G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE(FOR WOMEN)

SELF ASSESSMENT REPORT(TIER - I) FOR Computer Science & Engg.

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Part A : Institutional Information

1 Name and Address of the Institution

G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE(FOR WOMEN),
SHIKPET,HYDERABAD

2 Name and Address of Affiliating University

3 Year of establishment of the Institution:

1997

4 Type of the Institution:

○ Institute of National Infortance	● Autonomous
○ University	○ Any other(please specify)
○ Deemed University	

5 Ownership Status:

○ Central Government	☑ Trust
○ State Government	☐ Society
○ Government Aided	☐ Section 25 Company
● Self financing	☐ Any Other(Please Specify)

6 Other Academic Institutions of the Trust/Society/Company etc., if any

Name of Institutions	Year of Establishment	Programs of Study	Location
G.Pulla Reddy Engineering	1984	UG (B.Tech Civil, EEE, ME	Kurnool, Andhra Pradesh
The School of Innovation a	2022	PGDM in Business Analytic	Hyderabad, Telangana Stat
G.Pulla Reddy Pharmacy C	1994	B.Pharmacy, Pharm-D, M.F	Hyderabad, Telangana stat
G.Pulla Reddy Dental Colle	2006	BDS,MDS	Kurnool Andhra Pradesh
G.Pulla Reddy Degree & P	1994	UG (Science, Commerce, M	Hyderabad, Telangana Stat

7 Details of all the programs being offered by the Institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
M Tech	PG	2007	2007	18	Yes	12	Granted accreditation for 3 years for the period (specify period)	2022	2025	No	2

Sanctioned Intake for Last Five Years for the M Tech

Academic Year	Sanctioned Intake
2023-24	12
2022-23	12
2021-22	18
2020-21	18
2019-20	18
2018-19	18

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
B Tech	UG	1999	1999	30	Yes	261	Granted accreditation for 3 years for the period (specify period)	2021	2024	Yes	4

Sanctioned Intake for Last Five Years for the B Tech

Academic Year	Sanctioned Intake
2023-24	261
2022-23	191
2021-22	194
2020-21	180
2019-20	180
2018-19	180

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Computer Science & Engg.
2	Under Graduate	Engineering & Technology	Electronics & Communication Engg.
3	Under Graduate	Engineering & Technology	Electronics & Telematics Engg.
4	Under Graduate	Engineering & Technology	Information Technology
5	Under Graduate	Engineering & Technology	Electrical and Electronics Engineering

9 Total number of employees

A. Regular* Employees (Faculty and Staff):

Items	2023-24		2022-23		2021-22	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	57	61	57	61	54	59
Faculty in Engineering (Female)	124	129	113	124	101	114
Faculty in Maths, Science & Humanities teaching in engineering program (Male)	10	13	10	11	11	12
Faculty in Maths, Science & Humanities teaching in engineering program (Female)	37	42	36	38	31	36
Non-teaching staff (Male)	37	40	32	36	31	33
Non-teaching staff (Female)	50	55	43	48	37	44

B. Contractual* Employees (Faculty and Staff):

Items	2023-24		2022-23		2021-22	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)						
Faculty in Engineering (Female)						
Faculty in Maths, Science & Humanities teaching in engineering Programs (Male)						
Faculty in Maths, Science & Humanities teaching in engineering Programs (Female)						
Non-teaching staff (Male)						
Non-teaching staff (Female)						

10 Total number of Engineering students:

Engineering and Technology- UG	☑ Shift1	☐ Shift2
Engineering and Technology- PG	☑ Shift1	☐ Shift2
Engineering and Technology- Polytechnic	☐ Shift1	☐ Shift2
MBA	☐ Shift1	☐ Shift2
MCA	☐ Shift1	☐ Shift2

Engineering and Technology- UG Shift-1

Course Name	2023-24	2022-23	2021-22
Total no. of Boys	0	0	0
Total no. of Girls	3821	3495	3251
Total	**3821**	**3495**	**3251**

Engineering and Technology- PG Shift-1

Course Name	2023-24	2022-23	2021-22
Total no. of Boys	0	0	0
Total no. of Girls	56	54	81
Total	**56**	**54**	**81**

11 Vision of the Institution:

To become a center of quality education in Engineering and Technology for women empowerment.

12 Mission of the Institution:

To fulfill the academic aspirations of women engineers for enhancing their intellectual capabilities and technical competency.

To Leverage Leading – Edge Technologies and cultivate exemplary work culture.

To facilitate success in their desired career in the field of engineering to build a progressive nation.

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr Kolli Ramesh Reddy
Designation	Principal
Mobile No.	9849422460
Email ID	principal@gnits.ac.in

☑ **NBA Coordinator, If Designated**

Name	Dr K Ramalinga Reddy
Designation	Dean of Academics
Mobile No.	9391045077
Email ID	kattareddy2000@gnits.ac.in

PART B: Criteria Summary

Critera No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	100	100.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	175	175.00
4	STUDENTS’ PERFORMANCE	100	89.86
5	FACULTY INFORMATION AND CONTRIBUTIONS	200	190.68
6	FACILITIES AND TECHNICAL SUPPORT	80	80.00
7	CONTINUOUS IMPROVEMENT	75	75.00
8	FIRST YEAR ACADEMICS	50	47.73
9	STUDENT SUPPORT SYSTEMS	50	50.00
10	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	120	120.00
	Total	**1000**	**979**

Part B : Criteria Summary

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the Vision and Mission of the Department and Institute (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	To become a center of quality education in Engineering and Technology for women empowerment.
Mission of the institute	To fulfill the academic aspirations of women engineers for enhancing their intellectual capabilities and technical competency. To Leverage Leading – Edge Technologies and cultivate exemplary work culture. To facilitate success in their desired career in the field of engineering to build a progressive nation.
Vision of the Department	To provide engineering education in the field of Computer Science with evolving technologies and to produce self-motivated, employable individuals to society.
Mission of the Department	see below

Mission No.	**Mission Statements**
M1	To pioneer education in Computer Science and Engineering, Mathematics and Sciences, to mould the overall personality of students.
M2	To nurture the students to be dynamic, industry ready and to have multidisciplinary skills and leadership qualities.
M3	To inculcate work ethics and commitment in students for their future endeavors to serve the society.

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks : 5.00

PEO No.	**Program Educational Objectives Statements**
PEO1	The student should be able to apply their knowledge in Mathematics, Science, Engineering as well as Computer Science along with programming skills in their Engineering education and career advancement.
PEO2	They are expected to communicate well and get ready for understanding the importance of Social, business, technical and ethical aspects with which a process or product is designed.
PEO3	They should be able to excel in multidisciplinary teams, develop leadership roles and inculcate problem solving capability, design skills and other diverse career paths.
PEO4	They should be able to develop an interest in knowledge enhancement with the evolving technologies.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (15) Total Marks 15.00

Institute Marks : 15.00

A. Adequacy in respect of publication & dissemination (3)

The Computer Science and Engineering department has identified STUDENTS, PARENTS, ALUMNI, FACULTY and INDUSTRY EXPERTS as stakeholders of the programme. The Vision, Mission and PEOs of the department have been adequately disseminated and published to the above stakeholders in various ways. Summary of publishing dissemination of Vision , Mission and PEOs to stake holders is shown in **Table 1.3.1**

Table 1.3.1 Publishing, Dissemination of Vision, Mission and PEOs to Stakeholders

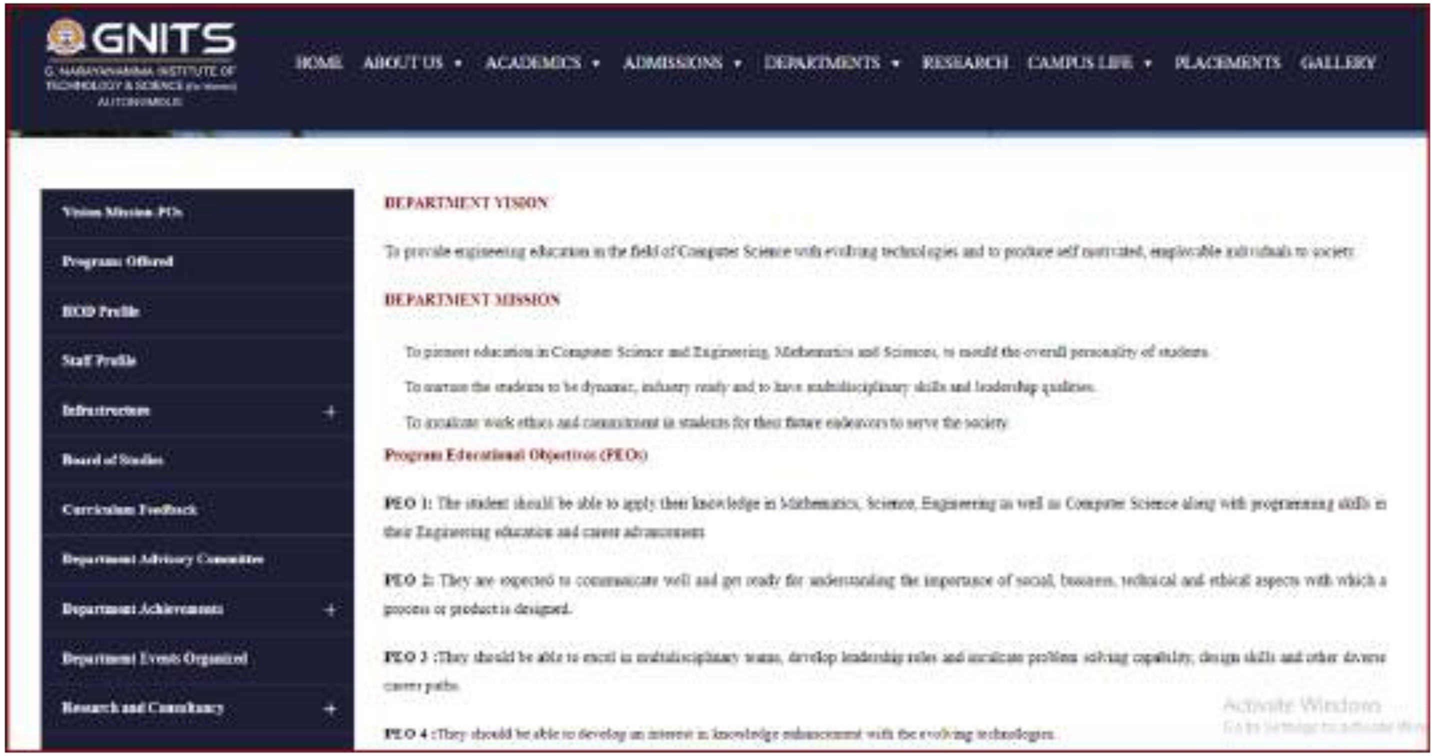
Entity	Internal Stake Holders	External Stake Holders
HoD Chamber	√	
Staff Rooms	√	
Syllabus Book	√	
Faculty Course file	√	
Classrooms	√	
Laboratories	√	
Laboratory Manuals and Records	√	
Department Library	√	
Programme Advisory Committee	√	
Department Seminar Hall	√	√
Department Advisory Committee	√	√
Board of Studies	√	√
Parents Teacher Meeting	√	√
Event Brochures	√	√
Department Magazine and News Letter	√	√
Website	√	√
Notice boards	√	√
Surveys	√	

B. Process of dissemination among stakeholders (3)

The Vision and Mission of the institute and department & PEOs are published through electronic media at:

- **College website:**https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/vision-mission-pos/ (https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/vision-mission-pos/)

Institute and department websites shown in **Figure 1.3.1** will be visited by various people throughout the world. Making the Vision and Mission statements visible to the public through the website will (give wide publicity to the institution’s motto.) enable them to be aware of the principles and methodology followed by the institution and the department. Hence all stake holders visiting website will read and understand Vision, Mission and PEOs of the department.


GNITS
G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (for Women)
AUTONOMOUS
HOME
ABOUT US
ACADEMICS
ADMISSIONS
DEPARTMENTS
RESEARCH
CAMPUS LIFE
PLACEMENTS
GALLERY
Vision Mission POs
Programs Offered
HOD Profile
Staff Profile
Infrastructure
Board of Studies
Curriculum Feedback
Department Advisory Committee
Department Achievements
Department Events Organized
Research and Consultancy
Activate Windows
Go to Settings to activate Windows

DEPARTMENT VISION

To provide engineering education in the field of Computer Science with evolving technologies and to produce self motivated, employable individuals to society.

DEPARTMENT MISSION

To pioneer education in Computer Science and Engineering, Mathematics and Sciences, to mould the overall personality of students.

To nurture the students to be dynamic, industry ready and to have multidisciplinary skills and leadership qualities.

To inculcate work ethics and commitment in students for their future endeavors to serve the society.

Program Educational Objectives (PEOs)

PEO 1: The student should be able to apply their knowledge in Mathematics, Science, Engineering as well as Computer Science along with programming skills in their Engineering education and career advancement.

PEO 2: They are expected to communicate well and get ready for understanding the importance of social, business, technical and ethical aspects with which a process or product is designed.

PEO 3 : They should be able to excel in multidisciplinary teams, develop leadership roles and inculcate problem solving capability, design skills and other diverse career paths.

PEO 4 : They should be able to develop an interest in knowledge enhancement with the evolving technologies.

Figure 1.3.1 Dissemination of Vision, Mission and PEOs at College website

Printed material is a handy tool that enables to recollect & register the Vision, Mission & PEOs of the Department. The Vision and Mission statements & PEOs of the department are published through various printed media such as:

- **Syllabus Books**

Ensures that the students and staff will recollect the Vision and Mission easily as these form the frequently accessed material shown in **Figure 1.3.2**

- **Faculty Course files**

Maintaning a copy of department Vision and Mission statements in the faculty Course files shown in **Figure 1.3.3** is a way of making sure that the faculty is aware of the department’s Vision and Mission. It helps the faculty to reinforce the direction of teaching learning process.

- **Lab Manuals**

Lab manuals are a guidance material prepared by faculty that gives all description of the experiments to be performed in the computer laboratories. Vision and Mission of the department printed in Lab Manuals shown in **Figure 1.3.3** bring awareness to the students,

the staff memebers referring them.

- **Lab Records**

Record books are essential for the laboratories as students can record the steps carried out in the experiments, testing data & the observations in it on regular basis. Having Vision and Mission of department printed in Lab Records shown in **Figure 1.3.4** will bring awareness to the students, staff and also the external examiners.

- **News Letter- Sankethika Bharathi**

Sankethika Bharathi – The Bi-annual News Letter furnishes the summary on the events & achievements of varied departments, faculty and students of the institution. Propagating the Vision and Mission of the institute and department through this will give wide publicity

shown in **Figure 1.3.4**

- **Departmental Magazines - AGAMA(techhnical) and CHIMERA(non technical)**

AGAMA(techhnical) and CHIMERA(non technical) are departmental Magazines initiated with a vision of engaging students into our enthralling societal issues and conversations by corroborating the artistic, literary and thought-provoking talents of the students of GNITS.

Vision and Mission of the department is also pblished in these magazines as shown in **Figure 1.3.5**

A few evidences of the dissemination of the Vision, Mission and PEO statements are presented as the images below

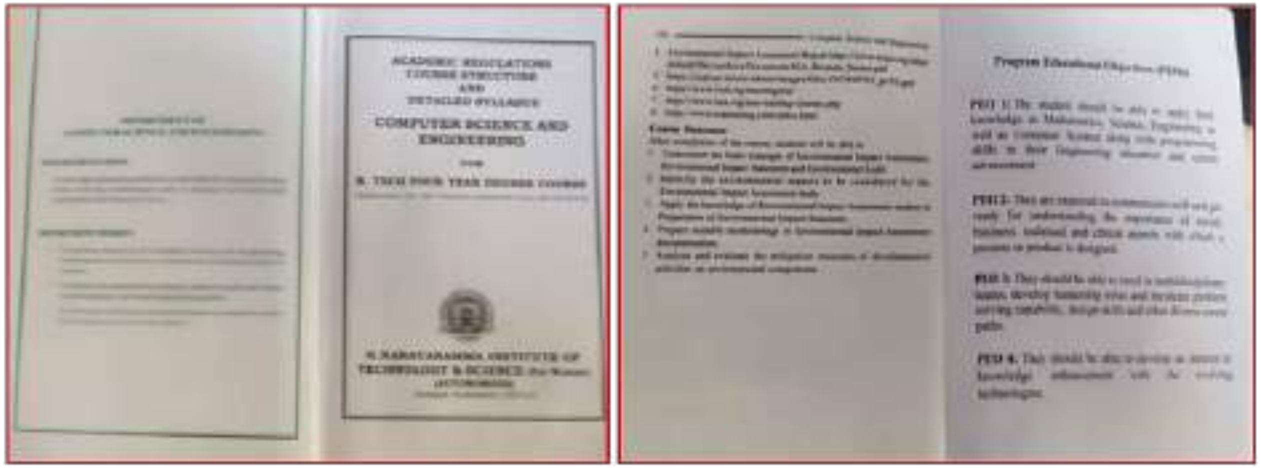
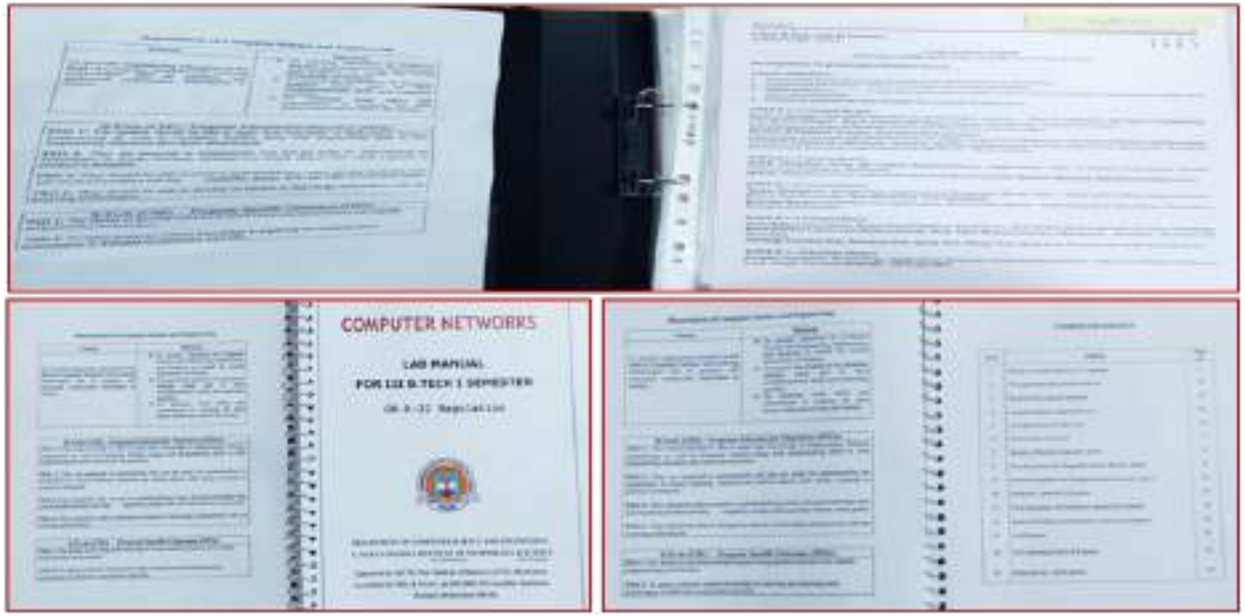


Figure 1.3.2 Dissemination of Vision, Mission and PEOs in the syllabus book



COMPUTER NETWORKS

LAB MANUAL

FOR III B.TECH I SEMESTER

Figure 1.3.3 Dissemination of Vision, Mission and PEOs in Faculty Course file and Lab Manuals

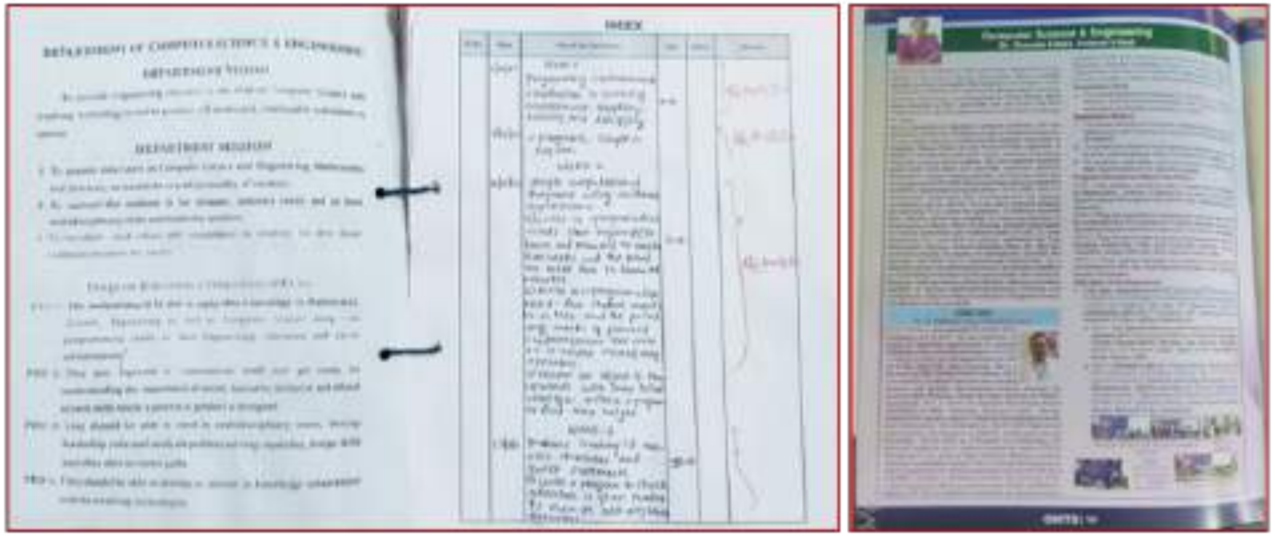
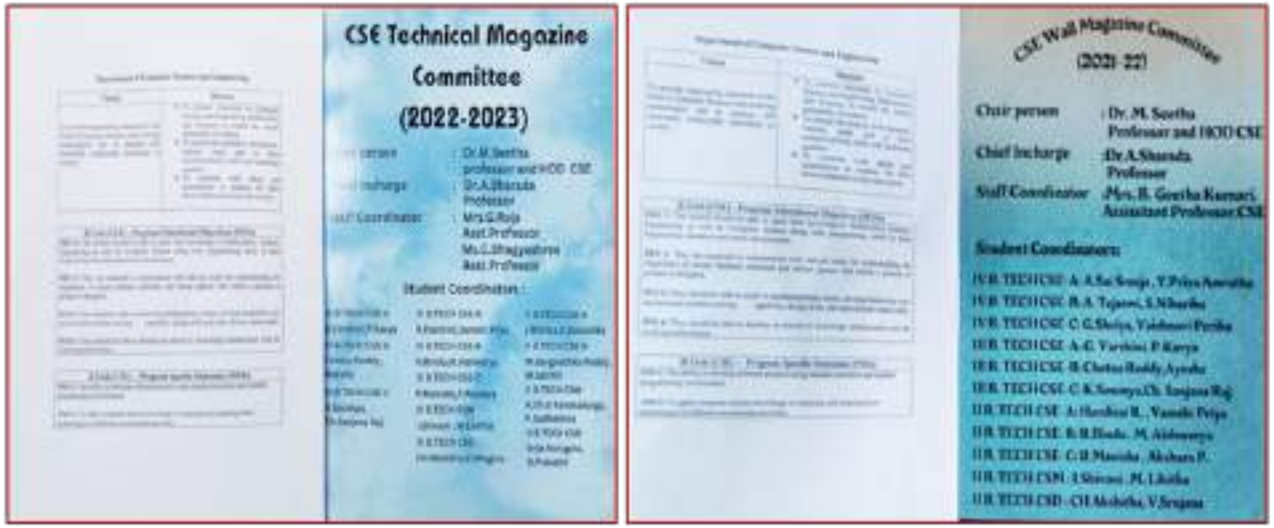


Figure 1.3.4 Dissemination of Vision, Mission and PEOs in Lab records and News Letter



CSE Technical Magazine Committee (2022-2023)

Dr.M.Seetha professor and HOD CSE

Dr.A.Sharada Professor

Mrs.G.Roja Asst.Professor

Student Coordinators :

CSE Wall Magazine Committee (2021-22)

Chair person : Dr. M. Seetha Professor and HOD CSE

Chief Incharge : Dr.A.Sharada Professor

Staff Coordinator : Mrs. B. Geetha Kumari, Assistant Professor CSE

Student Coordinators:

Figure 1.3.5 Dissemination of Vision, Mission and PEOs in departmental Magazines

Displaying the Vision, Mission & PEOs of the institute and department at commonly visited places will enable them to recollect it easily. They are displayed in the form of display boads at places such as:

- **HOD Cabin**

The Vision , Mission and PEOs of the institute and department are displayed in HOD cabin is shown in **Figure 1.3.6.**

- **Faculty rooms**

Exhibiting the Vision and Mission statements in the faculty rooms shown in **Figure 1.3.6** is a way of making sure that the faculty is aware of the department's Vision, Mission and PEOs. It helps the faculty to reinforce the direction of teaching learning process. It also guides the teachers in setting individual objectives that are aligned with the institute's objectives.

- **Classrooms and Laboratories**

Students spend a great amount of time in the classroom. The physical environment of the class room can be used as a tool to strengthen the learning experiences. PEOs, Vision and Mission of the department and institute is displayed in every class room shown in **Figure 1.3.7**. By viewing these on regular basis in their daily life students can easily remember and memorize it for a long period of time.

- **Notice Boards and common premises of the department**

Notice board generally holds the important information related to the institute and department. Social activities organized, work-related events, and circulars can be posted here in the department. It forms a constructive method of promoting the Vision and Mission of the institute and department to the various visitors, faculty and students shown in **Figure 1.3.8**.

- **Department Library**

To inculcate reading habits among faculty and students department maintains a library which is visited for referencing books on regular basis.To bring awareness among faculty and students Vision, Mission and PEOs s of the department are displayed as shown in **Figure 1.3.9**

- **Department Seminar Hall**

Department Seminar hall is used to conduct guest lectures and other events for faculty and students in the department. **Figure 1.3.9** shows the display of Vision, Mission and PEOs in the seminar hall will convey the work culture of the department.

- **Training and Placement wing**

Training and Placement wing provides opportunity for industry- institute interactions. Displaying the Vision and Mission statements of the institute in these areas as shown in **Figure 1.3.10** will convey the goals and work culture followed by the institute to the visitors from industry.

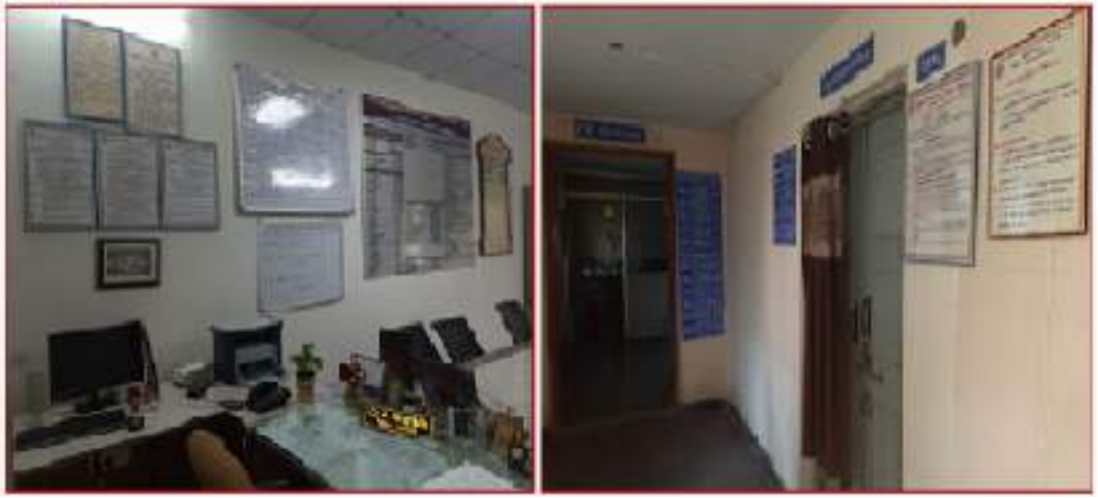


Figure 1.3.6 Dissemination of Vision, Mission and PEOs in HOD chamber and Faculty room

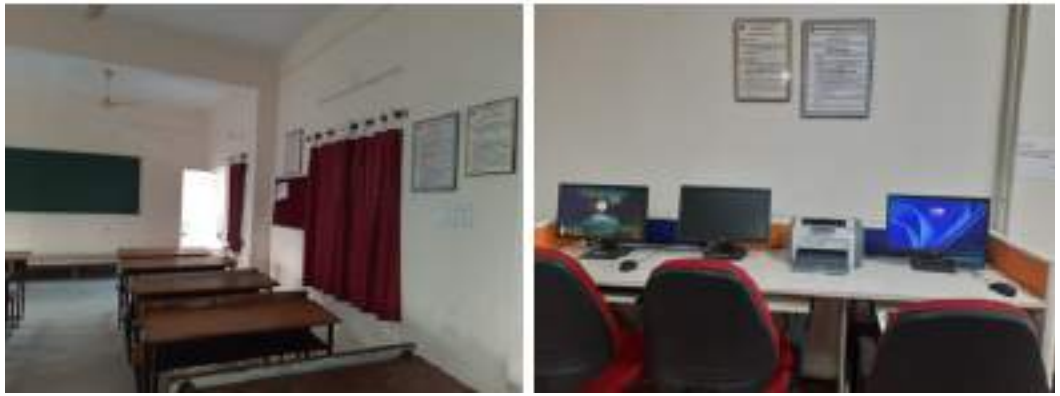


Figure 1.3.7 Dissemination of Vision, Mission and PEOs in Classroom and Computer Lab

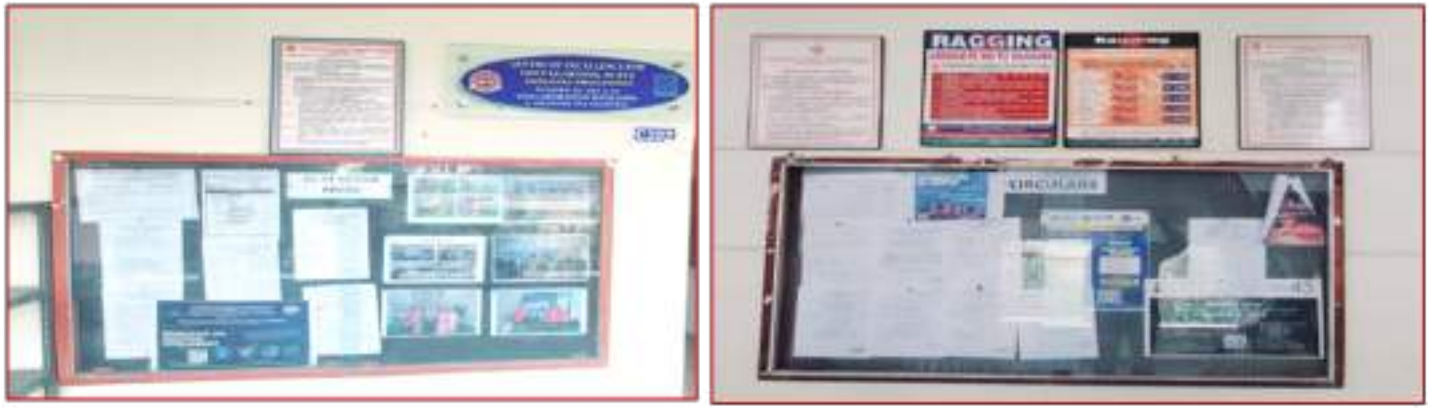

RAGGING
CIRCULARS

Figure 1.3.8 Dissemination of Vision, Mission and PEOs in Notice Boards and premises

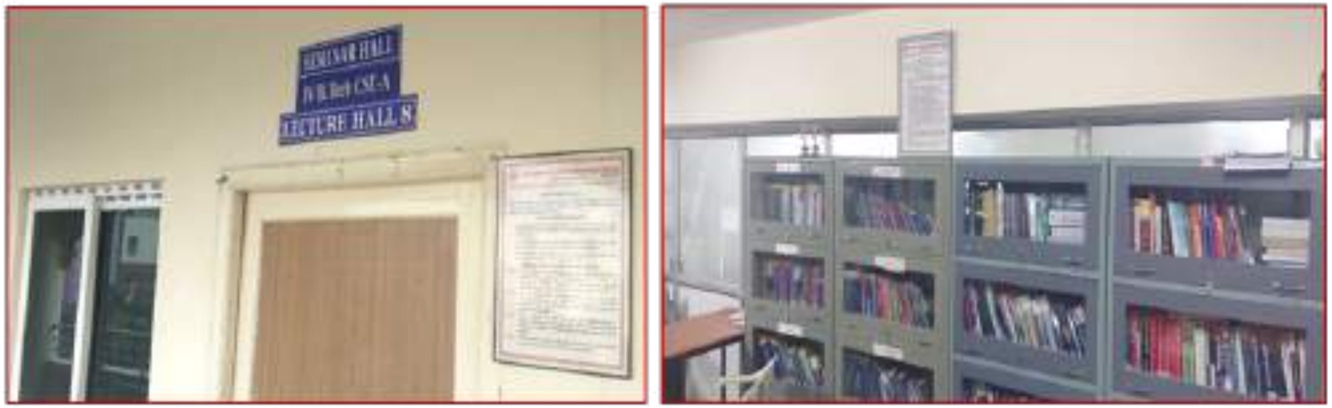

SEMINAR HALL
IV B.Tech CSE-A
LECTURE HALL 8

Figure 1.3.9 Dissemination of Vision, Mission and PEOs in Seminar hall and Library

Figure 1.3.10. Dissemination of Vision, Mission and PEOs in placement wing

Direct Communication that involve regular interaction with various stakeholders keep them aware of the Vision, Mission & PEOs of the Institute and Department.

Vision, Mission and PEOs of the Department are conveyed to stakeholders as follows:

- Special sessions are organized before starting of the academic year, where faculty members and Lab staff are enlightened with the Vision and Mission.
- Communicated to the newly admitted students and the parents through orientation and induction program.
- Communicated to Alumni during Alumni Interactios.
- Awareness during workshops/ FDPs conducted by the department every academic year for students and faculty members.
- The statements are communicated to the industry/employers through presentations during industrial visits and with other industry-institute interactions.
- Additionally, disseminated to various stakeholders of the program as shown in Figure 1.3.11,that is in the meetings of faculty members, Program Assessment Committee (PAC) and Department Advisory Committee (DAC), Board of Studies (BOS).
- All surveys.

Figure 1.3.11. Interaction with various stakeholders in Faculty meetings, PTM and Event Brochure

C. Extent of awareness of Vision, Mission & PEOs among the stakeholder

The dissemination of the Vision, Mission and PEO statements help the various stakeholders to realize their responsibilities and to give their support towards achieving the Vision of Computer Science and Engineering. The extent of dissemination of the Vision, Mission and PEOs of the B.Tech Computer Science and Engineering program are evaluated using feedback forms. **Figure 1.3.12** depicts the level of stakeholder's awareness on the Vision and Mission.

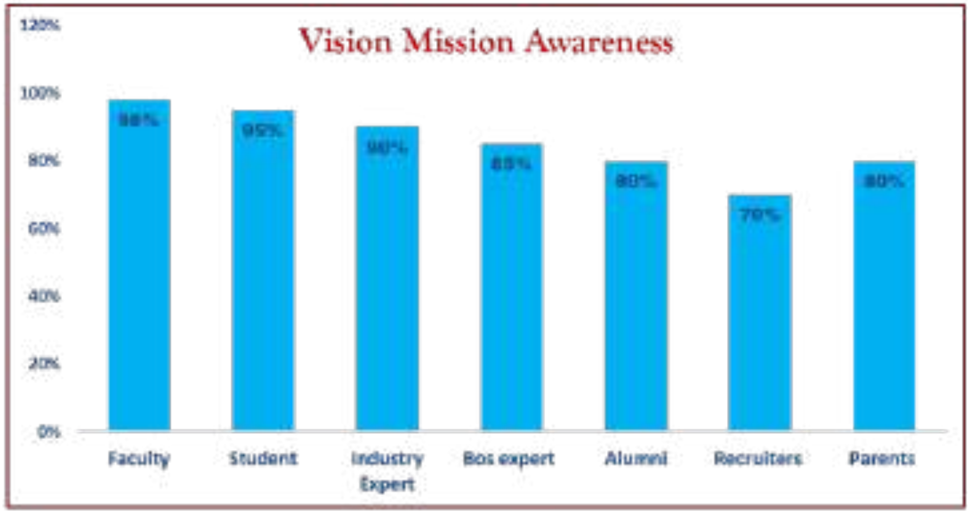


Figure 1.3.12 Vision Mission Awareness

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (15) Total Marks 15.00

Institute Marks : 15.00

A. Description of process involved defining the Vision and Mission of the Department (7)

The department established the Vision and Mission through a consultative process involving the stakeholders of the department keeping in view the future scope of the department and the societal requirements.

The **Internal stakeholders** are Governing Council members, Faculty members, Students and the **External stakeholders** are Alumni members, Parents, Industry experts.

The process involved in defining the Vision and Mission is shown in **Figure 1.4.1**. In establishing the vision and mission of the department, the following steps are followed:

Step 1: Institute Vision and Mission is taken as basis to formulate department Vision and Mission.

Step 2: Brainstorming is performed by program coordinator by consulting all the internal and external stakeholders to gather ideas and a preliminary meeting is conducted to discuss about elements to be considered for framing Vision and Mission statements.

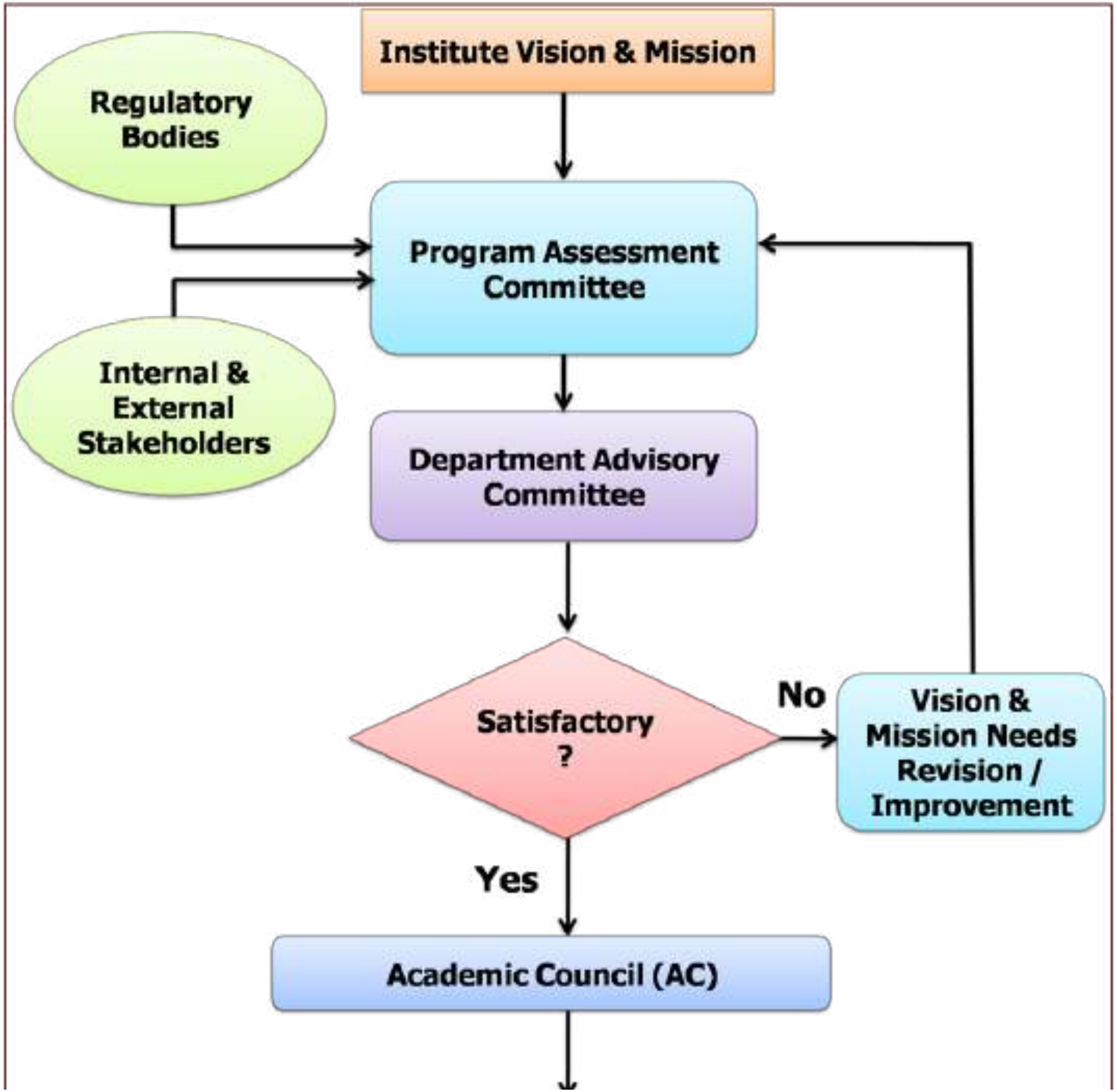
Step 3 : Considering norms stipulated by regulatory bodies and views gathered from all stakeholders are analyzed to identify Vision and the Mission elements of the department.

Step 4 : The Vision and Mission elements are then reviewed, refined and consistency with the Vision and Mission of the institute is ensured by the **Program Assessment Committee (PAC)** . **PAC** constitute of program coordinator/ HOD, Professors, Associate Professors and

senior faculty members of the department.

Step 5 : Final Vision and Mission of the department are articulated with the consent of the majority stakeholders in the meeting conducted by **Department Advisory Committee (DAC)**. **DAC** constitute of program coordinator/ HOD as chairman, senior faculty members, industry experts, academicians from affiliating and other universities, parent and alumnae .

Step 6 : After the approval from **Academic Council (AC) and Governing Council (GC) ,** the articulated and satisfactory Vision and Mission statements are published and disseminated to all the internal and external stakeholders


Institute Vision & Mission
Regulatory Bodies
Program Assessment Committee
Internal & External Stakeholders
Department Advisory Committee
Satisfactory ?
No
Vision & Mission Needs Revision / Improvement
Yes
Academic Council (AC)

Governing Council (GC)
Publish Department Vision & Mission

Figure 1.4.1: Establishing Vision and Mission

B. **Description of process involved defining the PEOs of the program (8)**

Program Educational Objectives (PEO) are broad statements (3 years or more after graduation) describing the career and professional accomplishments that the program is preparing graduates to achieve. The PEOs statements are established through a consultation process involving the core constituents such as STUDENTS, PARENTS, ALUMNI, INDUSTRY EXPERTS, FACULTY MEMBERS.

The process involved defining the PEOs is shown in **Figure 1.4.2**

The PEOs are established through the following steps:

Step 1: Department PEO statements are a derivative component of Institute Vision, Institute Mission, and also department Vision and department Mission statements.

Step 2: The internal and the external stakeholders are involved in framing or re-framing the PEO’s of the department. Conducting survey allows gathering views from all the stake holders.

The **internal stakeholders** are

a. Governing Council members

b. Faculty members

c. Students

The **external stakeholders** are

a. Alumni members

b. Parents

c. Industry experts

Step 3: Discussions, brainstorming sessions are made among the stakeholders to arrive on statements of PEO.

Step 4: The views collected from all the stakeholders are analysed and framed by the program coordinator along with other senior faculty members.

Step 5: The Program coordinator will then take this forward to the PAC and send it to DAC committee members for the approval.

Step 6: After the approval from **Academic Council (AC) and Governing Council (GC) ,** the articulated and satisfactory PEO statements are published and disseminated to all the internal and external stakeholders

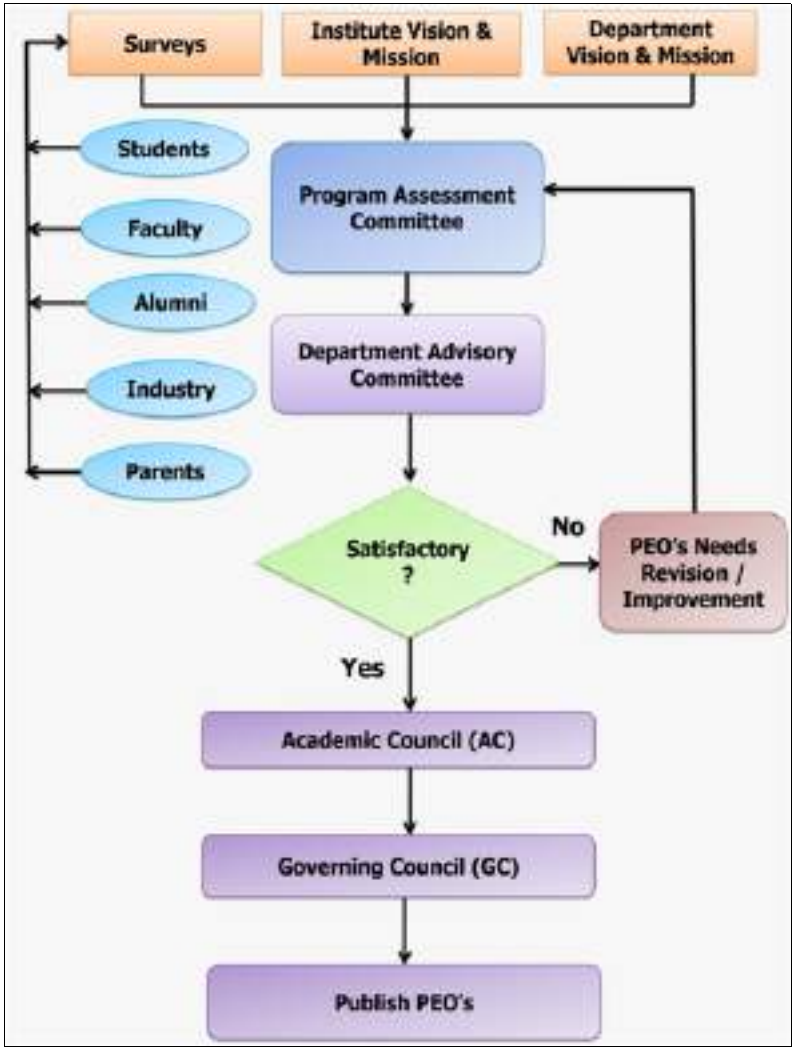

Surveys
Institute Vision & Mission
Department Vision & Mission
Students
Faculty
Alumni
Industry
Parents
Program Assessment Committee
Department Advisory Committee
Satisfactory ?
No
PEO's Needs Revision / Improvement
Yes
Academic Council (AC)
Governing Council (GC)
Publish PEO's

Figure 1.4.2 Process for Establishing PEO's

1.5 Establish consistency of PEOs with Mission of the Department (10) Total Marks 10.00

Institute Marks : 10.00

A. **Preparation of a matrix of PEOs and elements of Mission statements (5)**

Consistency of PEO's with Mission of the department:

PEO 1: Logical thinking and problem solving are the key attributes, to have a strong foundation in Computer Science & Engineering. The quality of thinking determines the quality of what is designed, produced or built as engineers. PEO 1 address in imparting strong foundation in the core courses of computer science and engineering to build models and methods in order to develop applications and solve problems, taking into account all relevant technical, social and economic issues.

PEO 2: Aims to impart students to acquire the skills required to develop quality solutions in their professional career. The graduates undergo training to acquire competency for team responsibility, managerial abilities, event management and develop communication skills required for sustaining the needs of the industry.

PEO 3: Intend to build the students with the attitude required to understand the needs of the society and derive solutions that aid for a better living. Graduates should be provided with moral and ethical values, to use available resources efficiently, safeguard health & safety, be environmentally sound & sustainable and manage risks throughout the lifecycle of a system.

PEO 4: Enable the graduate to continue learning and shine in all forms of life. Graduates need to continually improve and learn throughout their professional lives. Continuing Professional Development aims at the systematic and accountable improvement and broadening of knowledge and skills and the development of personal qualities necessary for the execution of professional duties.

Mission Elements:

M1 : M1. 1 To pioneer education in **Computer Science and Engineering**, **Mathematics** and **Sciences**

M1.2 To mould the **overall personality** of students.

M2 : M2.1 To nurture the students to be **dynamic** and **industry ready**.

M2.2 To encourage **multidisciplinary skills** and **leadership qualities in students.**

M3 : M3.1 To inculcate **work ethics** and **commitment.**

M3.2 Prepare students to **serve society**

Table 1.5.1 shows mapping matrix of PEOs with elements of Mission statements with correlation levels **3(High), 2(Medium)** and **1(Low).**

Table 1.5.1 Mapping matrix of PEOs and elements of Mission statements

Department Mission Statements Department PEO's	**M1:** To pioneer education in Computer Science and Engineering, Mathematics and Sciences, to mould the overall personality of students.		**M2:** To nurture the students to be dynamic, industry ready and to have multidisciplinary skills and leadership qualities.		**M3:** To inculcate work ethics and commitment in students for their future endeavors to serve the society.	
Key Aspects	**M1.1** To pioneer education in **Computer Science** and **Engineering**, **Mathematics** and **Sciences**	**M1.2** To mould the **overall personality** of students	**M2.1** To nurture the students to be **dynamic** and **industry ready**	**M2.2** To encourage **multidisciplinary skills** and **leadership qualities** in students	**M3.1** To inculcate **work ethics** and **commitment**	**M3.2** Prepare students to **serve society**
PEO1: The student should be able to apply their knowledge in Mathematics, Science, Engineering as well as Computer Science along with programming skills in their engineering education and career advancements	3	2	3	2	1	2
	3		3		2	
PEO2: They are expected to communicate well and get ready for understanding the	2	3	2	2	3	2

importance of social, business, technical and ethical aspects with which a process or product is designed	3		2		3	
PEO3: They should be able to excel in multidisciplinary teams, develop leadership roles and inculcate problem solving capability, design skills and other diverse career paths.	1	3	3	3	2	2
	2		3		2	
PEO4: They should develop an interest in knowledge enhancement with the evolving technologies.	2	3	2	2	2	2
	3		2		2	

B. **Consistency/ Justification of co-relation parameters of the above matrix (5)**

The justification for the co-relation parameters are shown in **Table 1.5.2**

Table 1.5.2 Justification of co-relation parameters

PEO's mapping with Mission statements	**Levels**	**Justification**
Justification of Mission M1 mapped with PEO1	3	Strong foundation is ensured in core concepts of Computer Science and Engineering, Mathematics and Basic Science and prepare them to make significant contribution in their career and higher education.
Justification of Mission M1 mapped with PEO2	3	The approach of project based learning promotes critical thinking in product design, social collaboration, ethics and creativity while reinforcing technical skills.

Justification of Mission M1 mapped with PEO3	2	The students are encouraged to attend /organize club activities, hackathons, workshops that will make them to work collaboratively in multi- disciplinary fields and build network to choose diverse career paths.
Justification of Mission M1 mapped with PEO4	3	Encourage students to pursue their interests through self-learning, continue their education beyond the classroom and adapt the rapidly changing landscape of CSE, mathematics and science.
Justification of Mission M2 mapped with PEO1	3	Providing exposure to industry practices, skill development programs in diverse areas of Computer Science and Engineering will enhance their leadership skills and become effective leaders in their personal and professional life
Justification of Mission M2 mapped with PEO2	2	Prioritize ethical design principles and responsible use of technology through research collaboration and problem solving by adaptability.
Justification of Mission M2 mapped with PEO3	3	Multi disciplinary collaboration enhances creativity, problem solving and innovation in students for successful careers in a rapidly changing environment.
Justification of Mission M2 mapped with PEO4	2	Students are updated with the latest technologies, trends and practices in their field through continuing education, certification and networking events.
Justification of Mission M3 mapped with PEO1	2	Consistent fostering a culture of work ethics and commitment in students will serve them well in the academics and professional life of Computer Science and Engineering.
Justification of Mission M3 mapped with PEO2	3	Student’s group get engaged with their local community and contribute to social causes.
Justification of Mission M3 mapped with PEO3	2	Encourage students to reflect on their values, strengths and areas for growth related to work ethics, leadership and commitment.
Justification of Mission M3 mapped with PEO4	2	Develop student’s critical thinking and decision – making skills to help them navigate ethical dilemmas and complex societal issues.

Level 3 (High): Most of the courses in the UG curriculum are framed around the concepts of

engineering, mathematics and computer science. As an outcome students achieve multidisciplinary skills, leadership qualities which helps them show their commitment towards serving the society.

Level 2 (Medium): Few courses of their choice are offered at the final year which inculcate in them problem solving capabilities, design skills and other diverse career paths.

Level 1 (Low): Many Co-curricular activities on par with curriculum under various technical chapters are organized to make them think beyond the present.

PEO Statements	M1	M2	M3
The student should be able to apply their knowledge in Mathematics, Science, Engineering as well as Computer Science along with programming skills in their Engineering education and career advancement.	3	3	2
They are expected to communicate well and get ready for understanding the importance of Social, business, technical and ethical aspects with which a process or product is designed.	3	2	3
They should be able to excel in multidisciplinary teams, develop leadership roles and inculcate problem solving capability, design skills and other diverse career paths.	2	3	2
They should be able to develop an interest in knowledge enhancement with the evolving technologies.	3	2	2

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (100)

Total Marks 100.00

2.1 Program Curriculum (30)

Total Marks 30.00

2.1.1 State the process for designing the program curriculum (10)

Institute Marks : 10.00

The curriculum at GNITS is meticulously crafted to uphold exceptional quality, pioritizing a learner-centric approach. The curriculum design process involves both consultative and deliberative processes involving various committees as per the statutory bodies norms and as well the institute rules, which includes Programme Assessment Committee (PAC), Department Advisory Committee (DAC), Board of Studies (BoS), Academic Council (AC), Governing Council (GC). The curriculum design, development and update process framework are depicted in Figure 2.1.1.1

Curriculum design process at GNITS can broadly be categorized in three stages:

i. Need Analysis and Assessment: Needs assessment is the basic element of curriculum design, development, and revision. The needs assessment shall be carried out to identify the key competencies, desirable characteristics, and desirable learning experiences in curriculum development process. Need Analysis includes but not limited to, the following:

- Policy Revision at the National Level National Education Policy
- Statutory and Regulatory Bodies
- Accreditation Bodies
- Professional Bodies
- Feedback
- Industry Associations
- Emerging Thrust Areas

II. Draft Curriculum: The Program Coordinator consolidates the need analysis report with the team of Course/Module Coordinators and proposes a draft curriculum. The draft curriculum is prepared with the references of peers from National as well as with the compliance of Course Outcomes (COs),Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs).

III. Review of the Draft Curriculum: The BoS duly constituted as per norms, consisting of members including experts from Academia and Industry, will review the curriculum. The BoS considers and recommends the revision/improvement of the proposed curriculum, if required. The Academic Council will consider the recommendations of the BoS and provide suggestions/approval for the program curriculum.

The department ensures that the curriculum undergoes regular reviews, considering several key aspects:

- Vision and Mission of the Institute & Department
- Program Educational Objectives (PEOs)
- Program Outcomes (POs)
- Program Specific Outcomes (PSOs)

The following are the key functional committees in implementing curriculum and reviewing of course/ Program.

- Programme Assessment Committee (PAC)
- Department Advisory Committee (DAC)
- Board of Studies (BoS)
- Academic Council (AC)
- Governing Council (GC)

Program Assessment Committee

Program Assessment Committee (PAC) consists of Head of the department and senior faculty members of the department. The course coordinators will recommend changes or revisions in the course content based on results of assessment of COs of the course. The committee scrutinizes the direct and indirect attainments of each course based on feedback from the course coordinators to revise the course content. The PAC monitors the day-to-day activities of the department.

The roles and responsibilities of PAC are as follows:

- Monitoring the attainments of Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs).

- Interacting with stakeholders regarding the improvement of POs, PSOs and PEOs.
- Evaluating program effectiveness and proposing necessary changes.
- Preparing periodic reports on program activities.
- Motivating the faculty and students to interact with the outside world i.e., to participate in seminars, workshops, conference, developing projects / working models and engaging in research activities.
- To assess the performance of students, feedback of stakeholders and review the attainment levels of program and suggests the actions needed for further improvement of the program.

Department Advisory Committee

Department Advisory Committee (DAC) comprises the following members:

- Head of the Department - Chairperson
- Senior Faculty Members(Internal & External)
- Industry Expert
- Student
- Alumni
- Parent

The Department Advisory Committee (DAC) is formed with the goal of creating a bridge between industry and academics considering the latest requirements of the industry and incorporating necessary components in the curriculum. This committee also guides PAC regarding overall development of the department. DAC is comprised of Head of the Department as chairperson, Professor from JNTU, Industry expert, Student Alumnae, Parent, and senior department faculty as members.

The roles and responsibilities of DAC are as follows.

- Finalize all academic activities of the department and forwarding to the IQAC for analysing the report of the PAC and monitoring the progress of the program.
- Develop and recommend new or revised program goals and objectives.
- Discuss current and future issues related to programs as per the guidelines.
- Review the feedback given by various stake holders and course coordinators.

Board of Studies

Board of Studies comprises the following members:

- Head of the Department – Chairperson
- Affiliating University nominee (JNTUH)
- Senior Faculty Members (Internal & External)
- Industry Expert
- External academicians
- Alumni (from Industry)

Board of Studies (BoS) takes up planning of the curriculum and the implementation of syllabi. BoS comprises of Head of the Department as Chairman, Industry & Academic experts and senior faculty members of the department.

The roles and responsibilities of the BoS are as follows:

- Preparation of curriculum and syllabi for various courses.
- Review and update the syllabi from time to time.
- Propose methodologies for innovative teaching and evaluation techniques.
- Coordinate teaching, research and extension activities in the department.

Academic Council

Academic Council comprises the following members:

- The Principal (Chairman).
- All the Heads of Departments in the college.
- Four teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the college.
- Not less than four experts/academicians from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, Sciences etc., to be nominated by the Governing Body.
- Three nominees of the university not less than Professors.
- A faculty member nominated by the Principal (Member Secretary).

Academic Council scrutinizes and approves the proposals of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications. Academic council recommends proposals of new study programmes to the Governing Body for final approval.

Governing Council

The function of Governing Council is to decide on the overall development of the Institute which includes infrastructure, resource allocation, welfare measures, institute scholarship, medals, prizes and certificates on the recommendations of academic council and approval of new programs for the Institute**.** Table 2.1.1.1 shows the members involved in Governing Council

Table 2.1.1.1: Governing council committee constituency

Number	Category	Nature
5 Members	Management	Trust or management as per the constitution or byelaws, with the Chairman or President/ Director as the chairperson
2 Members	Teachers of the College	Nominated by the Principal based on seniority by rotation
1 Member	Educationist or industrialist	Nominated by the management
1 Member	UGC Nominee	Nominated by the UGC
1 Member	State Government nominee	Academician not below the rank of professor or State Government official of Directorate of Higher Education/State Council of Higher

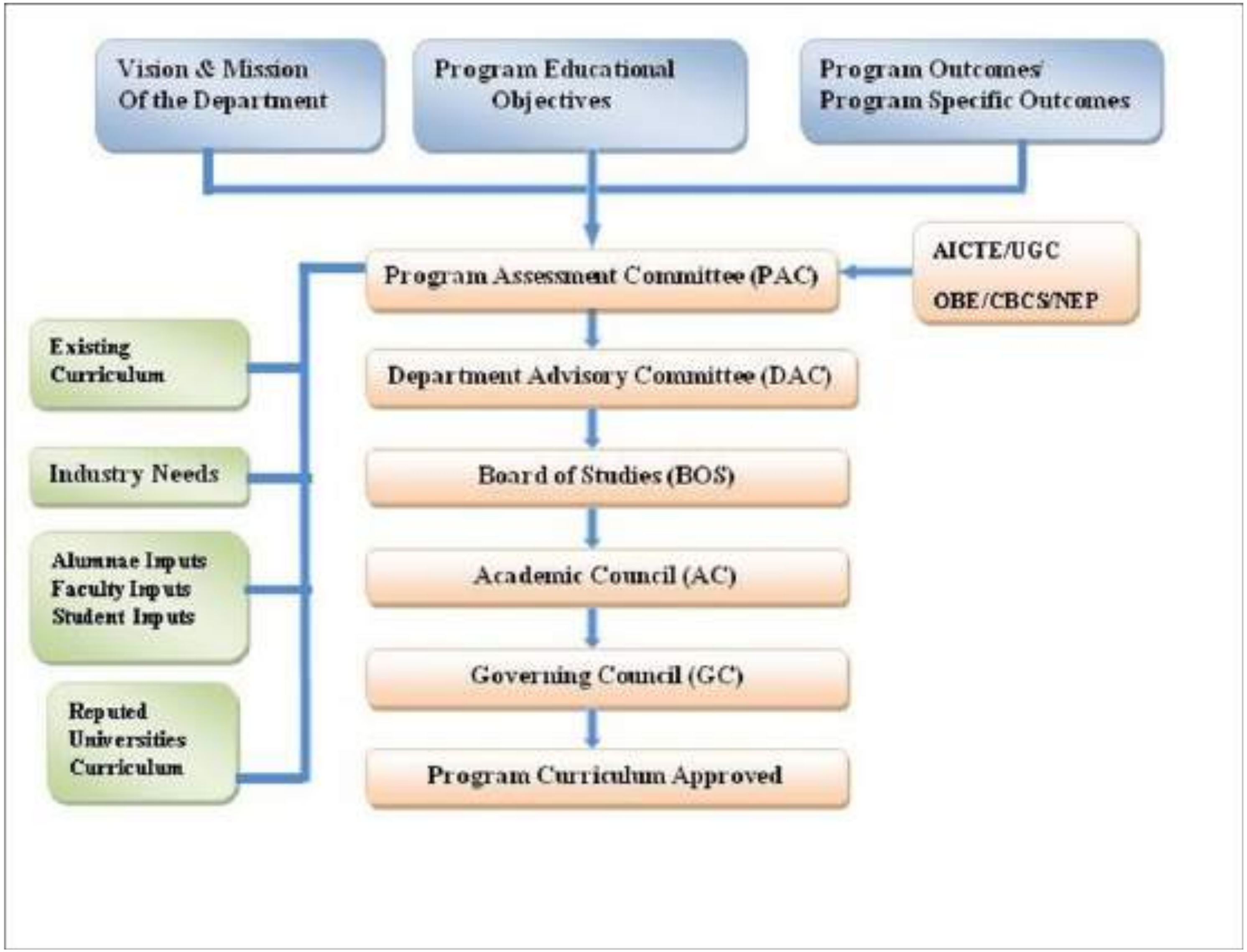
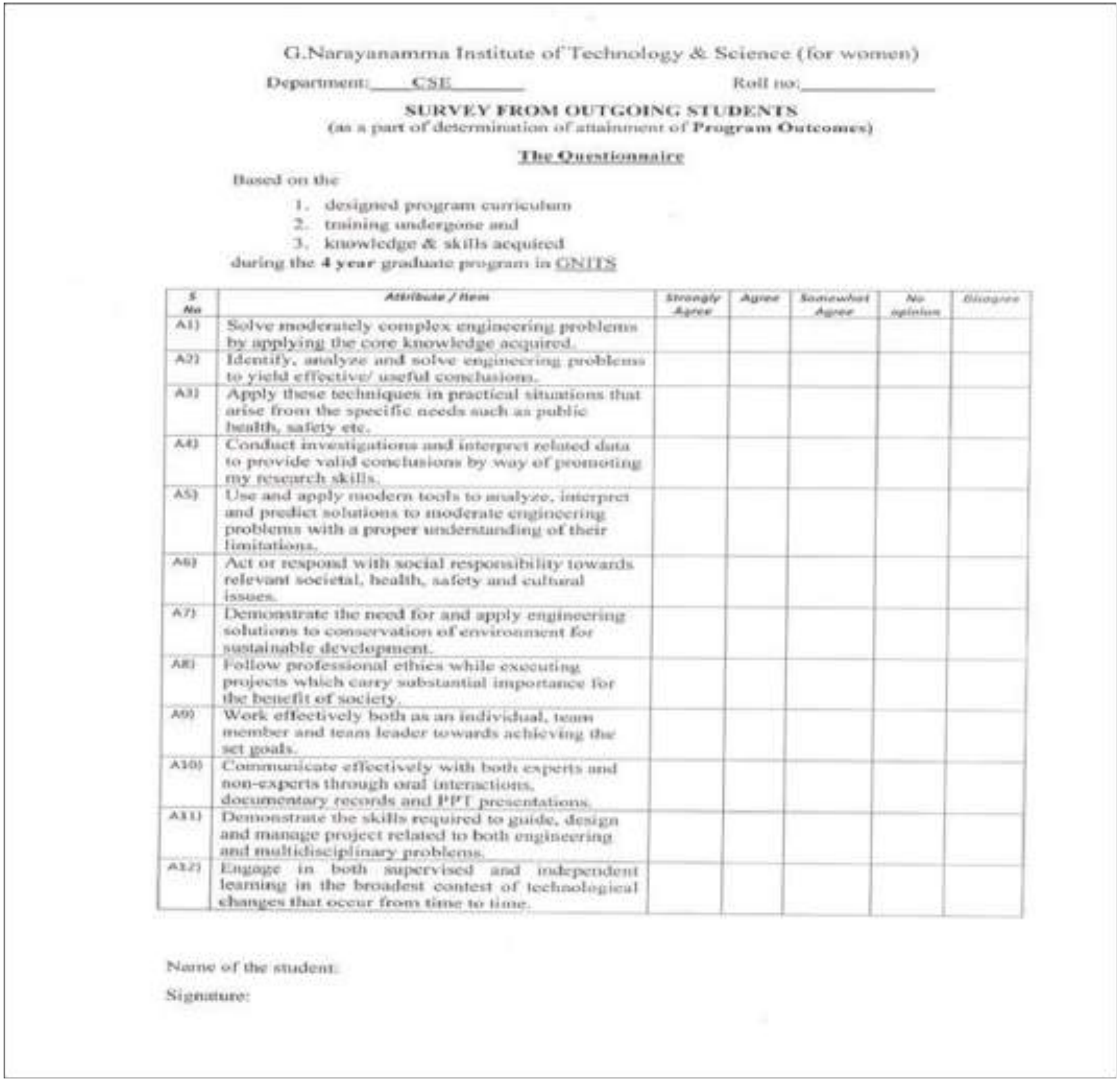

Vision & Mission Of the Department
Program Educational Objectives
Program Outcomes/ Program Specific Outcomes
Program Assessment Committee (PAC)
AICTE/UGC
OBE/CBCS/NEP
Existing Curriculum
Industry Needs
Alumnae Inputs
Faculty Inputs
Student Inputs
Reputed Universities Curriculum
Department Advisory Committee (DAC)
Board of Studies (BOS)
Academic Council (AC)
Governing Council (GC)
Program Curriculum Approved

Figure 2.1.1.1: Process of Design Curriculum

Process involving different stakeholders:

Student Feedback: Students feedback is collected regarding the readiness of them for executing the projects and required technical inputs are given in terms of workshops, guest lectures, technical training programmes and value added courses.Figure 2.1.1.2 shows the outgoing student feedback.



G.Narayanamma Institute of Technology & Science (for women)

Department: CSE Roll no:

SURVEY FROM OUTGOING STUDENTS

(as a part of determination of attainment of **Program Outcomes**)

The Questionnaire

Based on the

1. designed program curriculum
2. training undergone and
3. knowledge & skills acquired

during the **4 year** graduate program in GNITS

S No	Attribute / Item	Strongly Agree	Agree	Somewhat Agree	No opinion	Disagree
A1)	Solve moderately complex engineering problems by applying the core knowledge acquired.					
A2)	Identify, analyze and solve engineering problems to yield effective/ useful conclusions.					
A3)	Apply these techniques in practical situations that arise from the specific needs such as public health, safety etc.					
A4)	Conduct investigations and interpret related data to provide valid conclusions by way of promoting my research skills.					
A5)	Use and apply modern tools to analyze, interpret and predict solutions to moderate engineering problems with a proper understanding of their limitations.					
A6)	Act or respond with social responsibility towards relevant societal, health, safety and cultural issues.					
A7)	Demonstrate the need for and apply engineering solutions to conservation of environment for sustainable development.					
A8)	Follow professional ethics while executing projects which carry substantial importance for the benefit of society.					
A9)	Work effectively both as an individual, team member and team leader towards achieving the set goals.					
A10)	Communicate effectively with both experts and non-experts through oral interactions, documentary records and PPT presentations.					
A11)	Demonstrate the skills required to guide, design and manage project related to both engineering and multidisciplinary problems.					
A12)	Engage in both supervised and independent learning in the broadest contest of technological changes that occur from time to time.					

Name of the student:

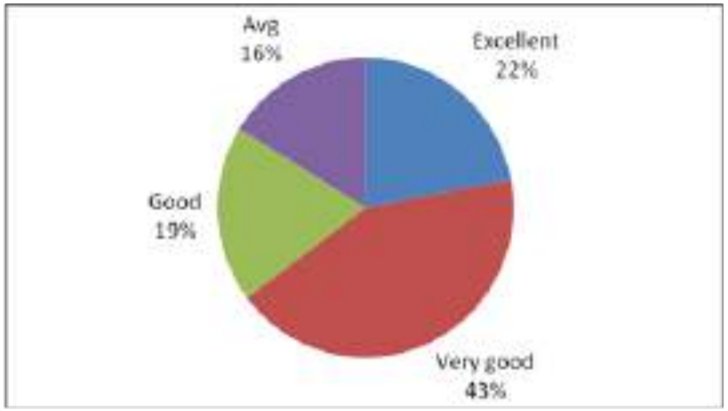
Signature:

Figure 2.1.1.2: Sample questionare for outgoing student feedback

Alumnae Feedback: Alumni feedback is collected for the purpose of assessing outcomes on several dimensions. It also helps to improve the accountability of the system. It also gives employees insights into their work from the people they work most closely with. Alumnae meeting are conducted once in a year on the first Saturday in the month of January. During these meetings opinions and suggestions from the alumnae are collected and reviewed to refine the process.Feedback from Alumnae who are working in industry is also considered for the design of the curriculum is shown in Figure **2.1.1.5.**

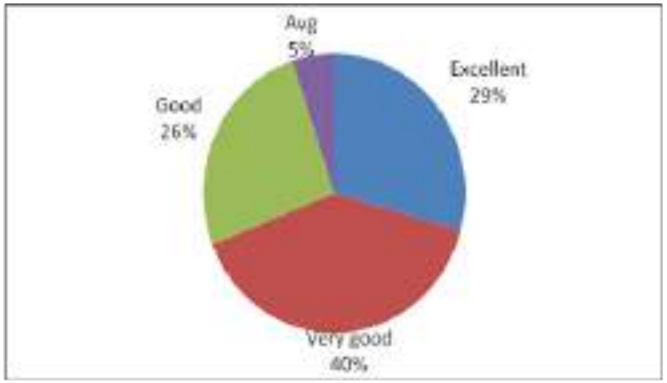
Curriculum Alumnae Feedback (for GNR-18 Curriculum) for the academic year 2022-2023 is shown in Figure **2.1.1.3**.

1. Rate the adequateness of the courses offered in the programe.



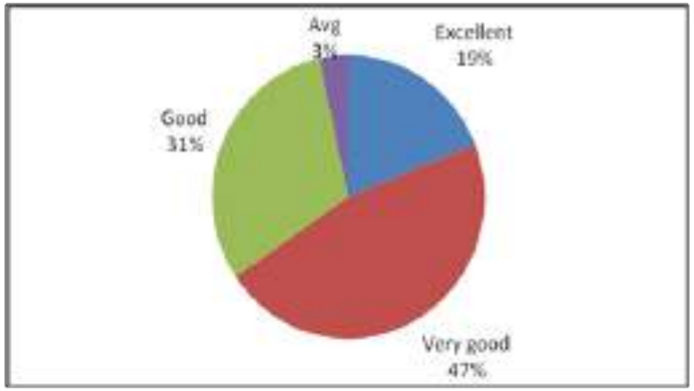
a. Rate of adequateness

2. Rate the sufficiency of syllabus content to bridge the gap between academia and industry.



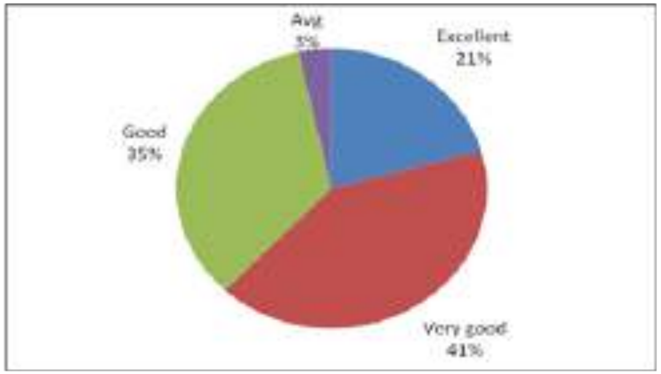
b. Rate of sufficiency

3. Rate the curriculum in relation to your current professional standards



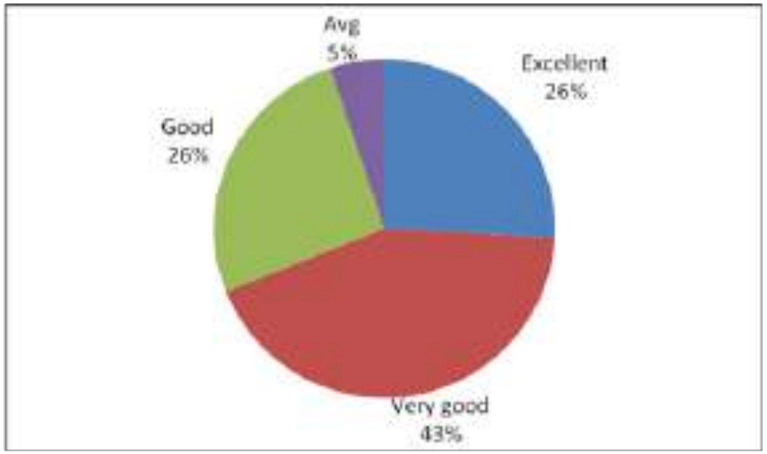
c. Rate of curriculum

4. Rate the skills acquired from the curriculum to face the industry challenges/ requirements



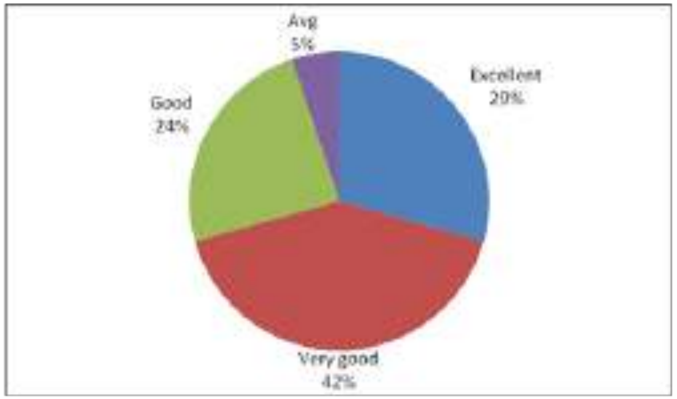
d. Industry challenges/Requirements

5. Rate the institutes laboratory and equipment adequateness for practical exposure



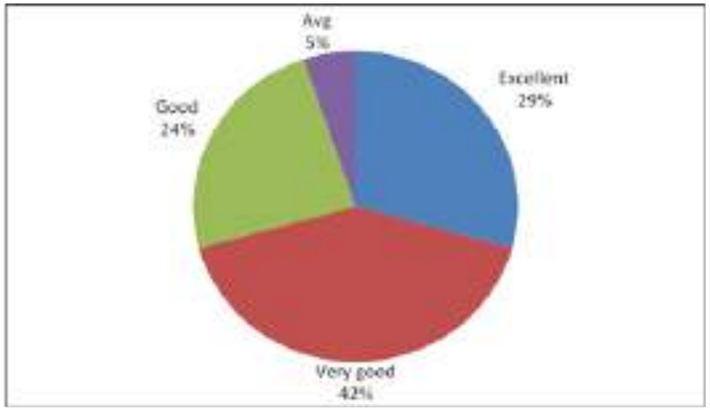
e. Institutes laboratory and equipment

6. Rate the offering of electives in relation to technology advancements



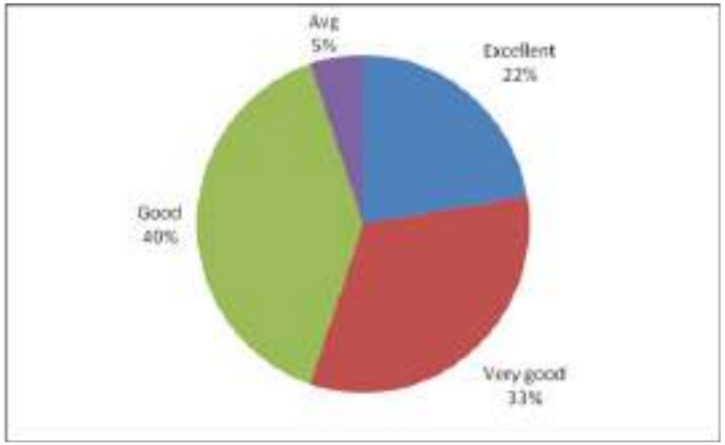
f. Offering of electives in relation to technology advancements

7. Rate the design of the courses in terms of extra learning or self-learning



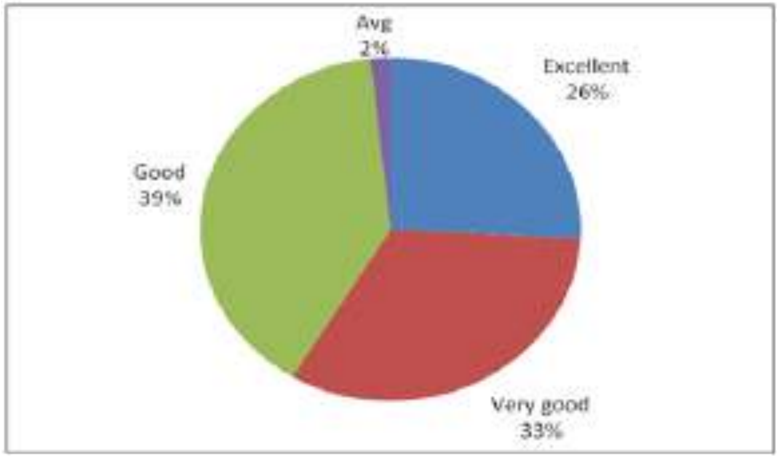
g. Design of courses with respect to extra learning or self-learning

8. Rate the training and placement cell in getting ample placement opportunities



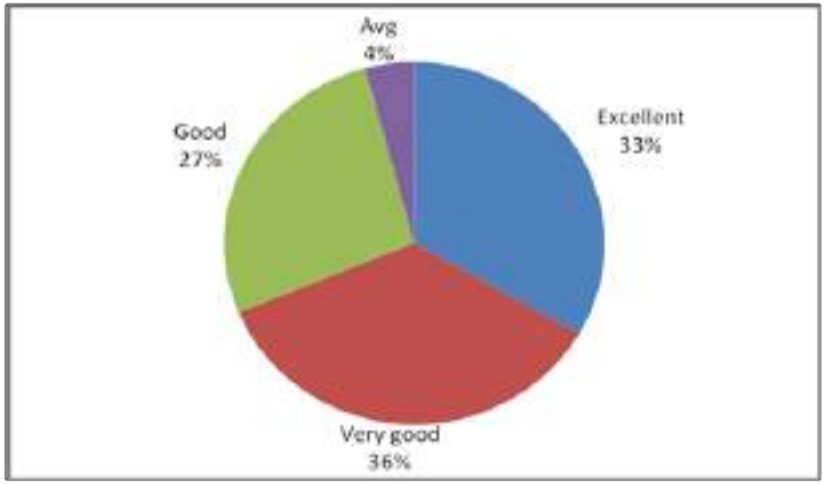
h. Training and placement

9. Rate the competence and support offered by the teachers



i. Competence and support offered by the teachers

10. Rate the institutes support and contribution for the overall development of students



j. Overall development of students

Figure 2.1.1.3 a, b, c, d, e, f, g, h, i and j: Curriculum Alumnae Feedback (for GNR-18 Curriculum)

- **Suggestions from Alumni**

Curriculum is good and however new courses should be introduced as per new advancements.

Industry Feedback: Feedback collected from industry experts will have an immense impact on the overall success of the Program.

Regulatory Bodies: AICTE, UGC and Jawaharlal Nehru Technology University Hyderabad provide norms and frame work for constituting vision, mission and PEOs of the programme.

Faculty Feedback: The faculty being the core designers of the programme, their continual participation, monitoring, feedback and corrective actions influences the programme.

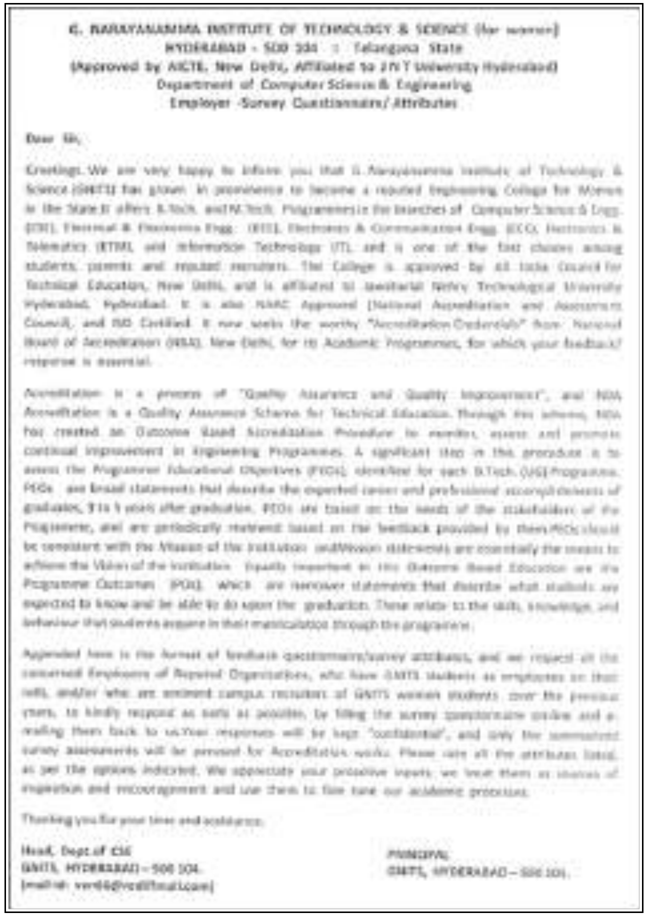
Parents Feedback: The feedback is collected from parents through survey forms and during parents teacher meetings are consolidated to identify the measures that can be taken from time to time is shown in Figure 2.1.1.4.

Figure 2.1.1.4: Sample questionare for parent survey

Involvement of Industry: Department Advisory Committee(DAC) members play a vital role in guiding the development and evolution of the curriculum to ensure that it remains relevant and responsive to the needs of students and the industry. Table 2.1.1.2 shows the members involved in the curriculum process.

Table 2.1.1.2: Industry experts as committee members for the curriculum design

Name of the Industry personal	Contribution	Designation and Name of the Industry
Mr. P. Mohan	BoS member	Sr. Data Scientist, Tech Mahindra, Hyderabad
Mr Krishna Mohan	DAC member	Vice President Network & IT Infrastructure, Payswiff, Hyderabad
Mr Oruganti P Venkateswar	DAC member	Platform Architect TCS, Hyderabad



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (for women)
HYDERABAD - 500 104 :: Telangana State
(Approved by AICTE, New Delhi, Affiliated to J N T University Hyderabad)
Department of Computer Science & Engineering
Employer -Survey Questionnaire/ Attributes

Dear Sir,

Greetings. We are very happy to inform you that G. Narayanamma Institute of Technology & Science (GNITS) has grown in prominence to become a reputed Engineering College for Women in the State.It offers B.Tech. and M.Tech. Programmes in the branches of Computer Science & Engg. (CSE), Electrical & Electronics Engg. (EEE), Electronics & Communication Engg. (ECE), Electronics & Telematics (ETM), and Information Technology (IT), and is one of the first choices among students, parents and reputed recruiters. The College is approved by All India Council for Technical Education, New Delhi, and is affiliated to Jawaharlal Nehru Technological University Hyderabad, Hyderabad. It is also NAAC Approved (National Accreditation and Assessment Council), and ISO Certified. It now seeks the worthy "Accreditation Credentials" from National Board of Accreditation (NBA), New Delhi, for its Academic Programmes, for which your feedback/ response is essential.

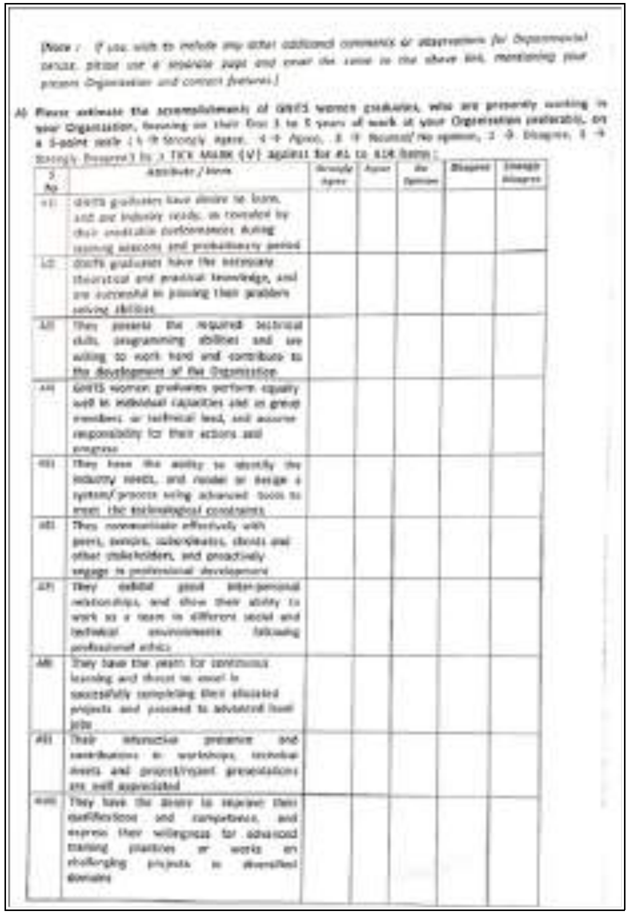
Accreditation is a process of "Quality Assurance and Quality Improvement", and NBA Accreditation is a Quality Assurance Scheme for Technical Education. Through this scheme, NBA has created an Outcome Based Accreditation Procedure to monitor, assess and promote continual improvement in Engineering Programmes. A significant step in this procedure is to assess the Programme Educational Objectives (PEOs), identified for each B.Tech. (UG) Programme. PEOs are broad statements that describe the expected career and professional accomplishments of graduates, 3 to 5 years after graduation. PEOs are based on the needs of the stakeholders of the Programme, and are periodically reviewed based on the feedback provided by them.PEOs should be consistent with the Mission of the Institution and Mission statements are essentially the means to achieve the Vision of the Institution. Equally important in the Outcome Based Education are the Programme Outcomes (POs), which are narrower statements that describe what students are expected to know and be able to do upon the graduation. These relate to the skills, knowledge, and behaviour that students acquire in their matriculation through the programme.

Appended here is the format of feedback questionnaire/survey attributes, and we request all the concerned Employers of Reputed Organizations, who have GNITS students as employees on their rolls, and/or who are eminent campus recruiters of GNITS women students over the previous years, to kindly respond as early as possible, by filling the survey questionnaire online and e-mailing them back to us.Your responses will be kept "confidential", and only the summarized survey assessments will be perused for Accreditation works. Please rate all the attributes listed, as per the options indicated. We appreciate your proactive inputs; we treat them as sources of inspiration and encouragement and use them to fine tune our academic processes.

Thanking you for your time and assistance.

Head, Dept.of CSE
GNITS, HYDERABAD – 500 104.
(mail id: [illegible])

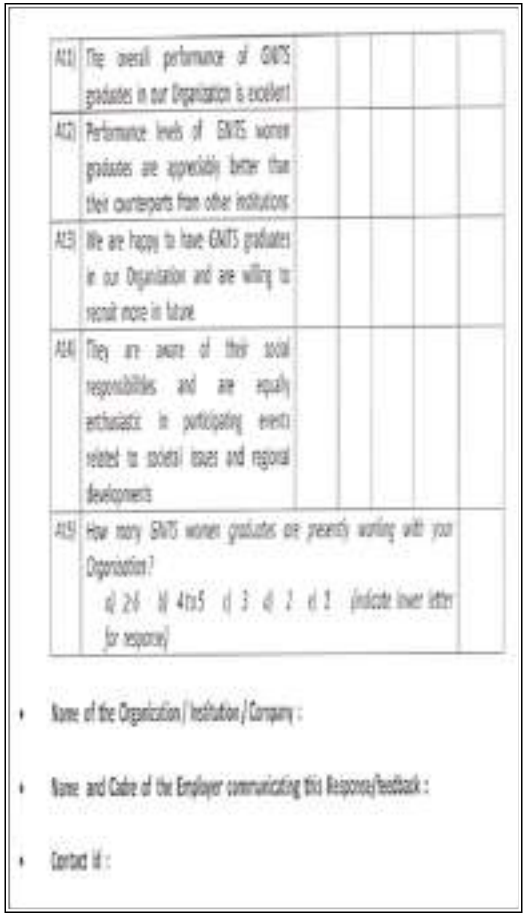
PRINCIPAL
GNITS, HYDERABAD – 500 104.



(Note : If you wish to include any other additional comments or observations for Departmental perusal, please use a separate page and email the same to the above link, mentioning your present Organization and contact features.)

A) Please estimate the accomplishments of GNITS women graduates, who are presently working in your Organization, focusing on their first 3 to 5 years of work at your Organization preferably, on a 5-point scale (5 → Strongly Agree, 4 → Agree, 3 → Neutral/ No opinion, 2 → Disagree, 1 → Strongly Disagree) by a TICK MARK (✓) against for #1 to #10 items :

S No	Attribute / Item	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
i)	GNITS graduates have desire to learn, and are industry ready, as revealed by their creditable performances during training sessions and probationary period					
ii)	GNITS graduates have the necessary theoretical and practical knowledge, and are successful in proving their problem solving abilities					
iii)	They possess the required technical skills, programming abilities and are willing to work hard and contribute to the development of the Organization					
iv)	GNITS women graduates perform equally well in individual capacities and as group members or technical lead, and assume responsibility for their actions and progress					
v)	They have the ability to identify the industry needs, and model or design a system/process using advanced tools to meet the technological constraints					
vi)	They communicate effectively with peers, seniors, subordinates, clients and other stakeholders, and proactively engage in professional development					
vii)	They exhibit good inter-personal relationships, and show their ability to work as a team in different social and technical environments following professional ethics					
viii)	They have the yearn for continuous learning and thrust to excel in successfully completing their allocated projects and proceed to advanced level jobs					
ix)	Their interactive presence and contributions in workshops, technical meets and project/report presentations are well appreciated					
x)	They have the desire to improve their qualifications and competence, and express their willingness for advanced training practices or works on challenging projects in diversified domains					



A11)	The overall performance of GNITS graduates in our Organization is excellent					
A12)	Performance levels of GNITS women graduates are appreciably better than their counterparts from other institutions					
A13)	We are happy to have GNITS graduates in our Organisation and are willing to recruit more in future					
A14)	They are aware of their social responsibilities and are equally enthusiastic in participating events related to societal issues and regional developments					
A15)	How many GNITS women graduates are presently working with your Organisation? a) 2-6 b) 4 to 5 c) 3 d) 2 e) 1 (indicate lower letter for response)					

- Name of the Organization / Institution / Company :
- Name and Cadre of the Employer communicating this Response/feedback :
- Contact Id :

Figure 2.1.1.5: Sample questionare for Employer Survey

Table 2.1.1.6 to Table 2.1.1.8 shows the Course Structure of GNR-22, GNR-18 and R-16 maping with respect to POs and PSOs

Table 2.1.1.6: GNR-22 Course Mapping with POs and PSOs

S.No	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	C101(Linear Algebra And Multivariable Calculus)	Y	Y	Y	N	N	N	Y	N	Y	Y	Y	Y	N	N
2	C102(Programming For Problem Solving)	Y	Y	Y	Y	N	N	N	N	Y	N	N	N	Y	Y
3	C103(Basic Electrical Engineering)	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N
4	C104(Design Thinking)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
5	C105(Engineering Graphics)	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	N	N
6	C106(Engineering Workshop)	Y	N	Y	N	N	Y	N	Y	N	Y	N	N	N	N
7	C107(Programming Lab)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	Y

8	C108(Basic Electrical Engineering Lab)	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N
9	C109(Environmental Science and Technology)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N
10	C110(Applied Chemistry)	Y	Y	Y	N	Y	Y	Y	N	N	N	N	Y	N	N
11	C111(Applied Physics)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N
12	C112(English For Skill Enhancement)	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
13	C113(Numerical Techniques And Transform Calculus)	Y	Y	Y	Y	N	N	Y	N	Y	N	Y	Y	N	N
14	C114(Data Structures)	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	Y
15	C115(English Language And Communication Skills Lab)	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
16	C116(Applied Chemistry Lab)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	N	N
17	C117(Applied Physics Lab)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N
18	C118(Data Structures Lab)	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	Y
19	C119(Gender Sensitization)	N	N	N	N	N	Y	N	Y	N	N	N	Y	N	N
20	C201(Probability and Statistics)	Y	Y	N	Y	N	N	N	N	Y	Y	Y	Y	N	N
21	C202(Design and Analysis of Algorithms)	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y	Y	N
22	C203(Database Management Systems)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	Y	Y	Y
23	C204(Digital Logic Design)	Y	Y	Y	Y	N	Y	N	N	N	Y	N	Y	Y	N
24	C205(Python Programming)	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	Y	Y
25	C206(Database Management Systems Lab)	N	Y	Y	N	Y	N	N	N	N	N	N	Y	N	Y
26	C207(Python Programming Lab)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y
27	C208(IT Workshop Lab)	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
28	C209(Constitution of India)	N	N	N	N	N	Y	N	Y	Y	Y	N	Y	N	N
29	C210(Discrete Mathematics)	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	Y	N
30	C211(Object Oriented Programming Through Java)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	N
31	C212(Operating Systems)	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	N
32	C213(Computer Organization and Architecture)	Y	Y	Y	Y	Y	N	Y	N	N	N	Y	N	Y	N
33	C214(Software Engineering)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N
34	C215(Object Oriented Programming Through Java Lab)	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N	Y	N
35	C216(Operating Systems and Microprocessor Lab)	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y
36	C217(Human Values and Professional Ethics)	N	N	N	N	N	Y	Y	Y	Y	Y	N	Y	N	N
37	C218(Mini Project)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
38	C301(Full Stack Development)	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y
39	C302(Computer Networks)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	N
40	C303(Machine Learning)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y
41	C304(Advanced Computer Architecture (PE-1))	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	N
42	C305(Data Mining (PE-1))	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	Y
43	C306(Computer Graphics (PE-1))	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	Y
44	C307(Artificial Intelligents (PE-1))	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y
45	C308(Principles of Programming Languages (PE-2))	Y	Y	Y	N	Y	N	N	N	N	N	Y	Y	Y	N
46	C309(Software Testing Methodologies (PE-2))	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	Y	Y
47	C310(Cloud Computing (PE-2))	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	Y
48	C311(Distributed Systems (PE-2))	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	Y
49	C312(Full Stack Development Lab)	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y
50	C313(Computer Networks Lab)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	N
51	C314(Machine Learning Lab)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y

52	C315(Managerial Economics and Financial Analysis)	N	N	Y	Y	N	N	Y	N	Y	Y	Y	Y	N	N
53	C316(Automata and Complier Design)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	Y
54	C317(Computer Vision and Pattern Recognition)	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	Y
55	C318(Information Retrieval Systems (PE-3))	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	Y
56	C319(Soft Computing (PE-3))	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y
57	C320(Agile Methodology (PE-3))	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y
58	C321(Graph Theory (PE-3))	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y	Y	Y
59	C322 Disaster Management(OE)	N	Y	Y	N	Y	Y	Y	N	N	N	N	Y	N	N
60	C323(Computer Vision and Pattern Recognition Lab)	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	Y
61	C324(Advanced Communication Skills Lab)	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
62	C325(Mini Project-2)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
63	C401(Fundamentals of Management)	N	N	N	N	N	Y	Y	N	Y	Y	N	Y	N	N
64	C402(Cryptography and Network Security)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y
65	C403(Data Science using R (PE-4))	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y
66	C404(Internet of Things and Applications (PE-4))	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
67	C405(DevOps (PE-4))	Y	Y	Y	N	Y	N	N	N	N	N	N	Y	Y	Y
68	C406(Natural Language Processing (PE-5))	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y	Y	N
69	C407(Big Data Analytics (PE-5))	Y	Y	Y	Y	Y	N	N	N	Y	N	N	Y	Y	Y
70	C408(Deep Learning (PE-5))	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y
71	C409(Blockchain Technologies (PE-5))	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y
72	C411(Cryptography and Network Security Lab)	Y	Y	Y	Y	Y	Y	N	Y		N	Y	Y	Y	Y
73	C412(Data Science using R Lab (PE-4))	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y
74	C413(Internet of Things and Applications Lab (PE-4))	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
75	C414(DevOps Lab (PE-4))	Y	Y	Y	N	Y	N	N	N	N	N	N	Y	Y	Y
76	C415Project Work (Phase – I))	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
77	C416(Entrepreneurship and Project Management)	N	N	N	N	N	Y	Y	N	Y	Y	Y	Y	N	N
78	C417(Human Computer Interaction (PE-6))	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y
79	C418(Cyber Forensics (PE-6))	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
80	C419(Ad-hoc and Sensor Networks (PE-6))	Y	Y	Y	Y	N	N	N	N	Y	N	N	N	Y	Y
81	C420 (Quantum Computing (PE-6))	Y	Y	Y	Y	N	N	N	N	Y	N	N	N	Y	Y
82	421(Environmental Impact Assessment)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
83	C422(Seminar)	Y	Y	Y	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y
84	C423(Project Work (Phase – II))	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Total no.of Subjects mapped with POs(X)		74	75	77	71	64	56	42	30	50	36	37	70	58	47

Table 2.1.1.7: GNR-18 Course Mapping with POs and PSOs

S.No	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	C101(Chemistry)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	N	N
2	C102(Linear Algebra and Multivariable Calculus)	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N

3	C103(Basic Electrical Engineering)	Y	Y	Y	N	N	N	N	N	N	N	N	Y	N	N
4	C104(Programming for Problem Solving)	Y	Y	Y	N	Y	N	N	N	Y	N	N	Y	Y	Y
5	C105(Chemistry Lab)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	N	N
6	C106(Basic Electrical Engineering Lab)	Y	Y	Y	N	N	N	N	N	N	N	N	Y	N	N
7	C107(Programming Lab)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	Y	Y	Y
8	C108(Physics)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
9	C109(Numerical Techniques and Transform Calculus)	Y	Y	Y	Y	N	N	N	N	N	N	N	N	Y	N
10	C110(English)	N	N	N	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y
11	C111(Engineering Graphics)	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	N
12	C112(Physics Lab)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
13	C113(English Professional and Communication Skills Lab)	N	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y
14	C114(Computational Mathematics Lab)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	N
15	C115(Engineering Workshop)	Y	N	Y	N	N	Y	N	Y	N	Y	N	Y	N	N
16	C201(Probability and Statistics)	Y	Y	N	N	N	N	N	N	Y	Y	N	N	Y	N
17	C202(Digital Logic Design)	Y	Y	Y	Y	N	Y	N	N	Y	Y	N	N	Y	N
18	C203(Engineering Mechanics)	Y	Y	Y	Y	N	N	N	N	Y	Y	N	Y	N	N
19	C204(Data Structures)	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	Y
20	C205(Object Oriented Programming)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	Y	N
21	C206(IT Workshop Lab)	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	N
22	C207(Data Structures through C++ Lab)	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y
23	C208(Object Oriented Programming through Java Lab)	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N	Y	N
24	C209(Gender Sensitization)	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y	Y	N
25	C210(Discrete Mathematics)	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	Y	N
26	C211(Managerial Economics and Financial Analysis)	N	N	Y	Y	N	N	Y	N	Y	Y	Y	Y	N	N
27	C212(Computer Organization and Architecture)	Y	Y	Y	Y	N	N	Y	N	N	N	Y	N	Y	N
28	C213(Operating Systems)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N
29	C214(Database Management Systems)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	Y	Y
30	C215(Computer Organization and Microprocessor Lab)	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	Y	N
31	C216(Operating Systems Lab)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N
32	C217(Database Management Systems Lab)	Y	Y	Y	N	Y	N	N	N	Y	Y	N	N	Y	Y

33	C218(Environmental Sciences)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N
34	C301(Fundamentals of Management)	N	N	N	N	N	Y	Y	N	Y	Y	N	Y		N	N
35	C302(Computer Networks)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y		Y	N
36	C303(Design and Analysis of Algorithms)	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y		Y	N
37	C304(Software Engineering)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		Y	N
38	C305(Advanced Computer Architecture)	Y	Y	Y	Y	N	N	Y	N	N	N	Y	N		Y	N
39	C306(Computer Graphics)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N		Y	Y
40	C307(Introduction to Data Analytics)	Y	Y	N	N	Y	N	N	N	Y	N	N	N		N	N
41	C308(Disaster Management)	Y	Y	N	Y	N	Y	Y	N	Y	N	N	Y		N	N
42	C309(Employability and Soft skills Lab)	N	Y	N	N	N	Y	N	Y	Y	Y	N	N		N	N
43	C310(Computer Networks Lab)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y		Y	N
44	C311(Design and Analysis of Algorithms Lab)	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y		Y	N
45	C312(Formal Languages and Automata)	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y		Y	Y
46	C313(Data Mining)	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y		Y	Y
47	C314(Web Technologies)	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y		Y	Y
48	C315(Image Processing)	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N		Y	Y
49	C316(Machine Learning (PE-2))	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		Y	Y
50	C317(Internet of Things)	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y		Y	N
51	C318(Behavioral Skills and Professional Communication)	N	N	N	N	Y	Y	N	N	Y	Y	Y	N		N	N
52	C319(Web Technologies and Data Mining Lab)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y		Y	Y
53	C320(Image Processing Lab)	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	Y		Y	Y
54	C321(Machine Learning Lab)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		Y	Y
55	C322(Internet of Things Lab)	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y		Y	N
56	C323(Seminar)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y		Y	Y
57	C401(Entrepreneurship and Project Management)	N	N	N	N	N	Y	Y	N	Y	Y	Y	Y		N	N
58	C402(Compiler Design)	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y		Y	Y
59	C403(Artificial Intelligence)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		N	Y
60	C404(Distributed Systems)	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y		Y	Y
61	C405(Soft Computing)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		Y	N
62	C406(Software Testing Methodologies)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		Y	Y
63	C407(Cloud Computing)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
64	C408(Embedded Systems)	Y	Y	Y	Y	Y	N	Y	N	N	N	Y	N		Y	N

65	C409(Industrial Management)	N	N	N	N	N	Y	Y	N	Y	Y	Y	Y		N	N
66	C410(Compiler Design Lab)	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y		Y	Y
67	C411(Mini Project)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
68	C412(Project Phase– I)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
69	C413(Cryptography & Network Security)	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y		Y	Y
70	C414(Software Project Management)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
71	C415(Information Retrieval Systems)	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y		Y	Y
72	C416(Data Science using R)	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y		Y	Y
73	C417(Human Computer Interaction)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
74	C418(Graph Theory)	Y	Y	Y	Y	N	Y	N	Y	N	N	N	Y		N	Y
75	C419(Ad hoc and Sensor Networks)	Y	Y	Y	Y	N	N	N	N	Y	N	N	N		Y	Y
76	C420(Environmental Impact Assessment)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N
77	C421(Project Phase– II)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
Total no.of Subjects mapped with POs(X)		**69**	**69**	**67**	**64**	**53**	**55**	**36**	**18**	**48**	**37**	**33**	**53**		**55**	**34**

Table 2.1.1.8: R-16 Course Mapping with POs and PSOs

S.No	Subject Name	Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO 12		PSO1	PSO2
1	C101(M-I)	MA101BS	Y	Y	N	Y	N	N	N	N	Y	Y	N	N		Y	Y
2	C102(EC)	CH102BS	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y		N	N
3	C103(EP-1)	PH103BS	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N		N	N
4	C104(PCE)	EN104HS	N	N	N	Y	N	Y	Y	Y	Y	Y	N	N		Y	Y
5	C105(EM)	ME105ES	Y	Y	Y	Y	N	N	N	N	Y	Y	N	Y		N	N
6	C106(BEEE)	EE106ES	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y		N	N
7	C107(ELCS LAB)	EN107HS	N	N	N	Y	N	Y	Y	Y	Y	Y	Y	N		Y	Y
8	C108(ENGG WORKSHOP)	ME108ES	Y	N	Y	N	N	Y	N	Y	N	Y	N	Y		N	N
9	C109(EP-II)	PH201BS	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N		N	N
10	C110(M-II)	MA202BS	Y	Y	N	Y	N	N	N	N	Y	Y	N	N		Y	N
11	C111(M-III)	MA203BS	Y	Y	N	Y	N	N	N	N	Y	Y	N	N		Y	Y
12	C113(CP-C)	CS204ES	Y	Y	Y	N	Y	N	N	N	N	N	N	Y		Y	Y
13	C114(E-Graphics)	ME205ES	Y	Y	Y	N	N	N	N	N	N	Y	N	N		N	N
14	C115(EC-Lab)	CH206BS	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y		N	N
15	C116(EP-Lab)	PH207BS	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N

16	C117(CPC-Lab)	CS208ES	Y	Y	Y	N	Y	N	N	N	N	N	N	Y		Y	Y
17	C201(M-IV)	MA301BS	Y	Y	Y	N	N	N	N	N	Y	Y	N	N		Y	N
18	C202(DS-C++)	CS302ES	Y	Y	Y	Y	N	N	N	N	Y	N	N	Y		Y	N
19	C203(MFCS)	CS303ES	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N		Y	N
20	C204(DLD)	CS304ES	Y	Y	Y	Y	N	Y	N	N	Y	Y	N	N		Y	N
21	C205(OOPJ)	CS305ES	Y	Y	Y	N	Y	N	N	N	Y	N	N	N		Y	N
22	C206(DSC++ Lab)	CS306ES	Y	Y	Y	Y	N	N	N	N	Y	N	N	Y		Y	N
23	C207(IT-Workshop)	CS307ES	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y		Y	N
24	C208(OOPJava Lab)	CS308ES	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N		Y	N
25	C210(CO)	CS401BS	Y	Y	Y	Y	Y	N	Y	N	N	N	Y	N		Y	N
26	C211(DBMS)	CS402ES	Y	Y	Y	Y	Y	N	N	N	N	N	N	N		Y	Y
27	C212(OS)	CS403ES	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	N
28	C213(FLAT)	CS404ES	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y		Y	Y
29	C214(BEFA)	SM405MS	N	N	Y	Y	N	N	Y	N	Y	Y	Y	Y		N	N
30	C215(CO Lab)	CS406ES	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N		Y	N
31	C216(DBMS Lab)	CS407ES	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N		Y	Y
32	C217(OS Lab)	CS408ES	Y	Y	Y	Y	N	N	Y	N	Y	Y	N	N		Y	N
33	C218(GS Lab)	*MC400HS	N	N	N	N	N	Y	N	Y	Y	Y	N	N		N	N
34	C301(DAA)	CS501PC	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y		Y	Y
35	C302(DCCN)	CS502PC	Y	Y	Y	Y	Y	N	Y	N	N	N	N	Y		Y	Y
36	C303(SE)	CS503PC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		Y	N
37	C304(FM)	SM504MS	N	N	N	N	N	Y	Y	N	Y	Y	N	Y		N	N
38	C305(DM)	CE511OE	Y	Y	N	Y	N	Y	Y	N	Y	N	N	Y		N	N
39	C306(DAA-Lab)	CS505PC	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y		Y	Y
40	C307(CN-Lab)	CS506PC	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y		Y	Y
41	C308(SE-Lab)	CS507PC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		Y	N
42	C309(PE Lab)	*MC500HS	N	N	N	N	N	Y	N	Y	Y	N	N	N		Y	Y
43	C310(CD)	CS601PC	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y		Y	Y
44	C311(WT)	CS602PC	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y		Y	Y
45	C312(CNS)	CS603PC	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y		Y	Y
46	C313(AI)	CS613PE	Y	Y	Y	Y	Y	N	Y	N	N	N	N	Y		N	Y
47	C314(NCES)	NT622OE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N

48	C315(IPR)	CE623OE	N	N	N	N	N	N	N	Y	Y	Y	N	Y		N	N
49	C316(IM)	MT623OE	Y	Y	Y	N	Y	N	N	N	Y	N	Y	Y		N	N
50	C317(CN LAB)	CS604PC	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y		Y	Y
51	C318(WT LAB)	CS605PC	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y		Y	Y
52	C319(AECS LAB)	EN606HS	N	N	Y	N	N	Y	N	Y	Y	Y	Y	Y		Y	Y
53	C401(DM)	CS701PC	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	Y		Y	Y
54	C402(PPL)	CS702PC	Y	Y	Y	N	Y	N	N	N	N	Y	Y	Y		Y	N
55	C403(PP)	CS721PE	Y	Y	Y	N	Y	Y	N	N	N	N	N	N		Y	N
56	C410(SPPM)	CS734PE	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y		Y	N
57	C412(CC)	CS742PE	Y	N	Y	N	Y	Y	Y	N	Y	Y	Y	Y		Y	N
58	C415(DM Lab)	CS703PC	Y	Y	Y	N	Y	Y	N	N	N	N	N	N		Y	N
59	C416(PP Lab)	CS751PC	Y	Y	Y	N	Y	Y	N	N	N	N	N	N		Y	N
60	C420(Mini Project)	CS705PC	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y		Y	Y
61	C421(Seminar)	CS706PC	Y	Y	Y	N	N	N	N	N	Y	Y	N	Y		Y	Y
62	C422(EIA)	CE831OE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N
63	C424(RTS)	CS852PE	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	Y		Y	Y
64	C426(MSE)	CS854PE	Y	N	Y	N	Y	Y	Y	N	Y	Y	Y	N		Y	Y
65	C427(AA)	CS861PE	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y		Y	N
66	C428(WS&SOA)	CS862PE	Y	N	Y	N	Y	Y	Y	N	Y	Y	Y	Y		Y	N
67	C429(CF)	CS863PE	Y	Y	Y	N	Y	Y	N	N	N	N	N	Y		Y	N
68	C431(Major Project)	CS801PC	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y		Y	Y
Total no.of Subjects mapped with POs(X)			**60**	**56**	**58**	**45**	**45**	**34**	**29**	**17**	**46**	**38**	**24**	**42**		**50**	**27**

2.1.2 Structure of the Curriculum (5)

Institute Marks : 5.00

ID	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	Theory Credits	Practical Credits	Total Credits
1	BS111AA	Chemistry	3	1	0	4	4	0	4
2	BS111AB	Linear Algebra and Multivariable Calculus	3	1	0	4	4	0	4
3	ES111AD	Basic Electrical Engineering	3	1	0	4	4	0	4
4	ES111AF	Programming for Problem Solving	3	0	0	3	3	0	3
5	BS11101	Chemistry Lab	0	0	2	2	0	1	1
6	ES11103	Basic Electrical Engineering Lab	0	0	3	3	0	1.5	1.5
7	ES11105	Programming Lab	0	0	3	3	0	1.5	1.5
8	MC11106	Games and Sports	2	0	0	2	0	0	0
9	BS112AC	Physics	3	1	0	4	4	0	4
10	BS112AG	Numerical Techniques and Transform Calculus	3	1	0	4	4	0	4
11	HS112AJ	English	2	0	0	2	2	0	2
12	ES112AE	Engineering Graphics	1	0	3	4	0	2.5	2.5
13	BS11208	Physics Lab	0	0	3	3	0	1.5	1.5
14	HS11212	English Professional and Communication Skills Lab	0	0	2	2	0	1	1
15	ES11210	Computational Mathematics Lab	0	0	3	3	0	1.5	1.5
16	ES11211	Engineering Workshop	1	0	3	4	0	2.5	2.5
17	MC11213	National Service Scheme(NSS)	2	0	0	2	0	0	0
18	BS113AL	Probability and Statistics	3	0	0	3	3	0	3
19	ES113AN	Digital Logic Design	3	0	0	3	3	0	3

20	ES113AP	Engineering Mechanics	3	0	0	3	3	0	3
21	PC113AS	Data Structures	3	1	0	4	4	0	4
22	PC113AX	Object Oriented Programming	3	0	0	3	3	0	3
23	ES11316	IT Workshop Lab	0	0	3	3	0	1.5	1.5
24	PC11319	Datastructures through C++ lab	0	0	3	3	0	1.5	1.5
25	PC11323	Object Oriented Programming through Java Lab	0	0	3	3	0	1.5	1.5
26	MC11317	Gender Sensitization	2	0	0	2	0	0	0
27	BS114AZ	Discrete Mathematics	3	0	0	3	3	0	3
28	HS114BD	Managerial Economics and Financial Analysis	3	0	0	3	3	0	3
29	PC114BH	Computer Organization and Architecture	3	0	0	3	3	0	3
30	PC114BN	Operating Systems	3	0	0	3	3	0	3
31	PC114BJ	Database Management Systems	3	1	0	4	4	0	4
32	PC11427	Computer Organization and Microprocessor Lab	0	0	3	3	0	1.5	1.5
33	PC11433	Operating Systems Lab	0	0	3	3	0	1.5	1.5
34	PC 11428	tabase Management Systems Lab	0	0	3	3	0	1.5	1.5
35	MC114BE	Environmental Sciences	2	0	0	2	0	0	0
36	HS115CE	Fundamentals of Management	3	0	0	3	3	0	3
37	PC115BU	Computer Networks	3	0	0	3	3	0	3
38	PC115BX	Design and Analysis of Algorithms	3	1	0	4	4	0	4
39	PE115CK	Software Engineering	3	0	0	3	3	0	3
40	OE115KH	Disaster Management	3	0	0	3	3	0	3

41	HS11542	Employability and Softskills Lab	0	0	2	2	0	1	1
42	PC11534	Computer Networks Lab	0	0	3	3	0	1.5	1.5
43	PC11537	Design and Analysis of Algorithms Lab	0	0	3	3	0	1.5	1.5
44	PC116CX	Formal Languages and Automata Theory	3	0	0	3	3	0	3
45	PC116CT	Data Mining	3	0	0	3	3	0	3
46	PC116DM	Web Technologies	3	0	0	3	3	0	3
47	PE116DD	Machine Learning	3	0	0	3	3	0	3
48	OE116KP	Behavioural Skills and Professional Communication	3	0	0	3	3	0	3
49	PC11655	Web Technologies and Data Mining Lab	0	0	4	4	0	2	2
50	PE11648	Machine Learning Lab	0	0	2	2	0	1	1
51	PW11652	Seminar	2	0	0	2	2	0	2
52	HS117DZ	Entrepreneurship and Project management	3	0	0	3	3	0	3
53	PC117DQ	Compiler Design	3	0	0	3	3	0	3
54	PE117DN	Artificial Intelligence	3	0	0	3	3	0	3
55	PE117DP	Cloud Computing	3	0	0	3	3	0	3
56	OE117KW	Industrial Management	3	0	0	3	3	0	3
57	PC11756	Compiler Design Lab	0	0	2	2	0	1	1
58	PW11758	Mini Project	0	0	0	0	0	2	2
59	PW11761	Project Phase-1	1	0	4	5	0	3	3
60	PC118FF	Cryptography & Network Security	3	0	0	3	3	0	3
61	PE118FZ	Software Project Management	3	0	0	3	3	0	3

62	PE118FP	Human Computer Interaction	3	0	0	3	3	0	3
63	OE118MC	Environmental Impact Assessment	3	0	0	3	3	0	3
64	PW11863	Project Phase-II	2	0	12	14	0	8	8
		Total	**122**	**8**	**72**	**202**	**117**	**43.0**	**160.0**

2.1.3 State the components of the curriculum (5)

Institute Marks : 5.00

Course Components	**Curriculum Content (% of total number of credits of the program)**	**Total number of contact hours**	**Total number of credits**
Basic Sciences	15.3	23.00	25
Engineering Sciences	15	26.00	24
Humanities and Social Scie	8.12	15.00	13
Program Core	32.81	66.00	52
Program Electives	11.9	20.00	19
Open Electives	7.5	12.00	12
Project(s)	8.12	19.00	13
Internships/Seminars	1.25	2.00	2
Any other (Please specify)	0	0.00	0
Total number of Credits			**160**

2.1.4 State the process used to identify extent of compliance of the curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexure I (10)

Institute Marks : 10.00

2.1.4. State the process used to identify extent of compliance of the curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs)

CSE Department adhere to a rigorous process to ensure that our curriculum for the B.Tech. Program in Information Technology effectively aligns with the designated Program Outcomes (POs) and Program Specific Outcomes (PSOs). Our approach is characterized by careful planning, meticulous evaluation, and continuous improvement.

Initial Assessment and Alignment: The process begins with a thorough examination of the curriculum guidelines provided by our institution and accrediting bodies. These guidelines serve as the foundation for delineating the desired POs and PSOs. Each component of our curriculum, spanning various disciplines including Science, Mathematics, Engineering, Humanities and Management, Projects, and Internships, is meticulously aligned with these identified outcomes.

Curriculum Mapping: A detailed mapping exercise is undertaken to correlate the content, objectives, and learning outcomes of each course within the curriculum with the established POs and PSOs. This step ensures that every aspect of our curriculum contributes meaningfully towards the attainment of the desired outcomes.

Selection of Assessment Tools: We carefully select assessment tools and methodologies to evaluate student performance and achievement in relation to the POs and PSOs. These tools encompass a diverse range, including examinations, projects, presentations, portfolios, surveys, rubrics and evaluations during internships.

Data Collection and Analysis: We systematically collect data on student performance and achievement related to POs and PSOs through the chosen assessment tools. This data is then subjected to rigorous analysis to ascertain the degree of attainment of each outcome by our students. This analysis serves as the foundation for identifying areas of strength and areas warranting enhancement within our curriculum.

Feedback and Iterative Improvement: Based on the analysis, we provide constructive feedback to relevant stakeholders, including faculty members and curriculum designers. Iterative improvements are then instituted within the curriculum to address identified gaps and augment its alignment with the desired outcomes.

Continuous Monitoring and Review: We believe in the importance of continuous monitoring of student performance and curriculum effectiveness to ensure ongoing alignment with industry standards and evolving educational trends. Regular reviews are conducted to assess the efficacy of our curriculum in preparing students to meet the challenges of the dynamic professional landscape.

List of Program Outcomes – B.Tech. (CSE)

PO1- Engineering Knowledge: To acquire firm knowledge of Mathematics, Science, Engineering & Computer Science.

PO2 - Problem Analysis: To identify, formulate & analyze requirements of IT Applications.

PO3 - Design / Development Solutions: To effectively apply engineering principles to the design of computer & IT based Systems.

PO4 - Conduct Investigations of complex problems: To synthesize research based knowledge in the design of programming and analysis of data for providing valid conclusions to complex problems.

PO5 - Modern Tool Usage: To possess skills for creating and selecting modern software development tools.

PO6 - The Engineer & Society: To apply conceptual knowledge relevant to professional engineering practices in societal, health, safety, legal and cultural issues and their consequences.

PO7 - Environment & Sustainability: To understand the impact of engineering solutions in social and economic environments and work towards sustainable development.

PO8 - Ethics: To understand contemporary legal, social & ethical issues in computing.

PO9 - Individual & Team work: To effectively work as an individual and adapt to a team environment.

PO10 - Communication: To communicate precisely and effectively both in oral and written in all engineering activities.

PO11 - Project Management & Finance: To apply engineering and management principles for managing and leading economically feasible projects in multi disciplinary environments as an individual and team member.

PO12 - Life Long Learning: To develop confidence to engage in independent & life long learning in the context of Technological changes.

List of Program Specific Outcomes – B.Tech. (CSE)

PSO1 - The ability to develop software projects using standard practices and suitable programming environment.

PSO2 - To apply computer science knowledge in exploring and adopting latest technologies in different co-curricular activities.

The following Tables 2.1.4.1 to 2.1.4.3 shows the courses mapped with POs and PSOs

Table 2.1.4.1: List of courses mapped with POs and PSOs for GNR22 Regulations

PO / PSO	**Courses**	**% ,of courses mapped with PO/ PSO**
PO1	C101,C102,C103,C104,C105,C106,C107,C108,C109,C110,C111,C112,C113,C114,C116,C117,C118,C201,C202,C203,C204,C205,C207, C208,C210,C211,C212,C213,C214,C215,C216,C218,C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C316,C317,C318,C319, C320,C321,C323,C325,C402,C403,C404,C405,C406,C407,C408,C409,C410,C411,C412,C413,C414,C416,C417,C418,C419,C420,C421	86.90
PO2	C101,C102,C103,C104,C105,C107,C108,C109,C110,C111,C113,C114,C116,C117,C118,C201,C202,C203,C204,C205,C206,C207,C208,C210,C211, C212,C213,C214,C215,C216,C218,C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C316,C317,C318,C319,C320,C321, C322,C323,C324,C325,C402,C403,C404,C405,C406,C407,C408,C409,C410,C411,C412,C413,C414,C416,C417,C418,C419,C420,C421	88.09
PO3	C101,C102,C103,C104,C105,C106,C107,C108,C109,C110,C111,C112,C113,C114,C115,C116,C117,C118,C202,C203,C204,C205,C206,C207, C208,C210,C211,C212,C213,C214,C215,C216,C218,C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C315, C316,C317,C318,C319,C320,C321,C322,C323,C325,C402,C403,C404,C405,C406,C407,C408,C409,C410,C411,C412,C413,C414,C416,C417,C418,C419,C420,C421	90.47
PO4	C102,C103,C104,C105,C107,C108,C109,C111,C112,C113,C114,C115,C116,C117,C118,C201,C202,C203,C204,C205,C207,C208,C210,C211, C212,C213,C214,C215,C216,C218,C301,C302,C303,C304,C305,C306,C307,C309,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319,C320,C321, C323,C324,C325,C402,C403,C404,C406,C407,C408,C409,C410,C411,C412,C414,C416,C417,C418,C419,C420,C421	83.33

PO5	C103,C104,C105,C107,C108,C109,C110,C111,C112,C116,C117,C118,C203,C205,C206,C207,C208,C211,C212,C213,C214,C215,C216,C218, C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C316,C318,C319,C320,C321,C322,C323,C324,C325,C402,C403,C404,C405, C407,C408,C409,C410,C411,C412,C413,C414,C416,C417,C420,C421	75
PO6	C103,C104,C105,C106,C108,C110,C111,C112,C115,C117,C119,C202,C204,C207,C208,C209,C214,C216,C217,C218,C302,C303,C304,C305,C307, C309,C310,C311,C313,C314,C318,C319,C320,C321,C322,C324,C325,C401,C402,C403,C404,C406,C408,C409,C410,C411,C412,C414,C415,C416,C417, C420,C421	63.09
PO7	C101,C103,C104,C105,C108,C110,C111,C112,C113,C115,C117,C207,C208,C214,C217,C218,C301, C303, C305, C310,C312, C314, C315, C320, C322, C324, C401,C402, C404, C408,C409, C412, C414,C415,C416,C417, C420,C421	45.23
PO8	C104,C106,C111,C112,C115,C117,C119,C208,C209,C214,C217,C218,C309,C310,C321,C324, C325,C402,C403,C404,C410,C411,C412, C414, C416,C417, C420,C421	33.33
PO9	C101,C102,C104,C107,C109,C111,C112,C113,C115,C117,C201,C203,C205,C208,C209,C210,C211,C212,C214,C215,C216, C217,C218,C301,C305,C306,C311,C312,C315,C316,C318,C319,C320,C321,C324,C325,C401,C402,C404,C407,C409,C410,C411, C412,C414,C415,C416,C417,C418,C419,C420,C421	61.90
PO10	C101,C104,C105,C106,C111,C112,C115,C117,C201,C204,C209,C210,C214,C215,C216,C217, C218,C301,C312,C315,C319,C320, C321,C324,C325,C401,C402,C404,C412,C414,C415,C416, C420,C421	40.47
PO11	C101,C103,C104,C108,C112,C113,C115,C205,C214,C216,C218,C301,C308,C309,C310,C311,C312, C315, C318,C319,C320, C324, C403,C404, C409,C410,C411,C412,C414,C415,C417, C420,C421	39.28
PO12	C101,C103,C104,C105,C108,C109,C110,C111,C112,C113,C114,C115,C116,C117,C118,C119,C201,C202,C203,C204,C205,C206, C207,C208,C209,C213,C216,C217,C218,C301,C302,C303,C304,C305,C307,C308,C309,C310,C311,C312,C313,C314,C315,C317,C318, C319,C320,C321,C322,C323,C324,C325,C401,C402,C404,C405,C406,C407,C408,C409,C410,C412,C413,C414,C415,C416,C417,C418,C419,C420,C421	84.52
PSO1	C102,C107,C114,C118,C202,C203,C204,C205,C207,C208,C210,C211,C212,C213,C214,C215, C216, C218,C301,C302,C303,C304,C305,C306,C307,C308,C309, C311,C312,C313,C314, C316,C317,C318,C319,C320,C321,C323,C325,C402,C403,C404,C405,C406,C407,C408,C409, C410,C411,C412,C413,C414, C416,C417,C418,C419,C420,C421	69.04
PSO2	C102,C107,C114,C118,C203,C205,C206,C207,C208,C216,C218,C301,C303,C305,C306,C307, C309,C310,C311,C312,C314,C316,C317,C318,C319,C320,C321,,C323,C325,C402,C403,C404,C405, C407,C408,C409,C410,C411,C412,C413,C414, C416,C417,C418,C419,C420,C421	55.95

Table 2.1.4.2: List of courses mapped with POs and PSOs for GNR18 Regulations

PO/PSO	Courses mapped significantly	% ,of courses mapped with PO/PSO
PO1	C101,C102,C103,C104,C105,C106,C107,C108,C109,C111,C112,C114,C115,C201,C202,C203,C204,C205,C206,C207,C208,C209,C210,C212,C213,C214,C215,216,217,C218,C302,C303,C304,C305,C306,C307,C310,C311,C312,C313,C314,C315,C316,C317,C319,C320,C321,C322,C323,C402,C403,C404,C405,C406, C407,C408,C410,C411,C412,C413,C414,C415,C416, C417,C418, C419, C420,C421	88.31
PO2	C101,C102,C103,C104,C105,C106,C107,C108,C109,C111,C112,C114,C201,C202,C203,C204,C205,C206,C207,C208,C210,C212,C213,C214,C215,216,217,C218,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C315,C316,C317,C319,C320,C321,C322,C323,C402,C403,C404,C405,C406, C407,C408,C410,C411,C412,C413,C414,C415,C416,C417, C418, C419,C420,C421	88.31
PO3	C101,C102,C103,C104,C105,C106,C107,C108,C109,C111,C112,C114,C115,C202,C203,C204,C205,C206,C207,C208,C210,C211,C212,C213,C214,C215,216,217,C218,C302,C303,C304,C305,C306,C308,C310,C311,C312,C313,C314,C315,C316,C317,C319,C320,C321,C322,C323,C402,C403,C404,C405,C406,C407,C408, C410,C411,C412,C413,C414,C415,C416,C417,C418, C419,C420,C421	87.01
PO4	C101,C105,C107,C108,C109,C110,C111,C112,C113,C114,C202,C203,C204,C205,C206,C207,C208,C210,C211,C212,C213,C214,C215,C216,C218,C302,C303,C304,C305,C306,C310,C311,C312,C313,C314,C315,C316,C317,C319,C320,C321,C322,C323,C402,C403,C404,C405,C406,C407,C408,C410,C411,C412,C413, C414,C415,C416,C417,C418,C419,C420,C421	80.51
PO5	C101,C104,C105,C107,C108,C111,C112,C114,C204,C205,C206,C207,C208,C212,C213,C214,C215,C216,217,C218,C302,C304,C306,C307,C308,C310,C312,C313,C314,C315,C316,C317,C318,C319,C320,C321,C322,C402,C403,C404,C405,C406,C407,C408,C410,C411,C412,C413,C414,C415,C416,C417,C420,C421	70.12
PO6	C101,C105,C108,C110,C111,C112,C113,C115,C202,C204,C206,C207,C209,C213,C214,C215,C216,C218,C301,C302,C303,C304,C308,C309,C310,C311,C312,C313,C316,C317,C318,C319,C320,C321,C322,C323,C401,C402,C403,C404,C405,C406,C407,C409,C410,C411,C412,C413, C414,C415,C416,C417,C418,C420,C421	71.42

PO7	C101,C108,C110,C111,C112,C113,C211,C212,C213,C214,C216,C218,C301,C304,C305,C308,C312,C313,C314,C316,C319,C321,C401,C403,C405,C406,C407,C408,C409,C411,C412,C413, C414,C417,C420,C421	46.75
PO8	C110,C112,C113,C115,C209,C218,C304,C309,C323,C406,C407,C411,C412,C413,C414,C416, C417,C418,C420,C421	25.97
PO9	C104,C107,C110,C112,C113,C114,C201,C202,C203,C204,C205,C206,C208,C209,C210,C211, C213,C214,C215,216,217,C218,C301,C304,C306,C307,C309,C313,C314,C315,C317,C318, C319,C320,C322,C401,C404,C407,C409,C411,C412,C414,C416,C417,C419,C420,C421	61.03
PO10	C110,C111,C112,C113,C115,C201,C203,C208,C209,C210,C211,C213,C214,C215,C216,C217, C218,C301,C304,C309,C312,C314,C317,C318,C319,C322,C323,C401,C407,C409,C411,C412, C414,C415,C417,C420,C421	48.05
PO11	C111,C112,C113,C204,C206,C207,C211,C212,C213,C215,C216,C218,C304,C305,C314,C317, C318,C319,C322,C323,C401,C404,C407,C408,C409,C410,C411,C412,C414,C416,C417,C420, C421	42.85
PO12	C101,C103,C104,C105,C106,C107,C111,C112,C115,C203,C204,C206,C207,C211,C213,C216,C218,C301,C302,C303,C308,C310,C311,C312,C313,C314,C316,C317,C319,C320,C321,C322,C323,C401,C402,C403,C404,C405,C406,C407,C409,C410,C411,C412,C413,C414,C415, C416, C417,C418,C420,C421	74.02
PSO1	C101,C102,C103,C104,C105,C106,C107,C108,C109,C111,C112,C113,C114,C201,C202,C203,C204,C205,C206,C207,C208,C210,C212,C213,C214,C215,216,217,C218,C302,C303,C304,C305,C306,C307,C308,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319,C320,C321, C322,C323,C402,C404,C405,C406,C407,C408,C410,C411,C412,C413,C414,C415,C416,C417, C419,C220,C421	87.01
PSO2	C101,C104,C105,C107,C108,C110,C111,C112,C115,C203,C204,C207,C214,217,C218,C306,C307,C308,C309,C312,C313,C314,C315,C316,C318,C319,C320,C321,C323,C402,C403,C404, C406,C407,C410,C411,C412, C416,C417,C419,C420 C421	57.14

Table 2.1.4.3: List of courses mapped with POs and PSOs for R16 Regulations

PO/PSO	**Courses mapped significantly**	**% ,of courses mapped with PO/PSO**

PO1	C101,C102,C103,C105,C106,C108,C109,C110,C111,C112,C113,C114,C115,C116,C201, C202,C203,C204,C205,C206,C207,C208,C209,C210,C211,C212,C214,C215,C216,C301, C302,C303,C305,C306,C307,C308,C310,C311,C312,C313,C314,C317,C318,C401,C402, C403,C410,C412,C415,C416,C420,C421,C422,C426,C429,C431	88.88
PO2	C101,C102,C103,C105,C106,C109,C110,C111,C112,C113,C114,C115,C116,C201,C202, C203,C204,C205,C206,C207,C208,C209,C210,C211,C212,C214,C215,C216,C301,C302, C303,C305,C306,C307,C308,C310,C311,C312,C313,C314,C317,C318,C401,C402,C403, C410,C415,C416,C420,C421,C422,C429,C431	84.12
PO3	C102,C103,C105,C106,C108,C109,C112,C113,C114,C115,C116,C201,C202,C203,C204, C205,C206,C207,C208,C209,C210,C211,C212,C213,C214,C215,C216,C301,C302,C303, C306,C307,C308,C310,C311,C312,C313,C314,C317,C318,C319,C401,C402,C403,C410, C412,C415, C416,C420,C421,C422,C426,C429,C431	85.71
PO4	C101,C102,C103,C104,C105,C106,C107,C109,C110,C111,C114,C115,C202,C203,C204, C206,C207,C208,C209,C210,C211,C212,C213,C214,C215,C216,C301,C302,C303,C305, C306, C307,C308,C310,C311,C312,C313,C314,C317,C318,C401,C410,C422	68.25
PO5	C102,C103,C106,C109,C112,C115,C116,C205,C207,C208,C209,C210,C211,C212,C214, C215,C301,C302,C303,C306,C307,C308,C310,C311,C312,C313,C314,C317,C318,C401, C402,C403, C412,C415,C416,C420,C422,C426,C429,C431	63.49
PO6	C102,C103,C104,C107,C108,C109,C115,C204,C207,C211,C212,C214,C217,C301,C303, C304,C305,C306,C308,C312,C314,C317,C319,C401,C403,C412,C415,C416,C422,C426,C429	49.20
PO7	C102,C103,C104,C107,C109,C115,C209,C211,C212,C213,C301,C302,C303,C304,C305, C306, C308,C311,C313,C314,C318,C401,C412,C420,C422,C426,C431	42.85

PO8	C104,C107,C108,C109,C115,C211,C217,C303,C308,C314,C315,C317,C319,C420,C422,C431	25.39
PO9	C101, C104,C105, C107,C110,C111,C115,C201,C202,C203,C204,C205,C206,C207,C208, C211,C213,C214,C215,C216,C217,C301,C303,C304,C305,C306,C308,C310,C311,C314,C315, C317,C318,C319,C401,C410,C412,C420,C421,C422,C426,C431	66.66
PO10	C101,C104,C105,C107,C108,C110,C111,C113,C115,C201,C203,C204,C207,C208,C211, C212, C213,C214,C216,C217,C303,C304,C308,C311,C314,C315,C317,C318,C319,C402,C410,C412, C420,C421,C422,C426,C431	58.73
PO11	C107, C115, C207,C209,C211,C213,C214,C301,C303,C308,C310,C311,C314,C318,C319, C402,C410,C412,C420,C422,C426,C431	34.92
PO12	C102,C105,C106,C108,C112,C114,C115,C116,C202,C206,C207,C211,C212,C213,C301,C302, C304,C305,C306,C307,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319,C401,C402, C403,C410,C412,C415,C416,C420,C421,C422,C429,C431	66.66
PSO1	C101,C107,C110,C111,C112,C116,C201,C202,C203,C204,C205,C206,C207,C208,C209,C210, C211,C212,C214,C215,C216,C301,C302,C303,C306,C307,C308,C310,C311,C312,C317, C318,C319,C401,C402,C403,C410,C412,C415,C416,C420,C421,C426,C429,C431	71.42
PSO2	C104,C107,C111,C112,C116,C210,C212,C215,C301,C302,C306,C307,C310,C311,C312,C313, C317,C318,C319,C401,C420,C421,C426,C431	38.09

The percentage of courses mapped to POs is shown in **Table 2.1.4.5** provides curricular gaps.Eforts are made to impart requisite knowledge by considering the following activities like pre-placement training, training on soft skills, creative / hobbypProjects, guest lectures, workshops, industrial visits, industrial visits, value added courses, pre conference workshops, paper presentations/poster presentations and Publications. T**able 2.1.4.6** shows the list of courses seeking industry support for enhancing the knowledge and skills.These courses fulfil the curricular gaps which are not met with the graduate attributes.

Table 2.1.4.5: The measures taken to meet the requirements of PO's and PSO's

Measures Taken	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**		**PSO1**	**PSO2**
Pre-placement Training	Y	Y						Y		Y		Y			Y
Training on Soft skills		Y	Y		Y			Y	Y		Y	Y		Y	Y
Creative / Hobby Projects	Y	Y	Y		Y	Y		Y	Y	Y	Y	Y		Y	Y

Guest lectures	Y	Y			Y	Y		Y		Y		Y			Y
Workshops	Y	Y	Y	Y	Y	Y		Y	Y	Y		Y		Y	Y
Industrial Visits						Y	Y	Y		Y	Y	Y			Y
Value Added Courses	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y		Y	Y
Pre Conference Workshops	Y	Y	Y	Y	Y	Y		Y	Y	Y		Y		Y	Y
Paper Presentations/ Poster Presentations	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y		Y	Y
Publications	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y		Y	Y

Table 2.1.4.5: List of courses seeking industry support for enhancing the knowledge and skills

Type of Activity	**Course**
Academic Year 2023-24	
G20 Program on “Cyber Suraksha” at Bhongiri	Adhoc Sensor Networks
Guest Lecture on “Career Opportunities on Data Science: Industry Project based learning in Machine Learning and Data Science”	Machine Learning, Data science using R
2 Days Bootcamp on “Data Visualizations using Tableau”	Machine Learning, Data science using R
Guest Lecture on “Unity Essentials”	Machine Learning
Awareness session on Learn, Grow, and Achieve	MiniProject-1
Pre-Conference workshop on “Data Science in a New Era”	Data science using R
Pre-Conference workshop on Cyber Threats	Cyber forensic

3-Day boot camp on mobile App Development using Kotlin	Full stack development
Academic Year 2022-23	
3-Day Bootcamp on Drone Workshop	Internet of Things
Guest Lecture on Exciting Career Opportunities after Engineering.	MiniProject
One day Boot camp on Big data Analytics	Project Phase-1
Bootcamp on Cyber Security	Adhoc Sensor Networks
Workshop on " Cyber security and ethical hacking"	Adhoc Sensor Networks
Bootcamp on Augmented Reality	Artificial Intelligence
Workshop on "Amazon Web Services"	Cloud Computing
Session on "Data Science in Organizations-Practical Considerations	Data Science using R
Academic Year 2021-22	
Guest Lecture on Predictive Data Analytics	Data science using R
Demo session on Virtual reality	Artificial Intelligence
VAC on MERN stack Application Development	Full Stack Development
VAC on ML Applications Using IBM Cloud & Watson Studios	Machine Learning, Cloud Computing
A Handson session on AWS Introduction	Web Technologies

Introduction to Machine Learning	Machine Learning
Online one-week International workshop on Java Programming and Android Applications	Java programming
A Session on Research Innovation and Incubation	Project Phase-II
web development	Web Technologies
Online workshop onWeb Appliction using FLASK	Web Technologies
Online workshop on Web development using Django	Web Technologies
Online one-week National Level Workshop on React JS .	Web Technologies
Academic Year 2020-21	
Online webinar on Information Security Awareness Training	ISM
Workshop on Docker-Empowering Development for Developers for III years	Web Technologies
Online webinar on Information Security Awareness Training	Information Security and Management

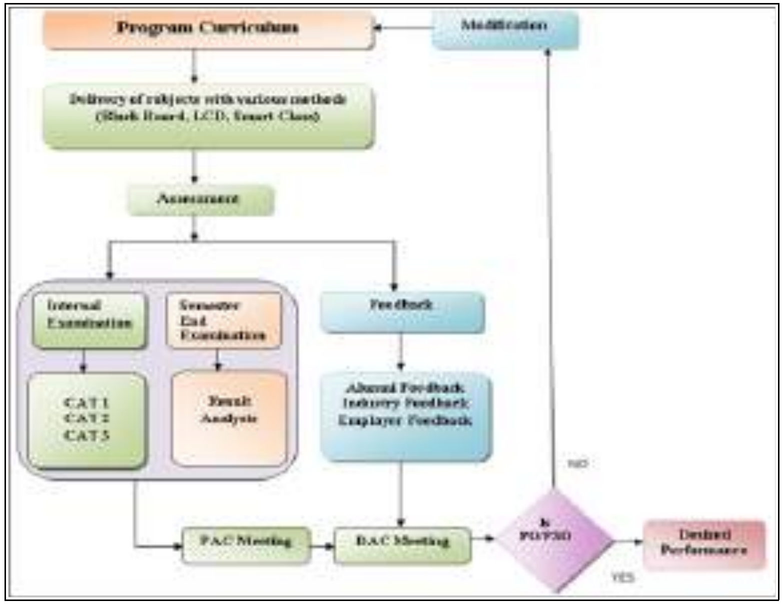

Program Curriculum
Modification
Delivery of subjects with various methods (Black Board, LCD, Smart Class)
Assessment
Internal Examination
Semester End Examination
Feedback
CAT 1
CAT 2
CAT 3
Result Analysis
Alumni Feedback
Industry Feedback
Employer Feedback
NO
PAC Meeting
DAC Meeting
Is PO/PSO
Desired Performance
YES

Figure 2.1.4.1: Process for the evaluation of Attaining PO and PSO's

From Figure 2.1.4.1 shows the process for attaining Program Outcomes (POs) and Program Specific Outcomes (PSOs) involves a multifaceted approach that encompasses various elements within the educational ecosystem. Beginning with the design and refinement of the program curriculum, concerned faculty strategically integrate diverse teaching methods, ranging from traditional blackboard instruction to modern technologies like LCD presentations and smart classrooms. These methods facilitate engaging and comprehensive delivery of subjects, catering to diverse learning styles and preferences among students. Concurrently, a robust assessment framework comprising internal examinations and semester-end evaluations ensures continuous monitoring of students progress and comprehension. Result analysis serves as a critical feedback mechanism, offering insights into performance trends and areas for improvement. Moreover, feedback loops involving students, alumni, industry stakeholders, and recruiters provide invaluable perspectives on the programs efficacy and relevance. All the suggestions given by DAC, PAC and stakeholders feedback are incorporated for designing the curriculum, further identify strategic priorities, and plan towards desired performance outcomes. This holistic approach fosters a dynamic and responsive educational environment, enabling institutions to continually refine their programs and enhance the attainment of POs and PSOs in alignment with evolving industry standards and societal needs.

2.2 Teaching-Learning Processes (70)

Total Marks 70.00

2.2.1 Describe Processes followed to improve quality of Teaching & Learning (15)

Institute Marks : 15.00

2.2.1 Describe Processes followed to improve quality of Teaching & Learning (15)

Following are the various teaching learning process adopted in the department for information technology for improvement of quality of teaching and learning

GNITS has a very good student enrolment and caters to the student diversity by exposing them to the various activities intended to improve the differential learning needs such as poster presentation, role plays, projects, industry visits and report writing etc. Students are provided with a combination of traditional and innovative methods to make learning student centric. Various programs were organized to motivate creative ability and provide a platform to encourage experiential learning, problem-solving skills, and participative learning. Students learn and master the latest technologies in order to mould them to be corporate ready. As a consequence, teachers are using ICT tools to enhance and optimize the delivery of education. GNITS provides mentoring to the students. This process nurtures the cognitive and emotional growth of students and has a positive impact on their academic achievements and persistence. The academic calendar is prepared keeping in view the diversity in learning levels of the student comprising student centric methods. The contains induction for freshers, instruction period governed by the lesson plans comprising of online learning resources, NPTEL, Government initiatives and Institutional LMS Impartus.

A. Adherence to Academic Calendar (2)

Academic calendar for I B.Tech I semester students mainly consists of 3 major phases.

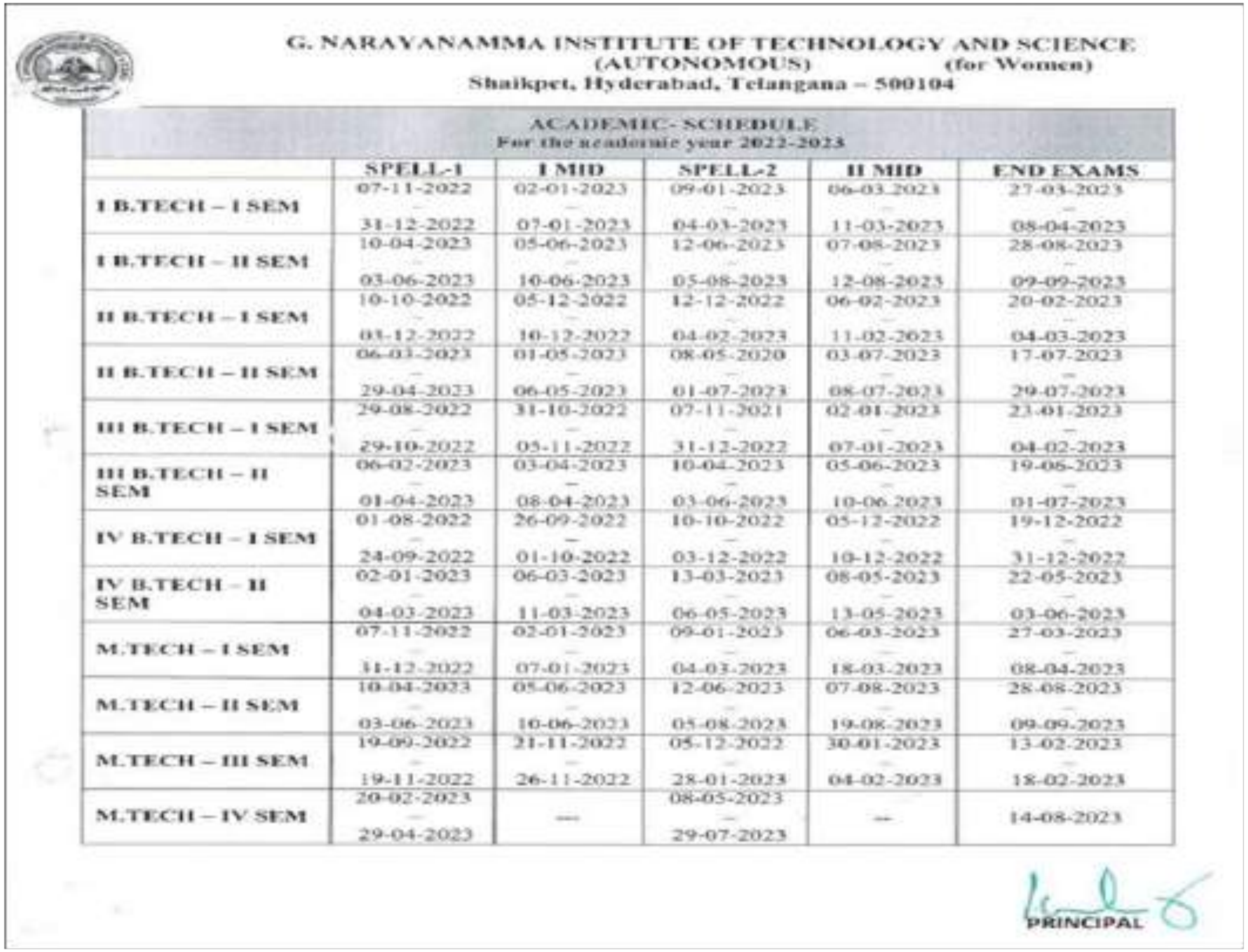
Phase 1: Orientation (Induction) program for First B.Tech students: The orientation program is meant for transforming / orienting the students from generic approach to professional approach with inputs from various resource persons.

Phase 2: Conduction of classes and labs.

Phase 3: Internal Semester Exams (Twice in a Semester), Semester End Exams and Lab Exams/Viva-Voce (Internal Lab Exam and Semester End Lab Exam).

Academic Calendar for I B.Tech – II Semester, II, III and IV B.Tech – I and II Semesters consists of only Phases 2 and 3.

Faculty submit lesson plan before the start of the semester, showing the breakup of the syllabus as per the academic calendar. There are usually 8 weeks of instruction period before First Internal Examination (Mid-1) and 8 weeks of instruction period before II Internal Examination (Mid-2), with a total of 16 weeks of teaching in a Semester. This is followed by the Lab examinations and Semester External examinations with 2 weeks allotted for two Internal Mid Examination, one week for lab External examination followed by 2 weeks of External examination, with a total of 22 weeks for a semester with 4 to 6 weeks of break for Valuation of answer scripts between even semester to odd semester. This pattern is repeated for every semester. The Mid-1 examination is for 5 days, one exam per day with internal marks of 30 (R18 regulations) and 40 Marks (R22 regulations), while the External examination is for 70 marks (R18 Regulations) and 60 marks (R22 Regulations). All the academic calendars followed on above pattern. Figure 2.2.1.1shows the consolidated academic calendar for AY 2022-23 and its adherence by conducting the Mid-1& Mid-2 and external examinations as per the academic calendar in Figure 2.2.1.2, Figure 2.2.1.3 & 2.2.1.4 below.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
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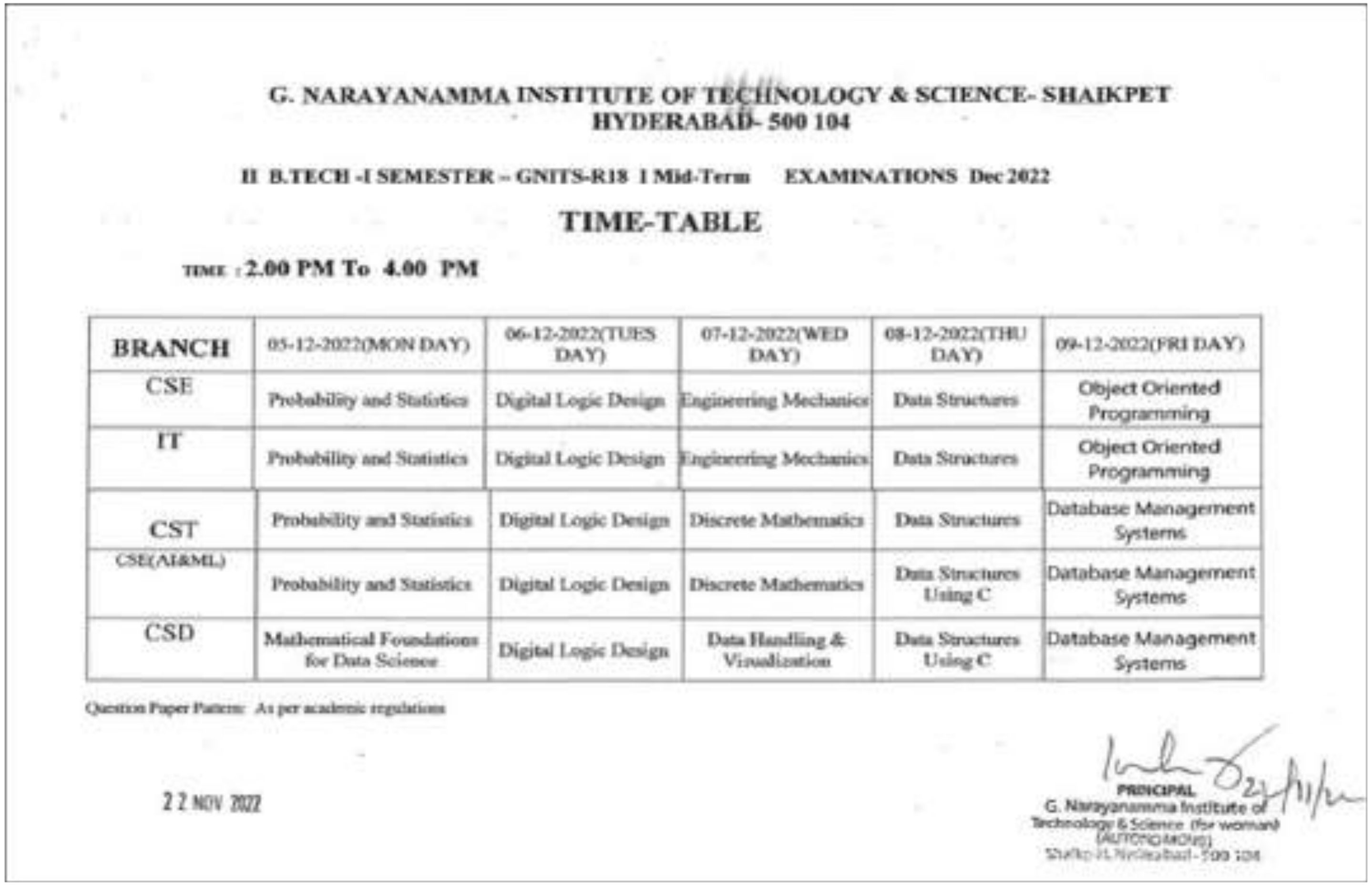
ACADEMIC- SCHEDULE
For the academic year 2022-2023

	SPELL-1	I MID	SPELL-2	II MID	END EXAMS
I B.TECH – I SEM	07-11-2022 – 31-12-2022	02-01-2023 – 07-01-2023	09-01-2023 – 04-03-2023	06-03.2023 – 11-03-2023	27-03-2023 – 08-04-2023
I B.TECH – II SEM	10-04-2023 – 03-06-2023	05-06-2023 – 10-06-2023	12-06-2023 – 05-08-2023	07-08-2023 – 12-08-2023	28-08-2023 – 09-09-2023
II B.TECH – I SEM	10-10-2022 – 03-12-2022	05-12-2022 – 10-12-2022	12-12-2022 – 04-02-2023	06-02-2023 – 11-02-2023	20-02-2023 – 04-03-2023
II B.TECH – II SEM	06-03-2023 – 29-04-2023	01-05-2023 – 06-05-2023	08-05-2020 – 01-07-2023	03-07-2023 – 08-07-2023	17-07-2023 – 29-07-2023
III B.TECH – I SEM	29-08-2022 – 29-10-2022	31-10-2022 – 05-11-2022	07-11-2021 – 31-12-2022	02-01-2023 – 07-01-2023	23-01-2023 – 04-02-2023
III B.TECH – II SEM	06-02-2023 – 01-04-2023	03-04-2023 – 08-04-2023	10-04-2023 – 03-06-2023	05-06-2023 – 10-06.2023	19-06-2023 – 01-07-2023
IV B.TECH – I SEM	01-08-2022 – 24-09-2022	26-09-2022 – 01-10-2022	10-10-2022 – 03-12-2022	05-12-2022 – 10-12-2022	19-12-2022 – 31-12-2022
IV B.TECH – II SEM	02-01-2023 – 04-03-2023	06-03-2023 – 11-03-2023	13-03-2023 – 06-05-2023	08-05-2023 – 13-05-2023	22-05-2023 – 03-06-2023
M.TECH – I SEM	07-11-2022 – 31-12-2022	02-01-2023 – 07-01-2023	09-01-2023 – 04-03-2023	06-03-2023 – 18-03-2023	27-03-2023 – 08-04-2023
M.TECH – II SEM	10-04-2023 – 03-06-2023	05-06-2023 – 10-06-2023	12-06-2023 – 05-08-2023	07-08-2023 – 19-08-2023	28-08-2023 – 09-09-2023
M.TECH – III SEM	19-09-2022 – 19-11-2022	21-11-2022 – 26-11-2022	05-12-2022 – 28-01-2023	30-01-2023 – 04-02-2023	13-02-2023 – 18-02-2023
M.TECH – IV SEM	20-02-2023 – 29-04-2023	—	08-05-2023 – 29-07-2023	—	14-08-2023

PRINCIPAL

Figure 2.2.1.1:Consolidated Academic Calendar for AY 2022-23



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II B.TECH -I SEMESTER – GNITS-R18 I Mid-Term EXAMINATIONS Dec 2022

TIME-TABLE

TIME : 2.00 PM To 4.00 PM

BRANCH	05-12-2022(MON DAY)	06-12-2022(TUES DAY)	07-12-2022(WED DAY)	08-12-2022(THU DAY)	09-12-2022(FRI DAY)
CSE	Probability and Statistics	Digital Logic Design	Engineering Mechanics	Data Structures	Object Oriented Programming
IT	Probability and Statistics	Digital Logic Design	Engineering Mechanics	Data Structures	Object Oriented Programming
CST	Probability and Statistics	Digital Logic Design	Discrete Mathematics	Data Structures	Database Management Systems
CSE(AI&ML)	Probability and Statistics	Digital Logic Design	Discrete Mathematics	Data Structures Using C	Database Management Systems
CSD	Mathematical Foundations for Data Science	Digital Logic Design	Data Handling & Visualization	Data Structures Using C	Database Management Systems

Question Paper Pattern: As per academic regulations

22 NOV 2022

22/11/22

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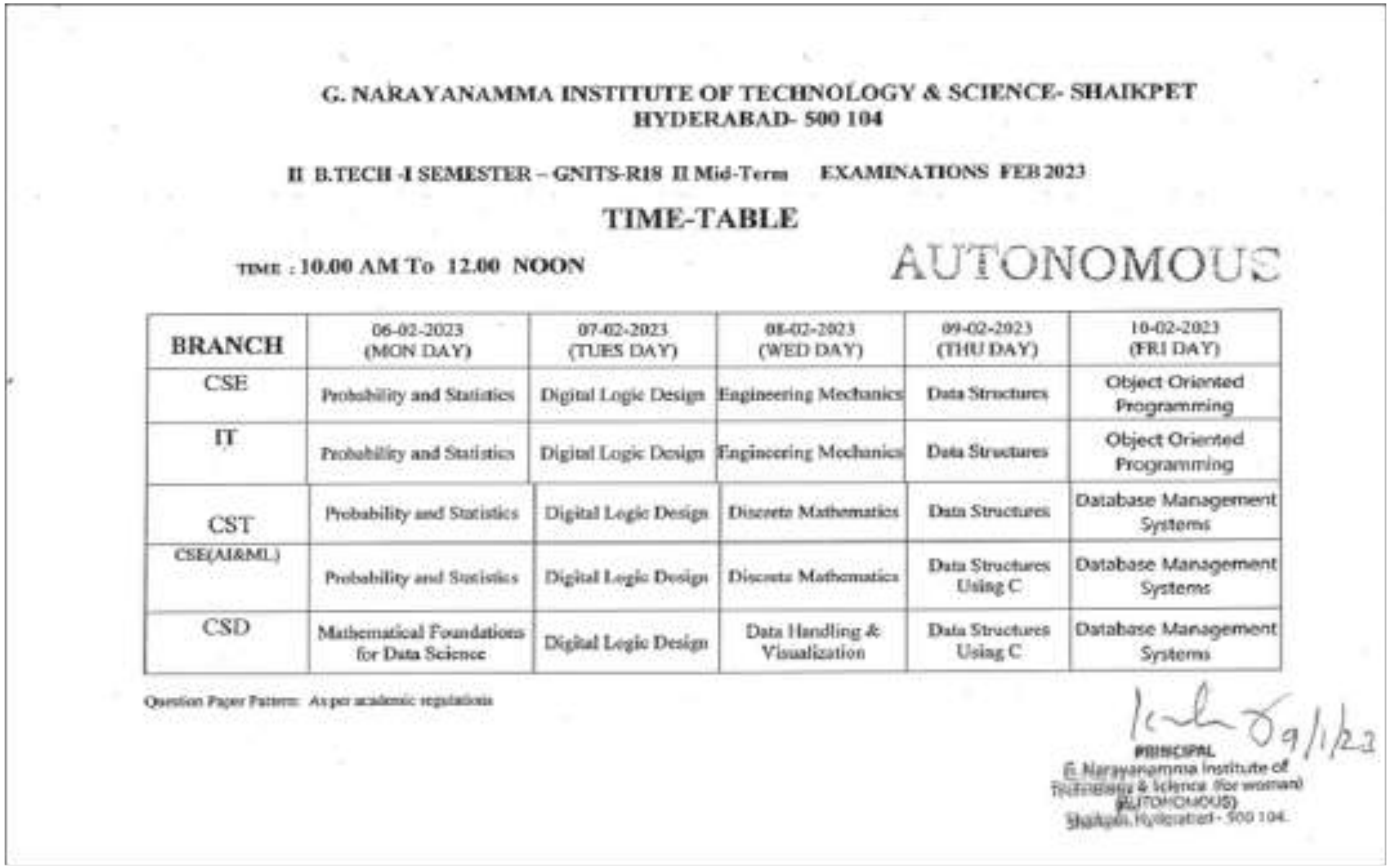
Figure 2.2.1.2: II B.Tech II Semester Mid-I schedule 2022-23



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II B.TECH -I SEMESTER – GNITS-R18 II Mid-Term EXAMINATIONS FEB 2023

TIME-TABLE

TIME : 10.00 AM To 12.00 NOON

AUTONOMOUS

BRANCH	06-02-2023 (MON DAY)	07-02-2023 (TUES DAY)	08-02-2023 (WED DAY)	09-02-2023 (THU DAY)	10-02-2023 (FRI DAY)
CSE	Probability and Statistics	Digital Logic Design	Engineering Mechanics	Data Structures	Object Oriented Programming
IT	Probability and Statistics	Digital Logic Design	Engineering Mechanics	Data Structures	Object Oriented Programming
CST	Probability and Statistics	Digital Logic Design	Discrete Mathematics	Data Structures	Database Management Systems
CSE(AI&ML)	Probability and Statistics	Digital Logic Design	Discrete Mathematics	Data Structures Using C	Database Management Systems
CSD	Mathematical Foundations for Data Science	Digital Logic Design	Data Handling & Visualization	Data Structures Using C	Database Management Systems

Question Paper Pattern: As per academic regulations

9/1/23

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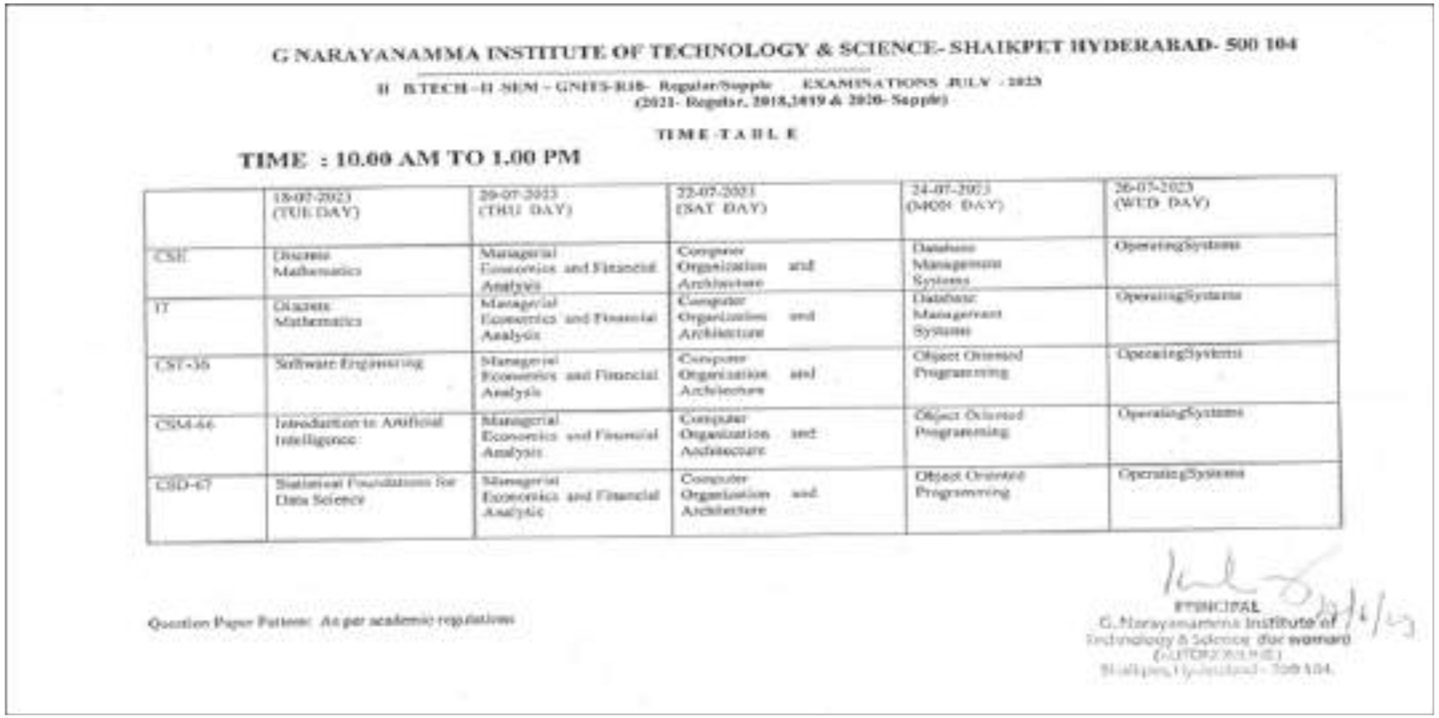
Figure 2.2.1.3: II B. Tech II Semester Mid-II schedule 2022-23



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II B.TECH –II SEM – GNITS-R18- Regular/Supple EXAMINATIONS JULY - 2023
(2021- Regular, 2018,2019 & 2020- Supple)

TIME-TABLE

TIME : 10.00 AM TO 1.00 PM

	18-07-2023 (TUE DAY)	20-07-2023 (THU DAY)	22-07-2023 (SAT DAY)	24-07-2023 (MON DAY)	26-07-2023 (WED DAY)
CSE	Discrete Mathematics	Managerial Economics and Financial Analysis	Computer Organization and Architecture	Database Management Systems	OperatingSystems
IT	Discrete Mathematics	Managerial Economics and Financial Analysis	Computer Organization and Architecture	Database Management Systems	OperatingSystems
CST-35	Software Engineering	Managerial Economics and Financial Analysis	Computer Organization and Architecture	Object Oriented Programming	OperatingSystems
CSM-66	Introduction to Artificial Intelligence	Managerial Economics and Financial Analysis	Computer Organization and Architecture	Object Oriented Programming	OperatingSystems
CSD-67	Statistical Foundations for Data Science	Managerial Economics and Financial Analysis	Computer Organization and Architecture	Object Oriented Programming	OperatingSystems

Question Paper Pattern: As per academic regulations

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Figure 2.2.1.4: II B.Tech II Semester External examination schedule

B. Pedagogical initiatives (2)

The quality of teaching-learning process is one of the major objectives and strengths of our department. Students are provided with a combination of traditional and innovative methods to make learning Student-Centric. The department of CSE provides a very good platform for students to improve their skills, knowledge and attitude to shape their behavior into multi-faceted. Various programs are organized to motivate creative ability and provide a platform to explore the pedagogical initiatives. Figure 2.2.1.6 to Figure. 2.2.1.9 shows sample copies of the methods adapted by faculty in teaching. The various student centric methods adopted in Teaching-Learning process as mentioned in Figure 2.2.1.5 can be classified into three categories and are listed in following Table 2.2.1.1.

Experiential learning highlights active participation and hands-on experience includes practical applications, real-time examples. It improves understanding, and skill development, making learning more effective. The methods implemented are Workshops, Seminars, Virtual Lab, Simulation, Review Web Literature.

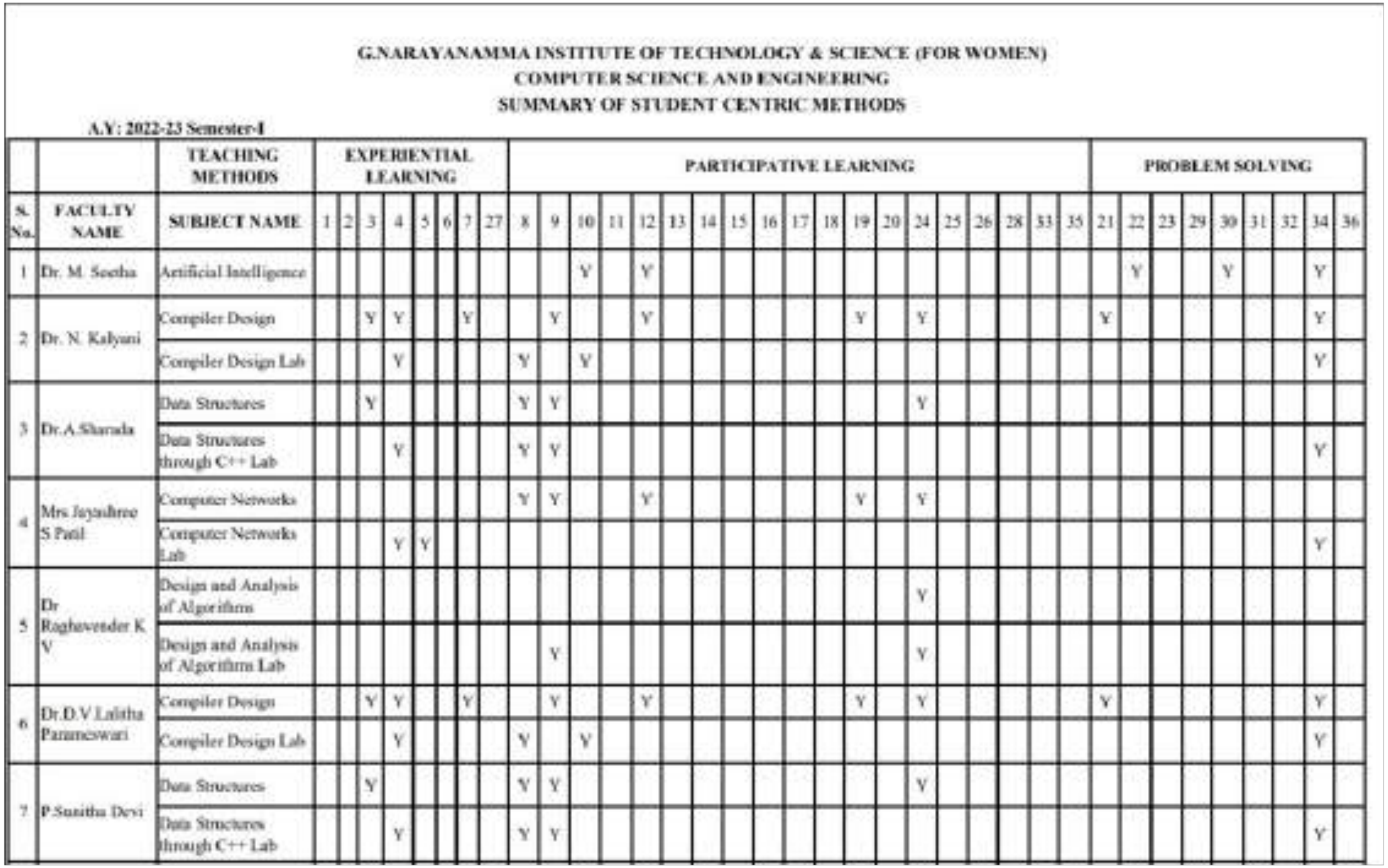
Participative learning encourages students to share ideas, interact and collaborate for developing projects. This motivates students to take up group activities, nurtures a supportive learning environment, promotes critical thinking and develop communication skills. The methods implemented are Video, Demonstration, Activity-based learning, Think-Pair-Share, Guest Lecture, Professional Practice School, GD/Debate, MOOCs, PPT.

Problem Solving: Problem solving is the process of defining a problem, identifying its root cause, prioritizing and selecting potential solutions, and implementing the chosen solution. It is a thought process to find solutions to problems and hurdles. It involves recognizing the problem, analyzing its root cause, exploring probable solutions and implementing the most appropriate one. Effective problem-solving skills are essential in various aspects of life. With critical thinking, creativity and logical reasoning, individuals can address complex issues and take decisions to overcome difficulties. The methods implemented are Project-based learning, Real-time case studies, Worksheets, Open Book Test, Proto-type model, Viva, Public Speaking are used to encourage Problem solving methods.

Table 2.2.1.1 Classification of Student Centric Methods

EXPERIENTIAL LEARNING	PARTICIPATIVE LEARNING	PROBLEM SOLVING
Hackathons (1)	Video (8)	Project based learning (21)
Workshops (2)	Demonstration (9)	Real time case studies (22)
Seminars (3)	Activity-based learning (10)	Worksheets (23)
Virtual Lab (4)	Jigsaw (11)	Open book test (29)
Simulation (5)	Think pair share (12)	Proto type model (30)
Role play (6)	Flipped Class room (13)	Cross words (31)
Review web literature (7)	Plicker (14)	Research Projects (32)
Journal Review (27)	Guest lecture (15)	Viva (34)
	Professional practice school (16)	Poster presentation (36)
	GD/ debate (17)	
	Peer learning groups (18)	
	MOOCs (19)	
	Google Classroom (20)	
	PPT (24)	
	Kahoot (25)	
	Mind Map (26)	

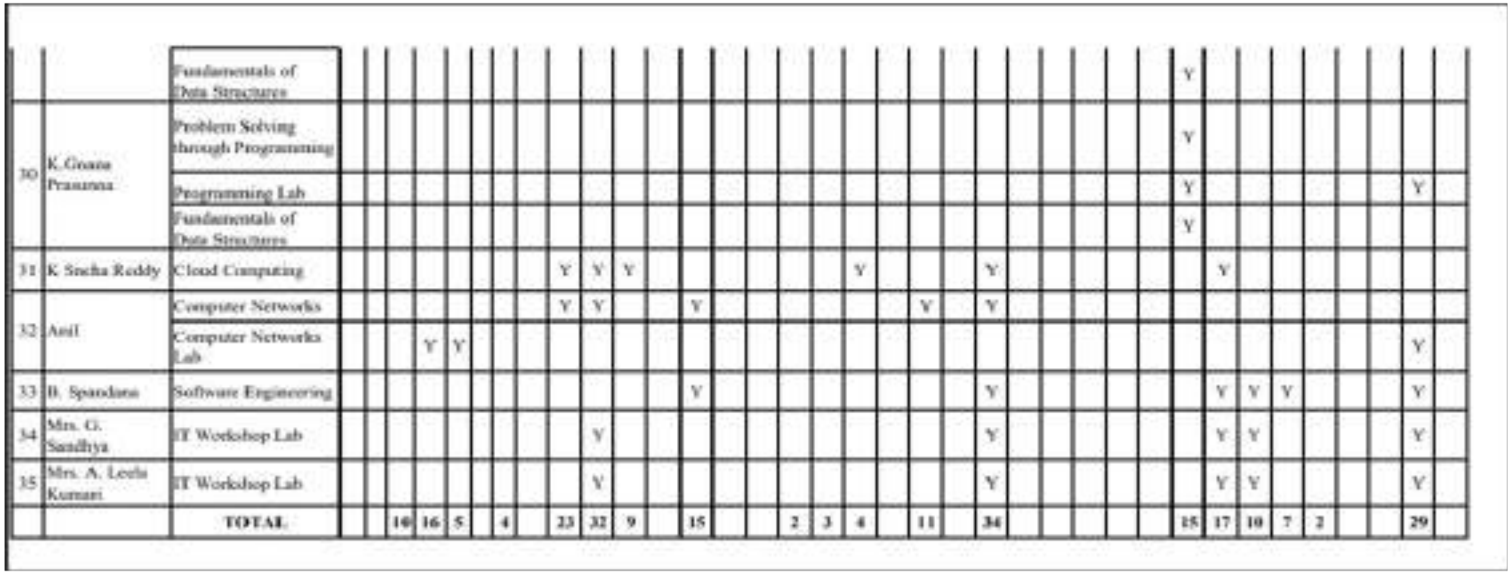
	Pogil (28) Language games (33) Public speaking (35)	



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (FOR WOMEN)
COMPUTER SCIENCE AND ENGINEERING
SUMMARY OF STUDENT CENTRIC METHODS

A.Y: 2022-23 Semester-I

		TEACHING METHODS	EXPERIENTIAL LEARNING								PARTICIPATIVE LEARNING																			PROBLEM SOLVING								
S. No.	FACULTY NAME	SUBJECT NAME	1	2	3	4	5	6	7	27	8	9	10	11	12	13	14	15	16	17	18	19	20	24	25	26	28	33	35	21	22	23	29	30	31	32	34	36
1	Dr. M. Seetha	Artificial Intelligence											Y		Y																Y			Y			Y	
2	Dr. N. Kalyani	Compiler Design			Y	Y			Y			Y			Y							Y		Y						Y							Y	
		Compiler Design Lab				Y					Y		Y																								Y	
3	Dr.A.Sharada	Data Structures			Y						Y	Y												Y														
		Data Structures through C++ Lab				Y					Y	Y																									Y	
4	Mrs Jayashree S Patil	Computer Networks									Y	Y			Y							Y		Y														
		Computer Networks Lab				Y	Y																														Y	
5	Dr Raghavender K V	Design and Analysis of Algorithms																						Y														
		Design and Analysis of Algorithms Lab										Y												Y														
6	Dr.D.V.Lalitha Parameswari	Compiler Design			Y	Y			Y			Y			Y							Y		Y						Y							Y	
		Compiler Design Lab				Y					Y		Y																								Y	
7	P.Sunitha Devi	Data Structures			Y						Y	Y												Y														
		Data Structures through C++ Lab				Y					Y	Y																									Y	



		Fundamentals of Data Structures																											Y								
30	K. Gnana Prasanna	Problem Solving through Programming																											Y								
		Programming Lab																											Y							Y	
		Fundamentals of Data Structures																											Y								
31	K Sneha Reddy	Cloud Computing									Y	Y	Y							Y				Y							Y							
32	Anil	Computer Networks									Y	Y			Y							Y		Y														
		Computer Networks Lab				Y	Y																														Y	
33	B. Spandana	Software Engineering													Y									Y							Y	Y	Y				Y	
34	Mrs. G. Sandhya	IT Workshop Lab										Y												Y							Y	Y					Y	
35	Mrs. A. Leela Kumari	IT Workshop Lab										Y												Y							Y	Y					Y	
		TOTAL			10	16	5		4		23	32	9		15			2	3	4		11		34						15	17	10	7	2			29	

Figure 2.2.1.5: Summary of Teaching Methods used by faculty in AY 2022-23, I Sem

G. Narayanamma Institute of Technology & Science

Autonomous (For Women)

Department of Computer Science and Engineering

Subject: Programming Lab

Academic Year: 2023-2024

Class/Semester: I B.Tech I Sem

Name of the Faculty: Mrs. K. Sindhura, Mrs. Y. Sravani Devi

Methodology: Viva-Voce

Figure 2.2.1.6: Pedagogical Initiative – Viva-Voce conduction for I Year B.Tech students

Course
Computer Science and Engineering
CSE III Computer Networks
39 Lectures
Mrs.D. Naga...
Mrs.D. Naga...
Mrs.D. Naga...

Figure 2.2.1.7: Pedagogical Initiative – Impartus videos of Computer Networks Subject

G. Narayanamma Institute of Technology & Science

AUTONOMOUS (For Women)

Department of Computer Science and Engineering

Methodology: Think Pair Share

Subject: Computer Networks **Academic Year: 2020-2021**

Class/Semester: III B.Tech I Sem **Name of the Faculty: Mrs. Jayashree S Patil**

Topic: Congestion Control Approaches

Figure 2.2.1.8: Pedagogical Initiative - Think Pair Share for Computer Networks Subject

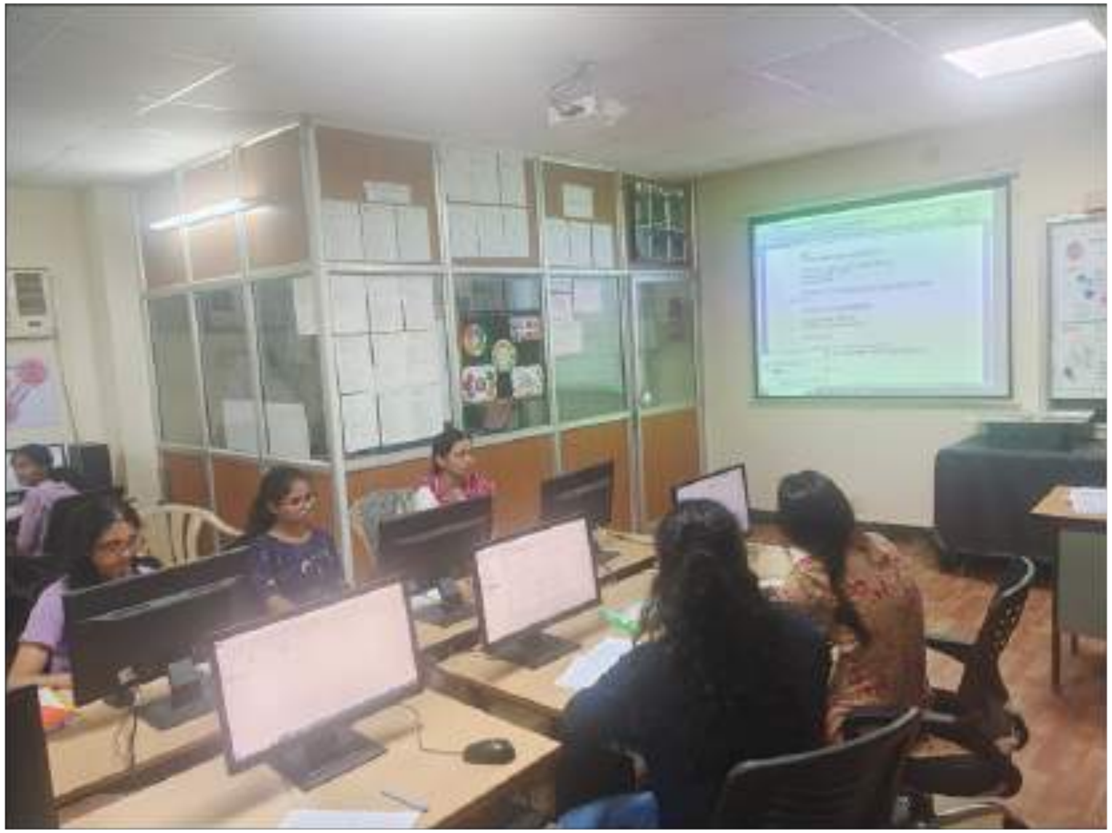


Figure 2.2.1.9: Pedagogical Initiative - Real Time Case Study for Developing a Web Application

C. Methodologies to support weak students and encourage bright students assisting weak Students (2)

Assisting Weak Students

The students taking admission into this college from diverse social, cultural, economic and linguistic backgrounds with varied levels of knowledge, aptitudes and skills making their learning needs uniquely differential, hence their learning capabilities are different.

Upon students' admission, an Induction program is conducted to the students towards professional courses/ communication. Continuous Internal Assessment components like Class Tests, Assignments, Quizzes, Projects, Seminars, Poster Presentations, Group Discussions, Role Plays, Analytical Reviews, Presentations and Internships help assess the learning levels of the students to identify slow and advanced learners. Figure 2.2.1.10 shows the methodology to identify weak and bright students.

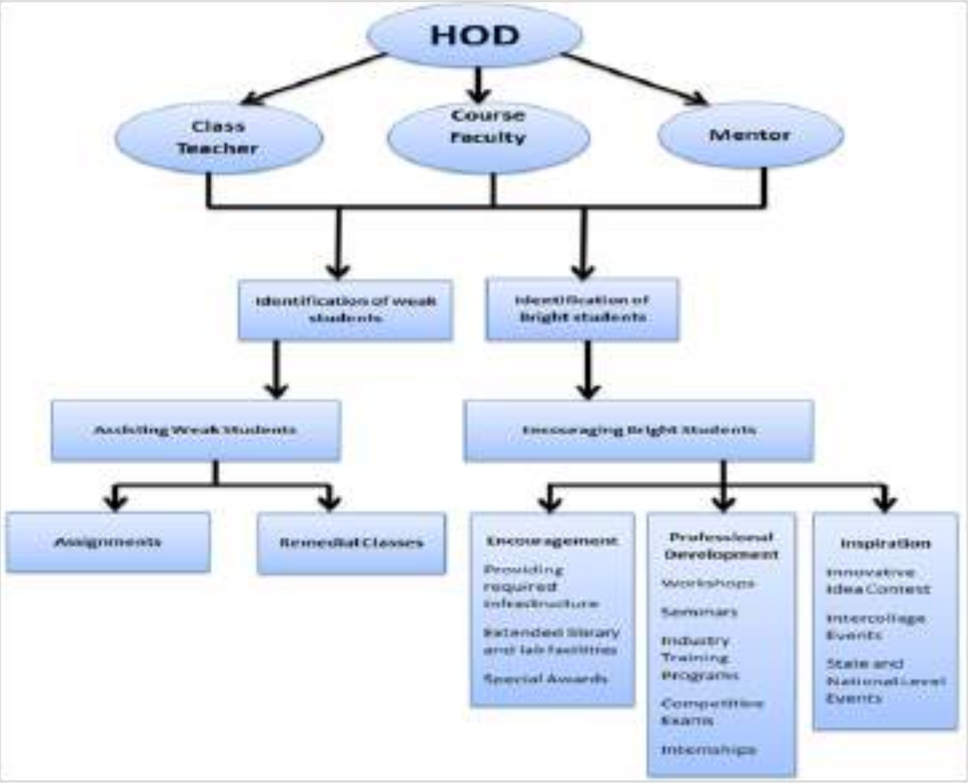

HOD
Class Teacher
Course Faculty
Mentor
Identification of weak students
Identification of Bright students
Assisting Weak Students
Encouraging Bright Students
Assignments
Remedial Classes
Encouragement
Providing required infrastructure
Extended library and lab facilities
Special Awards
Professional Development
Workshops
Seminars
Industry Training Programs
Competitive Exams
Internships
Inspiration
Innovative Idea Contest
Intercollage Events
State and National Level Events

Figure 2.2.1.10: Methodology to identify Weak and Bright students

The students are classified as slow learners and advanced learners as given below:

- Slow Learners (less than 40% in Mid marks)
- Advanced Learners (85% and above)

Measures taken for slow learners:

For the students who are identified as Slow Learners, CSE Department supports them by providing the following facilities as shown in Figure 2.2.1.11:

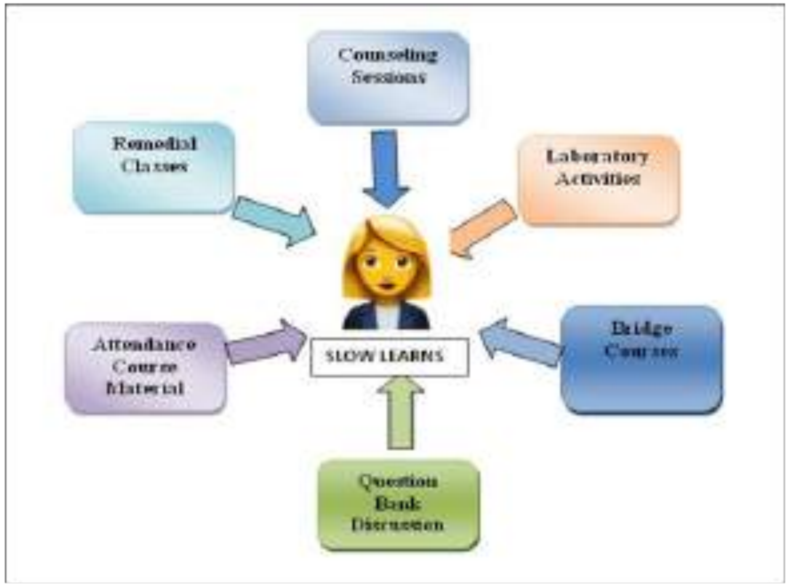
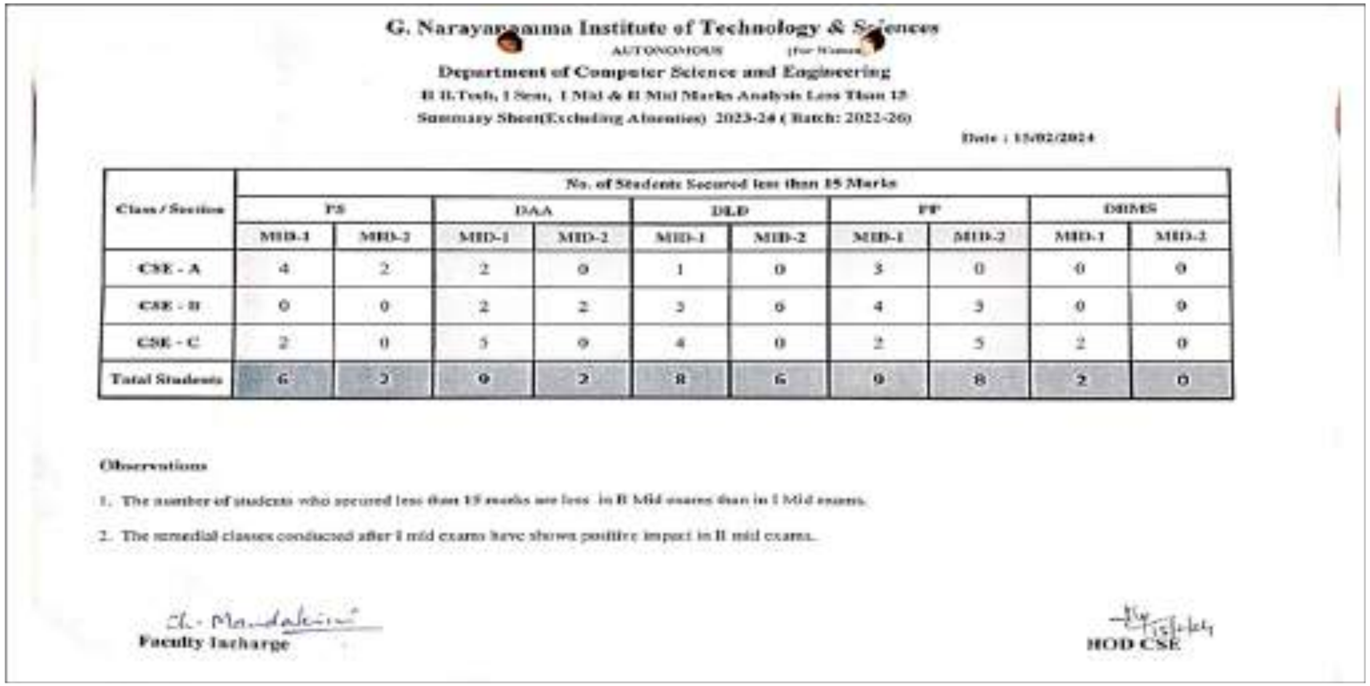

Counseling Sessions
Remedial Classes
Laboratory Activities
Attendance Course Material
SLOW LEARNS
Bridge Courses
Question Bank Discussion

Figure 2.2.1.11: List of Activities for Slow Learners

Counselling Sessions: Every Course Instructor identifies students who have scored below 40% marks in internal semester examinations-I as Slow Learners in their respective courses Figure 2.2.1.12 shows the analysis of mid marks who got less than 15. They meet these students, ascertain the reasons for their low scores, and counsel them accordingly. Sample copy of counselling sessions for weak students is shown in Figure.2.1.13.



G. Narayanamma Institute of Technology & Sciences
AUTONOMOUS (For Women)
Department of Computer Science and Engineering
II B.Tech, I Sem, I Mid & II Mid Marks Analysis Less Than 15
Summary Sheet(Excluding Absentees) 2023-24 (Batch: 2022-26)

Date : 15/02/2024

Class / Section	No. of Students Secured less than 15 Marks									
	FS		DAA		DLD		PP		DBMS	
	MID-1	MID-2	MID-1	MID-2	MID-1	MID-2	MID-1	MID-2	MID-1	MID-2
CSE - A	4	2	2	0	1	0	3	0	0	0
CSE - B	0	0	2	2	3	6	4	3	0	0
CSE - C	2	0	5	0	4	0	2	5	2	0
Total Students	6	2	9	2	8	6	9	8	2	0

Observations

1. The number of students who secured less than 15 marks are less in II Mid exams than in I Mid exams.
2. The remedial classes conducted after I mid exams have shown positive impact in II mid exams.

Ch. Mandakini
Faculty Incharge

HOD CSE

Figure 2.2.1.12 Analysis of Mid marks less than 15

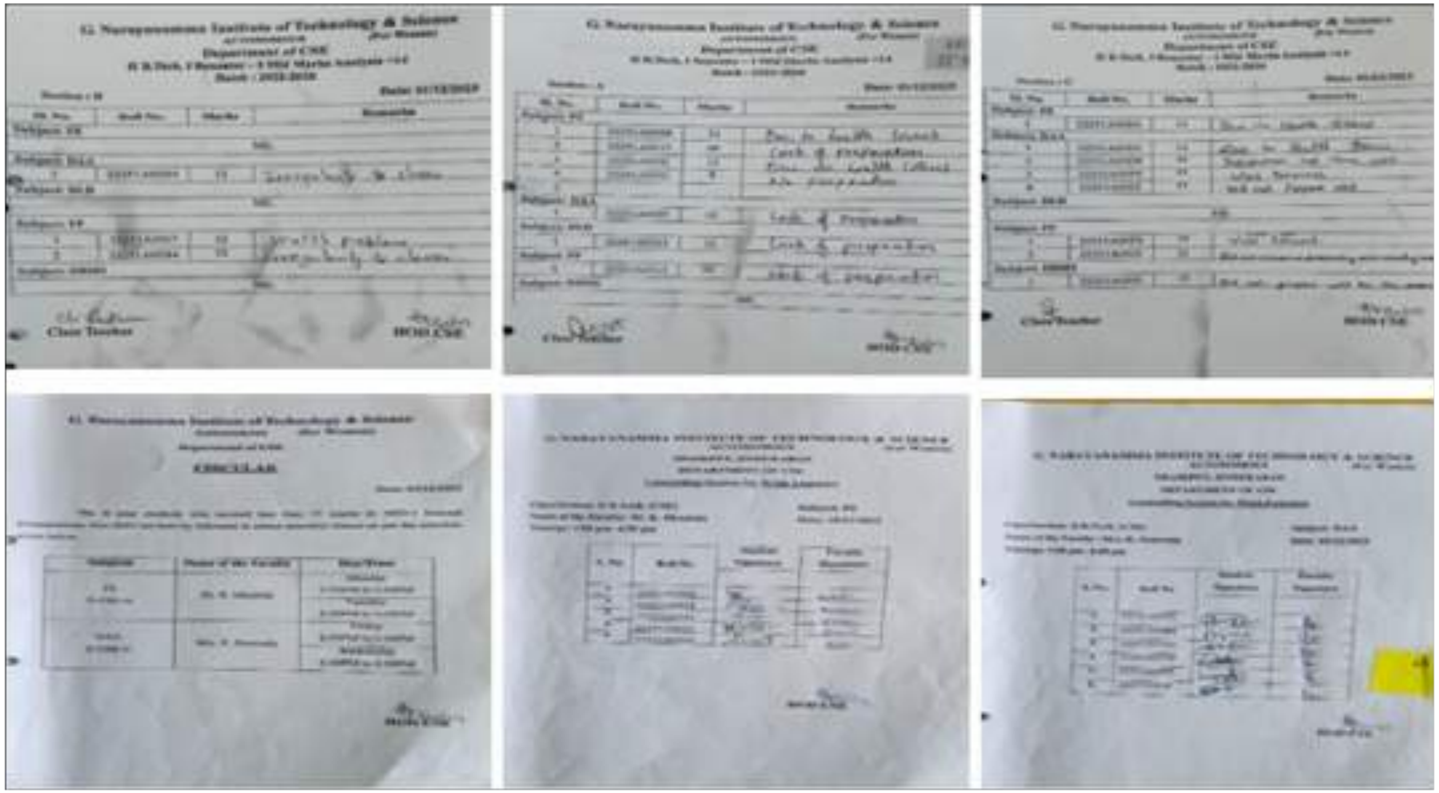


Figure 2.2.1.13: Sample format showing Counseling sessions for Weak Learners

- **Laboratory Activities:** Some of the Courses in each Semester are associated with Labs. Lab activities can benefit slow learners in many ways:
    - Rather than solely depending on theoretical explanations, practical hands-on experiences can make abstract concepts easier to understand. Faculty can dedicate additional help to Slow Learners so that they understand difficult concepts, which may be challenging to convey solely through theoretical classes.
    - Slow Learners may struggle with traditional classroom instruction because they find it difficult to stay engaged. Activities and labs often make them interactive and stay engaged, which can increase motivation and interest in subject.
    - Laboratory activities make the students collaborate and work together, share ideas and learn from one another. The Slow Learner can benefit from peer support and assistance, as well as get an opportunity to explain concepts to their peers, which can deepen their own understanding.
- **Bridge Courses:** Every year, around 18 students enroll in the Second year after completion of their diploma course as Lateral Entries. As they lack exposure to the Mathematical Courses offered in First year, they encounter difficulty in understanding Courses which require mathematical proficiency. To support these students, Mathematics faculty offer bridge courses during the first semester of second year. The Bridge Course aims to make the students get familiarized with the concepts they missed in First Year, providing them with a foundational understanding of further coursework. One hour in every week is provided for the Bridge course. Sample copy of Time Table with Mathematics Bridge Course (MBC) is shown in Figure 2.2.1.14.

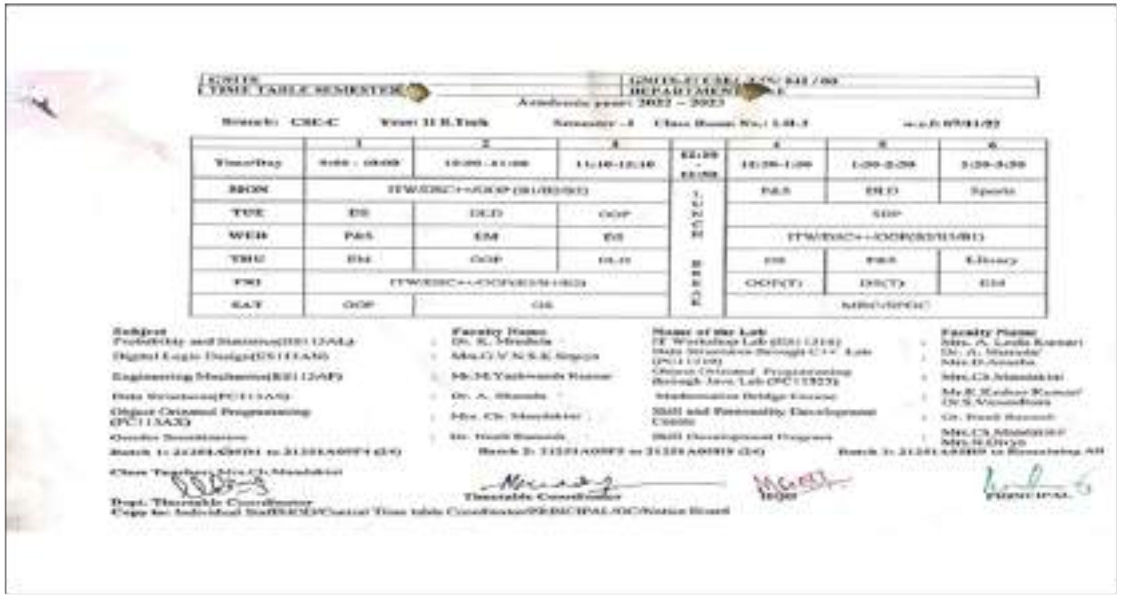
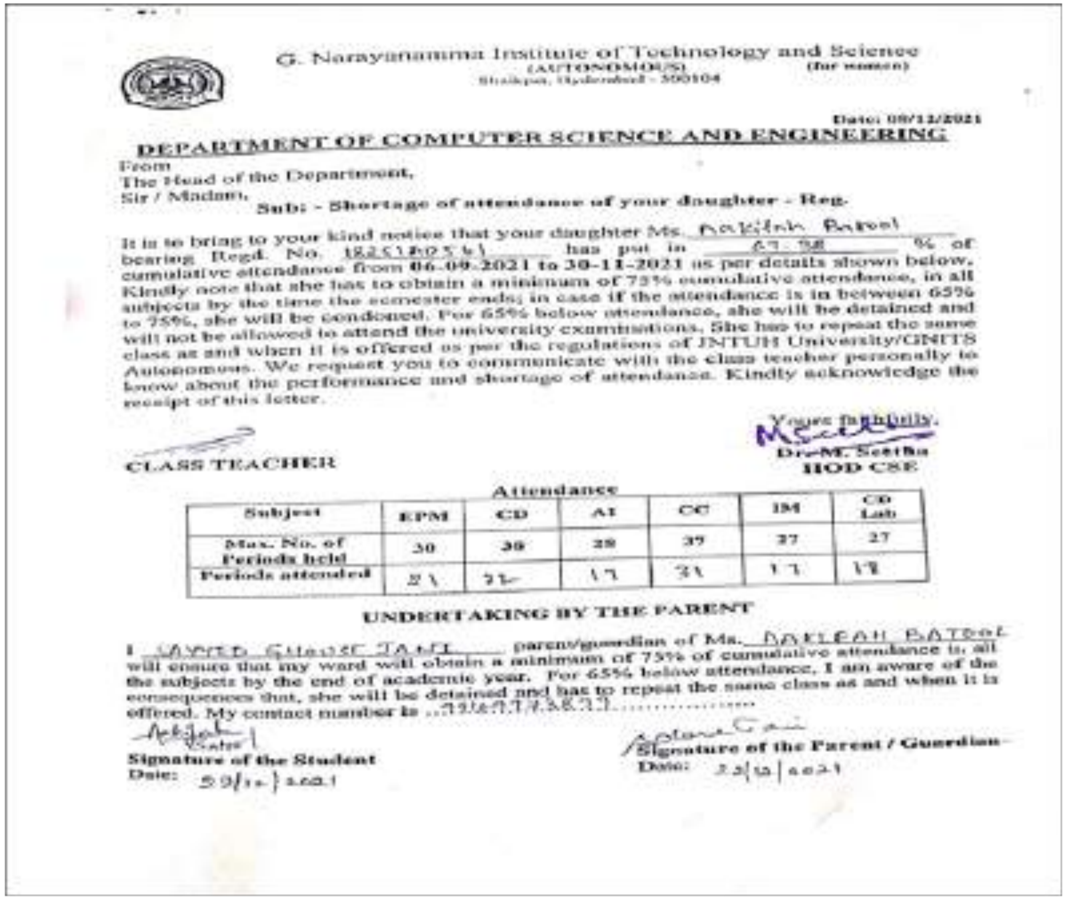


Figure 2.2.1.14 Timetable showing Math Bridge Course (MBC)

- **Question Bank Discussion:** The faculty prepares a Question Bank containing frequently asked questions from previous semester exams or some questions designed to understand the key concepts. These questions cover the entire Course and are supplied to slow learners. They are encouraged to solve these Questions independently and meet the respective course instructor to seek clarification. This approach aims to help the slow learners to build confidence in attempting the Semester End Examinations.
- **Attendance, Course Material:** Most commonly it is observed that students who are irregular in attending classes will tend to perform low in their academics. To address this issue, the following measures are implemente.
- Each Course Instructor monitors student attendance at the end of every month. If a Student attendance falls below 75%, they are reminded of the importance of regular attendance.
- Every faculty is responsible for counselling a group of 18 students. At the month end, an attendance report will be prepared for all courses. If a student's attendance is below 75%, a communication letter is sent to their parent/ guardian through the student, informing them of the situation. If the attendance is below 65%, the counsellor directly posts the letter to the parent/ guardian. Sample copy of shortage of attendance form (below 65%) and communication to parent is shown in Fig. 2.2.1.15.
- For each class, a Class Teacher is assigned to communicate with the parents/guardians if a student's attendance falls below 65%. They provide a detailed report on the reasons for the student's absence, which is submitted monthly.



G. Narayanamma Institute of Technology and Science
(AUTONOMOUS) (for women)
Shaikpet, Hyderabad - 500104

Date: 09/12/2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

From
The Head of the Department,
Sir / Madam,

Sub: - Shortage of attendance of your daughter - Reg.

It is to bring to your kind notice that your daughter Ms. Rakeeah Batool bearing Regd. No. 18251A05[illegible] has put in 67.98 % of cumulative attendance from 06-09-2021 to 30-11-2021 as per details shown below. Kindly note that she has to obtain a minimum of 75% cumulative attendance, in all subjects by the time the semester ends; in case if the attendance is in between 65% to 75%, she will be condoned. For 65% below attendance, she will be detained and will not be allowed to attend the university examinations. She has to repeat the same class as and when it is offered as per the regulations of JNTUH University/GNITS Autonomous. We request you to communicate with the class teacher personally to know about the performance and shortage of attendance. Kindly acknowledge the receipt of this letter.

CLASS TEACHER

Yours faithfully,
MSeetha
Dr. M. Seetha
HOD CSE

Attendance

Subject	EPM	CD	AI	CC	IM	CD Lab
Max. No. of Periods held	30	30	28	37	27	27
Periods attended	21	22	17	31	17	17

UNDERTAKING BY THE PARENT

I JAVEED GHOUSE JANI parent/guardian of Ms. RAKEEAH BATOOL will ensure that my ward will obtain a minimum of 75% of cumulative attendance in all the subjects by the end of academic year. For 65% below attendance, I am aware of the consequences that, she will be detained and has to repeat the same class as and when it is offered. My contact number is [illegible]

Signature of the Student
Date: [illegible]/12/2021

Signature of the Parent / Guardian
Date: [illegible]/12/2021

Figure 2.2.1.15 Sample Copy of Shortage of Attendance Form and Communication to Parent

- **Remedial Classes:** Remedial classes are conducted to assist students in understanding the subject thoroughly and to bring the students on par with their peers in the class.
- **Regular Follow up :** Conducting Remedial classes, clarifying doubts, providing unit wise question bank, class teachers follow up with students having less attendance, class notes and previous question papers are shared with students and guidance is given to boost the confidence of students.

Encouragement for Advanced learners:

For the students who are identified as Fast Learners, CSE Department encourages them by providing various activities other than their regular course work which is depicted in Figure 2.2.1.16

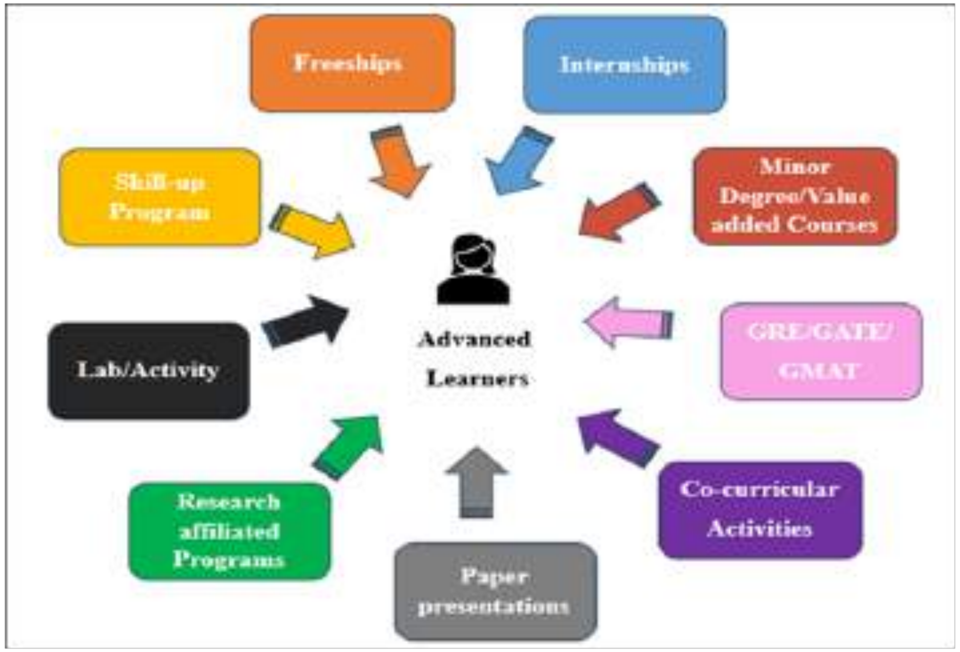

Freeships
Internships
Skill-up Program
Minor Degree/Value added Courses
Advanced Learners
Lab/Activity
GRE/GATE/ GMAT
Co-curricular Activities
Research affiliated Programs
Paper presentations

Figure 2.2.1.16: List of Activities for Advanced Learners

1. Free ships: At the end of every academic year, Freeships are granted to students across various categories as a token of appreciation. Table 2.2.1.2 shows the consolidated data for Freeships of A.Y: 2022-23,2021-22, and 2020-21. Free ships are given for academic toppers, attendance toppers, best placement pay package students, gold medal winners, Young Engineer award, topers in competitive Exams, higher studies, projects shown in Table 2.2.1.3 to Table 2.2.1.5

Table 2.2.1.2: **Consolidated data for Freeships of A.Y: 2022-23,2021-22, and 2020-21**

Name of the Event	2022-23	2021-22	2020-21
Academic Topper	115	38	40
Attendance Toppers	72	52	42
Best Placement Pakage	2	5	2
Gold Medal	1	1	1
Young Engineer Awards	-	1	1
College Topper Award	-	1	-
Best Outgoing Student Award	1	-	-
Top Ranker in IELTS	4	1	-

Top Ranker in GATE	-	-	1
Top Ranker in GRE	1	1	1
Top Ranker in TOFEL	1	1	1
Major Projects	58	28	29
Mini Projects	59	33	27

Table 2.2.1.3: Freeships for Academic Year 2022-23

S.No	Total no of students	Name of the Scheme	Program	Section	Roll No.	Name of the Student	Percentage/ Score / Package / CGPA	Prize	Amount
1	1	AcademicToppers	I B.Tech	CSE-A	22251A0554	Mada Sharanya	95.63	I	1000
	2				22251A0540	Gaddam Sadhvitha	94.75	II	800
	3				22251A0538	Chirra Srihitha Reddy	94.13	III	700
	4				22251A0534	Bale Bhavani	93.88	IV	600
	5				22251A0523	N Sai Varshitha	93.75	V	500
	6			CSE-B	22251A0574	G Harshitha Reddy	96.13	I	1000
	7				22251A0576	Gunda Sai Prasanna	95.63	II	800
	8				22251A0570	Chiluka Srimukha	94.13	III	700
	9				22251A05C1	Siddamshetti Shravya	93.75	IV	600
	10				22251A0575	G Sneha Sameera	93.63	V	500
	11				22251A0582	Kesa Sai Sathvika	93.63	V	
	12			CSE-C	22251A05E0	Gattu Divija	95.00	I	1000
	13				22251A05F1	Seelam Gowthami	95.00	I	
	14				22251A05F6	Valipireddy Hiranya	94.88	II	800
	15				22251A05H4	Kothuru Sai Pooja	94.88	II	800
	16				22251A05D3	Banukunta Lahari	94.25	III	700
	17				22251A05J6	Sumayya Kaleem	94.25	III	
	18				22251A05D8	Gandla Manisha	93.63	IV	600
	19				22251A05E1	Kolipineni Koushika	93.50	V	500
	20		II B.Tech	CSE-A	21251A0508	Inkollu Deepika	10.00	I	1000

	21				21251A0528	Songa Keerthi	10.00	I	
	22				21251A0559	Rayapati Manisha	10.00	I	
	23				21251A0520	Peddaboyina Swetha	9.85	II	800
	24				21251A0525	Samreen Fatima	9.85	II	
	25				21251A0543	K Shireesha	9.85	II	
	26				21251A0512	Konga Mamatha	9.80	III	700
	27				21251A0534	Andamdas Tejeshwini	9.80	III	700
	28				21251A0532	Vyala Thrishathi	9.70	IV	600
	29				21251A0540	Ganjikunta Sai Vyshnavi	9.70	IV	
	30				21251A0555	Penneru Madhuri Priya	9.70	IV	
	31				21251A0515	Medishetty Rashitha	9.66	V	500
	32				21251A0521	Puskur Sathwika	9.66	V	
	33				21251A0538	Erukala Pavani	9.66	V	
	34				21251A0550	Manpreet Kaur	9.66	V	
	35			CSE-B	21251A05C2	Rapolu Deekshitha	9.85	I	1000
	36				21251A05B7	Munukuntla Greeshma	9.78	II	800
	37				21251A05C7	Spandana Sripada	9.78	II	
	38				21251A0589	Patlolla Shrujana Reddy	9.70	III	700
	39				21251A0595	Sunka Supriya	9.70	III	
	40				21251A05B5	Mittapally Akshitha	9.70	III	
	41				21251A05B8	Munukuntla Ramya Sri	9.70	III	
	42				21251A0570	Bondla Poojitha	9.66	IV	600
	43				21251A0580	Katta Abhigna Reddy	9.66	IV	
	44				21251A05A8	K Sahithi	9.66	IV	
	45				21251A0572	Chintam Sohan	9.61	V	500
	46			CSE-C	21251A05E2	Janamanchi Shravya	9.80	I	1000
	47				21251A05G8	Chakravarthi Vangmai	9.70	II	800
	48				21251A05G9	Chinta Keerthana	9.70	II	
	49				21251A05F2	Nancharla Shivani	9.66	III	700

	50				21251A05J2	Pamula Divya	9.66	III	700
	51				21251A05J4	Rapolu Keerthi	9.66	III	
	52				21251A05D3	Challa Poojitha	9.56	IV	600
	53				21251A05D4	C Vijaya Rishitha	9.56	IV	
	54				21251A05E3	Kailasa Nagajyothi	9.40	V	500
	55				21251A05J1	Mupparapu Madhulika	9.40	V	
	56				21251A05K3	Yerramreddy Gayathri	9.40	V	
	57		III B.Tech	CSE-A	20251A0542	Guda Tharunya Varma	10.00	I	1000
	58				20251A0556	Tahniyath Zamani Sama Faruqui	9.85	II	800
	59				20251A0509	Line Meghana	9.70	III	700
	60				21255A0504	Racharla Harshini	9.65	IV	600
	61				20251A0555	Thimmajipet Rajeshwari	9.63	V	500
	62			CSE-B	20251A0561	A Somayajula Meghana	10.00	I	1000
	63				20251A0576	Nune Kusuma	9.85	II	800
	64				20251A05B7	Sistla Sai Pallavi	9.85	II	
	65				20251A0591	B Deekshitha	9.80	III	700
	66				20251A0594	Bollam Abhigna	9.80	III	
	67				20251A0596	Chekuri Hema	9.80	III	
	68				20251A0584	Somepally Srikeerthi	9.70	IV	600
	69				20251A0589	Vangaveeti Niharika	9.70	IV	
	70				20251A05B9	Veeramallu Rupa Sree	9.70	IV	
	71				20251A0582	Sakki Maheshwari	9.65	V	500
	72				20251A0598	Eravelly Sanjana	9.65	V	
	73			CSE-C	20251A05F0	Vangaveti Vaishnavi	9.70	I	1000
	74				20251A05E8	Thota Venkata Naga Reva Shreeya	9.65	II	800
	75				20251A05E9	Tumkur Meenakshi	9.65	II	

	76				20251A05E0	Oruganti Soumya Mani Madhavi	9.55	III	700
	77				20251A05E3	Salana Hima Varsha	9.55	III	
	78				20251A05H3	Pendyala Sai Harshitha Reddy	9.55	III	
	79				20251A05C7	Gummadivelli Maneesha	9.50	IV	600
	80				20251A05F1	A Chandana	9.50	IV	
	81				20251A05E2	Rokati Manisha	9.45	V	500
	82				20251A05F3	Badduru Sandhya	9.45	V	
	83				21255A0515	Merugu Mounya	9.45	V	
	84		IV B.Tech	CSE-A	19251A0514	Chepuri Sai Tejaswini	9.86	I	1000
	85				19251A0516	Chimmiri Monica Chowdary	9.86	I	
	86				19251A0504	Alugubelly Shivani Reddy	9.71	II	800
	87				19251A0512	Ch Venkateshan Naga Saisriya	9.71	II	
	88				19251A0519	Daripalli Aparna	9.57	III	700
	89				19251A0507	B. Nayanika Reddy	9.43	IV	600
	90				19251A0508	Bhavanam Vijaya Lakshmi	9.43	IV	
	91				19251A0510	Bindela Tharuni	9.43	IV	
	92				19251A0541	Modem Keerthana	9.43	IV	
	93				19251A0556	Suram Rishika Reddy	9.43	IV	
	94				19251A0544	Narayana Sree Bhavani	9.20	V	500
	95				19251A0511	Bitla Sharon	9.20	V	
	96			CSE-B	19251A0565	Arpita Bejugam	9.43	I	1000
	97				19251A0579	Dosapati Divya	9.43	I	
	98				19251A0585	Jallipalli Mounika	9.43	I	
	99				19251A0590	K Sai Sreelekha	9.43	I	
	100				19251A05B1	S Keerthana Pravallika	9.43	I	

	101				19D21A0502	Aditi Chandoju	9.38	II	800
	102				19251A0580	Elaprolu Vandana	9.29	III	700
	103				19251A05A9	Radhika Gandla	9.24	IV	600
	104				19251A05B2	Satwika Reddy Lankireddy	9.19	V	500
	105				19251A0598	Mothukuri Ashritha	9.19	V	
	106			CSE-C	19251A05D1	Bashetty Shreya	9.86	I	1000
	107				19251A05C3	Alla Monika	9.67	II	800
	108				19251A05C2	Afshan Khan	9.62	III	700
	109				19251A05C4	Athkuri Sahithi	9.57	IV	600
	110				19251A05E4	Goudampally Sai Sindhuja	9.57	IV	
	111				19251A05F9	Maroju Shivani	9.57	IV	
	112				19251A05G3	Nimmala Bhavani	9.57	IV	
	113				19251A05C5	B Abhinaya	9.43	V	500
	114				19251A05D9	Damarla Venkata Sai Chandana	9.43	V	
	115				19251A05J0	Yada Vaishnavi	9.43	V	
2	116	Attendance Toppers	I B.Tech	CSE-A	22251A0505	Botcha Anudeepthi	98.19	I	1000
	117				22251A0517	Kande Srija	96.15	II	800
	118				22251A0501	Allam Jayasri Madhuri	95.92	III	700
	119				22251A0515	Harshitha Gadi	95.69	IV	600
	120				22251A0516	Kalava Yasaswitha	95.69	IV	
	121				22251A0536	Banavath Sirisha	95.46	V	500
	122				22251A0537	Ch Sai Samyuktha	95.46	V	

	123			CSE-B	22251A0597	Adirala Anusri	99.53	I	1000
	124				22251A05C1	Siddamshetti Shravya	99.07	II	800
	125				22251A0579	Jillala Rishika Reddy	98.14	III	700
	126				22251A05B9	Papana Deepya	98.14	III	
	127				22251A05A1	Ayyagari Supriya	97.44	IV	600
	128				22251A05B5	Kikkalla Hithasree	97.44	IV	
	129				22251A0574	Govindu Harshitha	97.21	V	500
	130			CSE-C	22251A05H4	Kothuru Sai Pooja	98.45	I	1000
	131				22251A05E1	Kolipineni Koushika	98.01	II	800
	132				22251A05J6	Sumayya Kaleem	98.01	II	
	133				22251A05F5	Upputuri Rachitha Sai	96.90	III	700
	134				22251A05F6	Valipireddy Hiranya	95.80	IV	600
	135				22251A05G4	Bhupathiraju Akshitha	95.80	IV	
	136				22251A05F1	Seelam Gowthami	95.58	V	500
	137				22251A05H3	Kondapally Ridhika	95.58	V	
	138		II B.Tech	CSE-A	21251A0559	Rayapati Manisha	97.95	I	1000
	139				21251A0562	Talakanti Tejashwini	96.58	II	800
	140		II B.Tech	CSE-A	21251A0512	Konga Mamatha	96.36	III	700

	141				21251A0538	Erukala Pavani	95.02	IV	600
	142				22255A0507	Vavilala Amrutha Varshini	94.53	V	500
	143			CSE-B	21251A05C8	Tadakamalla Lakshmi Rishitha	98.83	I	1000
	144				22255A0513	Malreddy Sai Priya	98.12	II	800
	145				21251A05B0	Karumanchi Gnapika	97.48	III	700
	146				21251A05A3	Devarampally Shreya Reddy	95.87	IV	600
	147				21251A0572	Chintam Sohan	95.18	V	500
	148			CSE-C	21251A05E2	Janamanchi Shravya	97.94	I	1000
	149				21251A05J8	Suddapalli Dedeepya	96.79	II	800
	150				21251A05D6	Dumpala Varsha	96.33	III	700
	151				21251A05F2	Nancharla Shivani	95.64	IV	600
	152				21251A05K3	Yerramreddy Gayathri	94.95	V	500
	153		III B.Tech	CSE-A	20251A0518	P Shreya	97.97	I	1000
	154				20251A0507	Himaja Elluru	94.67	II	800
	155				20251A0547	Nandimalla Mounika	94.63	III	700
	156				20251A0550	Puram Pravallika	92.33	IV	600
	157		III B.Tech		21255A0501	Kakarla Mounika Chowdary	92.33	IV	
	158				20251A0532	Akurathi Meghana	91.88	V	500

159			CSE-B	20251A0591	B Deekshitha	98.49	I	1000
160				20251A05B9	Veeramallu Rupa Sree	97.97	II	800
161				20251A0566	Gajula Veera Nandika	97.23	III	700
162				21255A0508	Pochu Sushmitha	96.95	IV	600
163				20251A0578	Pendli Sowmya	95.97	V	500
164			CSE-C	20251A05C6	Guguloth Someshwari	94.86	I	1000
165				20251A05F3	Badduru Sandhya	94.13	II	800
166				20251A05H3	Pendyala Sai Harshitha Reddy	94.13	II	
167				20251A05D5	Lode Harini	94.09	III	700
168				21255A0518	Yara Anusha	93.62	IV	600
169				20251A05D3	Lade Srini	93.32	V	500
170		IV B.Tech	CSE-A	19251A0538	Mailaram Akhila	89.26	I	1000
171				19251A0516	Chimmiri Monica Chowdary	88.34	II	800
172				19251A0527	Gundala Tripthi	88.34	II	
173				19251A0515	Chiluveru Minati	88.04	III	700
174				19251A0514	Chepuri Sai Tejaswini	87.12	IV	600
175				19251A0510	Bindela Tharuni	86.81	V	500
176			CSE-B	19251A0590	K Sai Sreelekha	99.40	I	1000

	177				19251A0581	Epparapally Deepika	98.21	II	800
	178				19251A0575	Dadi Lakshmi Sai Srujana	97.92	III	700
	179				19251A05B7	Thatwadi Sreehitha	97.92	III	
	180				19251A0589	Kuchanpally Rithika Reddy	97.32	IV	600
	181				19251A0599	Muduganti Sathwika	96.73	V	500
	182			CSE-C	19251A05F0	Kamisetti Swarna Savitri	94.12	I	1000
	183				19251A05J0	Yada Vaishnavi	90.88	II	800
	184				19251A05C5	B Abhinaya	88.82	III	700
	185				19251A05G3	Nimmala Bhavani	88.24	IV	600
	186				19251A05C2	Afshan Khan	87.65	V	500
	187				19251A05C6	B Shreya	87.65	V	
3	188	Best Placement Award	IV B.Tech	CSE-B	19251A05A0	Charitha Nagapuri	4654000	I	2000
	189			CSE-B	19251A05B1	Keerthana Pravallika Samudrala			
4	190	Gold Medal Award	B.Tech	CSE-C	19251A05D9	D Venkata Sai Chandana	9.74	I	5000
5	191	Best Outgoing Student Award	B.Tech	CSE-C	19251A05D9	D Venkata Sai Chandana	9.74	I	2000
6	192	Top Ranker in IELTS	B.Tech	CSE-A	19251A0553	Areeb Sharia	8	I	1000
	193			CSE-C	19251A05C1	Adusumilli Yagna Gayathri			
	194			CSE-C	19251A05D4	Challa Sai Charitha			

	195			CSE-C	19251A05D5	Sri Nikitha Challa			
	196	Top Ranker in GRE	B.Tech	CSE-B	19251A05C9	Bandi Sruthi	330	I	1000
	197	Top Ranker in TOEFL	B.Tech	CSE-B	19271A0573	Kanukuntla Anvitha	112	I	1000
7	198	Major Projects	B.Tech	CSE-A	19251A0535	M.Bhavani	Generative Data Augmentation and ARMD classification	I	1000
	199				19151A0544	N.Sreebhavani			
	200				19251A0545	P.Chandana Reddy			
	201				19251A0559	V.Abhignya Reddy			
	202		B.Tech	CSE-A	19251A0514	Chepuri Sai Tejaswini	Language Interpretation Using Machine Learning	II	800
	203				19251A0515	ChiluveruMinati			
	204				19251A0539	CheruvuManusree			
	205				19251A0541	Modem Keerthana			
	206				19251A0505	AruguntaSravani	An Effective Machine Learning approach to detect Cyberbullying in tweets	III	700
	207				19251A0512	C.V. Naga Saisriya			
	208				19251A0546	PadalaKavya			
	209				19251A0555	SowmyaSreeAnupati			
	210				19251A0502	D. Akhila	Diabetic Retinopathy Classification Using Deep Learning	IV	600
	211				19251A0548	P. Srinidhi			
	212				19251A0547	P. Srija			
	213				20255A0501	T. Shivani			
	214				19251A0508	Vijayalakshmi	DR detection through Segementation and Feature Extractiong using CNN	V	500
	215				19251A0531	VineelaKethe			
	216				19251A0532	Vaishnavi Kora			
	217				19251A0543	MysollaGayathri			
	218			CSE-B	19251A05B1	S.Keerthana Pravallika	Spoofed Caller ID Detection	I	1000
	219				19251A05B5	S.Divya			
	220				19251A05B2	Satwika Lankireddy	Detection of	II	800

	221				20255A0508	G.Poojitha	Dysarthria from speech		
	222				20255A0509	Kiranmayee			
	223				19D21A0502	Adithi			
	224				19251A0571	Dhanya Bodapati	Deep Learning Paradigm for time series crypto currency prediction	III	700
	225				19251A0580	Vandana E			
	226				19251A0597	Lahari M			
	227				19251A05A3	Navya P			
	228				19251A0566	A.Sravanthi	Multimodal based alret generation system for stress detection	IV	600
	229				19251A0592	K. Spandana			
	230				19251A0599	M.Sathwika			
	231				19251A05A5	Sankeerthana			
	232				19251A0576	D.Pravalika	Binary Classification of fundus images obtained with the G-eye smart phone retinal imaging system	V	500
	233				19251A0581	E.Deepika			
	234		B.Tech		19251A0587	J Sanjana priya			
	235				19251A0588	J Rachana			
	236			CSE-C	19251A05D1	Bashetty Shreya	Retina Capturing using portable device and classification of images for prevalence of eye disease	I	1000
	237				19251A05G2	Mudavath Saroja			
	238				19251A05G5	Pallerla Sai Priya			
	239				19251A05J0	Yada Vaishnavi			
	240				19251A05D9	Damarla Venkata Sai Chandana	Inclusiveness of Hearing impaired children in schools using avatar	II	800
	241				19251A05C6	Bogi Shreya			
	242				19251A05F0	Kamisetti Swarna Savitri			
	243				19251A05G9	Rathlavath Raja Rajeswari			

	244				19251A05E9	Harshitha Kalidindi	Screening of Dysgraphia among children using machine learning	III	700
	245				19251A05F5	Varshini Manchikatla			
	246				19251A05F6	Soujanya Madavedi			
	247				19251A05F7	Bhavana Mala			
	248				19251A05C8	Bandari Akshitha	Diagnosis of Fetal Brain abnormalities using deep learning	IV	600
	249				19251A05C9	Bandi Sruthi			
	250				19251A05G6	Potu Bhargavi			
	251				19251A05G8	Ramavath Navya			
	252				19251A05C2	Afshan Khan	Glucose monitoring using deep learning techniques	V	500
	253				19251A05D0	B Vidya Sree			
	254				19251A05D6	Ch Pratyusha			
	255				19251A05F8	Manaal Ghouse			
8	256	Mini Projects	B.Tech	CSE-A	19251A0505	A Sravani	3 Rs	I	700
	257				19251A0512	C V Naga Sai Sriya			
	258				19251A0546	Kavya			
	259				19251A0555	Sowmya Sree Anupati			
	260				19251A0509	Begari Shailija	Multimode Serveillance System for online examination	II	600
	261				19251A0519	Aparna			
	262				19251A0526	Gyatri Shambhu Shastri			
	263				19251A0506	Taluka Tejaswini			
	264		B.Tech	CSE-A	19251A0514	Chepuri Sai Tejaswini	Polypredix	III	500

	265				19251A0515	Chiluveru Minati			
	266				19251A0539	Manusree			
	267				19251A0541	Modem Keerthana			
	268				19251A0502	D Akhila	Feature extraction to detect DR from retinal images	IV	400
	269				19251A0548	Palakala Srinidhi			
	270				19251A0547	Pagadala Srija			
	271				20255A0501	T Shivani			
	272				19251A0507	B Nayanika Reddy	Organic solutions for plant nurture	V	300
	273				19251A0516	Ch Monica Chowdary			
	274				19251A0510	B Taruni Reddy			
	275				19251A0518	D Himaja			
	276			CSE-B	19251A0565	Arpita Bejugam	Xpand Reality	I	700
	277				19251A0572	Hasitha			
	278				19251A0590	K Sai Sreelekha			
	279				19251A0595	M.Srihitha			
	280				19251A0566	A.Sravanthi	Multimodal Stress Detection System	II	600
	281				19251A0592	K. Spandana			
	282				19251A0599	M.Sathwika			

	283				19251A05B1	S.Keerthana Pravallika			
	284				19251A0571	Dhanya Bodapati	Automatic remainder generator for GNITS academic events using machine learning	III	500
	285				19251A0580	Vandana E			
	286				19251A0597	Lahari M			
	287				19251A05A3	Navya P			
	288				19251A0598	M.Ashritha	Personality Classification from text by deep learning techniques	IV	400
	289				19251A05B0	S.Alankruthi			
	290				20255A0508	G.Poojitha			
	291				19251A05A0	Charitha Nagapuri	Summarization of research articles using deep learning technique	V	300
	292				19251A05A4	P.Sujana sri			
	293				19251A05A9	Radhika Gandla			
	294				19251A05B4	S Lavanya			
	295			CSE-C	19252A05C3	A.Monika	Stress detection in women using speech analysis	I	700
	296		B.Tech		19251A05E6	G.Sarvagna			
	297				19251A05F1	K.Meghana			
	298				19251A05F3	Shirley Angelina			
	299				19251A05D1	Bashetty Shreya	Deep Learning Model with Progressive GAN	II	600
	300				19251A05G2	Mudavath Saroja			

	301				19251A05G5	Pallerla Sai Priya	(Generative Adverserial Networks) for Diabetic Retinipathy		
	302				19251A05J0	Yada Vaishnavi			
	303				19251A05D2	C. Sharika Reddy	Bus Tracking and Virtual Buspass : Easy bus	III	500
	304				19251A05D4	Challa Sai Charitha			
	305				19251A05F2	K. Pujitha			
	306				19251A05G7	Rajoli Lakshmi Krithika			
	307				19251A05G1	Mohini Awadiya	Sarcasm Detection with contextual features	IV	400
	308				19251A05G3	N.Bhavani			
	309				19251A05H0	S.Pranathi			
	310				19251A0512	K.Soumya			
	311				19251A05F4	L.Ramyasri	Segmentation of Lung Regions with Juxta-Pleura Nodules using Image Processing Techniques	V	300
	312				19251A05F9	M.Shivani			
	313				20255A0513	T.Sahithi			
	314				20255A0516	K.Jyothika			
		Total no of students 314							**118900**

Table 2.2.1.4: Freeships for Academic Year 2021-22

S.No	Total no of students	Name of the Scheme	Program	Section	Roll No.	Name of the Student	Percentage/ Score / Package / CGPA	Prize	Amount

1	1	AcademicToppers	I B.Tech	CSE-A	21251A0550	Manpreet Kaur	9.89	I	2000
	2				21251A0525	Samreen Fatima	9.82	II	1000
	3				21251A0528	Songa Keerthi	9.82	II	1000
	4				21251A0552	Natasha Tanoom	9.82	II	1000
	5				21251A0520	Peddaboyina Swetha	9.79	III	500
	6			CSE-B	21251A05C2	Rapolu Deekshitha	9.84	I	2000
	7				21251A05B8	Munukuntla Ramya Sri	9.76	II	1000
	8				21251A0572	Chintam Sohan	9.74	III	500
	9			CSE-C	21251A05G9	Chinta Keerthana	9.84	I	2000
	10				21251A05G3	Adla Vasundhara	9.76	II	1000
	11				21251A05G2	Vuppala Shreya	9.67	III	500
	12		II B.Tech	CSE-A	20251A0540	Gaddam Prathyusha	9.68	I	2000
	13				20251A0507	Himaja Elluru	9.66	II	1000
	14				20251A0542	Guda Tharunya Varma	9.66	II	1000
	15				20251A0556	Tahniyath Zamani Sama Faruqui	9.66	II	1000
	16				20251A0520	S Tejaswini	9.56	III	500
	17				20251A0524	Shaik Liyakhath	9.56	III	500
	18			CSE-B	20251A0561	A Somayajula Meghana	9.76	I	2000
	19				20251A05A9	Mahendra Anusha	9.68	II	1000
	20				20251A0584	Somepally Srikeerthi	9.61	III	500
	21			CSE-C	20251A05E9	Tumkur Meenakshi	9.56	I	2000
	22				20251A05C5	Gopishetty Bhanu Sri	9.51	II	1000
	23				20251A05F3	Badduru Sandhya	9.46	III	500
	24				20251A05E3	Salana Hima Varsha	9.46	III	500
	25				20251A05F1	A Chandana	9.46	III	500

	26		III B.Tech	CSE-A	19251A0516	Chimmiri Monica Chowdary	9.85	I	2000
	27				19251A0510	Bindela Tharuni	9.78	II	1000
	28				19251A0514	Chepuri Sai Tejaswini	9.78	II	1000
	29				19251A0519	Daripalli Aparna	9.70	III	500
	30			CSE-B	19251A0580	Elaprolu Vandana	9.75	I	2000
	31				19251A0579	Dosapati Divya	9.60	II	1000
	32				19251A0565	Arpita Bejugam	9.55	III	500
	33				19251A0590	K Sai Sreelekha	9.55	III	500
	34				19D21A0502	Aditi Chandoju	9.55	III	500
	35			CSE-C	19251A05D9	Damarla Venkata Sai Chandana	9.68	I	2000
	36				19251A05F9	Maroju Shivani	9.68	I	2000
	37				19251A05D1	Bashetty Shreya	9.60	II	1000
	38				19251A05F6	Madavedi Soujanya	9.55	III	500
	39	Attendance Toppers	IV B.Tech	CSE-A	18251A0560	Yeluri Priya Amrutha	9.64	I	2000
	40				18251A0511	Kalyani Bhargavi	9.57	II	1000
	41				18251A0518	Muthigari Sathwika	9.57	II	1000
	42				18251A0543	Koppula Aishwarya	9.57	II	1000
	43				18251A0556	T Aarthika	9.57	II	1000
	44				18251A0526	Swetha Pathepuram	9.54	III	500
	45				18251A0553	Rajarapu Christina	9.54	III	500
	46			CSE-B	18251A0572	J Sushma	9.71	I	2000
	47				18251A0583	Aleti Nikitha	9.71	I	2000
	48				18251A0594	Bhallamudi Nainisha	9.71	I	2000
	49				18251A0582	Reddy Sai Prasanna Laxmi	9.57	II	1000
	50				18251A0568	Divi Pushpanjali	9.56	III	500
	51			CSE-C	18251A05C9	Ifrah Fatima	9.71	I	2000
	52				18251A05F9	Ikkurthi Keertana	9.63	II	1000

	53				18251A05C1	A Sree Meghana	9.57	III	500
2	54		I B.Tech	CSE-A	21251A0559	Rayapati Manisha	98.53	I	1500
	55				21251A0554	Pamula Kavya	97.5	II	1000
	56				21251A0525	Samreen Fatima	97.08	III	500
	57			CSE-B	21251A05B0	Karumanchi Gnapika	99.85	I	1500
	58				21251A0593	Shaik Laikha Kulsoom	99.55	II	1000
	59				21251A05C8	Tadakamalla Lakshmi Rishitha	99.55	II	1000
	60				21251A05C2	Rapolu Deekshitha	99.39	III	500
	61			CSE-C	21251A05E2	Janamanchi Shravya	99.58	I	1500
	62				21251A05J8	Suddapalli Dedeepya	99.43	II	1000
	63				21251A05G2	Vuppala Shreya	99	III	500
	64		II B.Tech	CSE-A	21255A0504	Racherla Harshini	97.94	I	1500
	65				20251A0518	P Shreya	97.69	II	1000
	66				20251A0541	Gande Charishma	97.56	III	500
	67			CSE-B	20251A0591	B Deekshitha	99.26	I	1500
	68				20251A0584	Somepally Srikeerthi	97.15	II	1000
	69				20251A0564	Dega Sunnihitha	96.56	III	500
	70			CSE-C	20251A05H3	Pendyala Sai Harshitha Reddy	97.21	I	1500
	71				20251A05C8	Indoori Vaishnavi	96.67	II	1000
	72				20251A05E5	Sankepalli Swathi	95.91	III	500
	73		III B.Tech	CSE-A	19251A0516	Chimmiri Monica Chowdary	95.07	I	1500
	74				19251A0538	Mailaram Akhila	94.52	II	1000
	75				19251A0527	Gundala Tripthi	93.01	III	500
	76			CSE-B	19251A0569	Bhavana Reddy Kanthala	94.76	I	1500

	77				19251A05A9	Radhika Gandla	94.23	II	1000
	78				19251A0590	K Sai Sreelekha	93.36	III	500
	79			CSE-C	19251A05C5	B Abhinaya	97.37	I	1500
	80				19251A05F9	Maroju Shivani	94.85	II	1000
	81				20255A0513	Thalla Sahithi	93.06	III	500
	82		IV B.Tech	CSE-A	18251A0546	Meda Meghana	96.85	I	1500
	83				18251A0534	Chirumala Nikhitha	95.26	I	1500
	84				18251A0533	Chanpreet Kaur Chawla	94.86	II	1000
	85			CSE-B	18251A0590	Vempati Sai Priya	90.48	I	1500
	86				18251A0586	Shatharajupally Niharika	90.44	II	1000
	87				18251A05A2	Janagama Ushasini	90.42	III	500
	88			CSE-C	18251A05D3	Manne Reshma	99.18	I	1500
	89				18251A05G5	Mikkilineni Aarthi	98.37	II	1000
	90				18251A05E7	Shubhasri Vanam	97.28	III	500
3	91	Best Placement Award	IV B.Tech	CSE-B	18251A0582	Sai Prasanna Lakshmi	Twilio : 45.6 Lakhs Including Restricted Stock Unit	I	2000
	92			CSE-C	18251A05C9	Ifrah Fatima	Twilio : 45.6 Lakhs Including Restricted Stock Unit	I	2000
	93			CSE-A	18251A0547	M Sri Venkata Lakshmi Sasirekha	Flipkart : 19.8 Lakhs	II	1000
	94			CSE-C	18251A05Cl	A.Sree Meghana	Flipkart : 19.8 Lakhs	II	1000
	95			CSE-C	18251A05F9	Lkkurthi Keertana	Flipkart : 19.8 Lakhs	II	1000
4	96	Gold Medal Award	B.Tech	CSE-C	18251A05C9	Ifrah Fatima	9.74	-	5000

5	97	Young Engineer Awards	B.Tech	CSE-B	19251A05B1	Samudrala Keerthana Pravallika		-	2500
6	98	College Topper Award	B.Tech	CSE-C	18251A05C9	Ifrah Fatima	9.74		5000
7	99	Top Ranker in IELTS	B.Tech	CSE-B	18251A0595	Brahmani	8	-	1000
	100	Top Ranker in GRE	B.Tech	CSE-B	18251A05A6	Ashna Reddy	327		1000
	101	Top Ranker in TOFEL	B.Tech	CSE-B	18251A05B1	Pranjali	101		1000
8	102	Major Projects	B.Tech	CSE-A	18251A0514	L Sai Shivani		I	2000
	103				18251A0523	P Ramya Sree Sai		I	
	104				18251A0547	Mvsl Sasirekha		I	
	105				18251A0511	Kalyani Bhargavi		II	1500
	106				18251A0522	Harshitha Boddu		II	
	107				18251A0524	Raksha Naravi Pai		II	
	108				18251A0517	M Ramya Sai Thanmai		III	1000
	109				18251A0542	Kondaveeti Chandana		III	
	110				18251A0550	P Sree Sindhooja		III	
	111			CSE-B	18251A05B4	Kn Samhitha		I	2000
	112				18251A0563	A Rishika Reddy		I	
	113				18251A0568	Pushpaniali Devi		I	
	114				18251A05A8	N. Manaswini		II	1500
	115				18251A05B8	P. Thanusha		II	
	116				18251A0584	S. Teja Reddy		II	
	117				18251A05B9	V Jahnavi		II	
	118				18251A0598	Shubhankari Thakral		III	1000
	119				18251A05A7	Mansi AG		III	
	120				18251A05B0	P. Sai Sree		III	

	121				18251A05B1	Pranjali Bhatt		III	
	122			CSE-C	18251A05Cl	A.Sree Meghana		I	2000
	123				18251A05E7	Shubhasri Vanam		I	
	124				18251A05F9	Lkkurthi Keertana		I	
	125				18251A05D2	Marri Sanjana		II	1500
	126				18251A05E8	C.Siri Chandana		II	
	127				18251A05G5	Mikkilineni Aarthi		II	
	128				18251A05E5	S.Shwetha		III	1000
	129				18251A05D1	K.Ravali		III	
9	130	Mini Projects	B.Tech	CSE-A	18251A0547	M S V L Sasirekha		I	1000
	131				18251A0514	L Sai Shivani		I	
	132				18251A0523	P Ramya Sree Sai		I	
	133				18251A0520	N Sowmya		II	750
	134				18251A0540	K Datha Vaishnavi		II	
	135				19255A0505	K Rance Prathyusha		II	
	136				18251A0511	Kalyani Bhargavi		III	500
	137				18251A0522	Harshitha Boddu		III	
	138				18251A0524	Raksha Naravi Pai		III	
	139			CSE-B	18251A05B4	Kn Samhitha		I	1000
	140				18251A0563	A Rishika Reddy		I	
	141				18251A0568	Pushpaniali Devi		I	
	142				18251A0598	Shubhankari Thakral		II	750
	143				18251A05A7	Mansi AG		II	
	144				18251A05B0	P. Sai Sree		II	
	145				18251A05B1	Pranjali Bhatt		II	
	146				18251A05A8	N. Manaswini		III	500
	147				18251A05B8	P. Thanusha		III	
	148				18251A0584	S. Teja Reddy		III	
	149				18251A05B9	V Jahnavi		III	

	150			CSE-C	18251A05F0	Y Nanditha		I	1000
	151				18251A05G9	P Chandana		I	
	152				18251A05H1	S Ruthika		I	
	153				18251A05H4	Sravani Kaligotla		I	
	154				19255A0513	T S Keerthika		I	
	155				18251A05E4	S Sneha		II	750
	156				18251A05D6	B V N Sai Sudha		II	
	157				18251A05H8	V Alekhya		II	
	158				18251A05G6	M Swetha		II	
	159				18251A05E9	G Simritha Reddy		III	500
	160				18251A05G0	K Shriya		III	
	161				18251A05G3	Rishwii Reddy		III	
	162				18251A05J0	Y Tejashwini		III	
			Total Number of Students : 162						**139750**

Table 2.2.1.5: Freeships Data Academic Year 2020-21

S.No	**Total no of students**	**Name of the Event**	**Program**	**Section**	**Roll No.**	**Name of the Student**	**Percentage / Score / Package / CGPA**	**Prize**	**Amount**
1	1	Academic Toppers	I B.Tech	CSE-A	20251A0513	Mahada Shruti Devidas	9.82	I	2000
	2				20251A0507	Himaja Elluru	9.71	II	1000
	3				20251A0555	T Rajeshwari	9.64	III	500
	4			CSE-B	20251A0588	Vangapally Vennela	9.84	I	2000
	5				20251A0584	Somepally Srikeerthi	9.82	II	1000
	6				20251A0581	Rasuri Poojitha	9.63	III	500
	7			CSE-C	20251A05D3	Lade Srini	9.46	I	2000
	8				20251A05C7	Gummadivelli Maneesha	9.45	II	1000
	9				20251A05C4	G Sahasra	9.37	III	500
	10		II B.Tech	CSE-A	19251A0516	Chimmiri Monica Chowdary	9.7	I	2000

	11				19251A0514	Chepuri Sai Tejaswini	9.6	II	1000
	12				19251A0510	Bindela Tharuni	9.4	III	500
	13			CSE-B	19251A0565	Arpita Bejugam	9.6	I	2000
	14				19251A05B0	Saieni Alankruthi	9.6	I	2000
	15				19251A0590	K Sai Sreelekha	9.56	II	1000
	16				19251A05B1	Samudrala Keerthana Pravallika	9.53	III	500
	17			CSE-C	19251A05D9	Damarla Venkata Sai Chandana	9.78	I	2000
	18				19251A05E5	Guda Dharani	9.53	II	1000
	19				19251A05F9	Maroju Shivani	9.53	II	1000
	20				19251A05G7	Rajoli Lakshmi Krithika	9.5	III	500
	21		III B.Tech	CSE-A	18251A0543	Koppula Aishwarya	9.47	I	2000
	22				18251A0535	Enugurthi Srividya	9.42	II	1000
	23				18251A0560	Yeluri Priya Amrutha	9.42	II	1000
	24				18251A0502	Amirishetty Pravanya	9.4	III	500
	25			CSE-B	18251A0572	J Sushma	9.67	I	2000
	26				18251A0583	Aleti Nikitha	9.37	II	1000
	27				18251A05A1	Gazada Anusha	9.37	II	1000
	28				18251A0563	Anugu Rishika Reddy	9.3	III	500
	29			CSE-C	18251A05F7	Dindi Divya	9.67	I	2000
	30				18251A05G8	Nalla Sai Sri	9.65	II	1000
	31				18251A05C9	Ifrah Fatima	9.62	III	500
	32		IV B.Tech	CSE-A	17251A0552	Sarella Gnana Jyothi	8.72	I	2000
	33				17251A0558	Vadali V L S Shravya	8.7	II	1000
	34				17251A0553	Satvika Eda	8.3	III	500
	35			CSE-B	17251A0580	Marupaka Akhila	8.75	I	2000
	36				17251A0589	Yaramada Akshara	8.6	II	1000
	37				17251A0581	Mattaparthi Sirisha	8.52	III	500
	38			CSE-C	17251A05E9	Veerannagari Akshita	8.72	I	2000

	39				17251A05E6	Sreevidya Makkapati	8.62	II	1000
	40				17251A05C6	Bhavya Singh	8.47	III	500
2	41	Attendance Toppers (section wise)	I B.Tech	CSE-A	20251A0541	Gande Charishma	99.64	I	1500
	42				20251A0547	Nandimalla Mounika	99.49	II	1000
	43				20251A0542	Guda Tharunya Varma	99.49	II	1000
	44				20251A0514	Mattupalli Venkata Naga Sai Priya	99.32	III	500
	45			CSE-B	20251A0564	Dega Sunnihitha	100	I	1500
	46				20251A0566	Gajula Veera Nandika	100	I	1500
	47				20251A0584	Somepally Srikeerthi	100	I	1500
	48				20251A05A9	Mahendra Anusha	100	I	1500
	49				20251A0596	Chekuri Hema	99.82	II	1000
	50				20251A0589	Vangaveeti Niharika	99.64	III	500
	51			CSE-C	20251A05E5	Sankepalli Swathi	100	I	1500
	52				20251A05D4	Lekkala Sharvani	99.38	II	1000
	53				20251A05C9	Kandi Satwika	99.23	III	500
	54		II B.Tech	CSE-A	19251A0526	Gayatri Shambhu Shastri	99.76	I	1500
	55				19251A0541	Modem Keerthana	98.98	II	1000
	56				19251A0516	Ch Monica Chowdary	98.78	III	500
	57			CSE-B	19251A0582	G Kalathmika	99.31	I	1500
	58				19251A0590	K Sai Sreelekha	98.95	II	1000
	59				19251A0569	Bhavana Reddy K	98.72	III	500
	60			CSE-C	19251A05F9	Maroju Shivani	99.76	I	1500
	61				19251A05C5	B Abhinaya	98.59	II	1000
	62				19251A05J0	Yada Vaishnavi	98.49	III	500
	63		III B.Tech	CSE-A	18251A0534	Chirumala Nikhitha	99.59	I	1500
	64				18251A0501	Allenki Sai Sreeja	99.19	II	1000
	65				18251A0557	Undru Sharmila	99.18	III	500
	66			CSE-B	18251A0572	J Sushma	98.46	I	1500
	67				18251A05B4	S Nagavani K	98.34	II	1000

	68				18251A0564	Badini Swetha	98.19	III	500
	69			CSE-C	18251A05F1	Aakiti Samhitha	99.25	I	1500
	70				18251A05H7	Vadugula Anudeepa	98.89	II	1000
	71				18251A05F9	Ikkurthi Keertana	98.82	III	500
	72		IV B.Tech	CSE-A	17251A0524	Priya Lekha Guda	98.24	I	1500
	73				17251A0539	Gona Sravani	98.24	I	1500
	74				17251A0547	N Mary Satya Shree	98.24	I	1500
	75				17251A0541	K Shruthi	98.9	II	1000
	76				17251A0532	Akanksha Srikanth	98.79	III	500
	77			CSE-B	17251A0599	G Divya	99.3	I	1500
	78				17251A0585	Sandhi Sowmya Reddy	99.11	II	1000
	79				18255A0519	Malraju Sathya Priya	98.72	III	500
	80			CSE-C	17251A05H5	Peddi Sakila	100	I	1500
	81				15251A0567	Utkoor Srihitha	99.53	II	1000
	82				17251A05F9	Gande Varshini	99.3	III	500
3	83	Best Placement Pakage	IV B.Tech	CSE-B	17251A05B0	Mukka Dheekshitha	48,000 USD + 18,54,845/-	I	2000
	84			CSE-C	17251A05G1	Sanjana Kandimalla	18,00,000/-	II	1000
4	85	Gold Medal	B.Tech	CSE-C	17251A05G9	M Samhitha	8.72	I	5000
5	86	Young Engineer Awards	B.Tech	CSE-B	18251A0568	Pushpanjali	92.56	-	2500
7	87	Top Ranker in GATE	B.Tech	CSE-A	16251A0511	E Manasa	3735	-	1000
	88	Top Ranker in GRE	B.Tech	CSE-C	16251A05G6	R Indhu Priya	328	-	1000
	89	Top Ranker in TOFEL	B.Tech	CSE-B	16251A0597	M Sameera Annapurna	104	-	1000
9	90	Major Projects (sectionwise)	B.Tech	CSE-A	17251A0521	M Hansika	I		1500
	91				17251A0547	N Mary Satya Sree	I		1500
	92				17251A0556	T B Ranga Sai Sushma	I		1500

	93				17251A0543	K Prathyusha	II	1000
	94				17251A0553	E Satwika	II	1000
	95				17251A0555	Srishiti Mathur	II	1000
	96				17251A0525	K Priyanka	III	750
	97				17251A0528	T Yashasvini	III	750
	98				17251A0537	B Anisha	III	750
	99			CSE-B	17251A0566	D Sushma	I	1500
	100				17251A0583	P Dhatri Reddy	I	1500
	101				17251A05A9	M Sujitha	I	1500
	102				17251A0594	Avi Jain	II	1000
	103				17251A0599	G Divya	II	1000
	104				18255A0514	J Shreya	II	1000
	105				17251A0582	N Lakshmi Manasa	III	750
	106				17251A05A8	M Sai Naimisha	III	750
	107				17251A05B5	S Chandana Reddy	III	750
	108				18255A0524	S Kavitha	III	750
	109			CSE-C	17251A05C8	D Vaishnavi	I	1500
	110				17251A05E2	M Sreevidya	I	1500
	111				18255A0525	C Shruti	I	1500
	112				17251A05E9	V Akshitha	II	1000
	113				17251A05H5	P Sakila	II	1000
	114				18255A0526	Sk Meharnisha	II	1000
	115				17251A05D0	G Lakshmi Sai Sree	III	750
	116				17251A05H9	R Sai Usha	III	750
	117				18255A0529	M Pranathi	III	750
	118				18255A0533	P Anusha	III	750
10	119	Mini Projects (sectionwise)	B.Tech	CSE-A	17251A0513	Kanikanti Naga Jyothi	I	1000
	120				17251A0524	Priya Lekha Guda	I	1000
	121				17251A0540	Inturi Navya	I	1000

	122				17251A0543	Kundavaram Prathyusha	II	750
	123				17251A0553	Satvika Eda	II	750
	124				17251A0555	Srishti Mathur	II	750
	125				17251A0521	Meedimale Hansika	III	500
	126				17251A0547	N Mary Satya Shree	III	500
	127				17251A0556	T Bhargavi Ranga Sai Sushma	III	500
	128			CSE-B	17251A0575	L.Ramadevi	I	1000
	129				17251A0597	D Sahithi	I	1000
	130				17251A05B0	M Dheekshitha	I	1000
	131				17251A0582	Lakshmi Manasa.N	II	750
	132				17251A05A8	Malka Sai Naimisha	II	750
	133				18255A0524	Kavitha S	II	750
	134				17251A0567	D A Vineela	III	500
	135				17251A05A7	Navya M	III	500
	136				18255A0522	Bhavana P	III	500
	137			CSE-C	17251A05C8	Duddilla Vaishnavi	I	1000
	138				17251A05E6	Sreevidya Makkapati	I	1000
	139				18255A0525	C Shruthi	I	1000
	140				17251A05G0	Kamasani Chandana	II	750
	141				17251A05G6	Mantha Vaishnavi	II	750
	142				18255A0535	Pallala Vaishnavi	II	750
	143				17251A05F8	D Snehitha	III	500
	144				17251A05G4	Konka Priyanka	III	500
	145				18255A0527	K Sreelatha	III	500
	Total Number of Students :							**145**
	Total Amount :							**156000**

2. Freebooks: The scholarships are provided for the students based on their parents annual income and CGPA.The following Table 2.2.1.6 to Table 2.2.1.9 shows the consolidated data and freebooks data as per academic year wise.

Table 2.2.1.6: **Consolidated data on issue of Freebooks for the A.Y:2022-23,2021-22, and 2020-21**

Academic Year	Freebooks Count
2022-23	45
2021-22	45
2020-21	45

Table 2.2.1.7: Details of students availed Freebooks during the Academic Year 2022-23

S.No	Program	Roll No.	Name of the Student	CGPA	Annual Income in Rupees	Freeship Amout(in Rupees)
II B.Tech						
1	**CSE-A**	21251A0543	K. Shireesha	9.77	1,32,000	500
2		21251A0534	Andamdas Tejeshwini	9.62	96,000	500
3		21251A0501	Ankireddipalli Deekshita	9.54	1,96,000	500
4		21251A0504	Bommera Usha Sri	9.43	1,20,000	500
5		21251A0545	KAmrutha Varshini	9.39	1,50,000	500
6	**CSE-B**	21251A0572	Chintam Sohan	9.69	1,00,000	500
7		21251A0595	S.Supriya	9.64	86,000	500
8		22255A0513	M Sai Priya	9.22	1,80,000	500
9		21251A0575	G.Shirisha	8.74	1,10,000	500
10		22255A0514	Chittimalla Sowmya	8.07	1,40,000	500
11	**CSE-C**	21251A05D4	CH. Vijaya Rishitha	9.36	96,000	500
12		21251A05D8	G. Pravallika	8.91	1,80,000	500
13		22255A0515	T Akila	8.59	1,50,000	500

14		21251A05D2	Bhukya Nagamani	8.51	1,00,000	500
15		22255A0518	B Srilekha	7.2	1,50,000	500
III B.Tech						
16	**CSE-A**	20251A0542	Guda Tharunya	9.78	99,000	500
17		20251A0550	Puram Pravallika	9.11	98,000	500
18		20251A0534	Balapuram Nithya	8.59	96,000	500
19		20251A0533	Aturi Hari Priya	8.53	1,10,000	500
20		20251A0535	Banoth Divya	8.26	98,000	500
21	**CSE-B**	20251A0594	Bollam Abhigna	9.66	98,000	500
22		21255A0509	B Snehalatha	8.49	99,000	500
23		21255A0508	P Sushmitha	8.34	1,48,000	500
24		21255A0511	Chereala Nissi	7.34	1,48,000	500
25		21255A0512	Shaik Uzma nazi	6.05	1,40,000	500
26	**CSE-C**	20251A05C5	G Bhanu Sri	9.49	95,000	500
27		20251A05C8	I Vaishnavi	9.43	1,40,000	500
28		20251A05C7	G Maneesha	9.13	96,000	500
29		20251A05E2	R Manisha	8.48	1,00,000	500
30		20251A05C6	G Someshwari	7.61	80,000	500
IV B. Tech						
31	**CSE-A**	19251A0511	Bitla Sharon	9.18	90,000	500
32		20255A0502	Sattu Ashwini	8.73	1,70,000	500
33		20255A0504	Ommi Anisha	8.72	98,000	500

34		20255A0503	B Laxmi Prasanna	7.97	60,000	500
35		19251A0542	Mogudampally Jyothika	7.70	1,00,000	500
36	**CSE-B**	20255A0508	Gali Poojitha	8.28	1,80,000	500
37		19251A05A6	Perugu Arunodaya	7.94	1,00,000	500
38		19251A05A8	R Ashwini	7.46	1,00,000	500
39		19251A0573	Chukka Sruthi	7.31	98,000	500
40		19251A05A5	Pattepu Sankeerthana	7.01	1,00,000	500
41	**CSE-C**	20255A0513	Thalla Sahithi	8.84	98,000	500
42		20255A0515	Kuchana Shalini	8.26	1,25,000	500
43		20255A0516	Kunchala Jyothika	7.89	1,80,000	500
44		19251A05G9	R Raja Rajeshwari	7.61	1,40,000	500
45		20255A0517	Uppati Devi	7.45	1,62,000	500

Table 2.2.1.8: Details of students availed Freebooks during the Academic Year 2021-22

S.No	RollNo	Name	Annual	CGPA
II CSE-A				
1	21251A0501	AnkireddipalliDeekshita	196000	9.63
2	21251A0504	BommeraUsha Sri	120000	9.62
3	21251A0534	AndamdasTejeshwini	96000	9.51

4	21251A0543	K. Shireesha	132000	9.74
5	21251A0545	KatanguriAmrutha Varshini	150000	9.40
	II CSE-B			
6	21251A0575	GudaShirisha	120000	8.71
7	21251A0595	SunkaSupriya	86000	9.50
8	21251A05B8	MunknutlaRamyasri	180000	9.70
9	21251A0578	JangamBhavana	98000	9.49
10	22255A0514	SowmyaChittimalla	140000	-
	II CSE –C			
11	21251A05D2	BhukyaNagamani	95000	8.74
12	21251A05D4	ChindukuruVijayaRishitha	96000	9.20
13	21251A05D8	G.Pravalika	180000	9.19
14	21251A05J9	TalariAkshaya	140000	7.5
15	21251A05E7	MamillaPallavi	180000	6.52
	III CSE A			
16	20251A0532	A. Meghana	120000	9.38
17	20251A0533	Aturi Hari Priya	130000	8.30
18	20251A0534	BalapuramNithya	96000	8.70
19	20251A0542	GudaTharunya Varma	99000	9.73

20	20251A0550	Puram Pravallika	98000	8.20
	III CSE B			
21	21255A0510	MaidamPoojitha	98000	9.26
22	21255A0507	BakkannagariSrija Reddy	99000	8.79
23	21255A0509	BillaSnehalatha	99000	8.53
24	21255A0508	PochuSushmitha	148000	8.12
25	20251A05A4	JogannagariAlekhya	96000	5.8
	III CSE-C			
26	20251A05C5	GopishettiBhanu Sri	90000	9.63
27	20251A05C6	GuguldthSomeshwari	100000	8.17
28	20251A05C7	GummadivelliManeesha	120000	9.20
29	20251A05C8	IndooriVaishnavi	120000	9.50
30	20251A05F1	A. Chandana	95000	9.05
	IV CSE-A			
31	19251A0511	Bitla Sharon	90000	9.3
32	20255A0504	OmmiAnisha	98000	9.23
33	20255A0502	SattuAshwini	170000	8.57
34	20255A0503	BarenkalaLaxmiPrasanna	60000	8.52
35	19251A0542	MogudampallyJyothika	100000	8.15

	IV CSE-B			
36	19251A0573	Chukka Sruthi	98000	6.83
37	19251A05A5	PattepuSankeerthana	100000	6.58
38	19251A05A6	PeruguArunodaya	100000	7.56
39	19251A05A8	K Ashwini	100000	7.04
40	20255A0508	GaliPoojitha	180000	8.28
	IV CSE-C			
41	19251A05G9	Rathlavath Raja Rajeshwari	140000	7.01
42	20255A0517	Uppati Devi	162000	7.40
43	20255A0513	ThallaSahithi	98000	8.53
44	20255A0515	KuchanaShalini	125000	7.97
45	20255A0516	KunchalaJyothika	180000	8.11

Table 2.2.1.9: Details of students availed Freebooks during the Academic Year 2020-21

S.No	Roll No	Name	Annual Income of Parent	CGPA
	II CSE-A			
1	20251A0533	Aturi Hari Priya	95,000	7.74
2	20251A0534	Balapuram Nithya	96,000	8.58
3	20251A0535	Banoth Divya	90,000	7.66

4	20251A0542	Guda Tharunya Varma	99,000	9.79
5	20251A0550	Puram Pravallika	98,000	8.74
	II CSE-B			
6	20251A0588	V Vennela	1,20,000	10.0
7	20251A0591	B Deekshitha		10.0
8	20251A0594	Abhigna	98,000	9.72
9	20251A0596	Chekuri Hema	1,20,000	9.76
10	20251A0597	CH.Vidya	90,000	8.0
	II CSE –C			
11	20251A05C5	Gopishetty Bhanu Sri	95,000	9.47
12	20251A05C7	Gummadivelli Maneesha	1,00,000	9.26
13	20251A05D5	Lode Harini	1,10,000	6.42
14	20251A05C6	Someshwari	1,00,000	7.61
15	21255A0514	N. Alekhya	1,60,000	9.6
	III CSE-A			
16	20255A0501	Thotla Shivani	1,50,000	8.365
17	20255A0503	Barenkala Laxmi Prasanna	60,000	7.5
18	19251A0531	K.Vineela	1,22,000	9.2

19	19251A0528	J.Amulya	1,00,000	7.35
20	20255A0502	Sattu Ashwini	1,60,000	8.1
	III CSE-B			
21	19251A05A8	R.Ashwini -	90,000	7.0
22	19251A05A5	P.Sankeerthana	90,000	6.4
23	19251A0573	Ch.Sruthi-	96,000	6.9
24	19251A05A6	P.Arunodaya	95,000	7.5
25	19251A0570	Siri Priya Bhukya	98,000	6.9
	III CSE-C			
26	20255A0515	Shalini kuchana	90,000	8.2
27	19251A05G9	Rathlavath Raja rajeshwari	90,000	6.9
28	20255A0517	Uppati Devi	1,62,000	6.8
29	20255A0518	Bhukya Baby	90,000	6.6
30	20255A0516	Jyothika	90,000	7.03
	IV CSE A			
31	18251A0553	R.Christina	1,80,000	9.14
32	18251A0507	G.Sushmitha	1,00,000	8.5
33	18251A0551	Vyshnavi Pabba	90,000	9.2

34	1825180558	Vasantha Valloju	70,000	8.6
35	18251A0512	Keerthana Adavelli	80,000	8.36
	IV CSE B			
36	19255A0509	Preethi reddy	95,000	8.3
37	18251A0575	K. Likitha	90,000	8.65
38	18251A0585	S. Manasa Reddy	98,000	9.12
39	18251A0574	K Vinisha	60,000	9.1
40	18251A0562	A.Sri Harshitha	90,000	8.5
	IV CSE-C			
41	18251A05E0	Perika Vaishnavi	80,000	7.974
42	18251A05E4	Sirra Sneha	1,20,000	7.76
43	19255A0516	Ejjigiri Niharika	80,000	6.51
44	18251A05H8	Vanga Alekhya	60,000	9.3
45	18251A05G6	Mudiga Swetha	1,20,000	9.2

3. Internships: Students are advised to take up Internships in various Industries/fields in order to gain practical knowledge, develop skills, and gain exposure to a particular industry or field of work. Table 2.2.1.10 and Figure 2.2.1.17 shows the consolidated Internships for 3 academic years 2022-23 to 2020-21. Table 2.2.1.18 shows the number of companies offered Internships for 3 academic years 2022-23 to 2020-21.

Table 2.2.1.10: No. of Students got internships for the last three years

S.No	**Academic Year**	**No. of Internships**
1	2022-23	125
2	2021-22	157

3	2020-21	132

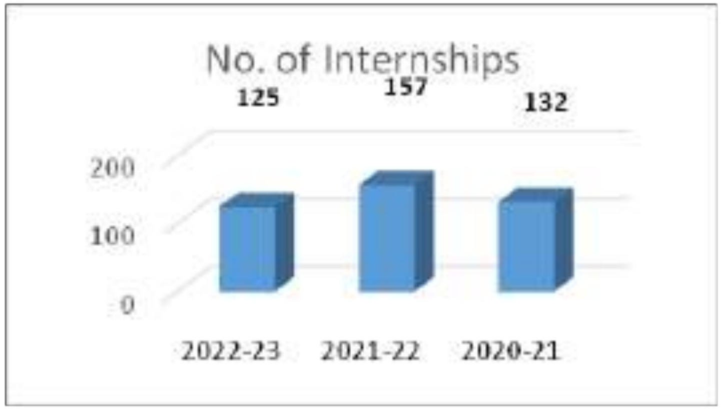


Figure 2.2.1.17: No. of Students got internships for the last three years

Table 2.2.1.11 No. of Companies offered Internships for the last three years

S.No	Academic Year	No. of Companies
1	2022-23	47
2	2021-22	51
3	2020-21	39

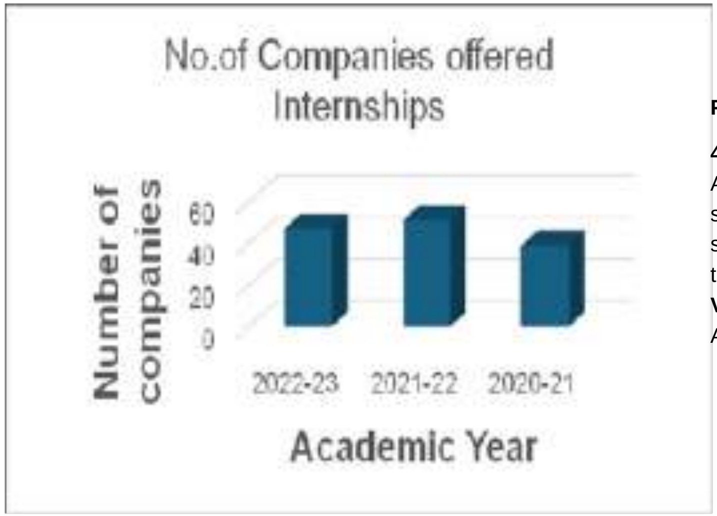


Figure 2.2.1.18: No. of Companies offered Internships for the last three years

4. Value Added Courses / Hackathons /GATE: Students are advised to take Value Added Courses to score additional credits upon completion of these courses. The students are advised to participate in hackathons to foster creativity, problem-solving skills, teamwork, and entrepreneurship. This provides them with a platform to apply their knowledge and skills to develop innovative solutions. The following is the list of **Value Added Courses** undergone in the department. Table 2.2.1.12 shows Value Added Courses for Academic years 2023-24, 2022-23, 2021-22, 2020-21.

Table 2.2.1.12: Value Added Courses for Academic years 2023-24, 2022-23, 2021-22, 2020-21

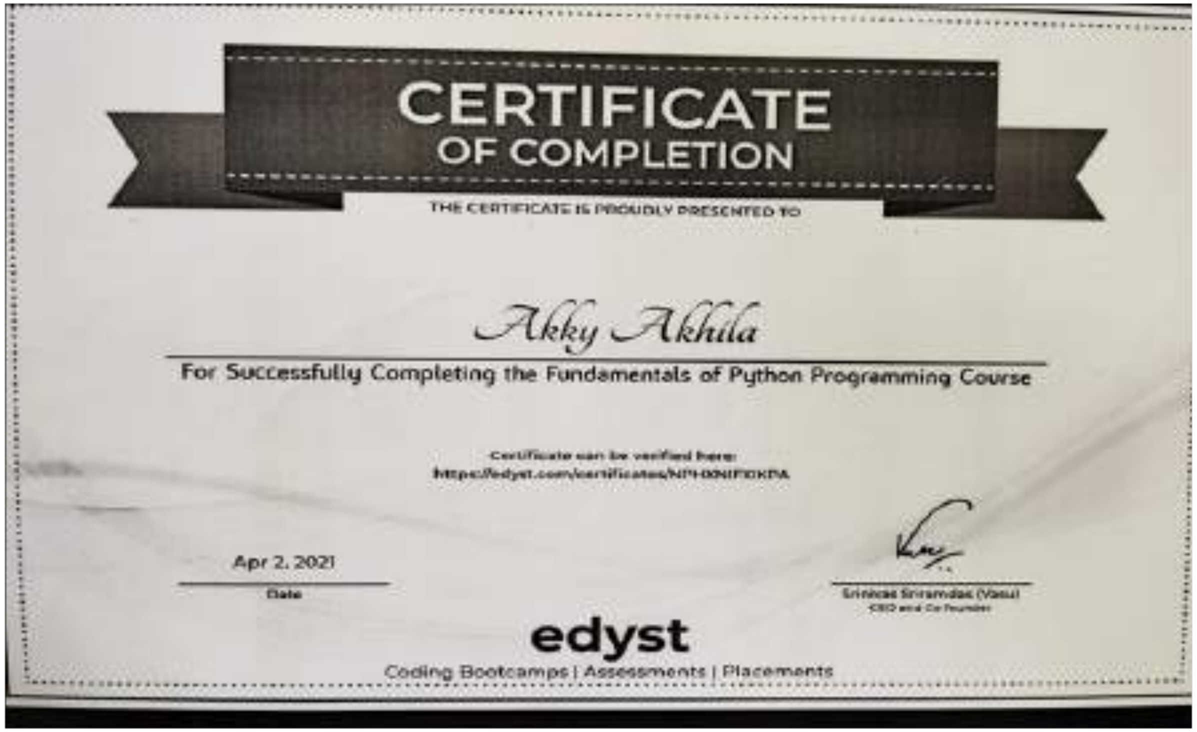
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
2023-24						
Value added course on AWS with Machine Learning: Building Intelligent Allications from Data to Deployment	GNITS/CSE/VAC/ 2023-24/01	2023-24	1	42hrs	109	100
Value added course on Introduction to AR/ VR/XP with unity	GNITS/CSE/VAC/ 2023-24/02	2023-24	1	38hrs	33	
2022-23						
Value added course on Applied Data Science with IBM Cloud	GNITS/CSE/VAC/ 2022-23/01	2022-23	1	33	89	78
2021-22						

Value added course on MERN stack Application Development	GNITS/CSE/VAC/ 2021-22	2021-22	1	40	70	70
2020-21						
ML application using IBM cloud & Watson studio	GNITS/CSE/VAC/ 2020-21//02	2020-21	1	40	98	98
Web Development	GNITS/CSE/VAC/ 2020-21/01	2020-21	1	30	285	285

5. GATE/ GRE/ GMAT: Students aspiring to pursue further studies are encouraged to prepare for standardized tests such as GATE, GRE, GMAT, etc. Our library offers preparation materials for these competitive exams, which students can access. Additionally, faculty members help students in solving some challenging questions. Table 2.2.1.13 shows the GATE Score for Academic Year 2022-23. Figure 2.2.1.19 shows the sample certificates of EDYST/NPTEL/ COURSERA.

Table 2.2.1.13: GATE Score for Academic Year 2022-23

S.No.	Roll No.	Name of the Student	Year	National	Type of Exam
1	19251A0561	A.Ramya Spoorthi	2022	National	GATE
2	19251A0520	D.Pavani	2022	National	GATE



CERTIFICATE
OF COMPLETION

THE CERTIFICATE IS PROUDLY PRESENTED TO

Akky Akhila

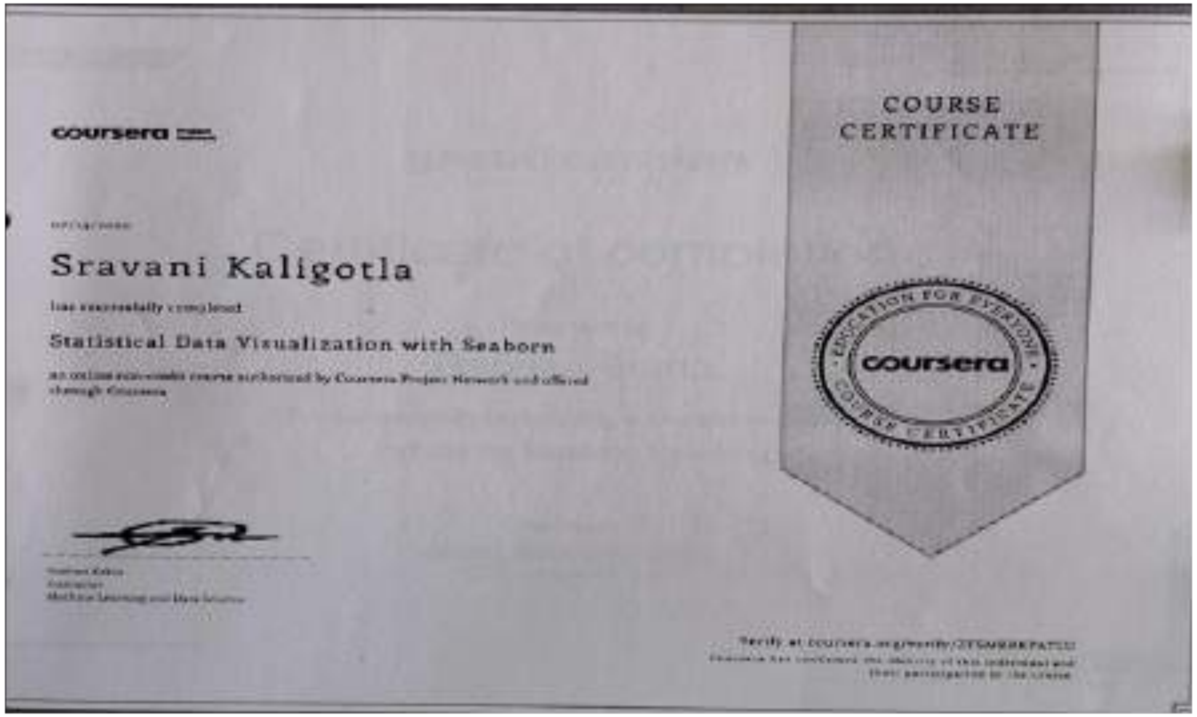
For Successfully Completing the Fundamentals of Python Programming Course

Certificate can be verified here:
https://edyst.com/certificates/[illegible]

Apr 2, 2021
Date

Srinivas Sriramdas (Vasu)
CEO and Co Founder

edyst
Coding Bootcamps | Assessments | Placements



coursera

[illegible]

Sravani Kaligotla

has successfully completed

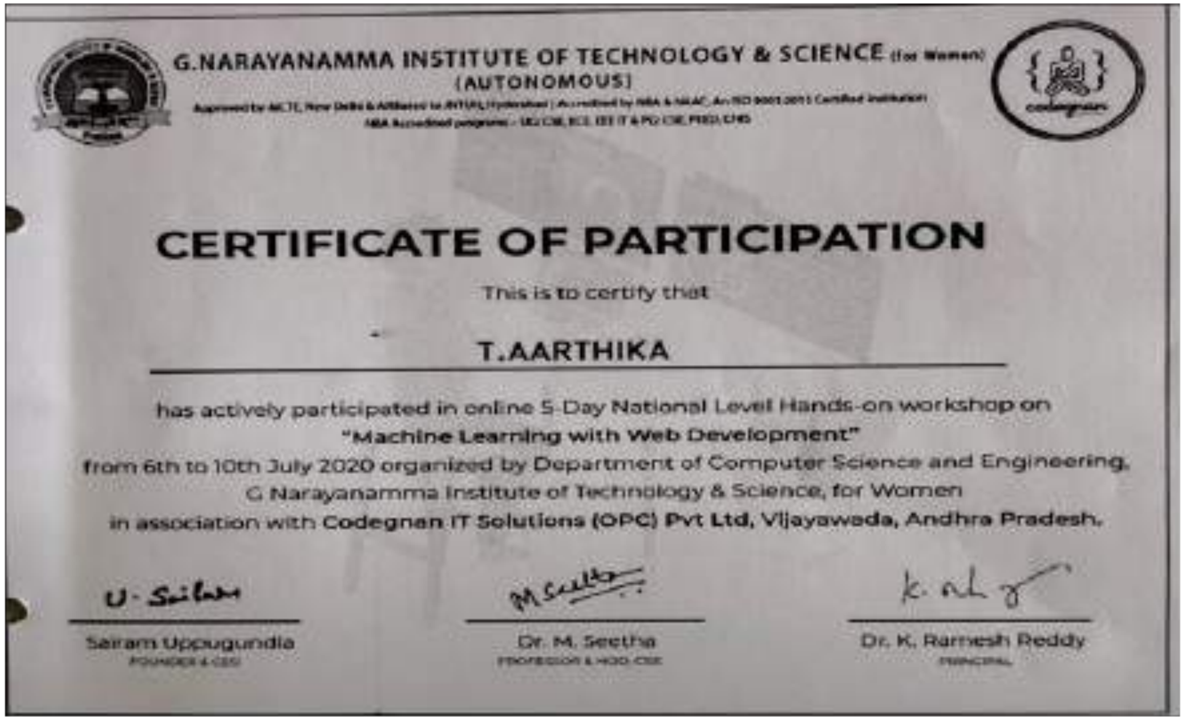
Statistical Data Visualization with Seaborn

an online non-credit course authorized by Coursera Project Network and offered through Coursera

[illegible]
Instructor
Machine Learning and Data Science

COURSE CERTIFICATE

Verify at coursera.org/verify/[illegible]
Coursera has confirmed the identity of this individual and their participation in the course.



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (for Women)
(AUTONOMOUS)

CERTIFICATE OF PARTICIPATION

This is to certify that

T.AARTHIKA

has actively participated in online 5-Day National Level Hands-on workshop on
"Machine Learning with Web Development"
from 6th to 10th July 2020 organized by Department of Computer Science and Engineering,
G Narayanamma Institute of Technology & Science, for Women
in association with Codegnan IT Solutions (OPC) Pvt Ltd, Vijayawada, Andhra Pradesh.

U. Sailu
Sairam Uppugundla
FOUNDER & CEO

M Seetha
Dr. M. Seetha
PROFESSOR & HOD-CSE

K. Ramesh Reddy
Dr. K. Ramesh Reddy
PRINCIPAL

Figure 2.2.1.19: Sample Certificates of EDYST/NPTEL/COURSERA

6. Paper Presentations / Publications with financial support by the college to publish papers:Advanced learners are encouraged to engage in research and innovation work. They are provided with references to journals and advanced study material and seed money for student research. Faculty mentors are assigned to enterprising students who guide them in writing and publishing research papers/provide guidance for innovation/entrepreneurship. Table 2.2.1.14 shows the details of Financial Support given to faculty and students for Paper Publications.

Specialized academic clubs like technical associations are set up that offer a platform for students to explore beyond classroom learning and participate in projects.

Table 2.2.1.14: Details of Financial Support to faculty and students towards Paper Publications

S. No	Name of the faculty	Name of the Program	Date(s)	Duration	Conducting Organization	Mode of Conduction	Amount Sanctioned in Rs.

1	Vaishnavi Yada Shreya Bashetty Seetha Maddala Kalyani Nara	Presented a paper with the title on “Deep Learning Model with Progressing GAN for Diabetic Retinopathy” in ICICC-2022	18-11-2022 to 19-11-2022	2 Days	GNITS	Offline	10000
2	Shubhasri Vanam V. Divya Raj	Presented a paper with the title on “Synthesizing Realistic ARMD Fundus Images using GAN” in ICICC-22	18-11-2022 to 19-11-2022	2 Days	GNITS	Offline	10000
3	S. Sandhya Mittapalli Manaswini Teegala Aarthika	Presented a paper with the title on “Image Captioning for Assisting the Visually Impaired” in ICICC-22	18-11-2022 to 19-11-2022	2 Days	GNITS	Offline	7000
4	T Swapna M.Madhuri	Presented a paper with the title on “Stress Detection based on Multimodal data in a classroom environment” in ICCEDE	09-12-2022	1 Day	GLBAJAJ Institute of Technology and Management	Online	5000

D. Quality of Classroom Teaching (Observation in a class) (2)

The departments commitment to providing modern teaching aids and supportive learning environment is evident in the various facilities and resources it offers to its students. These include:

Each classroom in the department is equipped with OHP projectors, allowing teachers to present information and visuals effectively. The department also has LCD projectors, which are used for presenting information and conducting seminars. Each classroom is provided with a personal notice board to facilitate communication among students and for sharing information. The structure of the syllabus and academic regulation is available on the college website, allowing students to access and understand the course structure. Students are given the opportunity to choose their electives and select projects and seminars, ensuring a personalized learning experience. The department has a well-furnished seminar hall equipped with a PA system, OHP projector, LCD projector, podium, and reasonably good seating capacity.

Tutorials are conducted for selected subjects, providing them with additional support and guidance. Department faculty encourages students to do certification by guiding them and providing a platform for certification examination during their course work. Overall, the departments efforts to provide modern teaching aids and supportive learning environments contribute to a positive and engaging learning experience for its students.

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are using ICT tools to enhance and optimize the delivery of education: Projectors - LCD /OHP projectors, Desktop / Laptops - arranged in class rooms / Computer Lab and Faculty cabins all over the campus. E-class rooms are available in all major departments with modern facilities such Smart Board, systems, public address system, projectors are available. Online Classes through Microsoft Teams software, Zoom, Google Meet, Google Classroom), Hacker Rank(Online Coding Platform), Edyst, Conduira online platform for placement preparations/inter college competitions, Support for e-resources - MOOC Platform (NPTEL, Coursera, SAP, Udemy) and Digital Library resources (DELNET, MYLOFT etc). Faculty is provided with net facility to use the global resources for effective presentations. Online quiz - for students after the completion of each unit, GOOGLE Video Conferencing - Students are counseled / doubts cleared with the help of Teams / Zoom /Google meet applications. Video Lecture - Recording of video lectures is made available to students for long term learning and future referencing. The following Table 2.2.1.15 shows the tools available in the department to support the student's with innovative ideas to prototyping.

Table 2.2.15: Tools used for experimental study and prototyping

S.No	Facility Name	Details	Area of Specialization
1	PRAAT	PRAAT is a very flexible tool to do speech analysis. It offers a wide range of standard and non-standard procedures, including spectrographic analysis, articulatory synthesis, and neural networks. It is used for the evaluation of speech and voice samples.	Speech recognition
2	WEKA	WEKA is a collection of machine learning algorithms for data mining tasks. It contains tools for data preparation, classification, regression, clustering, association rules mining, and visualization. .	Image Processing

3	INFOMATICA OLAP	Infomatica is a widely used ETL tool for extracting the source data and loading it into the target after applying required transformation OLAP is a technique by which the data sourced from a data warehouse is visualized and summarized to provide perspective multidimensional view across multiple dimensions	Data Mining
4	NLTKIT	NLTKIT is a leading platform for building Python programs to work with human language data. It provides easy-to-use interfaces such as WordNet, along with a suite of text processing libraries for classification, tokenization, stemming, tagging, parsing, and semantic reasoning.	Natural Language Processing
5	NS2TOOL	NS2 has been developed to provide an open, extensible network simulation platform, for networking research and education. It provides models of how packet data networks work and perform, and provides a simulation engine for users to conduct simulation experiments.	Network Security
6	.NET	.NET 4 is a development framework for building web pages and web sites with HTML, CSS, JavaScript and server scripting. .NET supports three different development models: Web Pages, MVC (Model View Controller), and Web Forms.	Data Mining Image Processing
7	Android	Android is an open source and Linux-based operating system for mobile devices such as smart phones and tablet computers.	Network Security
8.	Unity	Unity Technologies is best known for the development of Unity, *a licensed game engine used to create video games and other applications.*	ARVR
9.	Hadoop	Hadoop is *an open source framework based on Java that manages the storage and processing of large amounts* of data for applications.	Cloud computing
10.	Tableau	Tableau is a visual analytics platform transforming the way we use data to solve problems—empowering people and organizations to make the most of their data	Data visualization

11.	Arduino	Arduino is *an open-source electronics platform based on easy-to-use hardware and software. Arduino* is a programmable device that enables interaction with external hardware devices using *software* programs.	IOT

Hyderabad, Telangana, India
Hyderabad, Telangana, India

Figure 2.2.1.20: Classroom Ambience

E. Conducting Experiments (Observation in Lab) (2)

Laboratory teaching is the major learning aspect of engineering curriculum. Computer Science Laboratories are conducted in a session of 3 periods. In each session, the faculty explains the concept, students will write the complete program concerned in the observation book and then execution of the program is carried out. Every student's performance is assessed during lab session in terms of logical thinking, execution of program; write up in observation book, conducting viva session, observation book and record submission. Lab cycles are prepared well before the commencement of class work and displayed for regular follow-up of students in concerned lab. Students maintain observation books and lab records which are evaluated by faculty. Lab manuals are prepared by faculty for each lab before the semester commencement. The students execute the programs as per the instructions given in the laboratory manual or as explained by the concerned course coordinator. Viva questions are prepared in advance for all the lab experiments. Records are corrected in the following week for the preceding week's experiment.

The department laboratories are well-equipped with modern facilities and equipment to meet the requirements imposed by the curriculum. These laboratories provide a conducive environment for students to learn and practice practical skills. All laboratories in the department are equipped with the latest state-of-art equipment to meet the requirements of the curriculum. Lab cycles are prepared well before the commencement of class work and displayed for regular follow-up of students in concerned lab. Figure 2.2.1.21 shows the Sample Lesson Dairy for Python Programming Lab. Figure 2.2.1.22 shows the academic Laboratories of Compiler Design lab in CL-1 and Programming for Problem Solving Lab in CL-10

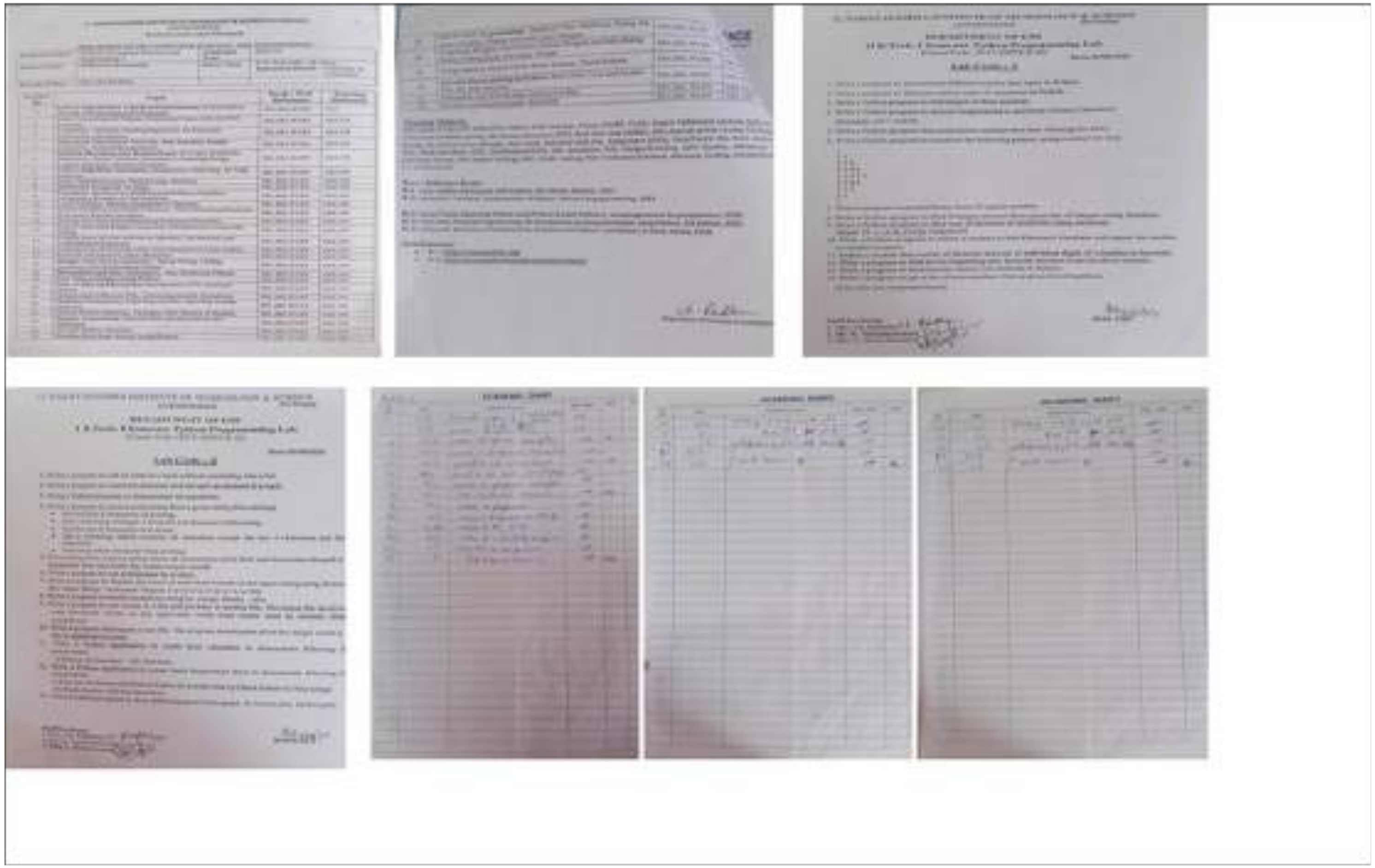


Figure 2.2.1.21: Sample Lesson Dairy for Python Programming Lab

Figure 2.2.1.22: Academic Laboratories of Compiler Design lab in CL-1 and Programming for Problem Solving Lab in CL-10

F. Continuous Assessment in the laboratory (3)

Assessment of lab work is done on a regular basis, and students are informed accordingly. Extra programs are suggested on each concept, and students are asked to implement them. The laboratories provide a hands-on learning environment for students to practice practical skills and apply the concepts they have learned in theory. The laboratories are supported by experienced faculty members who provide guidance and support to students as they work through the practical aspects of their courses. Apart from the curriculum, extra programs beyond curriculum are also conducted. Attendance record is maintained by Faculty. Overall, the departments well-equipped laboratories and supportive faculty members contribute to a positive and engaging learning experience for its students.

GNR18 Regulations:

For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 20 marks (Day to Day Evaluation) and an internal exam is conducted for 10 marks. External lab exam is evaluated for 70 marks conducted by the concerned lab faculty. The end examination shall be conducted with an external examiner and lab faculty. The external examiner shall be appointed from the cluster of colleges as decided by the University examination branch. Table 2.2.1.16 shows the format for Continuous Internal Evaluation (CIE) for GNR18 Regulations.

Table 2.2.1.16: Format for Continuous Internal Evaluation (CIE) for GNR18 Regulations

S.No.	Observation (5M)	Record (10)	Viva+Execution +Attendance (5M)	Internal lab exam (write up + conduction 5M, Viva 5M)

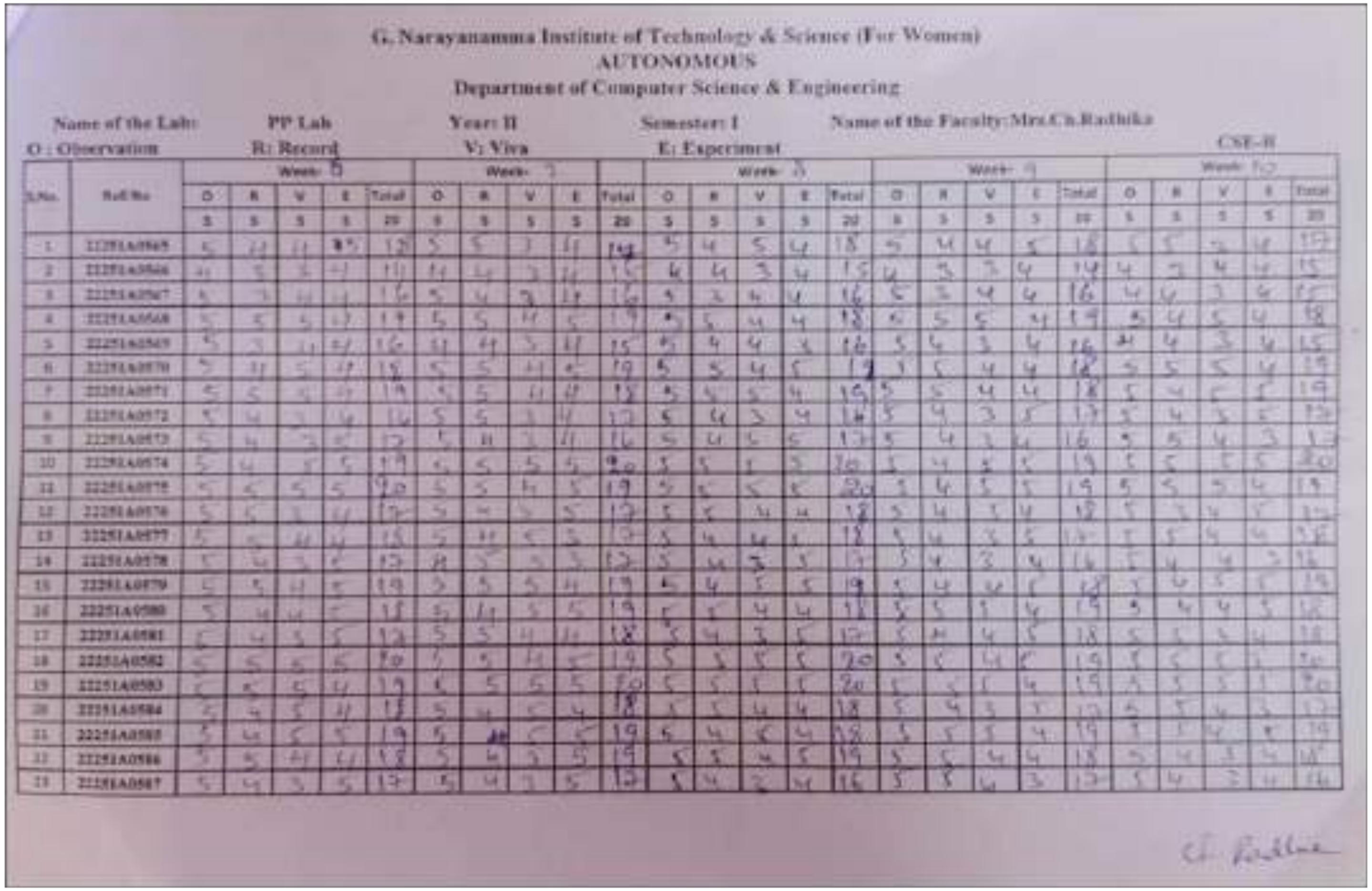
GNR22 Regulations:

For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 20 marks and an internal exam is conducted for 20 marks.

External lab exam is evaluated for 60 marks conducted by the concerned lab faculty. The end examination shall be conducted with an external examiner and lab faculty. The external examiner shall be appointed from the cluster of colleges as decided by the University examination branch. Table 2.2.1.17 shows the format for Continuous Internal Evaluation (CIE) for GNR22 Regulations. Figure 2.2.1.23 shows Sample Day to Day Evaluation for Python Programming Lab.

Table 2.2.1.17: Format for Continuous Internal Evaluation (CIE) for GNR22 Regulations

S.No.	Observation (5M)	Record (5M)	Viva + Execution + Attendance (10M)	Internal lab exam (write up + conduction 10M, Viva 10M)



G. Narayanamma Institute of Technology & Science (For Women)
AUTONOMOUS
Department of Computer Science & Engineering

Name of the Lab: PP Lab Year: II Semester: I Name of the Faculty: Mrs.Ch.Radhika
O : Observation R: Record V: Viva E: Experiment
CSE-B

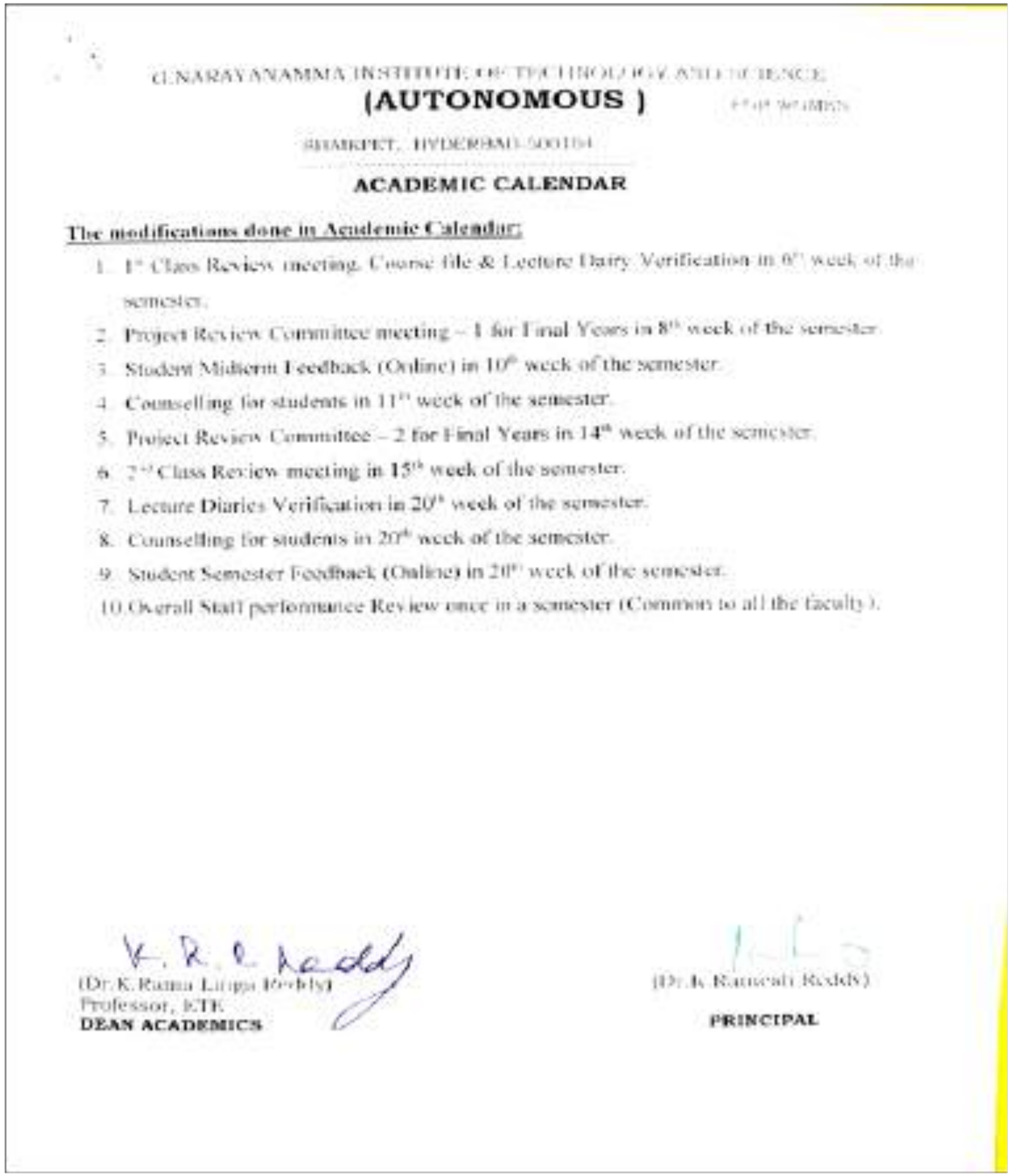
Figure 2.2.1.23: Sample Day to Day Evaluation for Python Programming Lab

G. Student Feedback of Teaching Learning Process and action taken (2)

Department has a Class Review Committee (CRC) headed by Dean Academics , HOD, concerned staff, eight student representatives from each section of II B.Tech to IV B.Tech. The student representatives from each section consisting of three students from class toppers, three students from average performers and three students from Telugu medium background.

CRC meetings: are held two weeks before the Mid Term exams to review the status of syllabus coverage, to know any grievances of students with respect to concerned subject delivery of faculty and to decide if any extra classes are required to cover the syllabus for the Mid examination. Based on the CRC meeting report, the HOD will take corrective actions accordingly. The class teacher of the concerned section will provide extra classes for the coverage of the syllabus. Figure 2.2.1.24 shows the Academic calendar for A.Y: 2023-24. Figure 2.2.1.25 shows the Academic calendar representing the CRC.

Schedule for A.Y:2023-24



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (FOR WOMEN)
SHAIKPET, HYDERABAD-500104

ACADEMIC CALENDAR

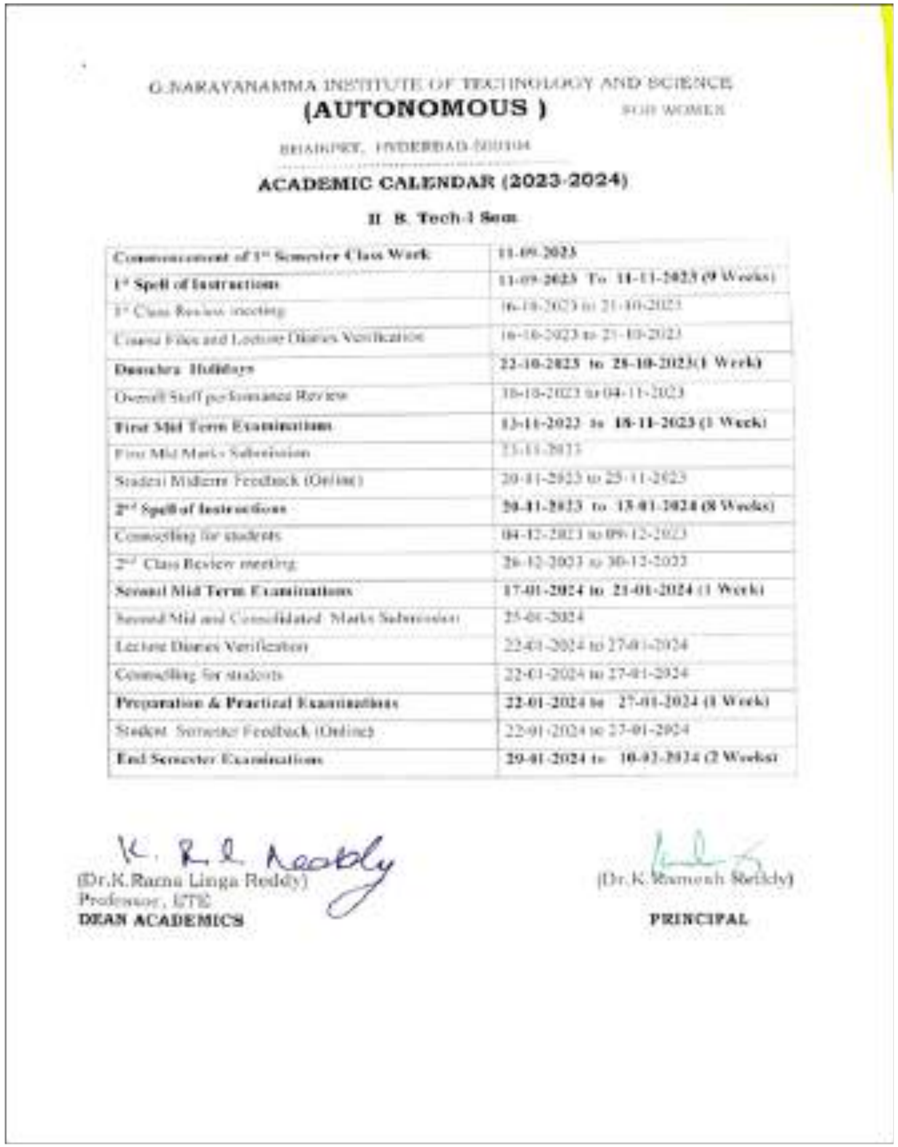
The modifications done in Academic Calendar:

1. 1st Class Review meeting, Course file & Lecture Dairy Verification in 6th week of the semester.
2. Project Review Committee meeting – 1 for Final Years in 8th week of the semester.
3. Student Midterm Feedback (Online) in 10th week of the semester.
4. Counselling for students in 11th week of the semester.
5. Project Review Committee – 2 for Final Years in 14th week of the semester.
6. 2nd Class Review meeting in 15th week of the semester.
7. Lecture Diaries Verification in 20th week of the semester.
8. Counselling for students in 20th week of the semester.
9. Student Semester Feedback (Online) in 20th week of the semester.
10. Overall Staff performance Review once in a semester (Common to all the faculty).

K. R. L Reddy
(Dr.K.Rama Linga Reddy)
Professor, ETE
DEAN ACADEMICS

(Dr.K.Ramesh Reddy)
PRINCIPAL

Figure 2.2.1.24: Academic calendar for A.Y:2023-24



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) FOR WOMEN
SHAIKPET, HYDERABAD-500104

ACADEMIC CALENDAR (2023-2024)

II B. Tech-I Sem

Commencement of 1st Semester Class Work	**11-09-2023**
1st Spell of Instructions	**11-09-2023 To 11-11-2023 (9 Weeks)**
1st Class Review meeting	16-10-2023 to 21-10-2023
Course Files and Lecture Diaries Verification	16-10-2023 to 21-10-2023
Dussehra Holidays	**22-10-2023 to 28-10-2023(1 Week)**
Overall Staff performance Review	30-10-2023 to 04-11-2023
First Mid Term Examinations	**13-11-2022 to 18-11-2023 (1 Week)**
First Mid Marks Submission	23-11-2023
Student Midterm Feedback (Online)	20-11-2023 to 25-11-2023
2nd Spell of Instructions	**20-11-2023 to 13-01-2024 (8 Weeks)**
Counselling for students	04-12-2023 to 09-12-2023
2nd Class Review meeting	26-12-2023 to 30-12-2023
Second Mid Term Examinations	**17-01-2024 to 23-01-2024 (1 Week)**
Second Mid and Consolidated Marks Submission	25-01-2024
Lecture Diaries Verification	22-01-2024 to 27-01-2024
Counselling for students	22-01-2024 to 27-01-2024
Preparation & Practical Examinations	**22-01-2024 to 27-01-2024 (1 Week)**
Student Semester Feedback (Online)	22-01-2024 to 27-01-2024
End Semester Examinations	**29-01-2024 to 10-02-2024 (2 Weeks)**

K. R. L. Reddy
(Dr.K.Rama Linga Reddy)
Professor, ETE
DEAN ACADEMICS

(Dr.K.Ramesh Reddy)
PRINCIPAL

Figure 2.2.25 : Academic calendar representing the CRC Schedule for A.Y:2023-24

Process for Feedback:

The course feedback is collected from students to assess the performance of the faculty in the concerned subject. The Feedback of the faculty is assessed based on the following parameters.

Figure 2.2.1.26 a,b and c shows the sample Feedback form showing High, Low feedback and corrective mesures taken to improve subject knowledge.

Table 2.2.1.18: Sample Format of Feedback form

S.No.	Parameters	Points
1	Teachers command over the subject	
2	Did the teacher help in understanding concepts and principle	
3	Teachers communication skills	
4	Teachers enthusiasm about teaching	
5	Did the teacher give examples	
6	Did the teacher cover all the units with required importance	
7	Accessibility of teacher outside the class	
8	Interaction with the students during the session	
9	Teachers ability in controlling the class	
10	Punctuality of teacher in engaging the class	
11	Standard of Assignment for learning subject	
12	Discussion of solutions to question papers, assignments and typical questions	
13	Overall rating of the teacher	

Rating for each parameter is assessed as following:

Very Good - 4

Good - 3

Average - 2

Not Satisfactory - 1

Corrective measures, if any:

- The feedback given by the students is used to assess the performance of the faculty. The faculty who scores less than 60% is advised to improve upon specific areas like usage of blackboard, class control, effective teaching aids etc.
- Regular training programs related to Teaching & Learning Strategies for Engineering Education, Seminars by Deans and Professors are organized every year to train the faculty in teaching methodologies and teaching- learning processes.
- The faculty members are encouraged to attend various faculty development programs (FDP) / seminars / workshops to upgrade their skills.
- The faculty is advised to meet the module coordinator of the concerned subject to gain indepth knowledge.
- If needed explanation from the faculty will be demanded for any inappropriate result and subsequent action will be taken for improvement of the faculty.

- Head of the department counsels the Faculty members who scores less than 70% and further advised to improve accordingly.

Indices used for measuring quality of teaching & learning and summary of the index value:

Feedback is analyzed by generating Statistics using the percentages as follows:

FeedBack Calculation:

Values for each criterion, the score is collected and average is computed based on the number of students given.

Total actual score = 13*4 (13 parameters and 4 is maximum score for each parameter)

d = (total score obtained by a faculty / total actual score) * 100

If d >= 85 % -- Very Good

If d = 80% to 84 % -- Good

If d = 71% - 79 % -- Satisfactory

If d = 51% - 70 % -- Needs to improve

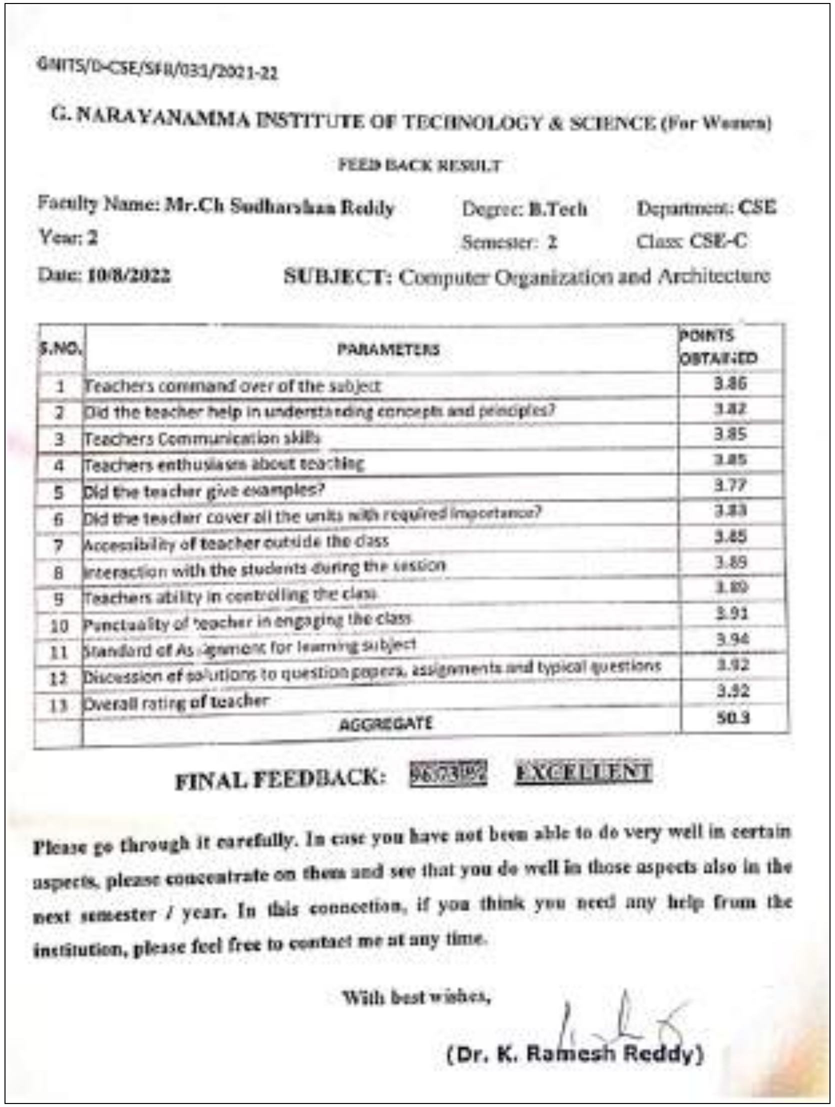
From academic year 2016 -17 the range is changed to:

If d > 85% -- Excellent

If d = 76% - 85 % -- Good

If d = 61% - 75 % -- Satisfactory

If d < 60 % -- Needs to improve



GNITS/D-CSE/SFR/031/2021-22

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)

FEED BACK RESULT

Faculty Name: Mr.Ch Sudharshan Reddy Degree: **B.Tech** Department: **CSE**

Year: 2 Semester: **2** Class: **CSE-C**

Date: 10/8/2022 **SUBJECT:** Computer Organization and Architecture

S.NO.	PARAMETERS	POINTS OBTAINED
1	Teachers command over of the subject	3.86
2	Did the teacher help in understanding concepts and principles?	3.82
3	Teachers Communication skills	3.85
4	Teachers enthusiasm about teaching	3.85
5	Did the teacher give examples?	3.77
6	Did the teacher cover all the units with required importance?	3.83
7	Accessibility of teacher outside the class	3.85
8	Interaction with the students during the session	3.89
9	Teachers ability in controlling the class	3.80
10	Punctuality of teacher in engaging the class	3.91
11	Standard of Assignment for learning subject	3.94
12	Discussion of solutions to question papers, assignments and typical questions	3.92
13	Overall rating of teacher	3.92
	AGGREGATE	50.3

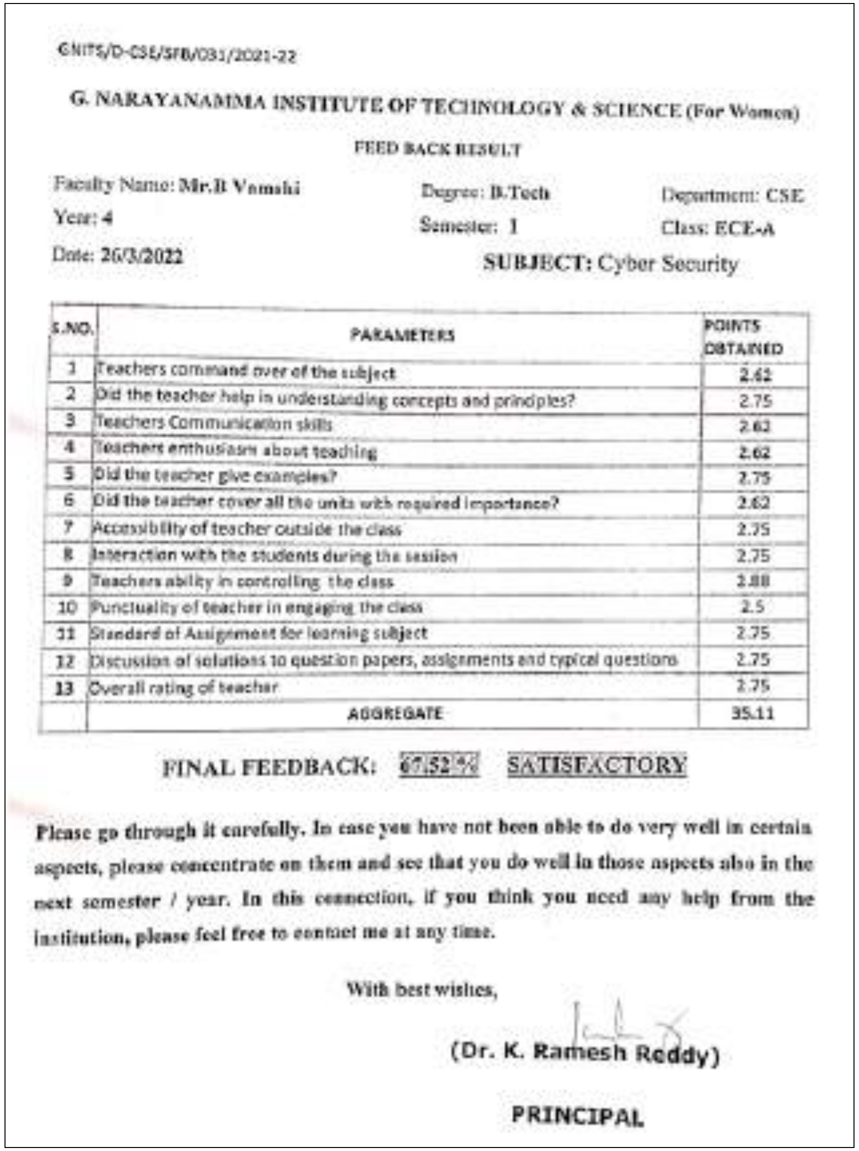
FINAL FEEDBACK: 96.73% EXCELLENT

Please go through it carefully. In case you have not been able to do very well in certain aspects, please concentrate on them and see that you do well in those aspects also in the next semester / year. In this connection, if you think you need any help from the institution, please feel free to contact me at any time.

With best wishes,

(Dr. K. Ramesh Reddy)

Figure 2.2.1.26(a): Sample Feedback form showing High feedback



GNITS/D-CSE/SFB/031/2021-22

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)

FEED BACK RESULT

Faculty Name: **Mr.B Vamshi** Degree: **B.Tech** Department: **CSE**
Year: **4** Semester: **1** Class: **ECE-A**
Date: **26/3/2022** **SUBJECT:** Cyber Security

S.NO.	PARAMETERS	POINTS OBTAINED
1	Teachers command over of the subject	2.62
2	Did the teacher help in understanding concepts and principles?	2.75
3	Teachers Communication skills	2.62
4	Teachers enthusiasm about teaching	2.62
5	Did the teacher give examples?	2.75
6	Did the teacher cover all the units with required importance?	2.62
7	Accessibility of teacher outside the class	2.75
8	Interaction with the students during the session	2.75
9	Teachers ability in controlling the class	2.88
10	Punctuality of teacher in engaging the class	2.5
11	Standard of Assignment for learning subject	2.75
12	Discussion of solutions to question papers, assignments and typical questions	2.75
13	Overall rating of teacher	2.75
	AGGREGATE	35.11

FINAL FEEDBACK: **67.52 %** **SATISFACTORY**

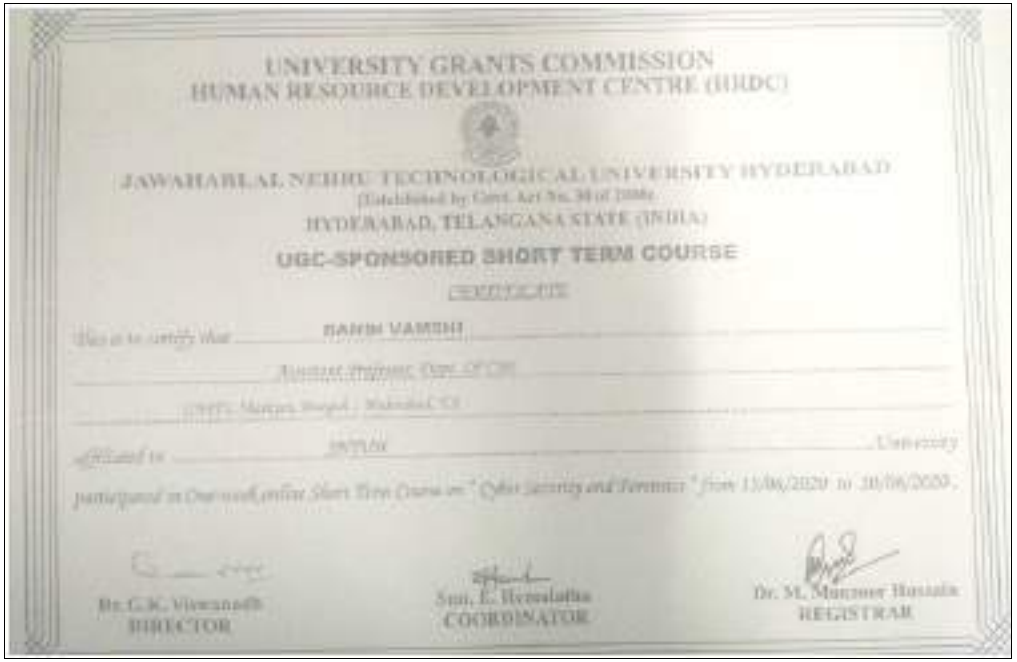
Please go through it carefully. In case you have not been able to do very well in certain aspects, please concentrate on them and see that you do well in those aspects also in the next semester / year. In this connection, if you think you need any help from the institution, please feel free to contact me at any time.

With best wishes,

(Dr. K. Ramesh Reddy)

PRINCIPAL

Figure 2.2.1.26(b): Sample Feedback form showing Low feedback



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No. 30 of 2008)
HYDERABAD, TELANGANA STATE (INDIA)

UGC-SPONSORED SHORT TERM COURSE

CERTIFICATE

This is to certify that BANDI VAMSHI

Assistant Professor, Dept. Of CSE

[illegible]

affiliated to JNTUH University

participated in One-week online Short Term Course on " Cyber Security and Forensics " from 13/06/2020 to 20/06/2020.

Dr. G.K. Viswanadh
DIRECTOR

Smt. E. Hemalatha
COORDINATOR

Dr. M. Manzoor Hussain
REGISTRAR

Figure 2.2.1.26(c) : Certificate of Mr. B. Vamshi Attending shorterm course to impove the subject knowledge

2.2.2 Quality of end semester examination, internal semester question papers, assignments and evaluation (15)

Institute Marks : 15.00

2.2.2 Quality of End Semester Examination, Internal Semester Question Papers, Assignments and Evaluation (15)

A. Process for internal semester question paper setting, assignments and evaluation and effective process implementation (3):

The quality of internal examination question paper, assignment and evaluation is ensured by a definite process of question paper setting and strategy for evaluation. The controller of exams issues the exam schedule based on the academic calendar. Department exam section on discussing with HOD then prepares department wise internal exam schedule for students and guidelines to faculty for question paper and assignment questions setting as per regulations. Course coordinators of each subject/ course along with module coordinator will prepare two sets of question papers following Blooms Taxonomy and with COs mapped to each questions. The HOD will send it for random selection to other department HODs for transparency. This question paper that is randomly selected is the final question paper that bears the authorised signature of the HOD who has done the selection.

Two internal examinations are conducted in each semester as per the academic calendar. First internal examination is conducted after completion of first eight weeks of instruction that includes first 50% of the syllabus (first 2 ^{1}/2 units) and second internal examination is conducted after sixteen weeks of instruction that will include the rest (last 2 ^{1}/2 units) of the syllabus.

Continuous Internal Evaluation (CIE)

R22:

For all the subjects/ courses, the distribution shall be: 40 Marks for the CIE and 60 Marks for the SEE for the entire UG Degree Programme.

a) For the theory subjects during the semester, the CIE assessment for 40 marks includes two internal examinations. Each internal examination is conducted for 30 marks, for a duration of 120 minutes, and it shall have two parts:

i) Part-A (Objective questions for 10 marks)

Shall contain ten short question/ multiple choice/ fill-in the blanks/ match the following type of questions are framed for a total of 10 marks, and

ii)Part-B(Descriptive questions for 20 marks)

Shall contain six full questions, out of which the student has to answer four questions each carrying 5 marks.

Average of these two internal examinations is assessed for 30 marks. The remaining 10 marks of CIE are distributed as - i) 5 marks for assignment (average of 2 assignments submitted, each for 5 marks), and ii) 5 marks for - subject viva-voce/ PPT/Poster Presentation/ Case Study on a topic in the concerned subject.

b) The first internal examination shall be conducted in the middle of the semester for the first 50% of the syllabus, and the second internal examination shall be conducted at the end of the semester for the remaining 50% of the syllabus.

c) There shall be two assignments per semester, and 5 marks are allocated for each assignment. The First assignment should be submitted before the conduct of the first internal examination, and the Second assignment should be submitted before the conduct of the second internal examination. The assignments shall be as specified by the concerned subject teacher, and the Average of these two assignments shall be taken into account for 5 marks.

d) Assessment for the Subject Viva-voce/ Poster Presentation/ Case Study (for 5 marks) on a topic in the subject concerned shall be carried out before the commencement of II internal Examination

e) Sum of these three components of marks - (i) Average of the two Mid-Term Examinations marks (for 30 marks), (ii) Average of the two assignments marks (for 5 marks), and (iii) the assessment for the Subject Viva-voce/ Poster Presentation/ Case Study on a topic in the subject concerned (for 5 marks) – shall be the final marks secured towards the CIE (40 marks) in that specific subject/ course.

- *The Student, in each subject, shall have to earn 35% of marks (i.e. 14 marks out of 40 marks) in CIE, 35% of marks (i.e. 21 marks out of 60) in SEE and Over all 40%of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together.*
- *The student is eligible to write Semester End Examination of the concerned subject, if the student scores ³ 35% (14 marks) of 40 Continuous Internal Examination (CIE) marks.*

- *In case, the student appears for Semester End Examination (SEE) of the concerned subject but not scored minimum 35% of CIE marks (14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled inspite of appearing the SEE*

R18:

The performance of a student in each semester shall be evaluated subject-wise (irrespective of the credits assigned) with a maximum of 100 marks. These evaluations shall be based on 30% CIE (Continuous Internal Evaluation) and 70% SEE (Semester End Examination) for the entire UG Degree Course. Final result is a grade corresponding to the % of marks obtained.

a).For the theory subjects during the semester, the CIE assessment for 30 marks includes two internal examinations. Each internal examination is conducted for 25 marks, for a duration of 120 minutes, and it shall have two parts:

i) Part-A (Objective questions for 10 marks)

Shall contain ten short question/ multiple choice/ fill-in the blanks/ match the following type of questions framed for a total of 10 marks, and

ii) Part-B(Descriptive questions for 15 marks)

Shall contain five full questions, out of which the student has to answer three questions each carrying 5 marks

Average of these two internal examinations is assessed for 25 marks. Further, there shall be an allocation of 5 marks for the assignment, and there shall be 2 assignments.

b) The first internal examination shall be conducted in the middle of the semester for the first 50% of the syllabus, and the second internal examination shall be conducted at the end of the semester for the remaining 50% of the syllabus. The first assignment should be submitted before the conduct of the first internal examination, and the second assignment should be submitted before the conduct of the second internal examination. The assignments shall be as specified by the subject teacher concerned.

c).The first internal examination marks and the first assignment marks combined together shall make one set of CIE marks, and the second internal examination marks and the second assignment marks shall make the second set of CIE marks; and the average of the two sets of mid examination marks shall be taken as the final marks secured by the student towards Continuous Internal Evaluation (CIE) in that theory Subject.

The question paper template of R22 is given in Figure 2.2.2.2. and R18 in Figure 2.2.2.3. Guide lines to set the internal exam question paper are as follows.

GUIDE LINES:

1. All concerned faculty members are requested to prepare 2 question papers of Set-1,Set-2 with “TIMES NEW ROMAN” font with size 12.
2. While preparing the question paper the paper setter has to follow the “Blooms Taxonomy” and mention the level number against each question.
3. Mention the corresponding Course Outcome (CO) number as per the syllabi against each question.
4. Question papers violating the above format shall not be accepted for printing in Examination Branch.

NOTE: *All the HODS are requested to direct the faculty members under their control to ensure that the question paper shall be prepared as per the template given by the Examination Branch.*

Using Figure 2.2.2.1 the Bloom’s taxonomy as a guide, faculty can identify verbs corresponding to each taxonomy level and create questions to achieve them. By setting achievable objectives for learners, instructors make them more active and responsible for their education.The taxonomy can also be useful for evaluating learners correctly

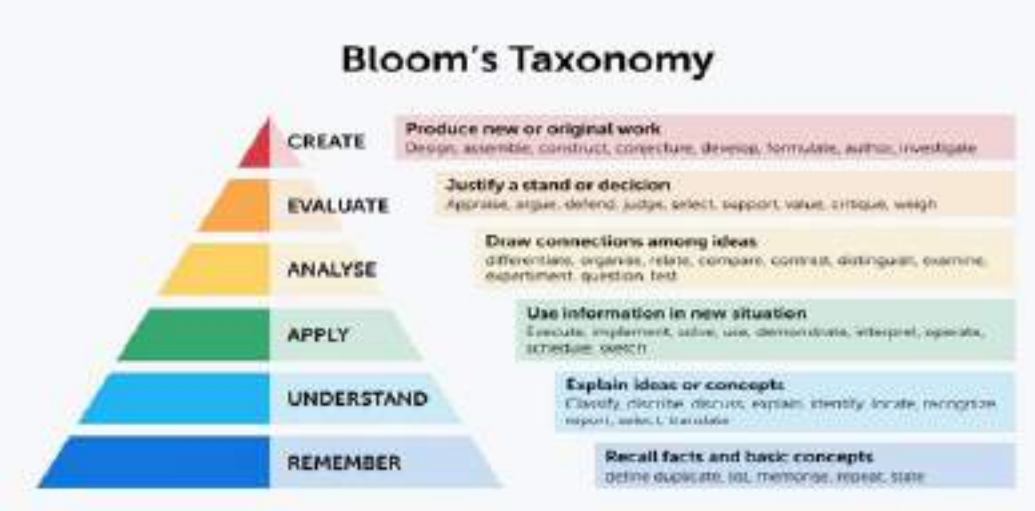
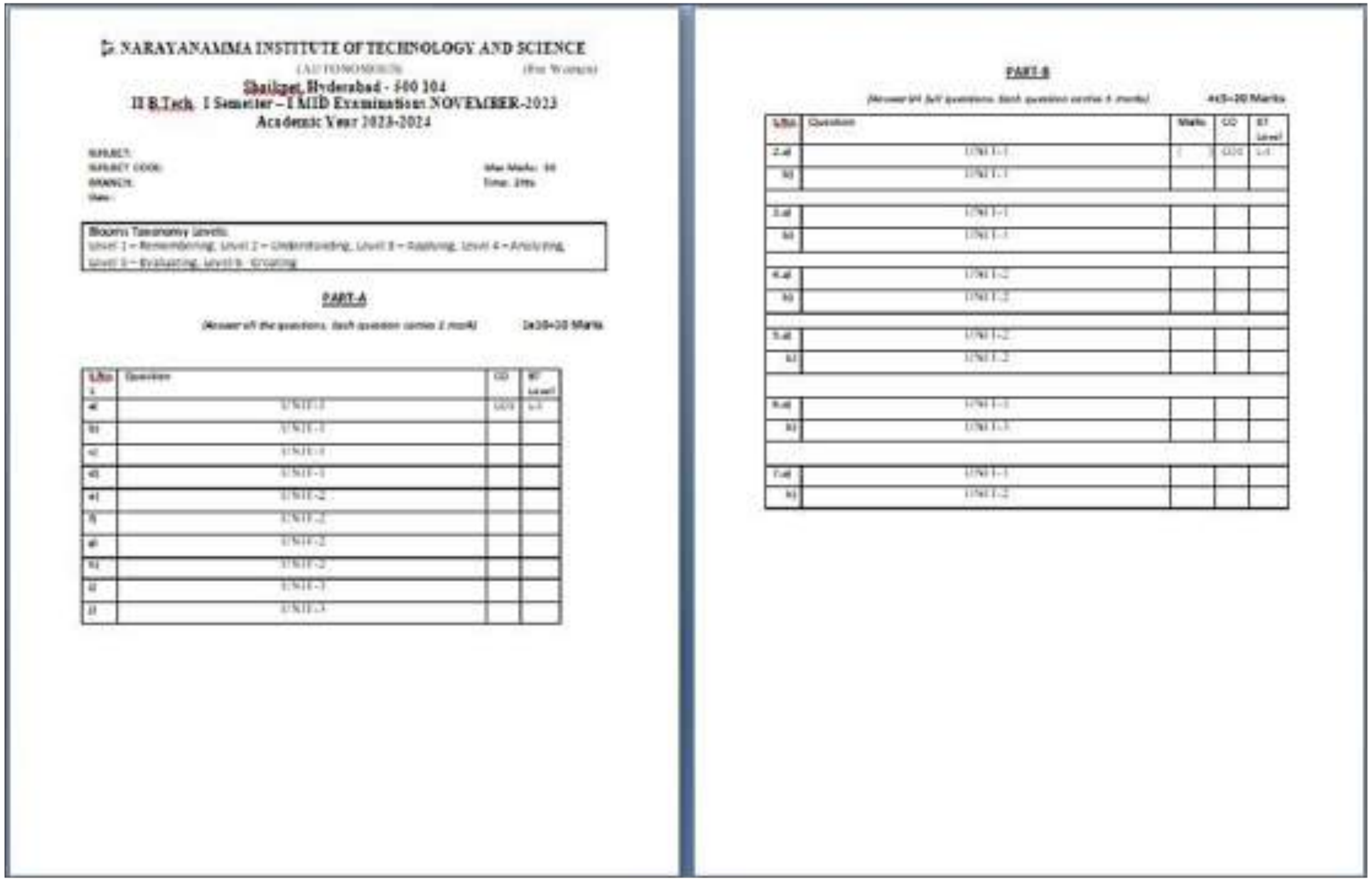

Bloom's Taxonomy
CREATE
Produce new or original work
Design, assemble, construct, conjecture, develop, formulate, author, investigate
EVALUATE
Justify a stand or decision
Appraise, argue, defend, judge, select, support, value, critique, weigh
ANALYSE
Draw connections among ideas
differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test
APPLY
Use information in new situation
Execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch
UNDERSTAND
Explain ideas or concepts
Classify, describe, discuss, explain, identify, locate, recognize, report, select, translate
REMEMBER
Recall facts and basic concepts
define, duplicate, list, memorize, repeat, state

Figure 2.2.2.1: Bloom's taxonomy



NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
II B.Tech I Semester – I MID Examinations NOVEMBER-2023
Academic Year 2023-2024

SUBJECT:
SUBJECT CODE: Max Marks: 30
BRANCH: Time: 2Hrs
Date:

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 - Creating

PART-A

(Answer all the questions. Each question carries 1 mark) 1x10=10 Marks

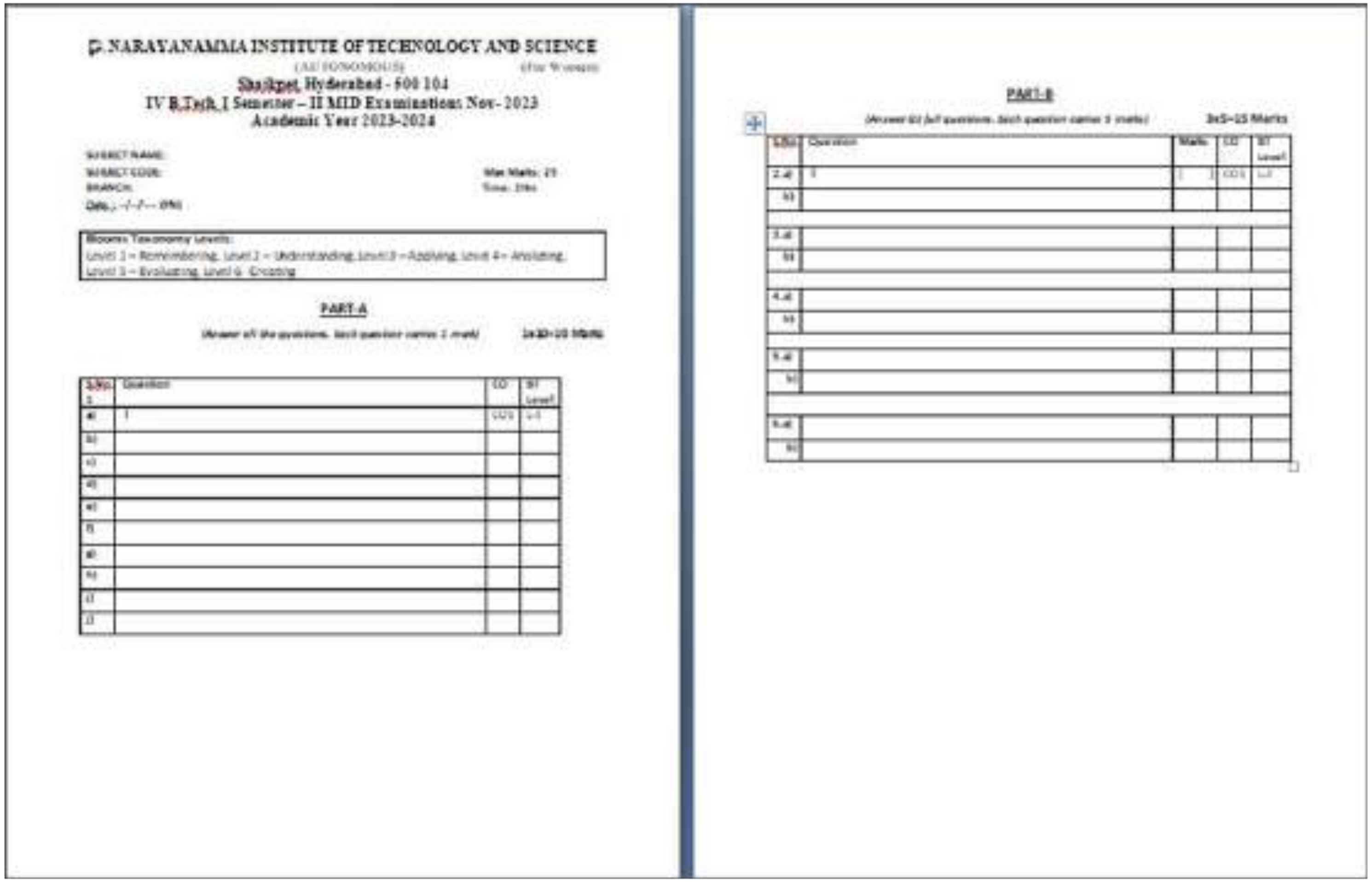
S.No 1	Question	CO	BT Level
a)	UNIT-1	CO1	L1
b)	UNIT-1		
c)	UNIT-1		
d)	UNIT-1		
e)	UNIT-2		
f)	UNIT-2		
g)	UNIT-2		
h)	UNIT-2		
i)	UNIT-3		
j)	UNIT-3		

PART-B

(Answer all full questions. Each question carries 5 marks) 4x5=20 Marks

S.No	Question	Marks	CO	BT Level
2.a)	UNIT-1	[illegible]	CO1	L1
b)	UNIT-1			
3.a)	UNIT-1			
b)	UNIT-1			
4.a)	UNIT-2			
b)	UNIT-2			
5.a)	UNIT-2			
b)	UNIT-2			
6.a)	UNIT-3			
b)	UNIT-3			
7.a)	UNIT-1			
b)	UNIT-2			

Fig 2.2.2.2. Question paper template of R22 Mid term Examination



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
IV B.Tech. I Semester – II MID Examinations Nov- 2023
Academic Year 2023-2024

PART-A

PART-B

3x5=15 Marks

Figure 2.2.2.3. Question paper template of R18 Mid term Examination

After the examination the concerned course instructor collects internal exam answer scripts from the examination section for evaluation. Every course instructor has to show the valued answer scripts to students in the classroom and review the answers. After evaluation and thorough verification of answer scripts, course instructors need to post the marks in the ECAP and return the answer scripts to the department examination section as per the schedule after online entry.

Class assignments/ Assessment tests

Two class assignments/assessments consisting of any one of the alternative assessment tools like online quiz / assignment / objective exam / course project / case study etc. are conducted and evaluated.To evaluate the student learning based on the outcomes of the course, the questions are prepared using blooms taxonomy levels and mapped to course outcomes.

Assignment questions are framed in such a way to encourage self-learning habit in students and also ensures that the student refer different sources to answer the questions. Assignments are evaluated and reviewed to improve their learning capabilities.

The consolidated Mid and class assignment marks are finalized based on academic regulations. A final consolidated mid semester marks statement of the current semester are sent to the Head of the Department for verification. The below Tables 2.2.2.1 and 2.2.2.2 are the details of Consolidated Internal Examination marks for R22 and R18 regulations respectively.

Table 2.2.2.1. Template of Consolidated Internal examination marks for theory courses (R22)

S.No	**Roll.No.**	**Mid-I (30M)**	**AS-I (5M)**	**Mid-II (30M)**	**AS-II (5M)**	**Average= (Mid-I + Mid-II) / 2 (30M)**	**Viva Voce/ PPT/Case Study(5M)**	**Total Marks = (Average+ VivaVoce) (40M)**

Table 2.2.2.2. Template of Consolidated Mid examination marks for theory courses (R18)

S.No	**Roll.No.**	**Mid-I (25M)**	**AS- I (5M)**	**CIE- I = (Mid-I + AS-I) (30M)**	**Mid- II (25M)**	**AS- II (5M)**	**CIE- II = (Mid-II + AS-II) (30M)**	**Total Marks = Average = (CIE-I + CIE-II) / 2 (30M)**

Semester End Examinations (SEE):

The performance of a student in each semester shall be evaluated subject-wise (irrespective of the credits assigned) with a maximum of 100 marks for Theory, or Labs/ Practicals, or Engineering Graphics/ Engineering Drawing, or Elective Course, or Mini-Projects, or Seminar, or Project –I (Phase – I), or Project – II (Phase – II) etc.

R22: These evaluations shall be based on 40% CIE (Continuous Internal Evaluation) and 60% SEE (Semester End Examination) basis, and a Letter Grade corresponding to the % of marks obtained shall be given.

R18: These evaluations shall be based on 30% CIE (Continuous Internal Evaluation) and 70% SEE (Semester End Examination) basis, and a Letter Grade corresponding to the % of marks obtained shall be given.

For theoretical subjects(Humanities and Basic Science) around 70% of marks are allotted to theory questions, 10% to problems and remaining 20% to analytical questions. For Engineering subjects 50% are allotted to theory questions 25% to problems and 25% to analytical questions. Likewise for Mathematical subjects 10% of questions will be theoretical, 70% will be problematic and the remaining 20% will be analytical.

An analysis is also performed to verify that the students are being tested based on the course outcomes defined in the syllabus pertaining to each of the subjects

The following procedure is followed for semester end examinations (SEE).

● Semester end examinations are conducted centrally by the examination section.

● A faculty is identified and informed one day before the examination to moderate the question paper one hour before the commencement of the examination.

● The faculty member while moderating the question paper scrutinizes Blooms Taxonomy and COs of the question paper.

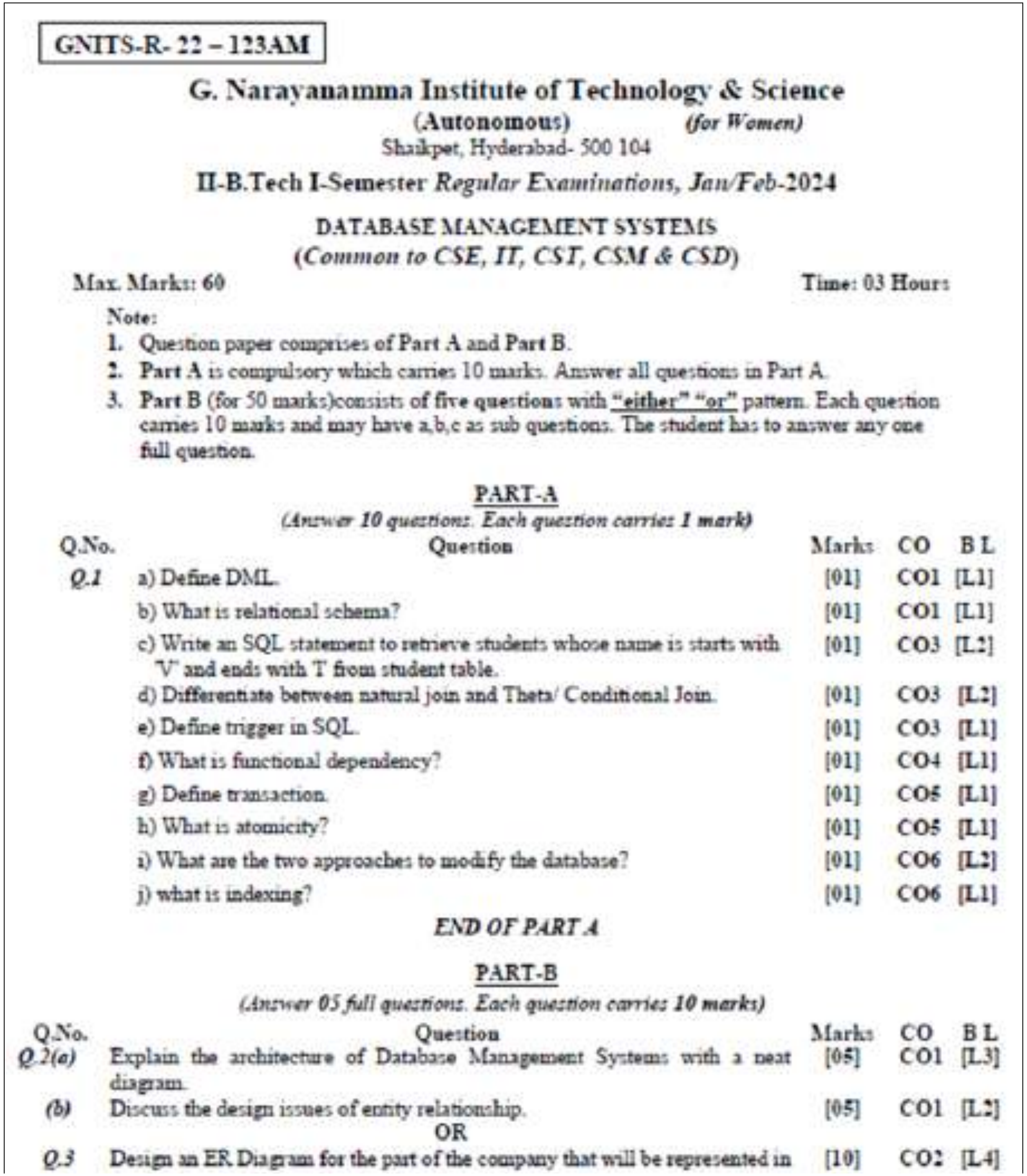
Further the moderator is required to ensure that:

- The questions are within the syllabus
- The format of the model question paper is followed
- The standards of the questions are maintained
- The balance between the time allocated for the paper and the complexity or level of difficulty in answering the questions, and the marks allocated is maintained.

In case of any deviations, the moderator corrects/ changes the questions. However, the moderator has to substantiate the changes and give a report for the same. The identified suggestions through feedback given by the moderator are collected and considered for further process. The question paper template of External/ Semester end examination for R22 is shown in Figure 2.2.2.4 and for R18 is shown in Figure 2.2.2.5

R-22:

In R-22 Semester End Examination (SEE) is conducted for 3 hours with total 60 marks. The SEE Question Paper will have two parts : i) Part-A is for 10 marks and is compulsory- it consists of 10 questions of 1 mark each (2 questions from each unit); and ii) Part-B is for 50 marks – it consists of 5 questions of 10 marks each (one question from each unit, it may contain sub-questions); for each question there will be ‘either/ or’ choice, which means that there will be two questions from each unit and the student should answer one of these two



GNITS-R- 22 – 123AM

G. Narayanamma Institute of Technology & Science

(Autonomous) *(for Women)*
Shaikpet, Hyderabad- 500 104

II-B.Tech I-Semester ***Regular Examinations, Jan/Feb-2024***

DATABASE MANAGEMENT SYSTEMS

(Common to CSE, IT, CST, CSM & CSD)

Max. Marks: 60 **Time: 03 Hours**

Note:

1. Question paper comprises of Part A and Part B.
2. **Part A** is compulsory which carries 10 marks. Answer all questions in Part A.
3. **Part B** (for 50 marks)consists of **five questions** with **"either" "or"** pattern. Each question carries 10 marks and may have a,b,c as sub questions. The student has to answer any one full question.

PART-A

(Answer 10 questions. Each question carries 1 mark)

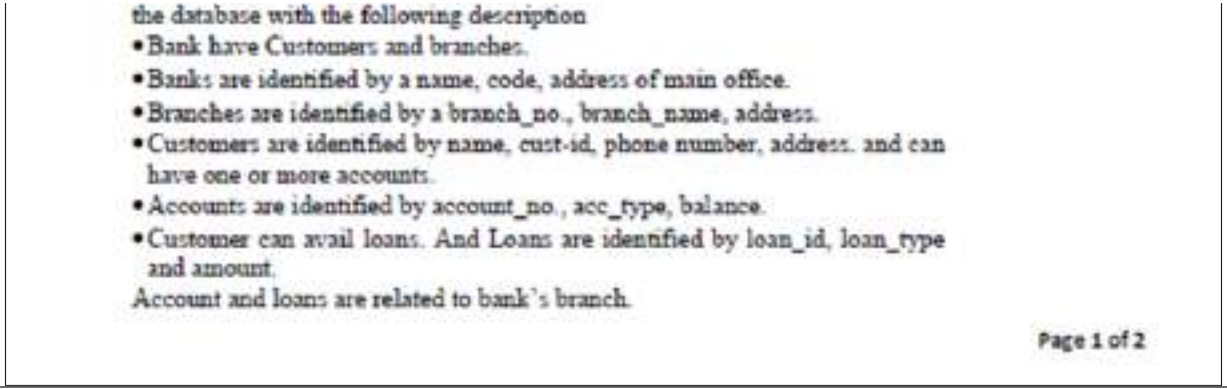
Q.No.	Question	Marks	CO	B L
Q.1	a) Define DML.	[01]	CO1	[L1]
	b) What is relational schema?	[01]	CO1	[L1]
	c) Write an SQL statement to retrieve students whose name is starts with 'V' and ends with 'I' from student table.	[01]	CO3	[L2]
	d) Differentiate between natural join and Theta/ Conditional Join.	[01]	CO3	[L2]
	e) Define trigger in SQL.	[01]	CO3	[L1]
	f) What is functional dependency?	[01]	CO4	[L1]
	g) Define transaction.	[01]	CO5	[L1]
	h) What is atomicity?	[01]	CO5	[L1]
	i) What are the two approaches to modify the database?	[01]	CO6	[L2]
	j) what is indexing?	[01]	CO6	[L1]

END OF PART A

PART-B

(Answer 05 full questions. Each question carries 10 marks)

Q.No.	Question	Marks	CO	B L
Q.2(a)	Explain the architecture of Database Management Systems with a neat diagram.	[05]	CO1	[L3]
(b)	Discuss the design issues of entity relationship.	[05]	CO1	[L2]
	OR			
Q.3	Design an ER Diagram for the part of the company that will be represented in	[10]	CO2	[L4]

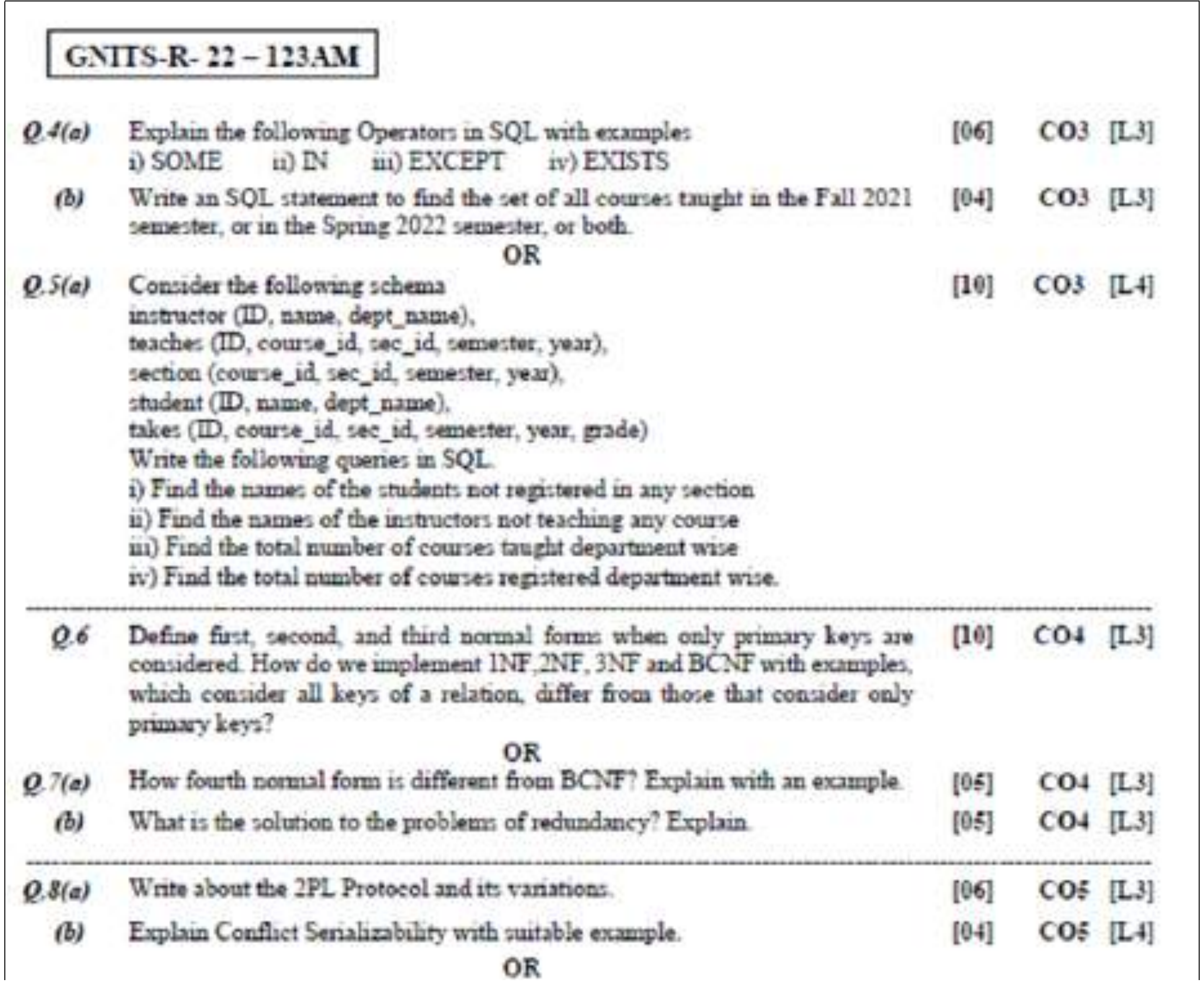


the database with the following description

- Bank have Customers and branches.
- Banks are identified by a name, code, address of main office.
- Branches are identified by a branch_no., branch_name, address.
- Customers are identified by name, cust-id, phone number, address. and can have one or more accounts.
- Accounts are identified by account_no., acc_type, balance.
- Customer can avail loans. And Loans are identified by loan_id, loan_type and amount.

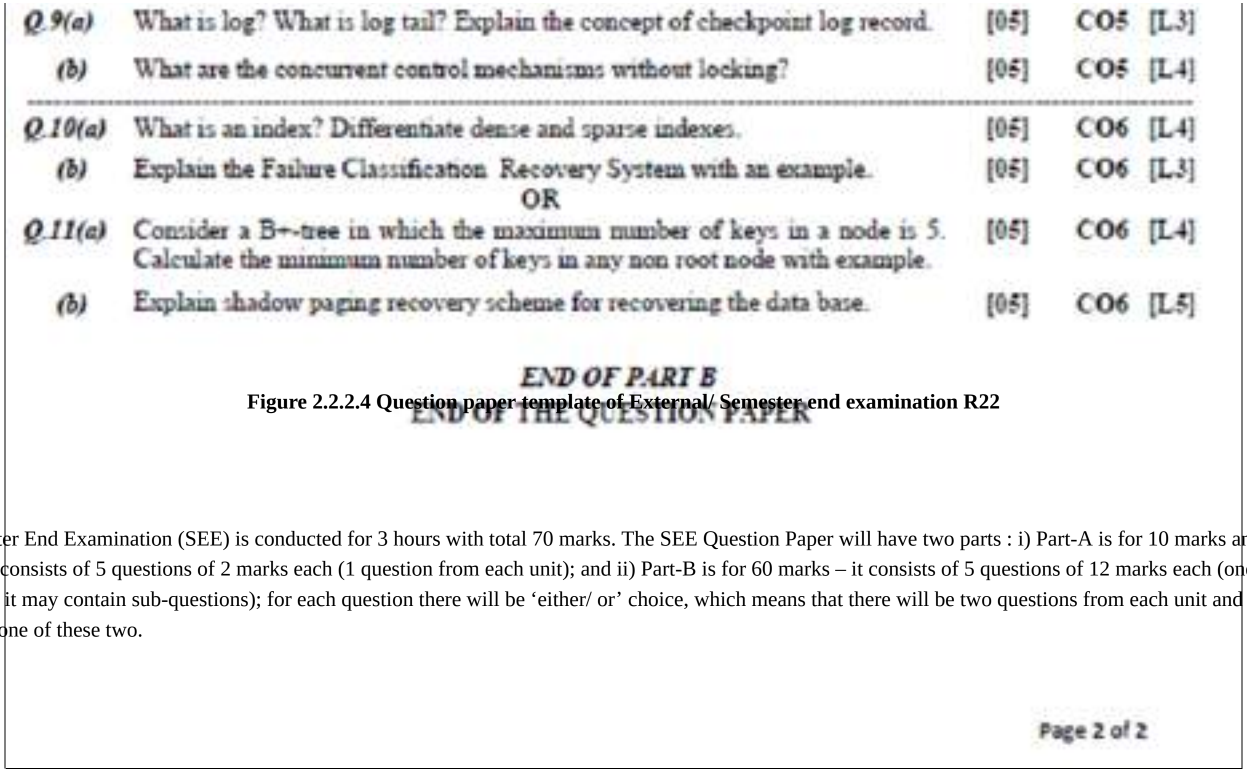
Account and loans are related to bank's branch.

Page 1 of 2



GNITS-R- 22 – 123AM

Q.4(a)	Explain the following Operators in SQL with examples i) SOME ii) IN iii) EXCEPT iv) EXISTS	[06]	CO3	[L3]
(b)	Write an SQL statement to find the set of all courses taught in the Fall 2021 semester, or in the Spring 2022 semester, or both.	[04]	CO3	[L3]
	OR			
Q.5(a)	Consider the following schema instructor (ID, name, dept_name), teaches (ID, course_id, sec_id, semester, year), section (course_id, sec_id, semester, year), student (ID, name, dept_name), takes (ID, course_id, sec_id, semester, year, grade) Write the following queries in SQL. i) Find the names of the students not registered in any section ii) Find the names of the instructors not teaching any course iii) Find the total number of courses taught department wise iv) Find the total number of courses registered department wise.	[10]	CO3	[L4]
Q.6	Define first, second, and third normal forms when only primary keys are considered. How do we implement 1NF,2NF, 3NF and BCNF with examples, which consider all keys of a relation, differ from those that consider only primary keys?	[10]	CO4	[L3]
	OR			
Q.7(a)	How fourth normal form is different from BCNF? Explain with an example.	[05]	CO4	[L3]
(b)	What is the solution to the problems of redundancy? Explain.	[05]	CO4	[L3]
Q.8(a)	Write about the 2PL Protocol and its variations.	[06]	CO5	[L3]
(b)	Explain Conflict Serializability with suitable example.	[04]	CO5	[L4]
	OR			



Q.9(a)	What is log? What is log tail? Explain the concept of checkpoint log record.	[05]	CO5	[L3]
(b)	What are the concurrent control mechanisms without locking?	[05]	CO5	[L4]
Q.10(a)	What is an index? Differentiate dense and sparse indexes.	[05]	CO6	[L4]
(b)	Explain the Failure Classification Recovery System with an example.	[05]	CO6	[L3]
	OR			
Q.11(a)	Consider a B+-tree in which the maximum number of keys in a node is 5. Calculate the minimum number of keys in any non root node with example.	[05]	CO6	[L4]
(b)	Explain shadow paging recovery scheme for recovering the data base.	[05]	CO6	[L5]

END OF PART B

END OF THE QUESTION PAPER

Page 2 of 2

Figure 2.2.2.4 Question paper template of External/ Semester end examination R22

R18:

In R-18 Semester End Examination (SEE) is conducted for 3 hours with total 70 marks. The SEE Question Paper will have two parts : i) Part-A is for 10 marks and is compulsory- it consists of 5 questions of 2 marks each (1 question from each unit); and ii) Part-B is for 60 marks – it consists of 5 questions of 12 marks each (one question from each unit, it may contain sub-questions); for each question there will be ‘either/ or’ choice, which means that there will be two questions from each unit and the student should answer one of these two.

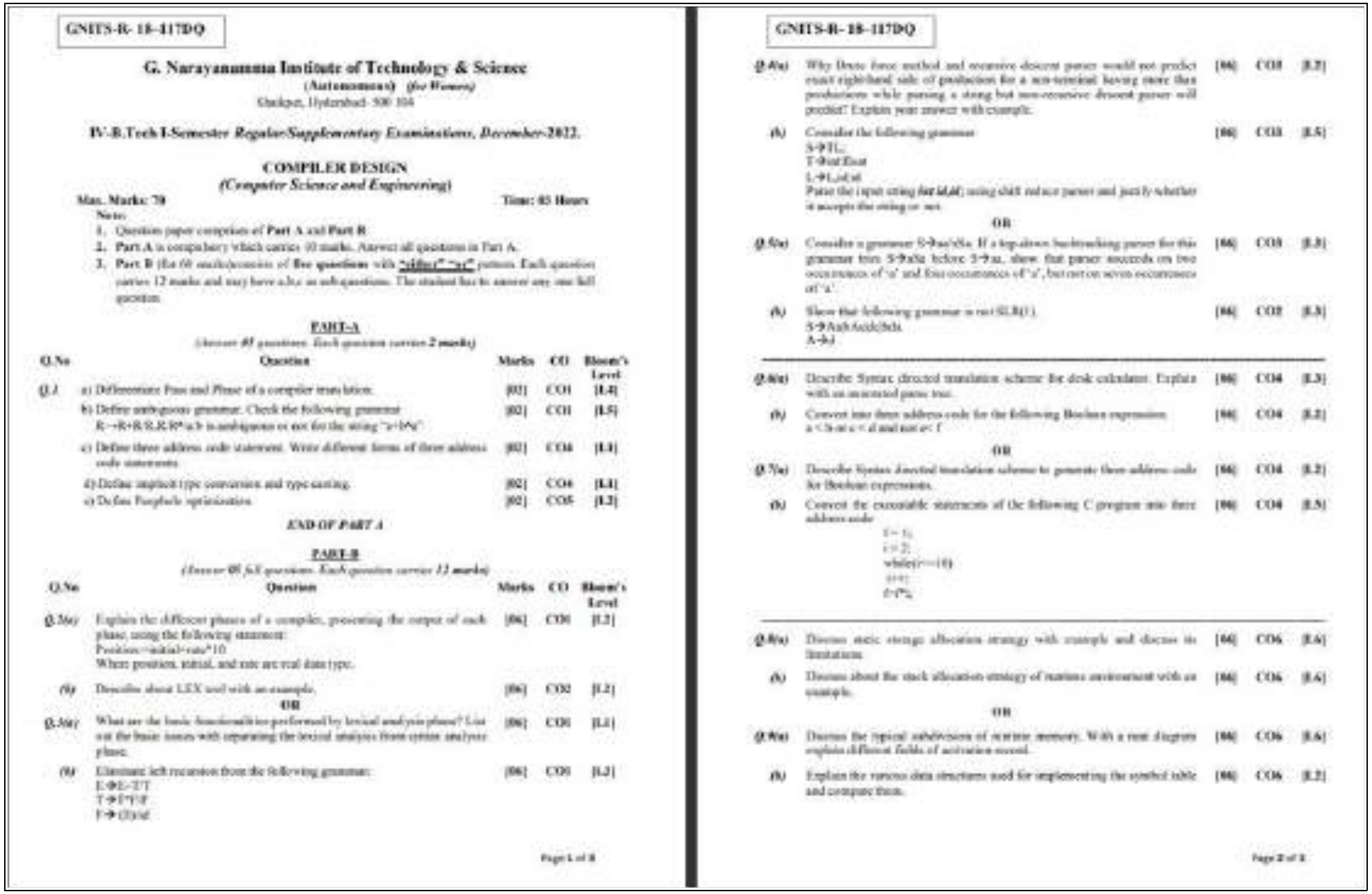


Figure 2.2.2.5 Question paper template of External/ Semester end examination R18

B. Process to ensure questions from course outcomes/ learning level prospective (2)

Question Paper is be prepared with the following guidelines:

1. Every question should map to at least one of the identified course outcomes.

2. The setting of question paper need to cover the taxonomical levels in Cognitive Domain (Bloom’s taxonomy).

3. Course coordinator need to discuss with the module coordinator with respect to structure and weightage of marks in the question paper.

4. Mention the CO number and cognitive level against each question in the question paper.

Question papers are prepared according to IQAC format (a sample is shown below)

Here are some initiatives that are taken Certainly, here are some initiatives that are taken to ensure the quality of end semester examinations

End Semester Examinations:

1. Relevance to course material: Ensure that the questions asked in the examination align closely with the topics covered troughout the semester.

2. Depth of understanding: Include questions that require students to demonstrate a deep understanding of key concepts rather than just memorization.

3. Variety of question types: Incorporate a mix of short answer, and essay questions to assess different levels of understanding and skills.

4. Clarity and precision: Write clear and unambiguous questions to avoid confusion and ensure students know exactly what is being asked of them.

5. Fairness: Ensure that the difficulty level of questions is appropriate and that there are no biases or unfair advantages given to certain topics or students.

Internal semester Examinations:

1. **Alignment with learning objectives:** Ensure that the questions in the internal semester question paper align with the stated learning objectives of the course.
2. **Progressive Difficulty:** Start with easier questions and gradually increase the difficulty to challenge students at different levels of proficiency.
3. **Coverage of course Material:** Make sure that the question paper covers all the important topics and concepts taught during the semester.
4. **Timeliness:** Provide students with the question paper with enough time for them to prepare adequately before the examination.
5. **Feedback Incorporation:** Consider incorporating feedback from previous assessments to improve the quality and relevance of the internal semester question paper.

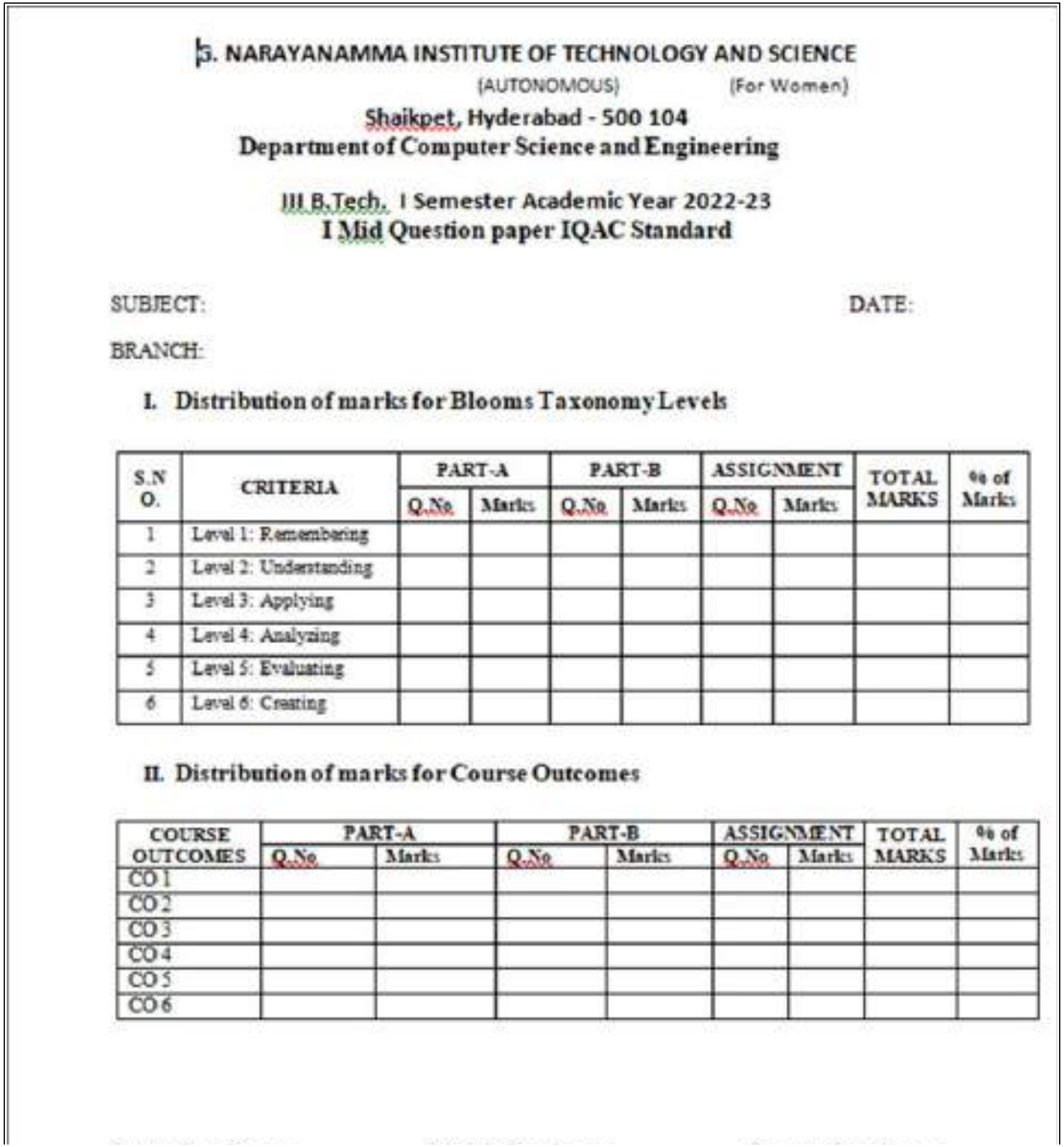
Assignments:

1. **Alignment with Learning Objectives:** Ensure that assignments are designed to reinforce key concepts and skills learned in the course.
2. **Engagement:** Design assignments that are interesting and relevant to students interests and real-world applications to promote engagement and motivation.
3. **Feedback mechanism:** Establish a clear process for providing timely and constructive feedback on assignments to help students understand their strengths and areas for improvement.
4. **Variety:** Offer a variety of assignment types (e.g., research papers, case studies, group projects) to cater to different learning styles and abilities.

C. Evidence of COs Coverage in Mid Term exam/ Assignment (5)

In the IQAC format, distribution of marks for Bloom’s Taxonomy Levels for all the questions of Mid Term examination along with assignment questions is analysed.

Also analysis of distribution of marks for Course Outcomes with respective to every question in the Mid Term examination including assignment question is performed. A sample IQAC standard format is shown in Figure 2.2.2.6



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
Department of Computer Science and Engineering

III B.Tech. I Semester Academic Year 2022-23
I Mid Question paper IQAC Standard

SUBJECT: DATE:

BRANCH:

I. Distribution of marks for Blooms Taxonomy Levels

S.NO.	CRITERIA	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
		Q.No	Marks	Q.No	Marks	Q.No	Marks		
1	Level 1: Remembering								
2	Level 2: Understanding								
3	Level 3: Applying								
4	Level 4: Analyzing								
5	Level 5: Evaluating								
6	Level 6: Creating								

II. Distribution of marks for Course Outcomes

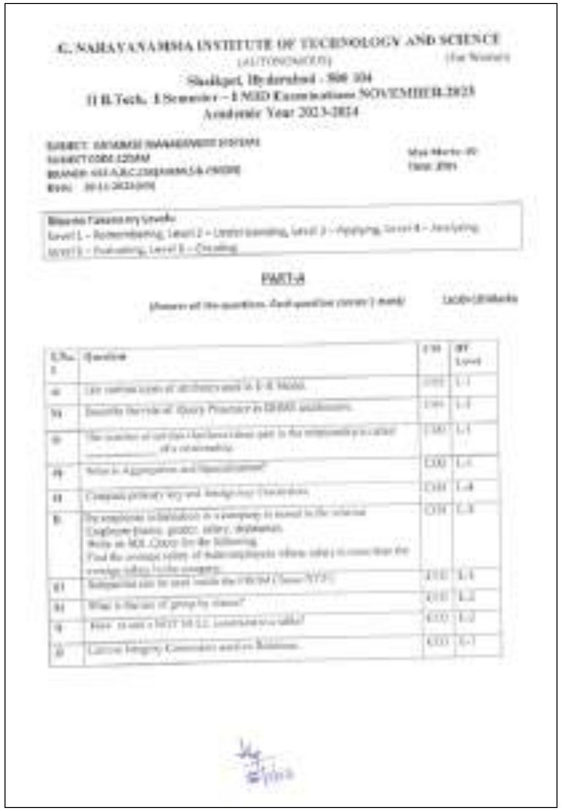
COURSE OUTCOMES	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
	Q.No	Marks	Q.No	Marks	Q.No	Marks		
CO 1								
CO 2								
CO 3								
CO 4								
CO 5								
CO 6								

Course Coordinator Module Coordinator Program Coordinator

Figure 2.2.2.6: IQAC standard format

The sample copies of R-22 Mid examination-I, IQAC of Mid examination-I ,Mid examination-II, , IQAC of Mid examination-II are shown from Figure 2.2.2.7 to 2.2.2.10

The sample copies of R-18 Mid examination-I, IQAC of Mid examination-I, Mid examination-II, IQAC of Mid examination-II are shown from Figure 2.2.2.11 to 2.2.2.14



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(For Women)
Shaikpet, Hyderabad - 500 104
II B.Tech. I Semester – I MID Examinations NOVEMBER-2023
Academic Year 2023-2024

PART-A

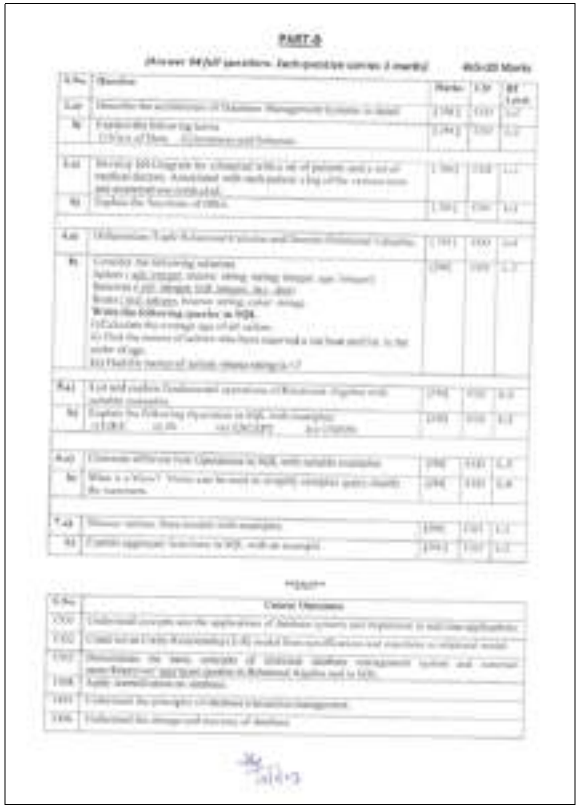
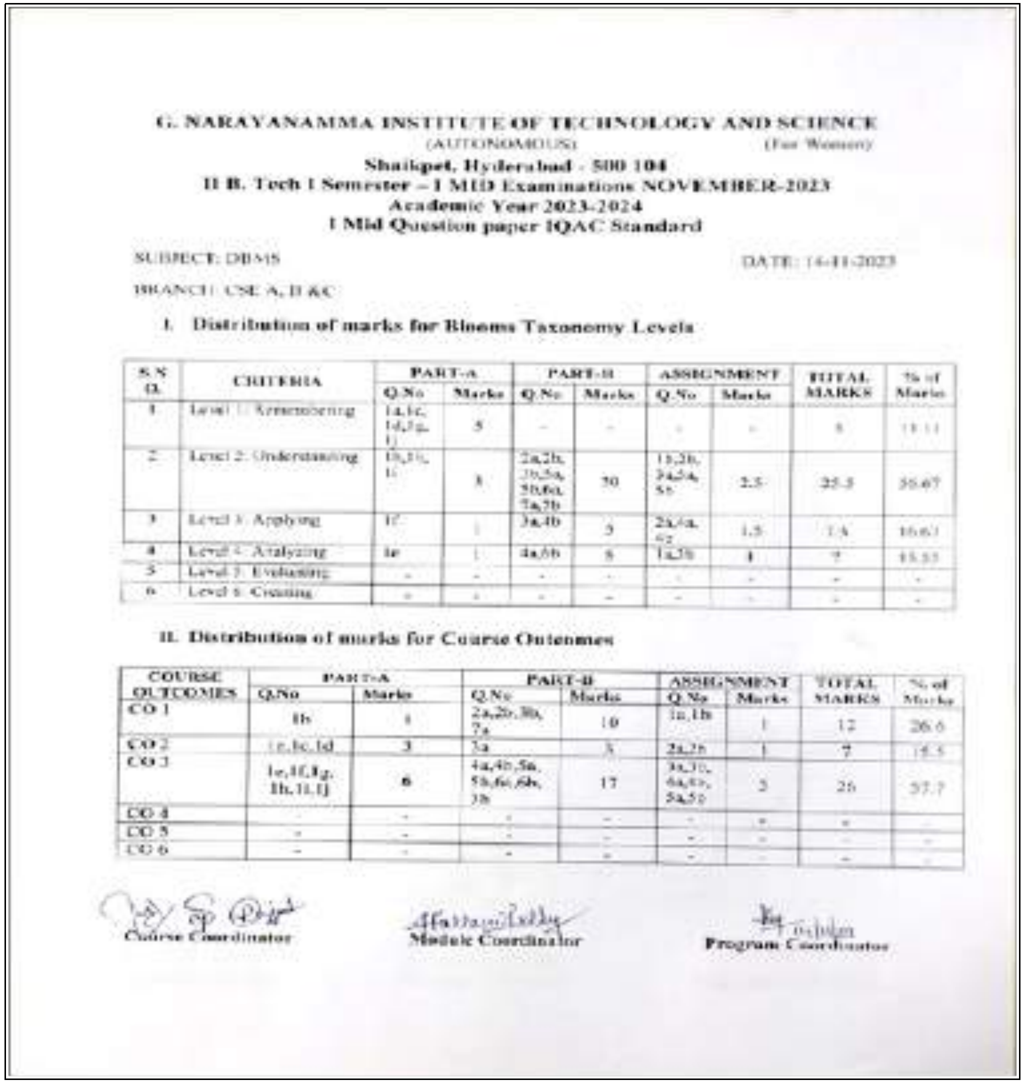


Figure 2.2.2.7: Question paper for Mid examination-I R22



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Shaikpet, Hyderabad - 500 104
II B. Tech I Semester – I MID Examinations NOVEMBER-2023
Academic Year 2023-2024
I Mid Question paper IQAC Standard

SUBJECT: DBMS DATE: 14-11-2023

BRANCH: CSE A, B &C

I. Distribution of marks for Blooms Taxonomy Levels

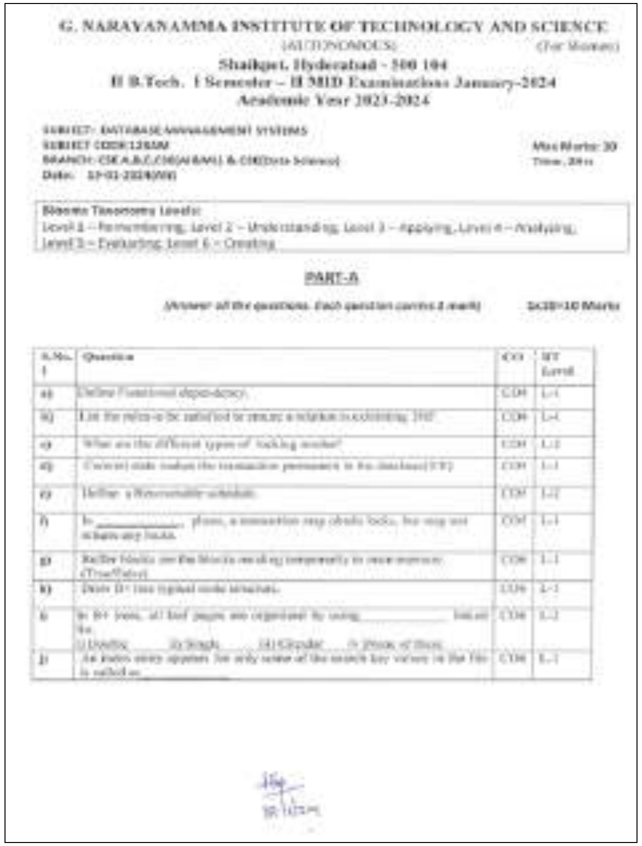
S.N O.	CRITERIA	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
		Q.No	Marks	Q.No	Marks	Q.No	Marks		
1	Level 1: Remembering	1a,1c, 1d,1g, 1i	5	-	-	-	-	5	11.11
2	Level 2: Understanding	1b,1h, 1j	3	2a,2b, 3b,5a, 5b,6a, 7a,7b	20	1b,2b, 3a,5a, 5b	2.5	25.5	56.67
3	Level 3: Applying	1f	1	3a,4b	5	2a,4a, 4b	1.5	7.5	16.67
4	Level 4: Analyzing	1e	1	4a,6b	5	1a,3b	1	7	15.55
5	Level 5: Evaluating	-	-	-	-	-	-	-	-
6	Level 6: Creating	-	-	-	-	-	-	-	-

II. Distribution of marks for Course Outcomes

COURSE OUTCOMES	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
	Q.No	Marks	Q.No	Marks	Q.No	Marks		
CO 1	1b	1	2a,2b,3b, 7a	10	1a,1b	1	12	26.6
CO 2	1a,1c,1d	3	3a	3	2a,2b	1	7	15.5
CO 3	1e,1f,1g, 1h,1i,1j	6	4a,4b,5a, 5b,6a,6b, 3b	17	3a,3b, 4a,4b, 5a,5b	3	26	57.7
CO 4	-	-	-	-	-	-	-	-
CO 5	-	-	-	-	-	-	-	-
CO 6	-	-	-	-	-	-	-	-

Course Coordinator Module Coordinator Program Coordinator

Figure 2.2.2.8: Mid examination-I Question paper IQAC for R22



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Shaikpet, Hyderabad - 500 104
II B.Tech. I Semester – II MID Examinations January-2024
Academic Year 2023-2024

SUBJECT: DATABASE MANAGEMENT SYSTEMS
SUBJECT CODE: [illegible]
BRANCH: CSE A,B,C, CSE(AI&ML) & CSE(Data Science)
Date: [illegible]

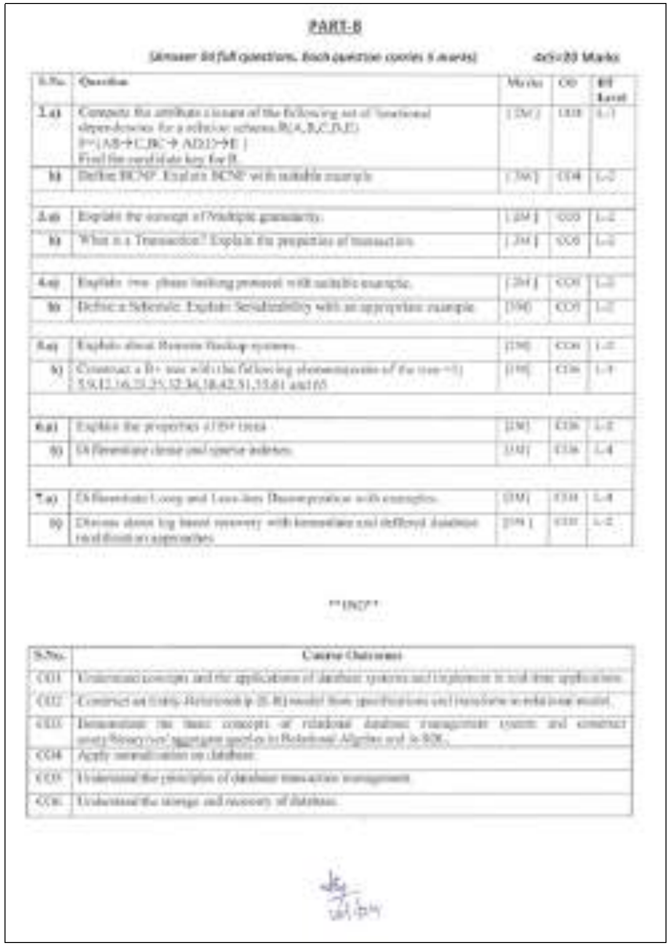
Max Marks: 30
Time: 2Hrs

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 – Creating

PART-A

(Answer all the questions. Each question carries 1 mark) **1x10=10 Marks**

S.No.	Question	CO	BT Level
a)	Define Functional dependency.	CO4	L-1
b)	List the rules to be satisfied to ensure a relation is [illegible] 3NF?	CO4	L-4
c)	What are the different types of locking modes?	CO5	L-2
d)	[illegible] state makes the transaction permanent in the database(T/F)	CO5	L-1
e)	Define a Recoverable schedule.	CO5	L-2
f)	In ______ phase, a transaction may obtain locks, but may not release any locks.	CO5	L-1
g)	Buffer blocks are the blocks residing temporarily in main memory. (True/False)	CO6	L-1
h)	Draw B+ tree typical node structure.	CO6	L-1
i)	In B+ trees, all leaf pages are organized by using ______ linked list. i) Doubly ii) Single iii) Circular iv) None of these	CO6	L-2
j)	An index entry appears for only some of the search key values in the file is called as ______	CO6	L-1



PART-B

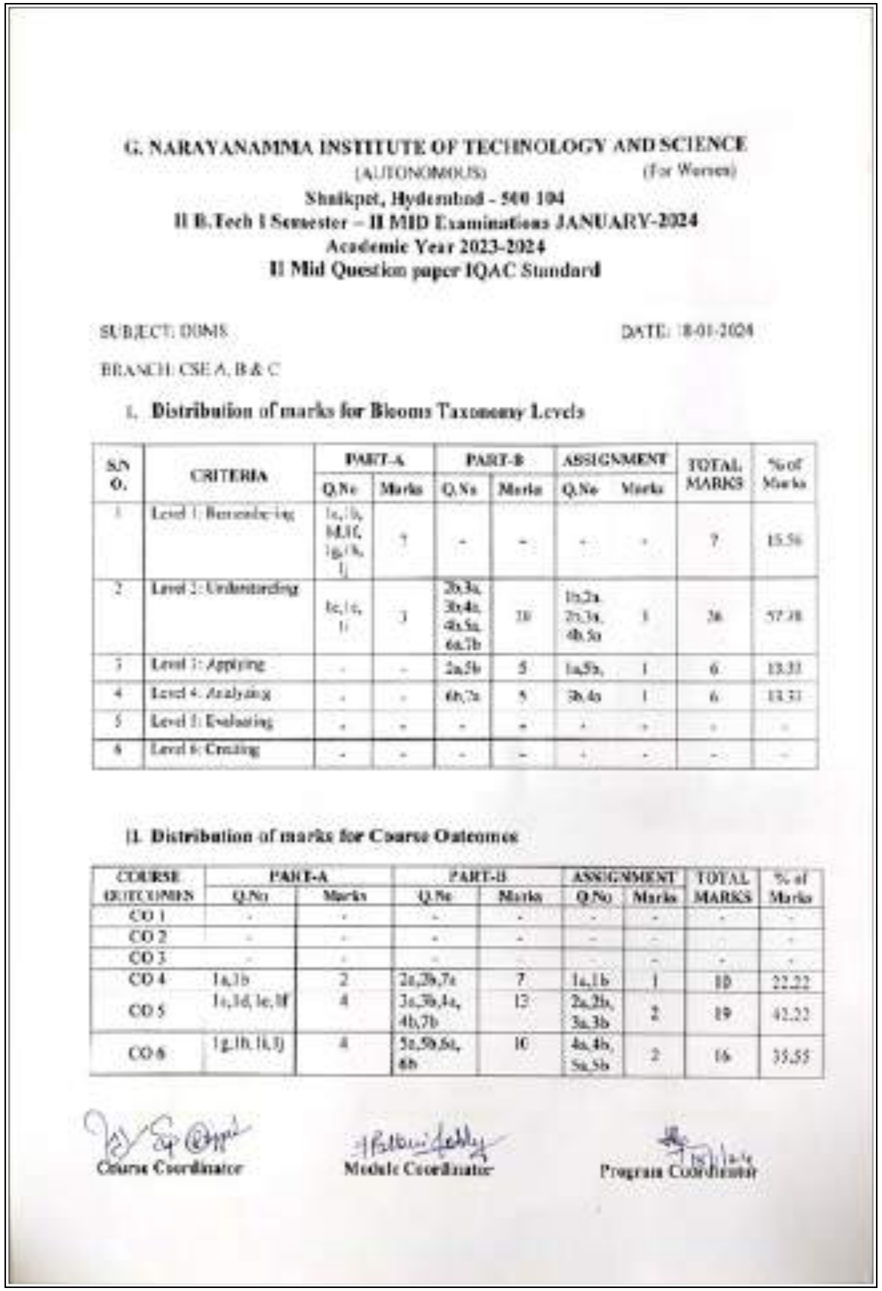
(Answer All full questions. Each question carries 5 marks) 4x5=20 Marks

S.No.	Question	Marks	CO	BT Level
2.a)	Compute the attribute closure of the following set of functional dependencies for a relation schema R(A,B,C,D,E) F={AB→C,BC→AD,D→E } Find the candidate key for R.	[2M]	CO4	L-3
b)	Define BCNF. Explain BCNF with suitable example.	[3M]	CO4	L-2
3.a)	Explain the concept of Multiple granularity.	[2M]	CO5	L-2
b)	What is a Transaction? Explain the properties of transaction.	[3M]	CO5	L-2
4.a)	Explain two-phase locking protocol with suitable example.	[2M]	CO5	L-2
b)	Define a Schedule. Explain Serializability with an appropriate example.	[3M]	CO5	L-2
5.a)	Explain about Remote Backup systems.	[2M]	CO6	L-2
b)	Construct a B+ tree with the following elements(order of the tree =3) 5,9,12,16,21,25,32,36,38,42,51,55,61 and 65	[3M]	CO6	L-3
6.a)	Explain the properties of B+ trees.	[2M]	CO6	L-2
b)	Differentiate dense and sparse indexes.	[3M]	CO6	L-4
7.a)	Differentiate Lossy and Loss-less Decomposition with examples.	[2M]	CO4	L-4
b)	Discuss about log based recovery with immediate and deffered database modification approaches.	[3M]	CO6	L-2

END

S.No.	Course Outcomes
CO1	Understand concepts and the applications of database systems and implement in real time applications.
CO2	Construct an Entity-Relationship (E-R) model from specifications and transform to relational model.
CO3	Demonstrate the basic concepts of relational database management system and construct unary/binary/set/aggregate queries in Relational Algebra and in SQL.
CO4	Apply normalization on database.
CO5	Understand the principles of database transaction management.
CO6	Understand the storage and recovery of databases.

Figure 2.2.2.9: Question paper for Mid examination-II R22



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE

(AUTONOMOUS) (For Women)

Shaikpet, Hyderabad - 500 104

II B.Tech I Semester – II MID Examinations JANUARY-2024

Academic Year 2023-2024

II Mid Question paper IQAC Standard

SUBJECT: DDMS DATE: 18-01-2024

BRANCH: CSE A, B & C

I. Distribution of marks for Blooms Taxonomy Levels

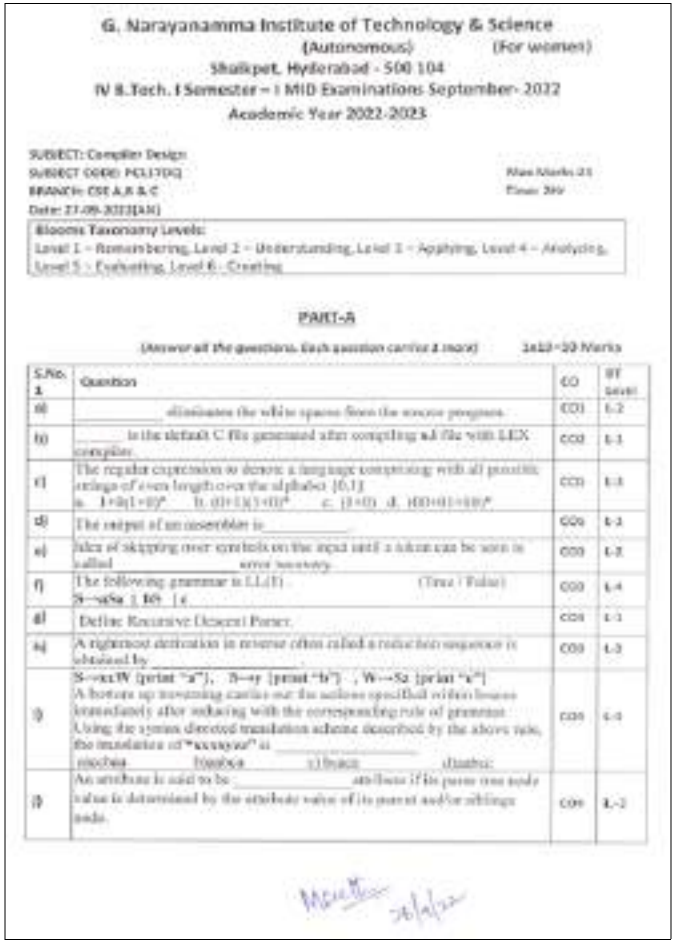
S.N O.	CRITERIA	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
		Q.No	Marks	Q.No	Marks	Q.No	Marks		
1	Level 1: Remembering	1a,1b, 1d,1f, 1g,1h, 1j	7	-	-	-	-	7	15.56
2	Level 2: Understanding	1c,1e, 1i	3	2b,3a, 3b,4a, 4b,5a, 6a,7b	20	1b,2a, 2b,3a, 4b,5a	3	26	57.78
3	Level 3: Applying	-	-	2a,5b	5	1a,5b,	1	6	13.33
4	Level 4: Analyzing	-	-	6b,7a	5	3b,4a	1	6	13.33
5	Level 5: Evaluating	-	-	-	-	-	-	-	-
6	Level 6: Creating	-	-	-	-	-	-	-	-

II. Distribution of marks for Course Outcomes

COURSE OUTCOMES	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
	Q.No	Marks	Q.No	Marks	Q.No	Marks		
CO 1	-	-	-	-	-	-	-	-
CO 2	-	-	-	-	-	-	-	-
CO 3	-	-	-	-	-	-	-	-
CO 4	1a,1b	2	2a,2b,7a	7	1a,1b	1	10	22.22
CO 5	1c,1d, 1e,1f	4	3a,3b,4a, 4b,7b	13	2a,2b, 3a,3b	2	19	42.22
CO 6	1g,1h, 1i,1j	4	5a,5b,6a, 6b	10	4a,4b, 5a,5b	2	16	35.55

Course Coordinator Module Coordinator Program Coordinator

Figure 2.2.2.10: Mid examination-II Question paper IQAC for R22



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(Autonomous) (For women)
Shaikpet, Hyderabad - 500 104
IV B.Tech. I Semester – I MID Examinations September- 2022
Academic Year 2022-2023

SUBJECT: Compiler Design
SUBJECT CODE: PCL17DQ
BRANCH: CSE A,B & C
Date: 27-09-2022(AN)

Max Marks: 25
Time: 2Hr

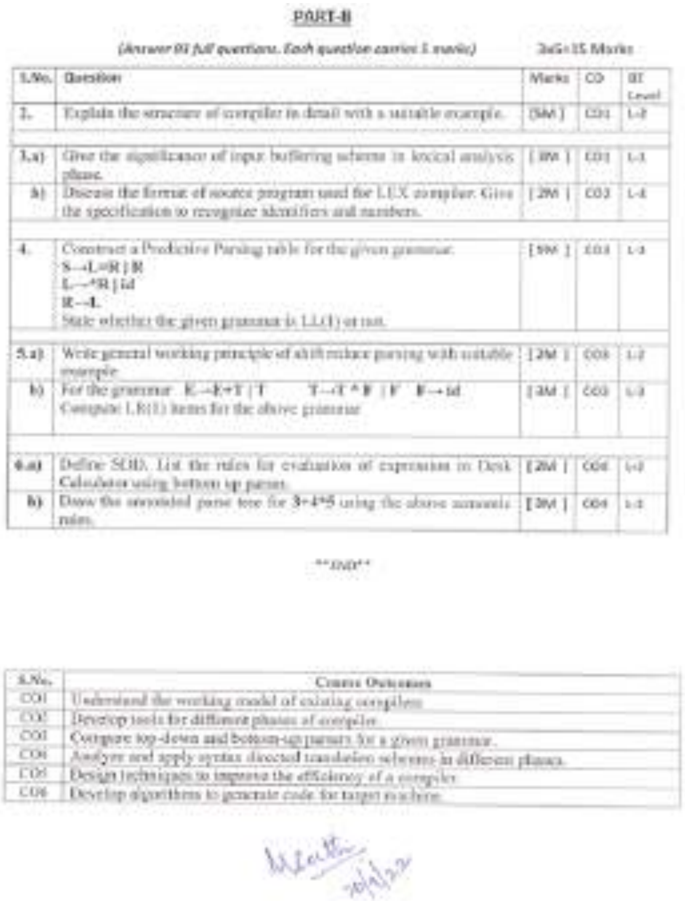
Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 – Creating

PART-A

(Answer all the questions. Each question carries 1 mark) 1x10=10 Marks

S.No. 1	Question	CO	BT Level
a)	______ eliminates the white spaces from the source program.	CO1	L-2
b)	______ is the default C file generated after compiling a .l file with LEX compiler.	CO1	L-1
c)	The regular expression to denote a language comprising with all possible strings of even length over the alphabet {0,1} a. 1+0(1+0)* b. (0+1)(1+0)* c. (1+0) d. (00+01+10)*	CO1	L-3
d)	The output of an assembler is ______	CO1	L-1
e)	Idea of skipping over symbols on the input until a token can be seen is called ______ error recovery.	CO1	L-2
f)	The following grammar is LL(1). (True / False) S→aSa | bS | ε	CO2	L-4
g)	Define Recursive Descent Parser.	CO2	L-1
h)	A rightmost derivation in reverse often called a reduction sequence is obtained by ______.	CO2	L-3
i)	S→xxW {print "a"}, S→y {print "b"}, W→Sz {print "c"} A bottom up translator carries out the actions specified within braces immediately after reducing with the corresponding rule of grammar. Using the syntax directed translation scheme described by the above rule, the translation of "xxxxyzz" is ______ a)[illegible] b)[illegible] c)[illegible] d)[illegible]	CO3	L-3
j)	An attribute is said to be ______ attribute if its parse tree node value is determined by the attribute value of its parent and/or siblings node.	CO4	L-2

26/9/22



PART-B

(Answer 03 full questions. Each question carries 5 marks) 3x5=15 Marks

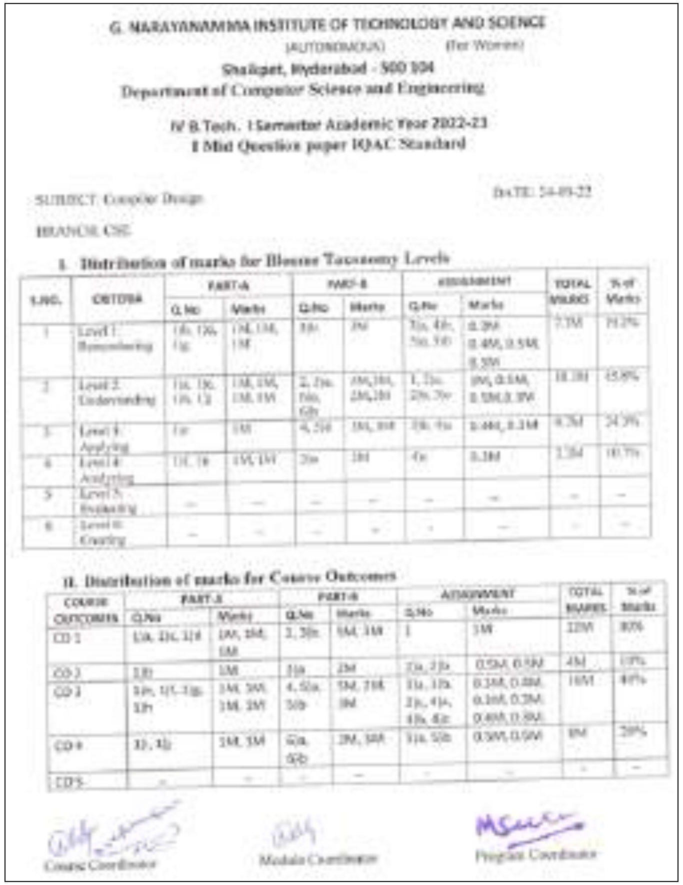
S.No.	Question	Marks	CO	BT Level
2.	Explain the structure of compiler in detail with a suitable example.	[5M]	CO1	L-2
3.a)	Give the significance of input buffering scheme in lexical analysis phase.	[3M]	CO1	L-1
b)	Discuss the format of source program used for LEX compiler. Give the specification to recognize identifiers and numbers.	[2M]	CO2	L-4
4.	Construct a Predictive Parsing table for the given grammar. S→L=R | R L→*R | id R→L State whether the given grammar is LL(1) or not.	[5M]	CO3	L-3
5.a)	Write general working principle of shift reduce parsing with suitable example.	[2M]	CO3	L-2
b)	For the grammar E→E+T | T T→T * F | F F→id Compute LR(1) items for the above grammar	[3M]	CO3	L-3
6.a)	Define SDD. List the rules for evaluation of expression in Desk Calculator using bottom up parser.	[2M]	CO4	L-2
b)	Draw the annotated parse tree for 3+4*5 using the above semantic rules.	[3M]	CO4	L-3

END

S.No.	Course Outcomes
CO1	Understand the working model of existing compilers
CO2	Develop tools for different phases of compiler
CO3	Compare top-down and bottom-up parsers for a given grammar.
CO4	Analyze and apply syntax directed translation schemes in different phases.
CO5	Design techniques to improve the efficiency of a compiler
CO6	Develop algorithms to generate code for target machine

20/4/22

Figure 2.2.2.11: Question paper for Mid examination-I R18



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
Department of Computer Science and Engineering

IV B.Tech. I Semester Academic Year 2022-23
I Mid Question paper IQAC Standard

SUBJECT: Compiler Design DATE: 24-09-22

BRANCH: CSE

I. Distribution of marks for Bloom's Taxonomy Levels

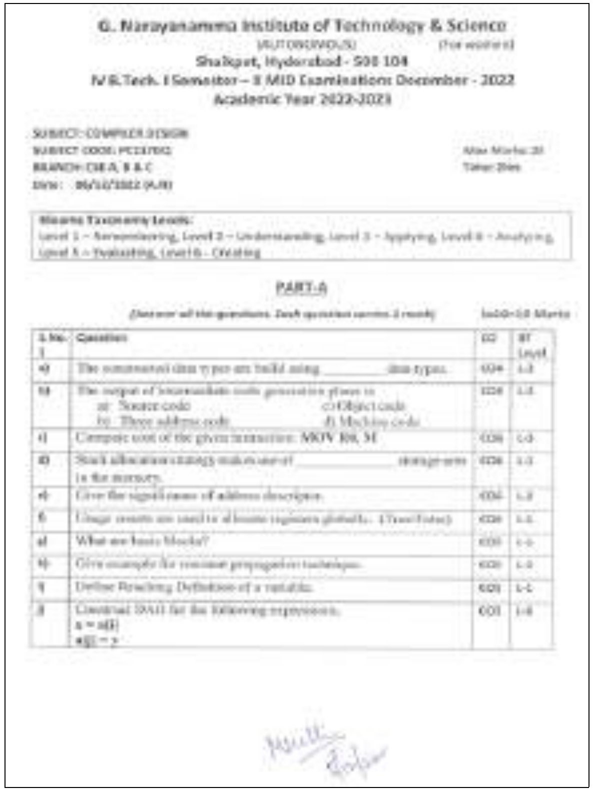
S.NO.	CRITERIA	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
		Q.No	Marks	Q.No	Marks	Q.No	Marks		
1	Level 1: Remembering	[illegible]	1M, 1M, 1M	3b	3M	[illegible]	[illegible]	7.7M	[illegible]
2	Level 2: Understanding	[illegible]	1M, 1M, 1M, 1M	[illegible]	[illegible]	[illegible]	[illegible]	18.3M	45.8%
3	Level 3: Applying	[illegible]	1M	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.3%
4	Level 4: Analyzing	[illegible]	1M, 1M	2a	[illegible]	4c	[illegible]	[illegible]	10.7%
5	Level 5: Evaluating	–	–	–	–	–	–	–	–
6	Level 6: Creating	–	–	–	–	–	–	–	–

II. Distribution of marks for Course Outcomes

COURSE OUTCOMES	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
	Q.No	Marks	Q.No	Marks	Q.No	Marks		
CO 1	[illegible]	1M, 1M, 1M	[illegible]	[illegible]	1	1M	12M	30%
CO 2	1b	1M	[illegible]	2M	2a, 2b	0.5M, 0.5M	4M	10%
CO 3	[illegible]	1M, 1M, 1M, 1M	4, 5a, 5b	[illegible]	[illegible]	[illegible]	16M	40%
CO 4	[illegible]	1M, 1M	6a, 6b	2M, 3M	[illegible]	0.5M, 0.5M	8M	20%
CO 5	–	–	–	–	–	–	–	–

Course Coordinator Module Coordinator Program Coordinator

Figure 2.2.2.12: Mid examination-I Question paper IQAC for R18



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Shaikpet, Hyderabad - 500 104
IV B.Tech. I Semester – II MID Examinations December - 2022
Academic Year 2022-2023

SUBJECT: COMPILER DESIGN
SUBJECT CODE: [illegible]
BRANCH: CSE A, B & C
DATE: 06/12/2022 (A.N)

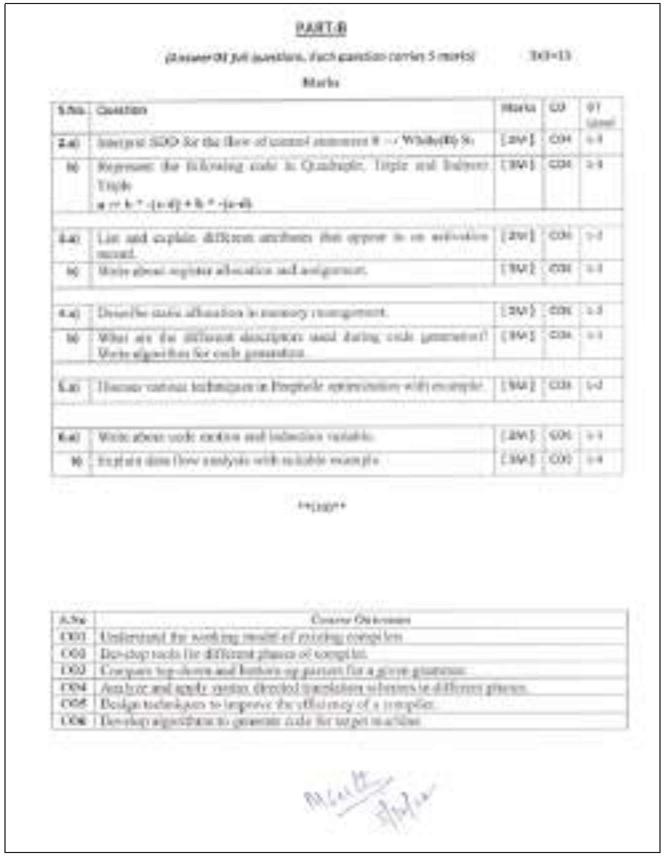
Max Marks: 20
Time: 2hrs

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 – Creating

PART-A

(Answer all the questions. Each question carries 1 mark) 10x01=10 Marks

S.No. 1	Question	CO	BT Level
a)	The constructed data types are build using ________ data types.	CO4	L1
b)	The output of intermediate code generation phase is a) Source code c) Object code b) Three address code d) Machine code	CO4	L1
c)	Compute cost of the given instruction: MOV R0, M	CO6	L3
d)	Stack allocation strategy makes use of ________ storage area in the memory.	CO6	L1
e)	Give the significance of address descriptor.	CO6	L2
f)	Usage counts are used to allocate registers globally. (True/False)	CO6	L1
g)	What are basic blocks?	CO5	L1
h)	Give example for constant propagation technique.	CO5	L2
i)	Define Reaching Definition of a variable.	CO5	L1
j)	Construct DAG for the following expressions. x = a[i] a[j] = y	CO5	L3



PART-B

(Answer 03 full questions. Each question carries 5 marks) 3x5=15

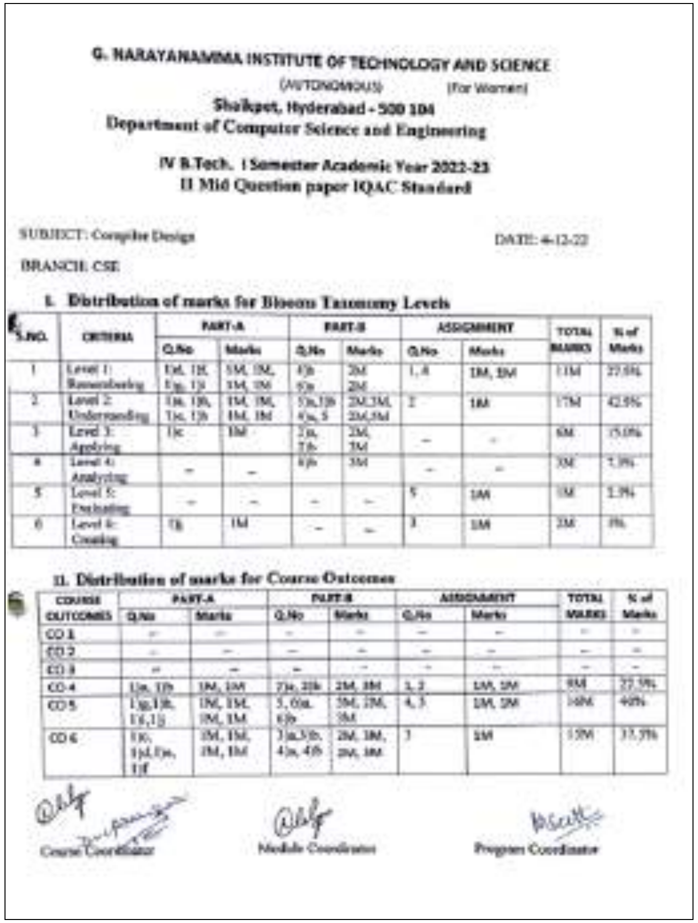
Marks

S.No.	Question	Marks	CO	BT Level
2.a)	Interpret SDD for the flow of control statement S -> While(B) S1	[2M]	CO4	L-3
b)	Represent the following code in Quadruple, Triple and Indirect Triple a := b * -(c-d) + b * -(c-d)	[3M]	CO4	L-3
3.a)	List and explain different attributes that appear in an activation record.	[2M]	CO6	L-2
b)	Write about register allocation and assignment.	[3M]	CO6	L-2
4.a)	Describe static allocation in memory management.	[2M]	CO6	L-2
b)	What are the different descriptors used during code generation? Write algorithm for code generation.	[3M]	CO6	L-3
5.a)	Discuss various techniques in Peephole optimization with example.	[5M]	CO5	L-2
6.a)	Write about code motion and induction variable.	[2M]	CO5	L-3
b)	Explain data flow analysis with suitable example.	[3M]	CO5	L-4

****END****

S.No	Course Outcomes
CO1	Understand the working model of existing compilers.
CO2	Develop tools for different phases of compiler.
CO3	Compare top-down and bottom-up parsers for a given grammar.
CO4	Analyze and apply syntax directed translation schemes in different phases.
CO5	Design techniques to improve the efficiency of a compiler.
CO6	Develop algorithms to generate code for target machine.

Figure 2.2.2.13: Question paper for Mid examination-II R18



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
Department of Computer Science and Engineering

IV B.Tech. I Semester Academic Year 2022-23
II Mid Question paper IQAC Standard

SUBJECT: Compiler Design DATE: 4-12-22

BRANCH: CSE

I. Distribution of marks for Bloom's Taxonomy Levels

S.NO.	CRITERIA	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
		Q.No	Marks	Q.No	Marks	Q.No	Marks		
1	Level 1: Remembering	1d, 1f, 1g, 1i	1M, 1M, 1M, 1M	4b 6a	2M 2M	1, 4	1M, 1M	11M	27.5%
2	Level 2: Understanding	1a, 1b, 1e, 1h	1M, 1M, 1M, 1M	5a,1b 4a, 5	2M,2M, 2M,3M	2	1M	17M	42.5%
3	Level 3: Applying	1c	1M	2a, 7b	2M, 3M	–	–	6M	15.0%
4	Level 4: Analyzing	–	–	6b	3M	–	–	3M	7.5%
5	Level 5: Evaluating	–	–	–	–	5	1M	1M	2.5%
6	Level 6: Creating	1j	1M	–	–	3	1M	2M	5%

II. Distribution of marks for Course Outcomes

COURSE OUTCOMES	PART-A		PART-B		ASSIGNMENT		TOTAL MARKS	% of Marks
	Q.No	Marks	Q.No	Marks	Q.No	Marks		
CO 1	–	–	–	–	–	–	–	–
CO 2	–	–	–	–	–	–	–	–
CO 3	–	–	–	–	–	–	–	–
CO 4	1a, 1b	1M, 1M	7a, 7b	2M, 3M	1, 2	1M, 1M	9M	22.5%
CO 5	1g,1h, 1i,1j	1M, 1M, 1M, 1M	5, 6a, 6b	3M, 2M, 3M	4, 5	1M, 1M	16M	40%
CO 6	1c, 1d,1e, 1f	1M, 1M, 1M, 1M	3a,3b, 4a, 4b	2M, 3M, 2M, 3M	3	1M	15M	37.5%

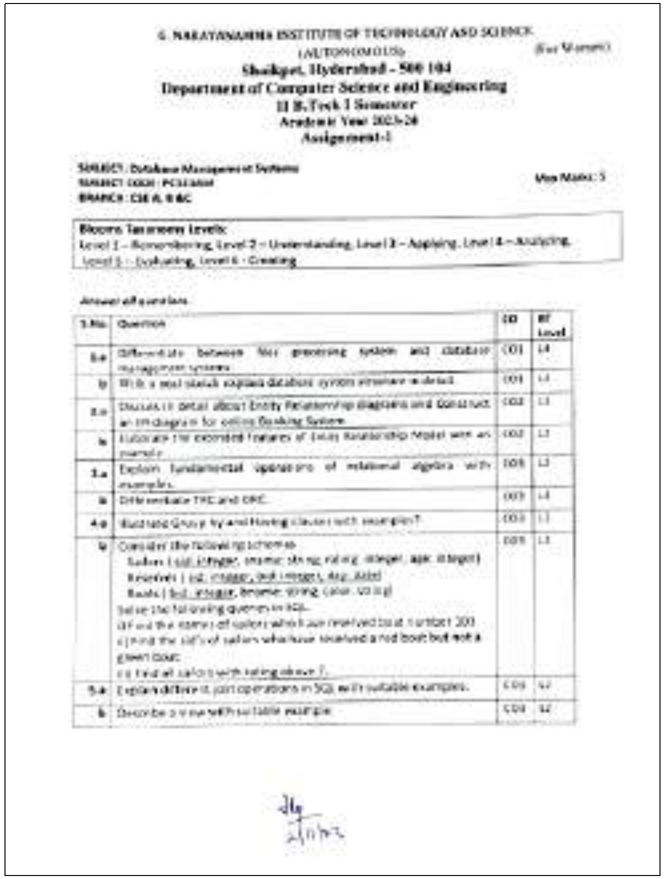
Course Coordinator Module Coordinator Program Coordinator

Figure 2.2.2.14: Mid examination-II Question paper IQAC for R18

D. Quality of Assignment and its relevance to COs (5)

The IQAC format also includes assignment questions mapped to Bloom's Taxonomy Levels and Course Outcomes with respective to every question for analysis. A sample of IQAC standard format is shown in Figure 2.2.2.6.

A Sample copies of R-22 Assignment-I and Assignment-II are shown from Figure 2.2.2.15 to Figure 2.2.2.16, also sample copies of R-18 Assignment-I and Assignment-II are shown from Figure 2.2.2.17 to Figure 2.2.2.18.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104
Department of Computer Science and Engineering
II B.Tech I Semester
Academic Year 2023-24
Assignment-I

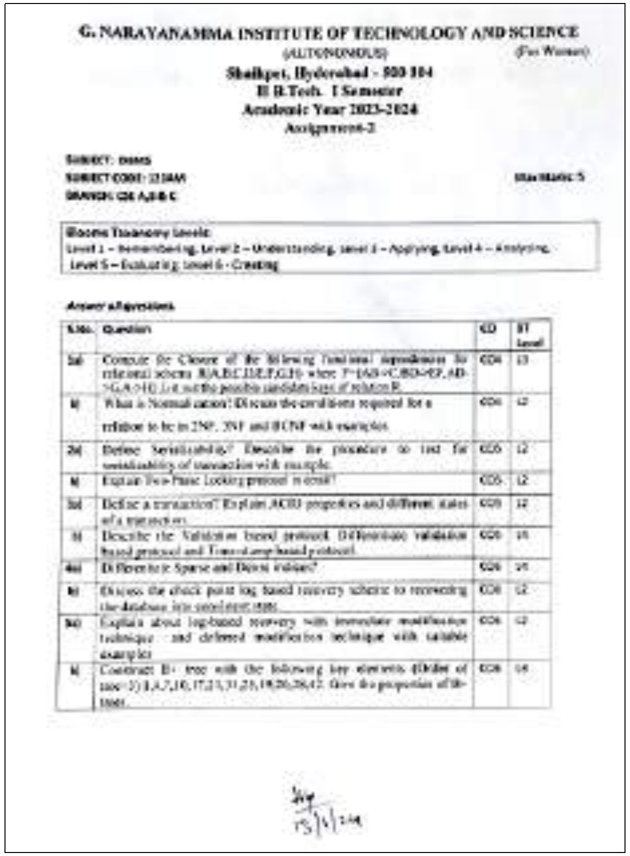
SUBJECT : Database Management Systems
SUBJECT CODE : [illegible]
BRANCH : CSE A, B &C
Max Marks: 5

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing,
Level 5 – Evaluating, Level 6 - Creating

Answer all questions

S.No.	Question	CO	BT Level
1.a	Differentiate between file processing system and database management systems	CO1	L4
b	With a neat sketch explain database system structure in detail.	CO1	L2
2.a	Discuss in detail about Entity Relationship diagrams and Construct an ER diagram for online Banking System.	CO2	L3
b	Elaborate the extended features of Entity Relationship Model with an example.	CO2	L2
3.a	Explain fundamental operations of relational algebra with examples.	CO3	L2
b	Differentiate TRC and DRC.	CO3	L4
4.a	Illustrate Group by and Having clauses with examples?	CO3	L3
b	Consider the following schemas: Sailors (sid: integer, sname: string, rating: integer, age: integer) Reserves (sid: integer, bid: integer, day: date) Boats (bid: integer, bname: string, color: string) Solve the following queries in SQL. i) Find the names of sailors who have reserved boat number [illegible] ii) Find the sid's of sailors who have reserved a red boat but not a green boat. iii) Find all sailors with rating above 7.	CO3	L3
5.a	Explain different join operations in SQL with suitable examples.	CO4	L2
b	Describe a view with suitable example.	CO4	L2

Figure 2.2.2.15: Assignment-II for R22



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) (For Women)
Shaikpet, Hyderabad - 500 104
II B.Tech. I Semester
Academic Year 2023-2024
Assignment-2

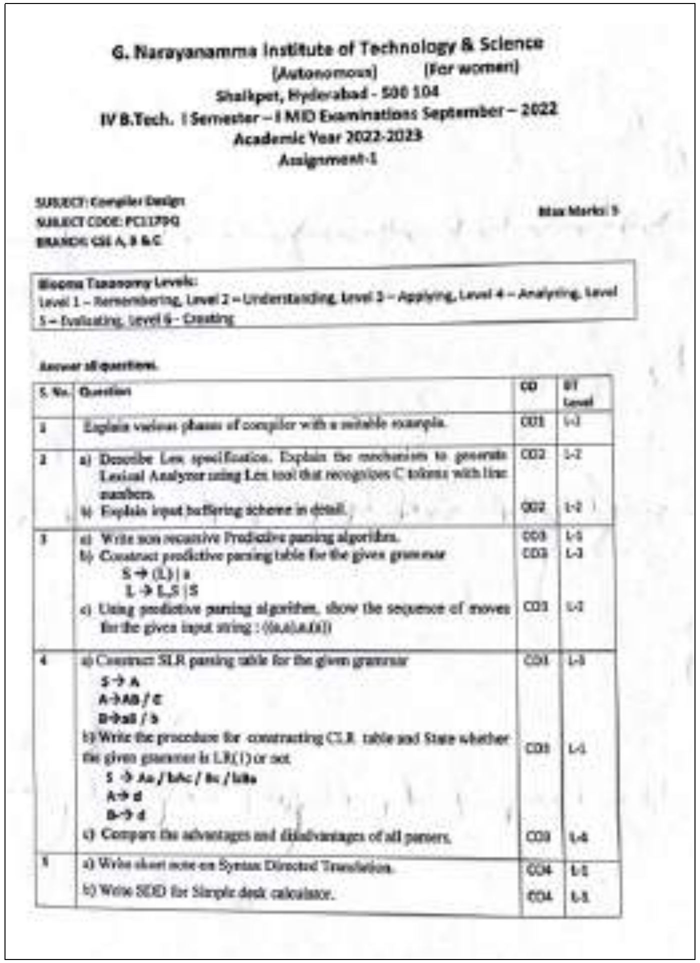
SUBJECT: DBMS
SUBJECT CODE: [illegible] Max Marks: 5
BRANCH: CSE A,B & C

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 - Creating

Answer all questions

S.No.	Question	CO	BT Level
1a)	Compute the Closure of the following functional dependencies for relational schema R(A,B,C,D,E,F,G,H) where F={AB->C,BD->EF,AD->G,A->H}. List out the possible candidate keys of relation R.	CO4	L3
b)	What is Normalization? Discuss the conditions required for a relation to be in 2NF, 3NF and BCNF with examples.	CO4	L2
2a)	Define Serializability? Describe the procedure to test for serializability of transaction with example.	CO5	L2
b)	Explain Two-Phase Locking protocol in detail?	CO5	L2
3a)	Define a transaction? Explain ACID properties and different states of a transaction.	CO5	L2
b)	Describe the Validation based protocol. Differentiate validation based protocol and Timestamp based protocol.	CO5	L5
4a)	Differentiate Sparse and Dense indices?	CO6	L5
b)	Discuss the check point log based recovery scheme to recovering the database into consistent state.	CO6	L2
5a)	Explain about log-based recovery with immediate modification technique and deferred modification technique with suitable examples.	CO6	L2
b)	Construct B+ tree with the following key elements (Order of tree=3) 1,4,7,10,17,21,31,25,19,20,28,42. Give the properties of B+ trees.	CO6	L6

Figure 2.2.2.16: Assignment-II for R22



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(Autonomous) (For women)
Shaikpet, Hyderabad - 500 104
IV B.Tech. I Semester – I MID Examinations September – 2022
Academic Year 2022-2023
Assignment-1

SUBJECT: Compiler Design
SUBJECT CODE: PC1179Q
BRANCH: CSE A, B & C

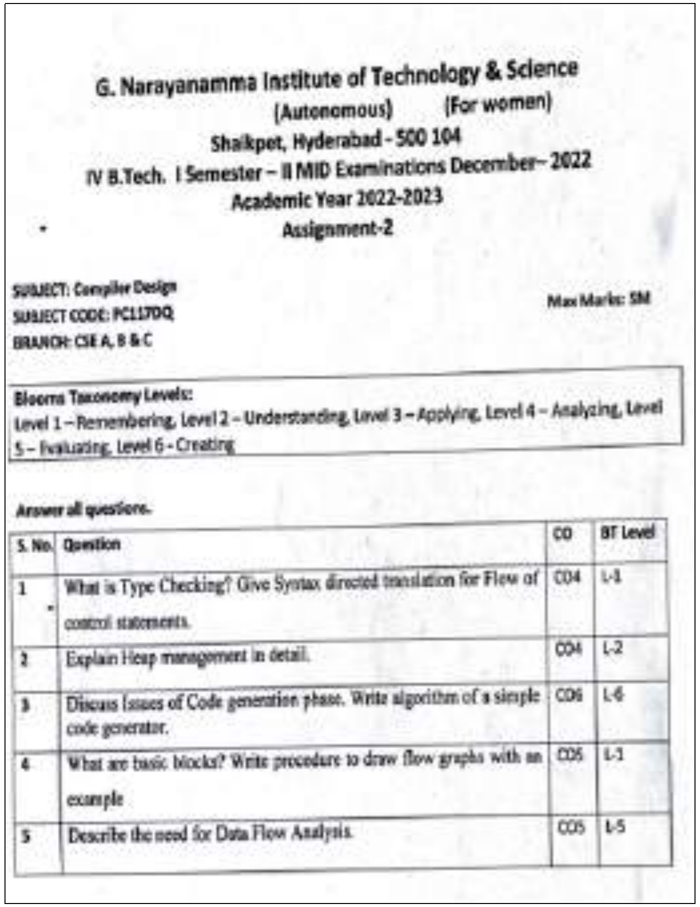
Max Marks: 5

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 – Creating

Answer all questions.

S. No.	Question	CO	BT Level
1	Explain various phases of compiler with a suitable example.	CO1	L-2
2	a) Describe Lex specification. Explain the mechanism to generate Lexical Analyzer using Lex tool that recognizes C tokens with line numbers. b) Explain input buffering scheme in detail.	CO2 CO2	L-2 L-2
3	a) Write non recursive Predictive parsing algorithm. b) Construct predictive parsing table for the given grammar S → (L) | a L → L,S | S c) Using predictive parsing algorithm, show the sequence of moves for the given input string : ((a,a),a,(a))	CO3 CO3 CO3	L-1 L-3 L-3
4	a) Construct SLR parsing table for the given grammar S → A A → AB / ∈ B → aB / b b) Write the procedure for constructing CLR table and State whether the given grammar is LR(1) or not S → Aa / bAc / Bc / bBa A → d B → d c) Compare the advantages and disadvantages of all parsers.	CO3 CO3 CO3	L-3 L-1 L-4
5	a) Write short note on Syntax Directed Translation. b) Write SDD for Simple desk calculator.	CO4 CO4	L-1 L-3

Figure 2.2.2.17: Assignment-I for R18



G. Narayanamma Institute of Technology & Science
(Autonomous) (For women)
Shaikpet, Hyderabad - 500 104
IV B.Tech. I Semester – II MID Examinations December– 2022
Academic Year 2022-2023
Assignment-2

SUBJECT: Compiler Design
SUBJECT CODE: PC1170Q
BRANCH: CSE A, B & C

Max Marks: 5M

Blooms Taxonomy Levels:
Level 1 – Remembering, Level 2 – Understanding, Level 3 – Applying, Level 4 – Analyzing, Level 5 – Evaluating, Level 6 - Creating

Answer all questions.

S. No.	Question	CO	BT Level
1	What is Type Checking? Give Syntax directed translation for Flow of control statements.	CO4	L-1
2	Explain Heap management in detail.	CO4	L-2
3	Discuss Issues of Code generation phase. Write algorithm of a simple code generator.	CO6	L-6
4	What are basic blocks? Write procedure to draw flow graphs with an example	CO5	L-1
5	Describe the need for Data Flow Analysis.	CO5	L-5

Figure 2.2.2.18: Assignment-II for R18

2.2.3 Quality of student projects (20)

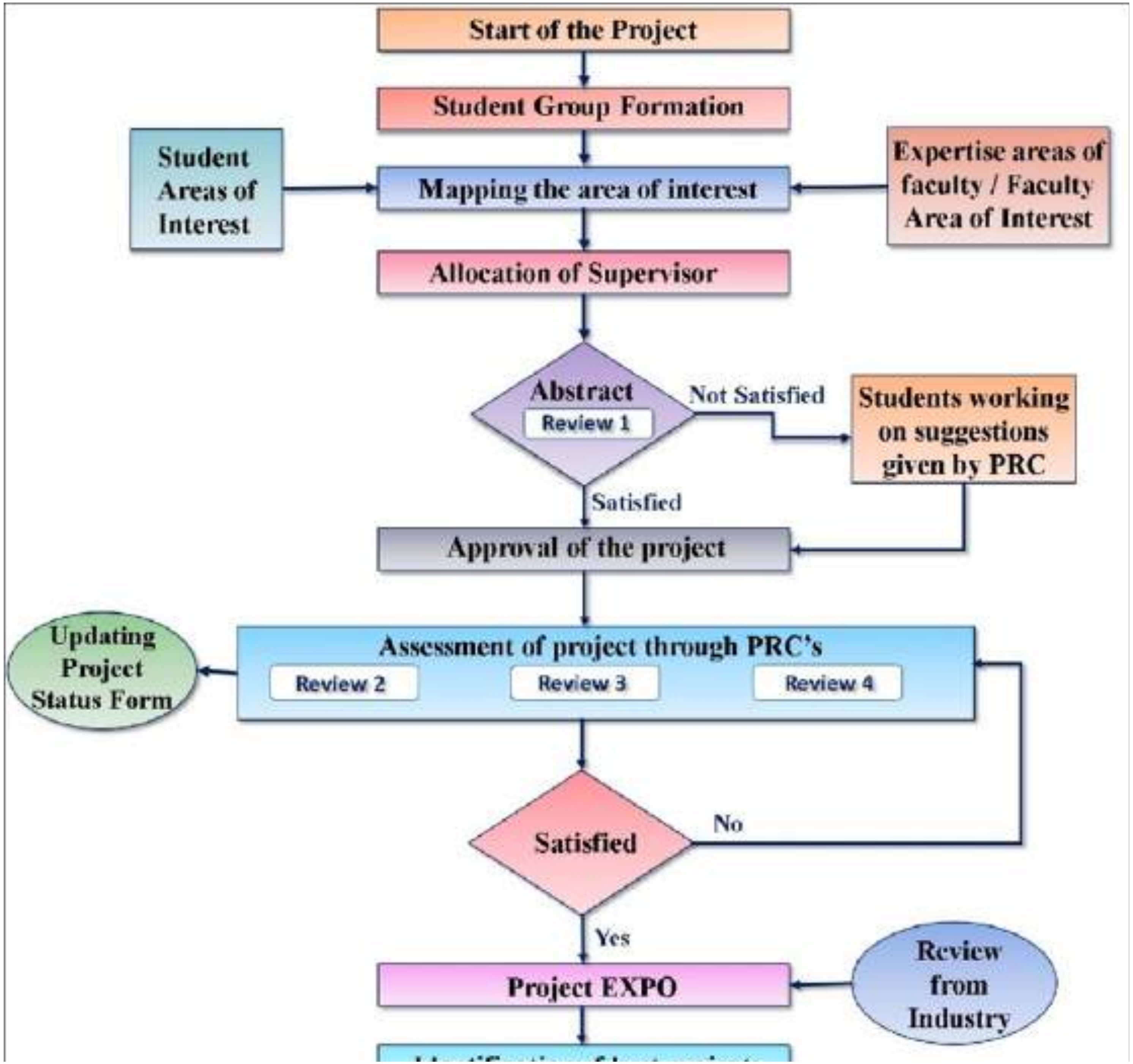
Institute Marks : 20.00

2.2.3. Quality of student projects

A. Identification of projects and allocation methodology to Faculty Members (2)

(Quality of the project is measured in terms of consideration to factors including, but not limited to, environment, safety, ethics, cost, type (application, product, research, review etc.) and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects. Mention Implementation details including details of POs and PSOs addressed through the projects with justification)

- Department has initiated practice for Project Based Learning and Research Based Learning right from Third year to final year students. Final year Projects are broadly classified into 5 areas (Research/Application/Product/Industry/Societal Impact Project).
- Main objective of the Project work is to apply Engineering knowledge to solve real world problems by conducting thorough investigations using modern tools. It also induces ethics in their thought process as a major giveback to society, fostering their communication and letting them thrive with both individual and team work, eventually directing them to a life-long learning.
- The following figure 2.2.3.1depicts the systematic process established and adopted for the Project Identification and Allocation, Review and Evaluation to maintain the quality of the projects.


Start of the Project
Student Group Formation
Student Areas of Interest
Mapping the area of interest
Expertise areas of faculty / Faculty Area of Interest
Allocation of Supervisor
Abstract
Review 1
Not Satisfied
Students working on suggestions given by PRC
Satisfied
Approval of the project
Updating Project Status Form
Assessment of project through PRC's
Review 2
Review 3
Review 4
Satisfied
No
Yes
Project EXPO
Review from Industry

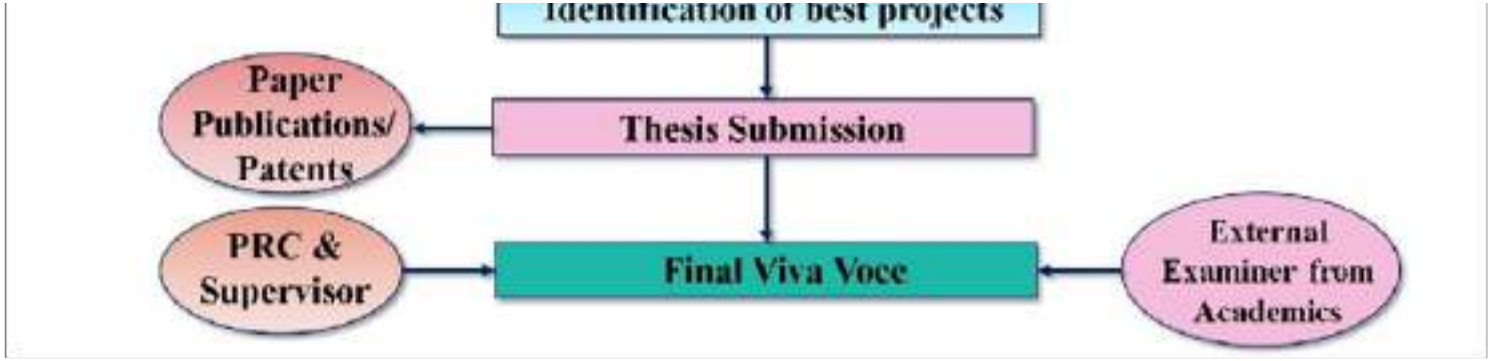
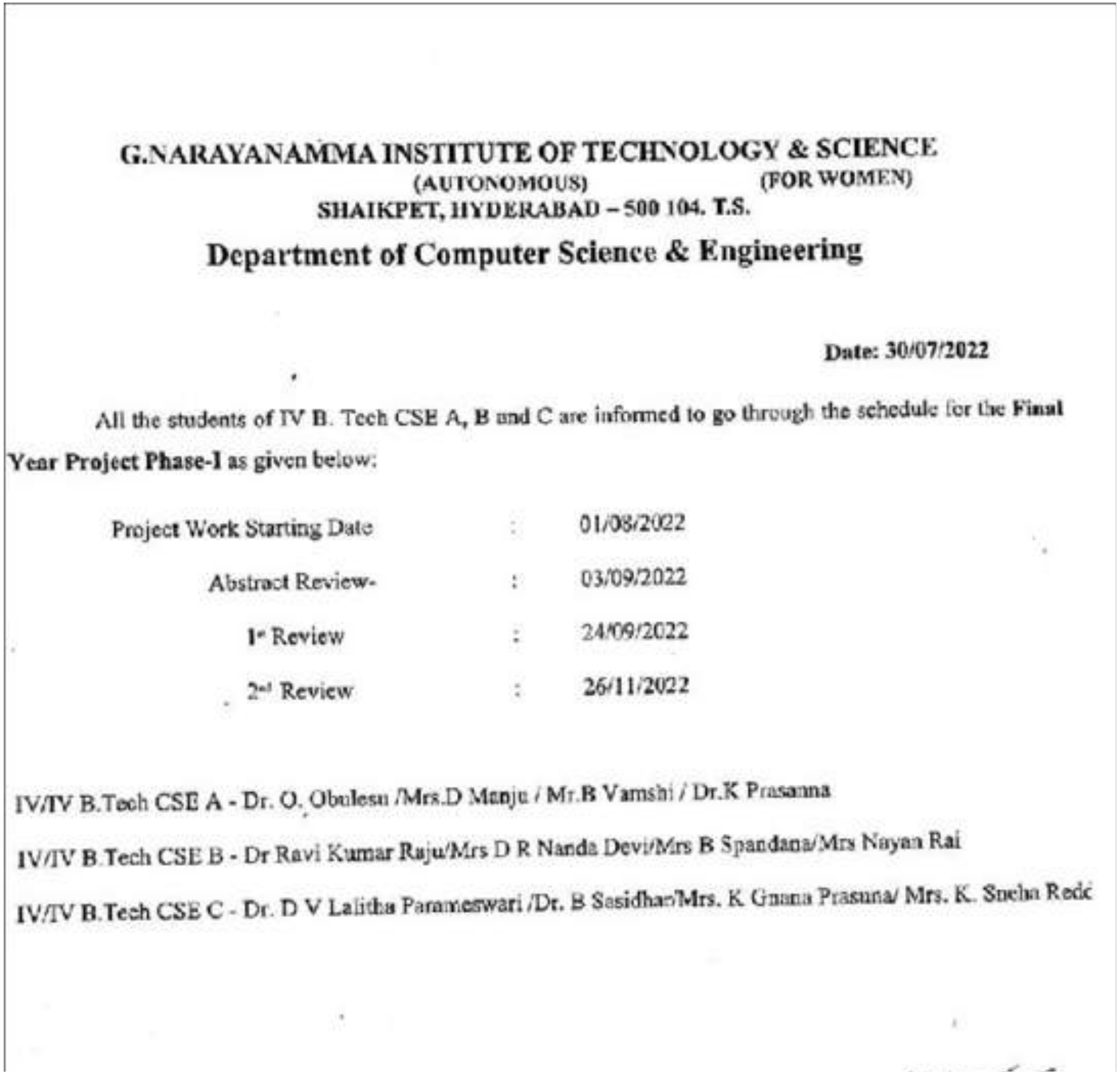

Identification of best projects
Paper Publications/ Patents
Thesis Submission
PRC & Supervisor
Final Viva Voce
External Examiner from Academics

Figure: 2.2.3.1 Process established for Project Identification and Allocation, Review and Evaluation

- Before the commencement of every academic year Project Review Committee (PRC) is formed by the Head of the Department. PRC Composition consists of HOD and Senior faculty members to determine the process of evolution of projects, during which 4 reviews are being conducted whose pivoted points are Abstract Review-finding problem statement, Literature Survey-focusing on the process to finalize the problem statement, Implementation and Results.
- Major project is divided into 2 phases, Phase-I and Phase-II where Phase-I consists of two reviews while Phase-II has remaining two reviews.
- As a next step to proceed, student's group formation is done with size of 4. Amongst them two students will be of <8 CGPA while other two with >8 CGPA.
- As per Figure 2.2.3.1 depiction**,** once groups are formed, students can select their areas of interest and expertise areas of faculty/faculty areas of interests are pooled. With this practice students will be allocated with the proficient supervisor to guide them in the right way. Students meet the concerned faculty who is expert in that area to explore about the possibility to take up the work as a major project work for a period of one year. This project supervisor allotment is purely based on the domain of the project and the expertise of the faculty available in the department.
- After the supervisor allocation, Project Status Forms are issued for students for continuous internal assessment and to establish communication with students in terms of progress of the project along with the suggestions given by the supervisor. This needs to be submitted to PRC members during every review.
- Each project group must give presentation in front of PRC and supervisor. PRC and along with supervisor monitors and evaluates if the work is going in a right direction or not and evaluates each student knowledge level and contribution towards the progress of project work.
- The committee also advises the students regarding the deficiencies or modifications in the project and accordingly the students incorporate the feasible changes in their project work and proceeds further.



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS) (FOR WOMEN)
SHAIKPET, HYDERABAD – 500 104. T.S.

Department of Computer Science & Engineering

Date: 30/07/2022

All the students of IV B. Tech CSE A, B and C are informed to go through the schedule for the **Final Year Project Phase-I** as given below:

Project Work Starting Date : 01/08/2022

Abstract Review- : 03/09/2022

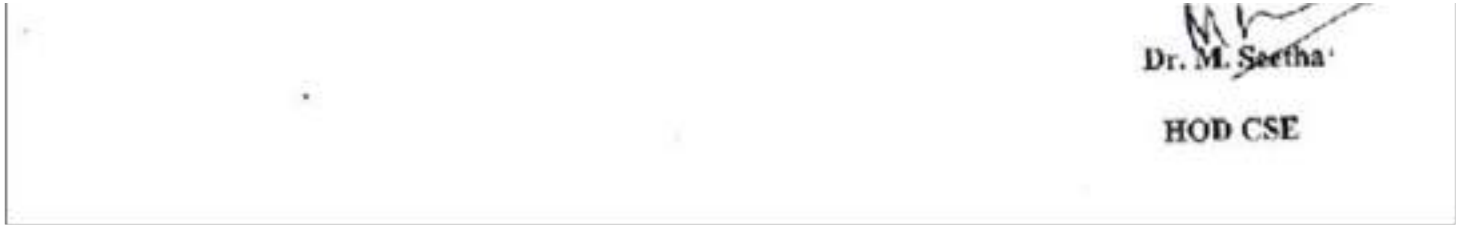
1st Review : 24/09/2022

2nd Review : 26/11/2022

IV/IV B.Tech CSE A - Dr. O. Obulesu /Mrs.D Manju / Mr.B Vamshi / Dr.K Prasanna

IV/IV B.Tech CSE B - Dr Ravi Kumar Raju/Mrs D R Nanda Devi/Mrs B Spandana/Mrs Nayan Rai

IV/IV B.Tech CSE C - Dr. D V Lalitha Parameswari /Dr. B Sasidhar/Mrs. K Gnana Prasuna/ Mrs. K. Sneha Redd



Dr. M. Seetha

HOD CSE

Figure 2.2.3.2 Snapshot of PRC circular

B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs (2)

Projects classification (application, product, research, review etc.) consideration to factors such as environment, safety, ethics, cost, standards and mapping with program outcomes and program specific outcomes. Tables 2.2.3.1 and 2.2.3.2 give the details of broader range of project classification and their respective thrust areas in major projects, while Tables 2.2.3.3 to 2.2.3.5 give the project details of batch 2020-2024;Tables 2.2.3.6 to 2.2.3.8 give major project details of 2019-2023 batch, Tables 2.2.3.9 to 2.2.3.11 represent major project details of 2018-2022 batch and Tables 2.2.3.12 to 2.2.3.14 providemajor project details of 2017-2021 batch.

Table2.2.3.1 : Major Projects carried out under each category

Project classification	Batch: 2020-2024	Batch: 2019-2023	Batch: 2018-2022	Batch: 2017-2021
Research	8	7	7	2
Application	37	37	35	53
Social Impact	4	6	6	4
Product	2	0	2	0
Industry	3	0	5	3
Total Number of Projects	52	41	56	61

Table 2.2.3.2 : Summary of projects carried out as per Thrust / Emerging areas

Thrust area	**Batch: 2020-2024**	**Batch: 2019-2023**	**Batch: 2018-2022**	**Batch: 2017-2021**
Internet of Things	3	1	2	5
Artificial Intelligence	6	0	2	4
Machine Learning	14	17	24	18

Deep Learning	19	12	21	6
Natural Language Processing	2	4	3	2
Image Processing	1	1	1	9
Block Chain Technology/ Cyber Security/ Network Security/Mobile Computing	Block Chain Technology-3 Cyber Security-1	Block Chain Technology-1 Network Security-1 Mobile Computing-1	0	Cyber Security-2 Network Security-1
ARVR/Robotics/ Web Application/ Cloud Computing	ARVR-1 Robotics-1 Web Application-1 Cloud Computing-1	ARVR-1 Web Application-2	Web Application-3	Web Application-14
Total Number of Projects	52	41	56	61

Table 2.2.3.3: IV B.Tech II Semester CSE A Major Project Details for batch 2020-2024

Team No.	Roll Number	Student Name	Internal Guide	Ttile of the Project	Domain	POs & PSOs
A1	20251A0511	M Sindhuja	Dr. A. Sharada	Enhance TV viewing Experience using Speech Recognition	IOT	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0520	S Tejaswini				
	20251A0523	Seri Sruthi				
	20251A0543	Indraganti Adhya				
A2	20251A0534	Balapuram Nithya	Mrs. Ch. Mandakini	Travel Assistance System using ML	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0537	D.Navaneetha				
	20251A0545	K.Pranathi Varma				

	20251A0555	T.Rajeshwari				
A3	20251A0529	Vutukuri Harshini	Mrs. V. Divya Raj	Enhanced Diabetic Retinopathy Detection through GAN and Transfer Learning	AI & ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0531	Addepalli Sai Sriyam				
	20251A0532	Akurathi meghana				
	20251A0557	Thota Sandhya				
A4	20251A0507	Himaja Elluru	Mrs. Jayashree S Patil	Robotic Assistance for Amputees	Robotics	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0521	Saima Muzaffar Hussain				
	20251A0526	Tatipamula Srisatya				
	20251A0547	Nandimalla Mounika				
	20251A0551	S Karunya Ram				
A5	20251A0514	M. Naga Sai Priya	Mrs. P. Sunitha Devi	JustAGenie: Gesture-to-Avatar Expression Analyser	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0530	Y. Venkata Satya Sarika				
	20251A0539	Dabbugunta Veena				
	20251A0546	Kummetha Sreeya				
	20211A05C6	Kavuri Sri Eesha				
A6	20251A0527	Vavilala Rakshitha	Dr. M. Seetha	Detection of Dysgraphia and its Severity Assessment	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0540	Gaddam Prathyusha				

	20251A0541	Gande Charishma		in preadolescents using Machine Learning		
	20251A0542	G. Tharunya Varma				
A7	20251A0515	M. Sahitya Vyshnavi	Dr. G. Malini Devi	From data to delivery: Machine Learning Analysis for Anticipating Cesarean or Normal Births based on Maternal and Fetal Parameters	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0553	Shivani P				
	21255A0502	D. Harshini				
	21255A0505	Kotagiri Vasavi				
A8	20251A0538	D. Sai Sahithi Bala	Mrs.B.Spandana	Enhancing Cybersecurity with Deep Learning-based Malware Detection	DL	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0560	Y.Gnana Priya				
	21255A0501	Kakarla Mounika Chowdary				
	21255A0504	Racherla Harshini				
A9	20251A0505	Hafsa Rahim	Mrs Ch. Swathi	Patients Health Surveillance System	IOT	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0556	T Z Sama Faruqui				
	20251A0558	T Siva Meghana Reddy				
	20251A0559	Vemu Yashaswi				
A10	20251A0513	Mahada Shruti	Mrs. R. Pallavi	Automatic Correlation of	DL	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	20251A0533	Aturi Hari Priya	Reddy	Consecutive Syllabus for Identification of Speech Disluency using Deep Learning Techniques		PO10,PO11,PO12,PSO1,PSO2
	20251A0535	Banoth Divya				
	20251A0536	C.Vamshi Priya				
A11	20251A0501	Ananya Kunduru	Mrs. Ch. Radhika	Enhancing Brain Stroke Diagnosis through Machine Learning Algorithms	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0512	Maddula Bhavani				
	21255A0503	Harika Alle				
	21255A0506	Sadula Soni				
A12	20251A0549	P. Santhi Choudary	Mrs.T.Mallika Devi	Enhancing PCOS Diagnosis with Improved Feature Selection using Extreme Gradient Boosting and CNN	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0550	Puram Pravallika				
	20251A0552	S. Rajeshwari				
	20251A0554	S. Keerthana				
A13	20251A0502	B. Sowmya	Mrs. M. Anusha	Detect DUI: Intelligence In-Car Safety System for Enhanced Driving Experience	AI & ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0503	Burugu Sruthi Srivalli				
	20251A0504	Cherrla Charitha				
	20251A0548	Nenavath Aarthika				
A14	20251A0506	Harshitha Kasu	Mrs. Nanda Devi D.R.	Migraine Detection: Bridging Healthcare and Technology	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0509	Line Meghana				
	20251A0516	N Roshni Reddy				

	20251A0518	P Shreya				
A15	20251A0508	Jangam Swetha	Mrs.Y.Rajya Laxmi	GazePause: Effortless Media Playback	DL	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0510	M Akshitha				
	20251A0522	Sapavath Sindhu				
	20251A0524	Shaik Liyakhath				
A16	20251A0519	Pagidyala Gayathri	Ms. C Bhagyashree	Deep Convolutional MRI Approach for Early Detection of Alzheimers Disease	DL	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0525	Sheri Samiksha Reddy				
	20251A0528	V Harichandana				
A17	20251A0544	K Shivani	Dr.D V Lalitha Parameswari	Blood and Medical Essentials Search Platform and Alert System	ML	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2

Table 2.2.3.4: IV B.Tech II Semester CSE B Major Project Details for batch 2020-2024

Team No.	**Roll Number**	**Student Name**	**Internal Guide**	**Title**	**Project Area**	**Category**	**POs & PSOs**
B1	20251A0564	Dega Sunnihitha	Dr. A. Sharada	Bridge Hands	AR/VR	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0566	Gajula Veera Nandika					
	20251A0593	Boddu Varshini					
	21255A0508	Pochu Sushmitha					
B2	20251A0567	Garlapati Sathwika	Mr. T. Rajesh	Organ Donation and	Block Chain	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,

	20251A0575	Mundla Deepshika		transplatation through Blockchain			PO10,PO11,PO12,PSO1,PSO2
	20251A0585	Surineni Soumitha					
	20251A05A4	Jogannagari Alekhya					
B3	20251A05A5	Kapukar Prasanna Durga	Mrs. Jayashree S Patil	Geo- spatial analysis of landslide using Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05A9	Mahendra Anusha					
	20251A05B2	Padala Akshaya					
	21255A0510	Maidam Poojitha					
B4	20251A0584	Somepally Srikeerthi	Mrs. R. Pallavi Reddy	A Deep Learning Approach for classification of speech disfluency	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05B3	Paluru Venkata Rishitha					
	21255A0509	Billa SnehaLatha					
	21255A0512	Shaik Uzma nazi					
B5	20251A0568	Gone Guna Pragna	Dr. K. Prasanna	Revolutionizing cardiovascular disease detection through Retinal Images and Artifical Intelligence	Artifical Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0572	M. Srilatha					
	20251A0589	Vangaveeti Niharika					
	20251A05B1	Nimma Shrunithvi					
B6	20251A05B4	Ratnalapally Gaddavari Bindu	Dr. Raghavender K.V.	Sleep harmony- Stress Predicator using Machine	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0595	Sowmya					

	20251A05B5	Samala Venkata Sai Shreeya Reddy		Learning			
	20251A05B6	Shaik Naseema Afreen					
B7	20251A0562	Badavath Indirapriyadharshini	Mr. B. Vamshi	Emotion-Cause pair extraction by two step approach	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0580	Rashmika Bhandaru					
	20251A0591	B.Deekshitha					
	20251A05A3	G.Snehitha					
B8	20251A0577	Pallvadi Prranamyaaw	Mrs. Ch. Radhika	Detection of Natural Hazards from Satellite images using Machine Learning	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0581	Rasuri Poojitha					
	20251A0587	Tangeda Archana					
	20251A0599	Ganji Sowmya					
B9	20251A05B8	Teneti Sanjana	Dr. O Obulesu	Sentiment driven drug recomendation system	NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05B9	Veeramallu Rupa sree					
	20251A05C0	Venkata Saahithya D					
	21255A0507	Bakkannagari Srija Reddy					
B10	20251A0563	Bindu Jyothula	Dr. D.V. Lalita Parameswari	Detection of kidney stone location	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0571	M. Chandana Savithri					
	20251A0579	Ramidi Chandana Reddy					
	20251A0583	Poreddy Shreya Reddy					

B11	20251A0590	Vurlugonda Likhithasree	Mrs. Bhageshwari Ratkal	Accident Detection using Deep Learning Techniques in cctv survelliance	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05A1	Guda Akshaya					
	20251A05A8	Madasu Pravallika					
B12	20251A0561	Meghana Ayyala Somayajula	Dr. N. Kalyani	Raaga Dhvani 2.0 -A Deep Learning	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0597	Chetti Vidya					
	20251A05B7	Sai Pallavi Sistla					
B13	20251A0578	Pendli Sowmya	Mrs. R. Mamatha	Enhancing under water Image Quality through Image Processing	Bloock Chain	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0592	B.Suprathika					
	20251A0594	Bollam Abhigna					
	21255A0511	Chereala Nissi					
B14	20251A05A2	Guguloth Indhu	Mrs. Ch. Mandakini	Fraud detection for Insurance claim using Machine Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05A6	Kakarla Devi Likiitha					
	20251A05B0	Matur Varshini					
	20251A0565	Doddi Naveena Kumari	Mrs. D. Naga Swetha	E Ballot using block chain	Bloock Chain	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0570	L. Sravani					
	20251A0573	Marubudi Aishwarya Monica					
	20251A0574	Mendu Sadvika					
B16	20251A0569	Kasireddy Renu	Mr. N.Venkateswarulu	VULNERABILITES DETECTION USING ML AND CYBER SECURITY	Machine Learning And Cyber security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0586	Tallapaneni Kaivalya					
	20251A0598	Eravelly Sanjana					

	20251A05A0	Gorukanti Vishwaja					
B17	20251A0588	V Vennela	Dr. N.Kalyani	Intelligent heealthcare platform with chatbot assistance for seamless medical connectivity	Artifical Intelligence	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A0596	Ch. Hema					
B18	20251A0582	S Maheshwari	Dr. Jayashree S Patil	Campus recuirtment system	Web Application	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2
	20251A05A7	K Bhuvaneshwari					
B19	20251A0576	N Kusma	Dr. M. Seetha	Vedio Sumarization	NLP	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9, PO10,PO11,PO12,PSO1,PSO2

Table 2.2.3.5: IV B.Tech II Semester CSE C Major Project Details for batch 2020-2024

Team No.	**Roll Number**	**Student Name**	**Internal Guide**	**Title of Project**	**Domain**	**Category**	**POs/ PSOs**
C1	20251A05F6	Kapa Bhavana Reddy	Mr. B. Vamshi	Cotton Plant Disease Detection Using Convolutional Neural Network	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G1	Kunduri Vaishnavi Reddy					
	21255A0513	Keerthana					
C2	20251A05C2	Chenreddy Praneetha	Dr. B. Sasidhar	Vehicle counting, speed estimation and Number plate Detection using Computer Vision	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G3	Maddula Supriya Reddy					
	21255A0518	Y.Anusha					

C3	20251A05D3	Lade Srini	Mr. N. Venkateswarulu	Pet Disease Detection using Image Processing and Machine Learning	Image Processing and Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D5	Lode Harini					
	20251A05E2	R.Manisha					
	20251A05F9	Kavya Sree Natti					
C4	20251A05E6	Sindhuja	Mrs. N. Divya	Integrated Cloud Computing Task Scheduling with Multi objective Optimization	Cloud Computing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E7	Vineela					
	20251A05E8	Reva					
	20251A05G6	Abhinaya					
C5	20251A05D9	Nalla Spandana	Dr. G. Malini Devi	Predictive Modeling of Delirium in Hospitalized Adult Patients Using Psychomotor Behaviors(R & D)	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G4	M.Amitha					
	21255A0514	N.Alekhya					
	21255A0515	Merugu Mounya					
C6	20251A05D7	Mishritha Reddy	Mr. Ch. Sudharshan Reddy	Automated Rain Shield for Crop Care using IoT	Internet of Things	Application	IPO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G9	Nelli Sathvika					
	20251A05H7	Vanapalli Vaishnavi					
	20251A05H8	Varshini Vatnala					
C7	20251A05C4	G. Sahasra	Dr. N. Kalyani	Multiclass Glaucoma Screening With Merged Datasets using Deep Convolution	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C9	K. Sathwika					
	20251A05D1	K. Arthi					

	20251A05D4	L. Sharvani		Neural Network Techniques			
C8	20251A05C7	G.Maneesha	Dr. Raghavender K.V.	Epileptic seizure diagnosis using Machine learning	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C8	I.Vaishnavi					
	20251A05D8	N. Tejaswini					
	20251A05F5	Jupaka sharanya					
C9	20251A05E1	Vasantha	Dr. D.V. Lalitha Parameswari	Automated Diabetic Retinopathy Detection through Retinal Vessel Segmentation using R2U-NET(R & D)	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E3	Hima Varsha Salana					
	20251A05G2	PadamaSri					
	20251A05H2	Sudeshna Pasula					
C10	20251A05E5	Sankepalli Swathi	Dr. K. Prasanna	Breast Cancer Detection From Histopathological Images Using Deep Learning	Deep Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F7	Kanagala Poojitha					
	20251A05H4	Sravya Petluri					
	20251A05H9	Vedantam Manju					
C11	20251A05C5	Gopishetty Bhanu Sri	Mrs. D. Anusha	Underwater image enhancement using Deep Convolutional Neural Network	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D0	Karri Keerthi Sri					
	20251A05F0	Vaishnavi Vangaveti					
	20251A05H0	Nikitha					
C12	20251A05F1	A.Chandana	Mrs. T.Divya Kumari	Lung Cancer Detection on	Deep Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	20251A05F3	Badduru Sandhya		histopathological images using VGG 19			PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F4	Jidugu Bhargavi					
	21255A0516	Boya Satwika					
C13	20251A05C1	Bathini Nivrithi	Mr G. Nagababu	Deep learning-based multi-crop disease detection and pesticide recommendation app	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C3	Dachireddy Shreshta					
	20251A05G8	Mummaneni Eesha					
	21255A0517	Patlavath Nikitha					
C14	20251A05D2	Yakshitha	Dr. O Obulesu	To detect Copy Move forgery using Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E4	Sanjana Vuyyuru					
	20251A05E9	Meenakshi					
	20251A05H5	Pujala Vaishnavi					
C15	20251A05C6	Guguloth Someshwari	Mrs.Gnana Prasuna	Lip Reading to Text using AI	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D6	Malaprolu Harika					
	20251A05H1	Pappula Beulah					
	20251A05H3	Pendyala Sai Harshitha Reddy					
C16	20251A05F8	Karella Harshini	Mrs. K. Sreeveda	Genetic prognosis: Harnessing DNA for disease	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G7	M.V.Rakshitha					

	20251A05J0	Velicharla Chandana		prediction			
	30251A05G0	Kudurupaka Vaishnavi					
C17	20251A05E0	Soumya Oruganti	Dr. N. Kalyani	Elevating MLOps: Effortlessly Deploy, Monitor, and Engineer Models	Machine Learning Operations	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F2	Akshara Puligilla					
	20251A05G5	Mallapragada Suma					
	20251A05H6	Lahri Yadav					
C18	20251A05E5	Sankepalli Swathi	Dr.A.Sharada	Platform with Chatbot for Legal Advice and Taxation and connect to Lawyers / CA	Web Development	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E9	Meenakshi					

Table 2.2.3.6: IV B.Tech II Semester CSE A Major Project Details for batch 2019-2023

Batch No	Roll No	Name of the Student	Internal Guide	Project Title	Domain	Category	POs & PSOs
A1	19251A0505	Arugunta Sravani	Dr. M Seetha	An Effective Machine Learning approach to detect Cyberbullying in tweets	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0512	C.V. Naga Saisriya					
	19251A0546	Padala Kavya					
	19251A0555	Sowmya Sree Anupati					
A2	19251A0501	A. Sai Sravya	Mrs. Jayashree S Patil	Water Quality Monitoring using Image Processing and Neural Networks	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0538	M. Akhila					
	19251A0551	Pavani Basa					
	19D21A05B3	Banvitha Yadam					
A3	19251A0509	Begari Shailaja	Dr. N. Kalyani	SMARTFitOn by using Machine Learning and Deep Learning Techniques	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0519	Daripalli Aparna					
	19251A0526	Gayatri Shastri					
	20251A0506	Taluka Tejaswini					
A4	19251A0530	K.Divya	Mr.T.Rajesh	Malware Detection and Prediction	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0552	Shaista Firdouse					

	19251A0553	Sharia Areeb		System Using Advanced Machine Learning Algorithms			
	19251A0557	Thakur Navya					
A5	19251A0504	A.Shivani Reddy	Dr. O. Obulesu	Train Delay Prediction Using Deep Learning Techniques	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0517	D.Ashritha Reddy					
	19251A0520	Dondeti Pavani					
	19251A0554	Shreya Reddy S					
A6	19251A0514	Chepuri Sai Tejaswini	Mrs. P. Sunitha Devi	Language Interpretation Using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0515	Chiluveru Minati					
	19251A0539	Cheruvu Manusree					
	19251A0541	Modem Keerthana					
A7	19251A0503	Akiti Likhitha	Mrs. Nanda Devi D R	Question Paper Generator System Using Natural Language Processing	NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0511	Bitla Sharon					
	19251A0529	Janagam Sindhu					
	19251A0533	Kothakapu Arpitha					
A8	19251A0506	B.Madhuri	Dr.S. Ravi Kumar	Melanoma Cancer	Deep Learni	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	19251A0534	Kuragayala Shravani	Raju	Detection Using Deep Learning Methods	ng		PO10,PO11,PO12,PSO1,PSO2
	20255A0504	Ommi Anisha					
	19251A0573	K.Anvitha					
A9	19251A0524	G Varshini	Mrs.R.Pallavi Reddy	Dataset Generation for Classification of Stuttering in Children	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0510	B. Tharuni Reddy					
	19251A0516	Ch. Monica Chowdhary					
	19251A0527	Gundala Tripthi					
A10	19251A0522	G Jayanthi	Mr. Anil Tellur	Evaluation of Deep Learning models for Fake News Detection	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0523	G Meghana					
	19251A0525	G Sushma					
	19251A0536	M Sharanya					
A11	19251A0502	D. Akhila	Mrs. T. Swapna	Diabetic Retinopathy Classification Using Deep Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0548	P. Srinidhi					
	19251A0547	P. Srija					
	20255A0501	T. Shivani					
A12	19251A0507	B. Nayanika Reddy	Dr.K.Prasanna	Comparision of Various Deep Learning Models for	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0518	D.Himaja					

	20255A0503	Barenkala Laxmi Prasanna		Plant Disease Detection and Organic Solutions			
	19251A0513	Chaganti Sathvika					
A13	19251A0508	Vijaya lakshmi	Dr. D. V. Lalitha parameswari	DR detection through Segementation and Feature Extractiong using CNN	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0531	Vineela Kethe					
	19251A0532	Vaishnavi Kora					
	19251A0543	Mysolla Gayathri					
A14	20255A0502	Sattu Ashwini	Mrs. D.Manju	Comparitive Analysis of Object Detection using MobileNet and YOLO V4 Models	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20255A0505	Bommena Shravani					
	19251A0558	Umme Aaiman					
	19251A0560	Wajiha Kulsum					
A15	19251A0535	M.Bhavani	Mr. G. Narendrababu Reddy	Generative Data Augmentation and ARMD classification	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19151A0544	N.Sree bhavani					
	19251A0545	P.Chandana reddy					
	19251A0559	V.Abhignya Reddy					
A16	19251A0521	D.Sri vennela	Dr. Sasidhar. B	Diagonosis of Brain Tumors as Benign or Malignant using Image Processing	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0528	J.Amulya					
	19251A0537	M.Nandini					

	19251A0542	M.Jyothika		and Deep Learning Techniques			
A17	19251A0550	P Bindhu Madhavi	Dr.K.Prasanna	Intelligent Deep Learning based Pothole Detection and Alerting System	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0556	S Rishika Reddy					
	19251A0549	P Pavani Swetha					
	19251A0540	M Geetha					

Table 2.2.3.7: IV B.Tech II Semester CSE B Major Project Details for batch 2019-2023

Team No.	Roll Number	Student Name	Internal Guide	Title of the Project	Domain	Category	POs & PSOs
B1	19251A0561	A.RamyaSpoorti	Mrs. Y. Sravani Devi	Improved Optic Cup and Disc segmentation in Glaucomatic images	Deep learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0564	A.Sonalika					
	19251A0567	A.Ayesha					
	19251A0584	Naziya					
B2	19251A0562	A.Hanshika	Dr. O. Obulesu	"People Counting And Tracking System In Real-Time Using Deep Learning Techniques	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0563	A.Lahari					
	19251A05A8	Ashwini					
	19251A05A6	Arunodaya					

B3	19251A0565	Arpita Bejugam	Mrs. Bhageshwari Ratkal	Class Room attendance System Using Face recognition	Deep learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0572	Hasitha					
	19251A0590	K Sai Sreelekha					
	19251A0595	M.Srihitha					
B4	19251A0566	A.Sravanthi	Dr. A. Sharada	Multimodal based Alert Generation System for Stress Detection	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0599	M.Sathwika					
	19251A05A5	Sankeerthana					
	19251A0592	K. Spandana					
B5	19251A0568	B.Manasa	Dr. D. V. Lalitha Parameswari	Prediction of cardio vascular Disease Using Deep Learning Techniques	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0582	G.Kalathmika					
	19251A0594	L.Likhitha					
	19251A05B6	T.Harshitha					
B6	19251A0569	Bhavana Reddy.K	Mrs.Ch.Radhika	Multiscale object Detection from Remote sensing images Using Deep Learning	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0570	B.Siri Priya					
	19251A0578	Nikhila D					
	20255A0511	Shivani					

B7	19251A0571	Dhanya Bodapati	Mrs. Jayashree S Patil	Deep Learning paradigm for time series cryptocurrency prediction	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0580	Vandana E					
	19251A0597	Lahari M					
	19251A05A3	Navya P					
B8	19251A0574	D.Samaikya	Dr. G. Malini Devi	Enhancement of low resoulution images using ANN	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0579	Dosapati Divya					
	19251A0585	J.Mounika					
	19251A0573	Ch.Sruthi					
B9	19251A0575	Srujana D	Mrs. Ch. Mandakini	Detection of developmental coordination disorder throuh hand writing analysis	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0577	Dheexitha					
	19251A05B7	T.Sreehitha					
	20255A0512	Pravalika D					
B10	19251A0576	D.Pravalika	Dr. M. Seetha	Binary classification of fundus images obtained with the G-eye smart phone retinal imaging system	Deep learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0581	E.Deepika					
	19251A0587	J Sanjana priya					
	19251A0588	J Rachana					
B11	19251A05B1	S.Keerthana Pravallika	Mrs. M. Lalitha	Spoofed Caller ID Detection	Network Security	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05B5	S.Divya					

B12	19251A0583	G.Sivani	Mrs. D. Naga Swetha	Semantic and syntactic errors detection using NLP	NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A0593	K.Lumbini					
	19251A05B9	V.Sathvika					
	19251A05C0	V.Shravani					
B13	19251A0591	Chetna Reddy	Mrs. K. Sneha Reddy	Diet Recommendation system based on vitamin intake	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05A7	Preethika					
	20255A0510	Nuzhath					
B14	19251A05B2	Satwika Lankireddy	Mrs .D.R Nanda Devi	Detection of Dysarthria from speech	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	20255A0508	G.Poojitha					
	20255A0509	Kiranmayee					
	19D21A0502	Adithi					
B15	19251A0598	M.Ashritha	Dr. Raghavender K.V	Decentralized smart contract Certificate System using Ethereum Blockchain technology	Block Chain Technology	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05B0	S.Alankruthi					
	19251A05B8	T.Preethi					
	20255A0507	Akhila					
B16	19251A05A0	Charitha Nagapuri	Mrs. R.Pallavi Reddy	Stuttering Detection and Severity Prediction Using Deep Learning Techniques	Deep learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05A4	P.Sujana sri					
	19251A05A9	Radhika Gandla					

	19251A05B4	S.Lavanya					
B17	19251A0596	M.Shreya	Mrs. V. Divya Raj	Prediction of BMI from facial image using Deep Learning	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05A1	N.Yamini Swamy					
	19251A05A2	N.Sanjana					
	19251A05B3	Shereen Sultana					

Table 2.2.3.8: IV B.Tech II Semester CSE-C Major Project Details for batch 2019-2023

Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Area/ Domain.	Category	POs & PSOs
C1	19252A05C3	A.Monika	Mrs. R. Mamatha	we-saw-stress analyzer in women	Machine Learning, NLP	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05F1	K.Meghana					
	19251A05F3	Shirley Angelina					
	19251A05H9	Kushi Reddy					
C2	19251A05D9	Damarla Venkata Sai Chandana	Dr. A. Sharada	Inclusiveness of hearing-impaired children in schools using Avatar	AR/VR	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05C6	Bogi Shreya					
	19251A05F0	Kamisetti Swarna Savitri					
	19251A05G9	Rathlavath Raja Rajeswari					
C3	19251A05C8	Bandari Akshitha	Mrs. J. Padmavathi	Diagnosis of fetal brain	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	19251A05 C9	Bandi Sruthi		abnormalities using Deep learning			PO10,PO11,PO12,PSO1,PSO2
	19251A05 G6	Potu Bhargavi					
	19251A05 G8	Ramavath Navya					
C4	19251A05 C4	Athkuri Sahithi	Dr Ravi Kumar Raju	A novel paradigm to estimate social indicators	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05 C5	B. Abhinaya					
	19251A05 C7	B. Neha Reddy					
	20255A05 14	Chitla Sanjana Raj					
C5	19251A05 D1	Bashetty Shreya	Dr. N. Kalyani	Retina Capturing using portable device and classification of images for prevalence of eye disease	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05 G2	Mudavath Saroja					
	19251A05 G5	Pallerla Sai Priya					
	19251A05 J0	Yada Vaishnavi					
C6	19251A05 D5	Challa Sri Nikitha	Mr. B. Vamshi	Detection of Distracted Driver Using Convolutional Neural Network	Deep Learning	Application	PO1, PO2, PO3, PO4,PO5,PO6, PO9, PO10, PO11,PO12. PSO1, PSO2
	19251A05 E1	Gangula Sreya					
	19251A05 E4	G Sai Sindhuja					
	19251A05 E7	Hasan Nazneen					

C7	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Stock trend prediction using heterogeneous data	Deep Learning, NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05D4	Challa Sai Charitha					
	19251A05F2	K. Pujitha					
	19251A05G7	Rajoli Lakshmi Krithika					
C8	19251A05D3	C. Rishitha	Dr. G. Malini Devi	The Interview master.	Mobile Computing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05D8	D. Harshitha					
	19251A05E8	J. Meghana					
	19251A05G4	P. Alekhya					
C9	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility analysis using IoT	IOT and ML	Product	PO1, PO2, PO3, PO4,PO5,PO6, PO7,PO8, PO9, PO10, PO11,PO12. PSO1, PSO2
	19251A05E0	Grace Didla					
	19251A05H1	S. Lekhana					
	19251A05H3	Shriya Sripada					
C10	19251A05E9	Harshitha Kalidindi	Mrs. Ch. Mandakini	Screening of Dysgraphia among children using machine learning	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05F5	Varshini Manchikatla					
	19251A05F6	Soujanya Madavedi					
	19251A05F7	Bhavana Mala					
C11	19251A05E2	G. Sathwika	Dr. Raghavend	Early stage detection of	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	19251A05 E5	G. Dharani	er K.V	PCOS using machine learning			PO10,PO11,PO12,PSO1,PSO2
	19251A05 H2	S. Tejaswi					
	19251A05 H5	T. Pranavi					
C12	19251AO5 G1	Mohini Awadiya	Mrs. S. Sandhya	Pixel level semantic segmentation for drivable road detection	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05 G3	N.Bhavani					
	19251A05 H0	S.Pranathi					
	19251A05 12	K.Soumya					
C13	19251A05 H6	Valgot Sherya	Mrs. N. Divya	Multi Classification deep learning model for diagnosing COVID-19 and Pneumonia from CT Scan.	web development	Application	PO1, PO2, PO3, PO4,PO5,PO6,PO8, PO9, PO10, PO11,PO12. PSO1, PSO2
	19251A05 H7	Vundavelly Gayathri					
	19251A05 H8	Vulpala Akshara					
	18251A05 70	Nirupama varma					
C14	19251A05 C2	Afshan khan	Mrs. Ch. Swathi	Glucose Monitoring using Deep Learning techniques.	Machine Learning	Application	PO1, PO2, PO3, PO4,PO5,PO6, PO8, PO9, PO10, PO11,PO12. PSO1, PSO2
	19251A05 D0	B. Vidya Sree					
	19251A05 D6	Ch. Pratyusha					
	19251A05 F8	Manaal Ghouse					
C15	19251A05 F9	M.shivani	Dr B Sasidhar	Automated Detection of Juxta-Pleural Nodules in Computed Tomography(CT) Scan	Image Processing	Application	PO1, PO2, PO3, PO4,PO5,PO6, PO8, PO9, PO10, PO11,PO12. PSO1, PSO2
	20255A05 13	T.sahithi					

	20255A0516	K.Jyothika		Images using Image Processing and Deep Learning Techniques.			
C16	19251A05E3	G.Chaitanya Deepti	Mrs. K. Gnana Prasuna	Implementation of virtual mouse for pupil detection.	Human Computer Interaction	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05G0	M. Harshitha					
	20255A0515	K. Shalini					
	20255A0518	Baby					
C17	19251A05C1	A. Yagna Gayathri	Mr. N. Venkateswarulu	VIT-A-WIN	web development	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05H4	Suraka Maha Lakshmi Reddy					
	20251A0517	U. Devi					
C18	19251A0589	Rithika	P. Sunitha Devi	Detection of Stuttering behaviour using ML Algorithms	ML	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	19251A05E6	G.sarvagna					
	19251A05F4	L.Ramyasri					

Table 2.2.3.9: IV B.Tech II Semester CSE A Major Project Details for batch 2018-2022

Batch No.	Roll No	Student Name	Internal Guide	Title of the project	Domain	Category	POs & PSOs
A1	18251A0501	A SAI SREEJA	Mrs. T Swapna	Stress Detection based on multi	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	18251A0506	G SAI JANVITHA REDDY		modal data for a classroom environment using deep learning and depth-sense camera			PO10,PO11,PO12,PSO1,PSO2
	18251A0538	MUPPA MADHURI					
	18251A0560	Y PRIYA AMRUTHA					
A2	18251A0502	A PRAVANYA	Mrs. V. Divya Raj	Deep Learning Model to diagnose diabetes using retinal images	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0518	MUTHIGARI SATHWIKA					
	18251A0546	MEDA MEGHANA					
	18VE1A05C8	CHALLA PREETHI					
A3	18251A0511	KALYANI BHARGAVI	Dr. M. Seetha	Happiness Index and Intellectual well-being of students using Sentiment Analysis.	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0522	HARSHITHA BODDU					
	18251A0524	RAKSHA NARAVI PAI					
A4	18251A0507	G SUSHMITHA	Mrs. R Pallavi Reddy	Smart Assistance for Specially Abled	Deep Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0512	KEERTHANA ADAVELLI					
	18251A0527	TEJASRI PALLATI					
	18251A0544	L HIMAADITI					
A5	18251A0519	N PRASANNA LAKSHMI	Dr O Obulesu	Brain Tumor Detection Using Machine Learning Techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0545	M RISHIKA REDDY					
	18251A0553	RAJARAPU CHRISTINA					

	19255A0503	RAPAKA SUMA					
A6	18251A0514	L Sai Shivani	Dr. N. Kalyani	Binary Classification of Retinal Image captured through portable device	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0523	P Ramya Sree Sai					
	18251A0547	MVSL Sasirekha					
A7	18251A0503	CH POOJITHA REDDY	Dr.B.Sashidhar	Auotmated detection of breast cancer from Mammogram images using Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0526	SWETHA PATHEPURAM					
	18251A0551	PABBA VYSHNAVI					
	19255A0504	B V VIJAYA LAKSHMI					
A8	18251A0520	Nenavath Sowmya	Dr. A. Sharada	Interview supporting system using facial features	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0540	K Datha Vaishnavi					
	19255A0505	K Ranee Prathyusha					
A9	18251A0517	M RAMYA SAI THANMAI	Mrs.R.Mamatha	Air and Sound Pollution tracking system	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0542	KONDAVEETI CHANDANA					
	18251A0550	P SREE SINDHUJA					
A10	18251A0531	ALUGOTTU PRANEETHA	Mr T. Anil	Recognition of Daily Sounds through Smart Bulb to Support Elderly	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0552	PENDYALA RISHITHA					

	18251A0557	UNDRU SHARMILA					
	19255A0502	CHEPURI AKHILA					
A11	18251A0508	JAKKULA SATVIKA	D. Naga Swetha	Detection of Genetic Retinal Diseases in Pediatric Age	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0510	K SANJANA					
	18251A0534	CHIRUMALA NIKHITHA					
	18251A0558	VALLOJU VASANTHA					
A12	18251A0536	GAJULA CHARITHA	Mrs.R.Pallavi Reddy	Rice Leaf DiseasesDetection using Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0541	KASIM SAHITHI					
	18251A0559	VARTHYA SHRAVANI					
	19255A0501	SRUTHI GOPI					
A13	18251A0509	K MANASA	Mrs.M.Anusha	Motion pattern classification on online/active data	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0548	N GODHA					
	18251A0554	R MOUNIKA					
	19255A0506	DURGAM RAJAHAMSA					
A14	18251A0529	V SAI MANISHA	Mrs.T.Divya Kumari	A Tool for Improving Question Titles from Mined Code Snippets in Stack Overflow	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0530	V MADHURI					
	18251A0532	ASRITHA REDDY A					

	18251A0533	CHANPREET KAUR CHAWLA					
A15	18251A0535	ENUGURTHI SRIVIDYA	Mrs. Ch. Mandakini	Liveliness & Emotion Analyzer during COVID (LEAD)	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0537	IRUKULLA SHIVANI					
	18251A0539	K RUCHITHA REDDY					
A16	18251A0516	MANASWINI M	Mrs S.Sandhya	Image Captioning based for assisting the Visually Impaired	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0521	P VYOMA HARSHITHA					
	18251A0549	NELAPUDI SIRISHA					
	18251A0556	T AARTHIKA					

Table 2.2.3.10: IV B.Tech II Semester CSE B Major Project Details for batch 2018-2022

Batch Number	Roll Number	Student Name	Internal Guide	Title of Project	Domain	Category	POs & PSOs
B1	18251A0598	Shubhankari Thakral	Mrs.Y.Sravani Devi	Retinal Image Synthesis for Glaucoma Assessment using GANs and Traditional Augmentation Methods	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05A7	Mansi A G					
	18251A05B0	P.Saisree					
	18251A05B1	Pranjali Bhatt					
B2	18251A0566	G.Asmitha	Mrs.Jayashree S.Patil	Outfit Reccomendation using Virtual Measurements	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0593	A.Srujana					

	18251A05B5	S.Chelsy					
	18D21A0516	G.Akhila					
B3	18251A0582	Reddy Sai Prasanna Laxmi	Mrs.M.Lalitha	Automatic Multiple Reminders Generation System using Natural Language Processing	NLP, Conversational AI	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05A3	K.Dharmika					
	18251A05A4	K. Rajyalakshmi					
	18251A05A5	E.Vennela					
B4	18251A05A6	Ashna Reddy	Dr. D.V.Lalitha Parameswari	Detecting vehicles and it’s speed limit using CCTV.	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05B3	Ruqayyah Sara					
	18251A0564	B. Swetha					
	18251A0569	G.Anoohya					
B5	18251A0587	Syeda Tahmeena Kousar	Mrs. Bhageshwari Ratkal	Contactless Respiratory Monitoring using Depth Sensing Cameras	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05A9	Asma Khan					
	18251A05C0	Sai Santhoshi					
	19255A0507	D.Vaishnavi					

B6	18251A0562	A.Sri Harshitha	Mr.N.Venkateswarulu	Monitoring of Project Status through Visualization Techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0567	Pooja Sena					
	18251A0579	N.Anjali					
	19255A0511	Shaik Naseena					
B7	18251A05A8	N.Manaswini	Dr. M.Seetha	Assistive Device for Elderly and Differently Abled People	IoT, Image Processing	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05B8	P.Thanusha					
	18251A0584	S. Teja Reddy					
	18251A05B9	V.Jahnavi					
B8	18251A0578	Mrunalini Reddy	Mr.G.Nagababu	Nutritional Food Recommendation System	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05A1	G. Anusha					
	18251A0580	P.Sri Varshika					
	18251A05A2	J.Ushasini					
B9	18251A0565	C.Avyakta	Dr. N.Kalyani	InterviewPrepApp: Your Companion for Interviews	Machine Learning,NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0576	M.Simritha					
	18251A0594	B.Nainisha					
B10	18251A0586	S.Niharika	Mrs.J.Padmavathi	Perinatal Mental Healthcare System using Machine Learning techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0599	G. Chaitanya					
	19255A0510	K. Aparna					

	18251A0592	A.Navya Sai					
B11	18251A0571	G.Jayasree	Mrs. Nanada Devi D.R	Automated Interview Assessment System	Machine Learning, NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0581	P.Sai Priya					
	18251A0583	A.Nikitha					
B12	18251A0573	K.Pranavi	Dr.O. Obulesu	Early Prediction of Healthcare Diseases using Machine Learning Techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0577	M Sri Vidya					
	18251A0595	C. Brahmani					
	18251A05B6	S.Manasa					
B13	18251A05B4	K.N.Samhitha	Dr. A.Sharada	WECARE(Wearables for Classroom Anxiety Revelation)	IoT,Machine Learning	Product	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0563	A.Rishika Reddy					
	18251A0568	Pushpanjali Divi					
B14	18251A0588	T. Bhuvaneshwari	Mr.T.Rajesh	Hand-Sign Recognition using Deep Learning	Deep Learning, Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0591	A.Tejaswi					
	18251A05B2	Naga Sriromani					
	19255A0509	Preethi Reddy					
B15	18251A0561	Aakifah Batool	Mrs.P.Sunitha Devi	Navigation System for Visually Impaired in a Closed	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0575	K.Likhitha					

	18251A0585	S.Manasa		Environment.			
	18251A05A0	G.Srinidhi					
B16	18251A0589	T.Amara	P.Sunitha Devi	Yoga And Raga Exhortation And Supervision System	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0590	V.Sai Priya					
	18251A0596	D.Raga Meghana					
	19255A0508	A.Jyothi					
B17	18251A0572	J.Sushma	Dr. M. Seetha	Emergency Response Platform	Web Development	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A0574	K. Vinisha					
	19255A0513	T. S. Keerthika					
B18	18251A05B7	Taqiya Yousuf Meer	Dr. N. Kalyani	Report Incidents	Web Development	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2

Table 2.2.3.11: IV B.Tech II Semester CSE C Major Project Details for batch 2018-2022

Batch No.	Roll No.	Student Name	Internal Guide	Tiltle of the Project	Domain	Category	POs & PSOs
C1	18251A05C3	B.Sneha	Mrs.Ch.Mandhakini	Land use land cover classification using multispectral satellite imagery	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05D4	M.Jyothi					
	18251A05F8	G.Vihasitha					
	18251A05G8	N.Saisri					
C2	18251A05F3	B. Prathyusha	Mrs.Ch.Swathi	Detecting Distracted Driver	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	18251A05F6	Harika D		using Deep Learning			PO10,PO11,PO12,PSO1,PSO2
	18251A05H2	Sana Samad					
	18251A05H3	Shafaqath Fatima					
C3	18251A05C5	B.Sowjanya	Mrs. Jayashree S.Patil	Smart Fire and Gas Leakage Alert System using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05C7	SriLahari					
	18251A05G7	Manvitha					
C4	18251A05F0	Y.Nanditha	Dr. D.V. Lalita Parameswari	River Stream Identification using Deep Learning Techniques	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05G9	P.Chandana					
	18251A05H1	S.Ruthika					
	18251A05H4	Sravani kaligotla					
	19255A0513	T.S.Keerthika					
C5	18251A05D8	N. Shraddha	Mrs Ch.Radhika	Prediction of Psychological Instability using Machine Learning and Deep Learning Algorithms	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05E0	Perika Vaishnavi					
	19255A0518	K. Shirisha					
C6	18251A05D7	N Keerthi	Mr B.Vamshi	Parkinsons Disease Detection Based on Analysis of Speech	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05D9	P. Vaishnavi					
	18251A05E2	S Srilekha					
	18251A05E3	S Sai Priya					

C7	18251A05C2	A.Supriya	Mrs.R.Pallavi Reddy	Web Vulnerability Detection Of Cross -Site Request Forgery Using Machine Learning Algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05E6	T.Mary Sony					
	18258A0501	Ayesha Almaas					
C8	18251A05C8	G. Shriya	Mrs. Ch. Mandakini	Intelligent Interview Agent to Assess Personality Traits	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05E1	S. Divyanjali					
	18251A05G4	Md Afreen					
C9	18251A05C1	A.Sree Meghana	Dr.M.Seetha	Classification of fundus images captured using a portable smartphone-based retinal imaging system, D-EYE	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05E7	Shubhasri Vanam					
	18251A05F9	Ikkurthi Keertana					
C10	18251A05F2	B.Shivani Reddy	Dr.B.Sashidhar	Automated Classification of Benign or Malignant Lung Nodules using Deep Learning Techniques	Deep Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05F7	D.Divya					
	18251A05H9	V.Gouthami					
	19255A0517	P.Akhila goud					
C11	18251A05G2	M. Amulya	Mrs P. Sunitha Devi	Swasth Lungs	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05H5	T. Sanjana					
	18251A05H6	V. Charani					
	19255A0516	E. Niharika					

C12	18251A05E4	S.Sneha	Dr.G.Malini Devi	Identification of Lanes using Sliding Window Search	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05G6	M.Swetha					
	18251A05H8	V.Alekhya					
C13	18251A05E9	G.Simritha Reddy	Mr Ch.Sudharshan Reddy	Brain Tumor Identification using Hybrid Segmentation Method	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05G0	K. Shriya					
	18251A05G3	Rishwii Reddy					
	18251A05J0	Y. Tejashwini					
C14	18251A05F5	Sathwika	Dr.K.V.Raghavender	Suspect Detection and Recognition using CCTV Data with Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05G1	L.Sahithi					
	19255A0514	A.Geethanjali					
	18UP1A0594	P.Vamika					
C15	18251A05D2	Marri Sanjana	Dr.N.Kalyani	Viksepa-Tracking the users attention for enhancing E-Business	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05E8	C.Siri Chandana					
	18251A05G5	Mikkilineni Aarthi					
C16	18251A05C4	B.Srija	Mrs.K.Sneha Reddy	Code Recommendation Tool	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05C6	Ch.Himaja					
	19255A0515	J.Chaitanya					
	18251A05F4	B.Varshika					

C17	18251A05D3	Manne Reshma	Dr.A.Sharada	Regional Language Assistant for Rural and Elderly-RARE	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05D5	D. Ankitha Reddy					
	18251A05F1	Aakiti Samhitha					
	18251A05H7	Vadugula Anudeepa					
C18	18251A05E5	S.Shwetha	Dr.A.Sharada	Lend a Hand	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05D1	K.Ravali					
C19	18251A0597	D.Tirzah	Dr.K.V.Raghavender	Create and rate a place	Machine Learning	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05D0	K.Akanksha					
	18251A05C9	Ifran Fatima					
C20	18251A05D6	B.V.N.Sai Sudha	Dr.D.V.Lalitha Parameswari	Student Learning Centre	Deep Learning	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18251A05H0	S.Pradeepta					

Table 2.2.3.12: IV B.Tech II Semester CSE A Major Project Details for batch 2017-2021

Batch No	Roll Number	Student Name	Internal Guide	Title of Project	Domain	Category	POs & PSOs
A1	17251A0514	KETHIREDDY AKHILA REDDY	Dr. N. Kalyani	Surface Crack Detection	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0531	AFRAAH FATHIMA SHAIK					
	17251A0533	ALLURI SNEHA					
	18255A0510	PAGALA SAMYUKTHA					

A2	17251A0518	LENKALA BHAVANI	Mrs.T.Swapna	Poverty Prediction Using Satellite Imagery and Machine Learning	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0550	RENJARLA JIGEESHA					
	18255A0502	PAKA MAHESHWARI					
A3	17251A0502	BANAVATH SHIVANI	Mrs. Y. Sravani Devi	Identification of Glaucoma in Retinal Images	Image Processing	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0509	IMTIAZ BEGUM					
	18255A0504	KASOJU PALLAVI					
A4	17251A0512	KANCHANAPALLI SHLOKA	Dr. K. Venugopala Rao	Mask Detectors Using AI Techniques	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0544	LAVADYA MAMATHA					
	17251A0545	MACHERLA ADITHI					
	18255A0509	GOLKONDA TEJASRI					
A5	17251A0521	MEEDIMALE HANSIKA	Mrs. M. Lalitha	IOT Based Real Time Smart Agricultural Irrrigation System Integrated With ML Techniques Using IBM WATSON	IOT	Application	PO1, PO2, PO3, PO4,PO5,PO6,PO7, PO8,PO9, PO10, PO11,PO12. PSO1, PSO2
	17251A0547	N MARY SATYA SHREE					
	17251A0556	T BHARGAVI RANGA SAI SUSHMA					
A6	17251A0501	AUKUNOORU AAMUKTHA	Mrs. Bhageshwari Ratkal	Maldeep:A Deep Learning-Based Approach to Detect	Cyber Security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0517	SHREYA REDDY					
	17251A0549	R HRITHIKHA					

	18255A0512	NEERUDU SHIRISHA		Malicious Code Variants			
A7	17251A0519	MALRAJU SATHYA PRIYA	Mr. T. Rajesh	An Unsupervised Ensemble Clustering Approach for The Analysis of Student Behavioral Patterns	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	18255A0505	B A SHIVANI					
	18255A0508	DAMARLA LALITHA SREE					
A8	17251A0543	KUNDAVARAM PRATHYUSHA	Mrs. S. Sandhya	WhatsApp Messenger Forensic Analysis Based on Android	Cyber Security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0553	SATVIKA EDA					
	17251A0555	SRISHTI MATHUR					
A9	17251A0506	GADDAM APOORVA REDDY	Dr. D.V. Lalitha Parameswari	Liver Tumor Prediction and Analysis Using ML Techniques	ML/Image processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0526	PUTLURU KARUNA SRI					
	17251A0536	ATHKURI SHRAVANI					
	18255A0503	BOMMA SIRI PRIYA					
A10	17251A0507	GALI HARSHITHA	Dr. G. Malini Devi	Predicting Flights Delays With Error Calculation	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0520	MANOGNA NARAYANAM					
	17251A0538	CHEEKATI JHANSI					
A11	17251A0510	K M MUBEENA	Mrs.G. Varsha	Athletes Movement	Artificial Intelligenc	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,

	17251A0535	ANUMULA RASHMIKA		Enhancement Using AI Trainer	e		PO10,PO11,PO12,PSO1,PSO2
	17251A0551	SABA FATIMA S					
	16251A0525	LALITHA					
A12	17251A0504	BHAVANA P	Mrs. Ch. Mandakini	Diagnosis of Breast Cancer Using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17RP1A0523	MALLEPALLY RISHITHA REDDY					
	18255A0501	NAGILLA SANKEERTHANA					
A13	17251A0505	CHAKKA SAI MANASA DEEPYA	Mrs.Vasundhara Rami Reddy	Track & Go: A Location Prediction Web Application Using Google Maps API	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0546	MALLIPUDI SUNITHA					
	16251A0556	SRINITHA PASIKANTI					
A14	17251A0525	PRIYANKA KARNATI	Mrs. D. Manju	Anti-Theft Detection and Protection in Vehicles Using Facial Recognition and IOT Notification	IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0528	TEEGALA YASHASVINI					
	17251A0537	BHEEMISETTY ANISHA					
A15	17251A0527	SARDARNI AMARDEEP KAUR	Mrs. R. Mamatha	Image Based Food Calories Estimation	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0530	VALLALA SAI VISHWAJA					
	18255A0507	KOUTAM SWAPNA					

A16	17251A0508	GAYATRI VARMA PENMETSA	Dr.N.Kalyani	Risk Analysis of Covid Spread in Public Gathering	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0515	K SUBBARAMAN JHANAVI					
	18255A0511	GURUN MAMATHA					
	18255A0506	THOTA SUDHARANI					
A17	17251A0554	SRAVYA CHERUKUPALLY	Mrs. J. Padmavathi	Smart Waste Segregation Bin	ML and IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0557	TIRUMALLA SRI SUSHMITHA					
	17251A0559	VEDA VANJARI					
A18	17251A0513	KANIKANTI NAGA JYOTHI	Dr.K.Raghavender	Analysis of Human Movements Using ML	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0524	PRIYA LEKHA GUDA					
	17251A0540	INTURI NAVYA					
A19	17251A0522	MUTTAMPETH LIKITHA	Mrs. P. Sunitha Devi	Online Feedback System	Web Development	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0552	SARELLA GNANA JYOTHI					
	17251A0560	YADUGANI SRI DIVYA					
A20	17251A0511	KADAPATHRI SINDHU	Mr. N. Venkateswarulu	Video Summarization	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0539	GONA SRAVANI					

	17251A0558	VADALI V L S SHRAVYA					
A21	17251A0532	AKANKSHA SRIKANTH	Dr. A. Sharada	Pay It Forward	Web Development	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
	17251A0534	AMULYA TUMMURU					
	17251A0542	K VENKATA SRIHITHA					

Table 2.2.3.13: IV B.Tech II Semester CSE B Major Project Details for batch 2017-2021

Batch No	Roll No	Student Name	Internal Guide	Project Title	Domain	Category	POs & PSOS
B1	17251A0577	Manepally Sai Shravani	Dr.K.V.G.Rao	Prognosis of Cardiac Disease using Bio-Inspired Algorithms	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0579	Mareddy Dheera Basava Siri					
	17251A05B6	Shruthi Munjam					
	18255A0523	Muppavarapu Sravya					
B2	17251A0569	Gade Akshitha Reddy	Mrs. Jayashree. S. Patil	Purchase Intent Prediction and Analysis using Social Media	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0574	Konda Namitha					
	17251A05A3	Konduru Ruhika Reddy					
	17251A05B9	Vaishnavi Babers					
B3	17251A0570	Gatiganti Sridevi	Mrs. Ch. Mandakini	Tourism based Hybrid	DeepLearning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	17251A0575	Lingannagari Rama Devi		Recommendation System using Big data and Deep Learning Techniques			PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05A1	Gurram Krishna Priya					
	17251A05A2	Jaddu Gayathri					
B4	17251A0587	Sindhuja Nadgoud	Mrs. Nanda Devi DR	Reducing Noise based on Dynamic User interests in Web Data	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0588	Veda Charitha Bandikallu					
	17251A0589	Yaramada Akshara					
	17251A0597	Dadannagari Sahithi					
B5	17251A0593	Anjali Rao Yerabati	Mrs. Ch. Radhika	Characterization of Situational Information for COVID-19 in Social Media	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0595	Bathula Laya					
	17251A05A4	Kumkuma Niharika					
B6	17251A0562	Anagandula Sanjana Reddy	Dr.G.Malini Devi	Prediction of Thyroid disease using Data Mining Techniques	DeepLearning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0581	Mattaparthi Sirisha					
	17251A05A6	M Sandhya					
	17255A0536	Kanishetti Sushma					
B7	17251A0576	Manasvi Tallapalli	Mrs. R. Pallavi Reddy	Placement Prediction System	DeepLearning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0568	Devavarapu Sahithi					

	17251A0573	Karumanchi Sravanthi					
	17D21A0534	Kolli Harika					
B8	17251A0565	Chindam Priyanka	Mrs. D. Manju	Cyberbullying Detection System	Cyber Security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0572	Harshitha Guguloth					
	17251A05B2	Puli Vidyavathi					
	18255A0515	M Sai Prasanna					
B9	17251A0585	Sandhi Sowmya Reddy	Mrs.V.Divya Raj	Providing Security against Insider Attacks	Network Security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05B7	Sneha Reddy Kancherla					
	18255A0521	Dayyala Rashmitha					
B10	17251A0580	Marupaka Akhila	Mrs.K.Sneha Reddy	COVID-19 Vaccine Sentiment Analysis using Twitter Data	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0584	Ruchira Bairaboina					
	17251A05B3	R Sri Laxmi Ragini					
B11	17251A0582	Navuduri Lakshmi Manasa	Dr.A.Sharada	Document Image Reconstruction using Video Frames Mosaicking	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05A8	Malka Sai Naimisha					
	17251A05B5	Sama Chandana Reddy					

	18255A0524	Sangolla Kavitha					
B12	17251A0594	Avi Jain	Dr. M. Seetha	Detection of Non-Helmet Riders and Extraction of License Plate Number using YoloV2 and OCR Method	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0599	Divya.G					
	18255A0514	Jala Shreya					
B13	17251A0586	Saripalli Satya Aditi	Dr. D. V. Lalitha Parameswari	A Novel Multimodel Image Fusion framework for perceptual enhancement of Clinical Diagnosis	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0590	Yaramala Sangeetha					
	17251A05B4	Repakula Mounika					
	18255A0517	Gajabhinkar Sony					
B14	17251A0571	Gopanaboina Srilekha	Mrs.J.Padmavathi	Dehazing image using Sky Adaptive Fusion	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05B1	Muthineni Sushma					
	18255A0520	Surapally Uma					
B15	17251A0563	Banoth Jyothi	Mrs.Ch.Swathi	Spammer Detection and Fake user Identification on Social Networks	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0564	Charvi Reddy Challa					
	18255A0513	Ledalla Jahnavi					

B16	17251A0566	Dara Sushma	Mrs.M.Lalitha	Under water Image enhancement techniques and Image restoration	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0583	Peddolla Dhatri Reddy					
	17251A05A9	Meriga Sujitha					
	18255A0519	Pandugu Priyanka					
B17	17251A0561	Afifa Siddiqa	Mrs.T.Divya Kumari	Software Defect Estimation using Deep Learning Techniques	DeepLearning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05A0	Ganta Srilekha					
	17251A05A5	Kurapati Namratha					
B18	17251A0578	Mangilipelli Gnaneshwari	Mrs.R.Mamatha	Detection of malicious software using machine learning techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0592	Akshitha Reddy Golamari					
	17251A05C0	Yanamadala Kousalya					
	18255A0516	Kondabathini Keerthana					
B19	17251A0596	Bhukya Srilekha Rathod	Mrs.D.Naga Swetha	Power Consumption estimation for household electric appliances	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A0598	G Anjali Reddy					
	18255A0518	Ramagoni Ravali					

B20	17251A0567	Devanga Ampabathini Vineela	Mrs.T.Swapna	Detection & Classification of Skin diseases using deep learning	DeepLearning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05A7	Maddineni Navyasree					
	17251A05B8	Susmitha Navuluri					
	18255A0522	Pothabatini Bhavana					
B21	17251A05B0	Mukka Dheekshitha	Dr.N.Kalyani	Farmers Market	Web Application	Industry	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05G9	M Samhitha					

Table 2.2.3.14: IV B.Tech II Semester CSE C Major Project Details for batch 2017-2021

Batch No	Roll No	Student Name	Internal Guide	Project Title	Domain	Category	POs & PSOs
C1	17251A05C1	ADEEBA FATIMA	Mr. G. Nagababu	Traffic Density Monitoring System	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17255A05F1	AFIA SIMEEN					
	17255A05F4	A AKSHITHA RAO					
C2	17251A05C8	DUDDILLA VAISHNAVI	Dr. A. Sharada	VaakMudra	NLP	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05E6	SREEVIDYA MAKKAPATI					
	18255A0525	C SHRUTHI					
C3	17251A05D0	G LAKSHMI SAI SREE	Mrs. R. Pallavi Reddy	Drishti-Know Your Child	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05H9	RAVURI SAI USHA					
	18255A0533	POOSA ANUSHA					
C4	17251A05C2	ALLA BHAVANA	Mrs. Bhageshwari Ratkal	Imperio Oculus	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05C9	G SRIHITHA					
	17251A05D1	GOPIDI ROOHI					

C5	17251A05C3	ALLADI SRIYA	Mr. T. Rajesh	Gesture based Communication with Disabled	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05C4	APPALA RISHIKA					
	17251A05H6	PRANAVITHA V					
C6	17251A05C5	BANDELA SAI PRUSNI	Mrs. Jayashree S Patil	Contact Manager	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05C6	BHAVYA SINGH					
	17251A05F0	VELISHETTY BHAVANA					
C7	17251A05C7	BOGGARAPU SHETHALA	Mr. Ch. Sudarshan Reddy	Helmet Detection through live video tracking	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05H4	PARKHI NIHARIKA					
	18255A0536	TANGUTURI VASAVI					
C8	17251A05D2	G SAMPURNA	Mrs. Ch. Radhika	Gesture Controlled Wheel Chair	IoT	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05F9	GANDE VARSHINI					
	18255A0534	VADLA PRAVALIKA					
C9	17251A05D3	GUNTURI SRUJANA	Dr. D.V.Lalitha Parameswari	Stress Scan	AI/ML	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05G8	M TRIPURADEVI					
	17251A05H0	NANDHIPATI KALYANI					
C10	17251A05D4	K N SRAVANI	Dr. D.V.Lalitha Parameswari	Pest Control on Crop Yield	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05E0	M SHREYA REDDY					
	17251A05E2	POSHAM CHANDRIKA					

C11	17251A05D5	KALVALA SREEJA	Mrs. V. Divya Raj	Attention-Deficit/ Hyperactivity Disorder Index	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05E4	SHETTY MEGHANA					
	17251A05E8	T SHARADI THANVI					
C12	17251A05D6	KAMATAM NIHARIKA	Mr. T. Anil	Target Detection using Hyperspectral images	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05D7	K JYOTHIRMAYEE					
	18255A0532	PEDAPROLU MANASA					
C13	17251A05D8	KRISHNA MOHANA C	Mrs. G. Malini Devi	Soil Moisture Analysis	IoT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05D9	M SHREYA REDDY					
	17251A05G3	KOLLU RISHIKA REDDY					
C14	17251A05E1	N KEERTHI	Dr. K.Venugopala Rao	Student Academic Performance	Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05E5	S SAMHITHA REDDY					
	17251A05J0	SANKINENI POOJITHA					
C15	17251A05E7	TELARU YAMINI REDDY	Mrs. Nanda Devi D.R	Question Answering System	NLP+Web App	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18255A0529	MEDI PRANATHI					
	176C1A0502	A SONIKA					
C16	17251A05E9	V AKSHITA	Dr. M. Seetha	Detection of diabetic retinopathy using CNN	AI/ML	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05H5	PEDDI SAKILA					
	18255A0526	SK MAHERNISHA					

C17	17251A05F2	AMARTHALURI NAVYA	Mr. G. Narendra Babu Reddy	Fake news detection	WebApp	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05G1	K SANJANA					
	17251A05H2	NUNNA VYSHNAVI					
C18	17251A05F5	C ALEKHYA	Mrs. B. Geetha Kumari	Optimal Face List Generation from Multipose Variant Face Collection	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	17251A05H1	NARISETTY KEERTHANA					
	17RG1A0522	I VEDA SRI					

Tables 2.2.3.15 and 2.2.3.16 give the details of broader range of project classification and their respective thrust areas in mini projects, mean while while Tables 2.2.3.17 to 2.2.3.19 represent mini project details of 2019-2023 batch, 2.2.3.20 to 2.2.3.22 give mini project details of 2018-2022 batch, 2.2.3.23 to 2.2.3.25 provide mini project details of 2017-2021 batch.

Table 2.2.3.15 : Summary of Mini Projects carried out under each category

Project classification	**Batch: 2019-2023**	**Batch: 2018-2022**	**Batch: 2017-2021**
Research	9	5	11
Application	38	25	33
Social Impact	0	4	7
Product	2	0	0
Total Number of Projects	48	34	51

Table 2.2.3.16: Summary of Mini Projects carried in Thrust/Emerging areas

Thrust areas	**Batch: 2019-2023**	**Batch: 2018-2022**	**Batch: 2017-2021**
Internet of Things	1	5	3
Artificial Intelligence	3	0	2
Machine Learning	23	13	22
Deep Learning	5	5	2

Natural Language Processing	3	1	7
Image Processing	5	5	12
Cyber Security	1	1	1
ARVR/Robotics/ Web Application	ARVR-2 Robotics-1 Web Application-2	ARVR-1 Web Application-3	Web Application-1
Total Number of Projects	48	34	51

Table 2.2.3.17: III B.Tech II Semester CSE A Mini Project Details for batch 2019-2023

Batch No	Roll No	Name of the Student	Internal Guide	Project Title	Area	Category	POs & PSOs
A1	20251A0511	M Sindhuja	Dr. A. Sharada	Muting Advertisements using Speech recognition	Speech Recognition & IoT	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0520	S Tejaswini					
	20251A0523	Seri Sruthi					
	20251A0543	Indraganti Adhya					
A2	20251A0534	Balapuram Nithya	Mrs. Ch. Mandakini	Virtual Canvas for Interacive Learning using Open CV	Ml & Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0537	D. Navaneetha					
	20251A0545	K.Pranathi Varma					
	20251A0555	T.Rajeshwari					
A3	20251A0529	Vutukuri Harshini	Mrs. V. Divya Raj	Diabetic Retinopathy	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	20251A0531	Addepalli Sai Sriyam		Diagnosis using Image Processing and Deep Learning methods			PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0532	Akurathi meghana					
	20251A0557	Thota Sandhya					
A4	20251A0507	Himaja Elluru	Mrs. Jayashree S Patil	Development of Versatile Robotic Arm for Amputees	Robotics	Product	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0521	Saima Muzaffar Hussain					
	20251A0526	Tatipamula Srisatya					
	20251A0547	Nandimalla Mounika					
	20251A0551	S Karunya Ram					
A5	20251A0514	M. Naga Sai Priya	Mrs. P. Sunitha Devi	GestureGenie:Expression Analyzer Avatar Based Gesture to Speech Interpreter	NLP.ML, Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0530	Y. Venkata Satya Sarika					
	20251A0539	Dabbugunta Veena					
	20251A0546	Kummetha Sreeya					
	20211A05C6	Kavuri Sri Eesha					
A6	20251A0527	Vavilala Rakshitha	Dr. M. Seetha	Handwriting Feature Extraction for Dysgraphia Detection in children using Machine Learning	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0540	Gaddam Prathyusha					
	20251A0541	Gande Charishma					

	20251A0542	G. Tharunya Varma					
A7	20251A0515	M. Sahitya Vyshnavi	Dr. G. Malini Devi	Sonographic Assessment of Gestational Age using Machine Learning algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0553	Shivani P					
	21255A0502	D. Harshini					
	21255A0505	Kotagiri Vasavi					
A8	20251A0538	D. Sai Sahithi Bala	Mrs.B.Spandana	Markov Chain Monte Carlo(MCMC) Simulation for Currency Forecasting	Simulation, Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0560	Y.Gnana Priya					
	21255A0501	Kakarla Mounika Chowdary					
	21255A0504	Racherla Harshini					
A9	20251A0505	Hafsa Rahim	Mrs Ch. Swathi	Comparative Analysis of ML models for Multiple Disease Prediction	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0556	T Z Sama Faruqui					
	20251A0558	T Siva Meghana Reddy					
	20251A0559	Vemu Yashaswi					
A10	20251A0513	Mahada Shruti	Mrs. R. Pallavi Reddy	Uncovering the Truth:Image Forgery Detection	Cyber Security	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0533	Aturi Hari Priya					
	20251A0535	Banoth Divya					

	20251A0536	C.Vamshi Priya					
A11	20251A0501	Ananya Kunduru	Mrs. Ch. Radhika	Efficient Classification on Remote Sensing Images using Transfer Learning	Machine Learning, Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0512	Maddula Bhavani					
	21255A0503	Harika Alle					
	21255A0506	Sadula Soni					
A12	20251A0549	P. Santhi Choudary	Mrs.T.Mallika Devi	Silent Speech Recognition: Automatic Lip reading Model using 3D CNN and GRU	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0550	Puram Pravallika					
	20251A0552	S. Rajeshwari					
	20251A0554	S. Keerthana					
A13	20251A0502	B. Sowmya	Mrs. M. Anusha	MarTrax-Maritime Traffic Detection and Tracking System	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0503	Burugu Sruthi Srivalli					
	20251A0504	Cherrla Charitha					
	20251A0548	Nenavath Aarthika					
A14	20251A0506	Harshitha Kasu	Mrs. Nanda Devi D.R.	Semantic Information Extraction from Knowledge	NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0509	Line Meghana					
	20251A0516	N Roshni Reddy					
	20251A0518	P Shreya					

A15	20251A0508	Jangam Swetha	Mrs.K.Sneha Reddy	Automated Garbage Waste Classification using AI for Efficient Recycling	Machine Learning, Computer Vision	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0510	M Akshitha					
	20251A0522	Sapavath Sindhu					
	20251A0524	Shaik Liyakhath					
A16	20251A0519	Pagidyala Gayathri	Mrs.R.Pallavi Reddy	A Machine Learning-Based Approach towards Speech Disfluency Detection among Pre-Adolescence	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0525	Sheri Samiksha Reddy					
	20251A0528	V Harichandana					
	20251A0544	K Shivani					

Table 2.2.3.18: III B.Tech II Semester CSE B Mini Project Details for batch 2019-2023

Batch No	Roll No	Name of the Student	Internal Guide	Project Title	Domain	Category	POs & PSOs
B1	20251A0564	Dega Sunnihitha	Dr. A. Sharada	Mime-A-Rhyme	AR/VR	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0566	Gajula Veera Nandika					
	20251A0593	Boddu Varshini					
	21255A0508	Pochu Sushmitha					
B2	20251A0567	Garlapati Sathwika	Mr. T. Rajesh	Prediction of Cardiovascular Disease for Heart Patients using Ensemble Learning	Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0575	Mundla Deepshika					
	20251A0585	Surineni Soumitha					

	20251A05 A4	Jogannagari Alekhya		Models and Boositng Classifiers			
B3	20251A05 82	Sakki Maheshwari	Mrs. Jayashree S Patil	Diagnosis of Parkinsons Disease using Deep Learning	Deep Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05 A5	Kapukar Prasanna Durga					
	20251A05 B2	Padala Akshaya					
	21255A05 10	Maidam Poojitha					
B4	20251A05 84	Somepally Srikeerthi	Mrs. R. Pallavi Reddy	Detection of Speech Disfluency using Geneative Adversarial Networks	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05 96	Chekuri Hema					
	21255A05 09	Billa SnehaLatha					
B5	20251A05 68	Gone Guna Pragna	Dr. K. Prasanna	Accurate Prediction Model for Pancreatic Cancer using Ensemble based Machine Learning Approach	Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05 72	M. Srilatha					
	20251A05 89	Vangaveeti Niharika					
	20251A05 B1	Nimma Shrunithvi					
B6	20251A05 95	Chava Sowmya	Dr. Raghavender K.V.	Agronomy Prediction for Kisan-ML	Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05 B4	Ratnalapally Gaddavari Bindu					
	20251A05 B5	Samala Venkata Sai Shreeya Reddy					
	20251A05 B6	Shaik Naseema Afreen					

B7	20251A0562	Badavath Indirapriyadharshini	Mr. B. Vamshi	Braille Recognition and Conversion to text using CNN Technique	Image Processing	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0580	Rashmika Bhandaru					
	20251A0591	B.Deekshitha					
	20251A05A3	G.Snehitha					
B8	20251A0577	Pallvadi Prranamyaaw	Mrs. Ch. Radhika	Remote Sensing Image Classification using CNN	Image Processing	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0581	Rasuri Poojitha					
	20251A0587	Tangeda Archana					
	20251A0599	Ganji Sowmya					
B9	20251A05B8	Teneti Sanjana	Dr. O Obulesu	Lip Movement Detection using 3D Convolution and Resnet	Deep Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05B9	Veeramallu Rupa sree					
	20251A05C0	Venkata Saahithya D					
	21255A0507	Bakkannagari Srija Reddy					
B10	20251A0563	Bindu Jyothula	Dr. D.V. Lalita Parameswari	Kidney Stone Prediction using CNN Technique	Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0571	M. Chandana Savithri					
	20251A0579	Ramidi Chandana Reddy					
	20251A0583	Poreddy Shreya Reddy					
B11	20251A05A7	Karanam Bhuvaneshwari	Mrs. T. Divya Kumari	Code Clone Detector	Deep Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	20251A05A9	Mahendra Anusha					PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05B3	Paluru Venkata Rishitha					
	21255A0512	Shaik Uzma nazi					
B12	20251A0588	Vangapally Vennela	Mrs. Bhageshwari Ratkal	Enhanced Communication among Hearing Imapired through Gesture and Facial Expression on 3D Avatar	AR/VR	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0590	Vurlugonda Likhithasree					
	20251A05A1	Guda Akshaya					
	20251A05A8	Madasu Pravallika					
B13	20251A0561	Meghana Ayyala Somayajula	Dr. N. Kalyani	RaagaDhvani	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0597	Chetti Vidya					
	20251A05B7	Sai Pallavi Sistla					
B14	20251A0578	Pendli Sowmya	Mrs. R. Mamatha	Detecting Macro Nutrients Deficiency in Plants using Image Processing and Machine Learning	Image Processing	Applicaion	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A0592	B.Suprathika					
	20251A0594	Bollam Abhigna					
	21255A0511	Chereala Nissi					
B15	20251A0576	Nune Kusuma	Mrs. Ch. Mandakini	Analysis of Handwriting Images for Dygraphia Detection in Children using Deep	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05A2	Guguloth Indhu					
	20251A05A6	Kakarla Devi Likiitha					

	20251A05 B0	Matur Varshini		Learning			
B16	20251A05 65	Doddi Naveena Kumari	Mrs. D. Naga Swetha	Evaluation of Descriptive and Non-Descriptive Answer Script using NLP	NLP & Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO 6,PO8, PO9,PO10,PO11,PO12,PSO 1,PSO2
	20251A05 70	L. Sravani					
	20251A05 73	Marubudi Aishwarya Monica					
	20251A05 74	Mendu Sadvika					
B17	20251A05 69	Kasireddy Renu	Mr. N. Venkateswar ulu	Prediction of Flight Delays with Error Calulations using Machine Learning Classifiers	Machine Learning	Applicaion	PO1,PO2,PO3,PO4,PO5,PO 6,PO8, PO9,PO10,PO11,PO12,PSO 1,PSO2
	20251A05 86	Tallapaneni Kaivalya					
	20251A05 98	Eravelly Sanjana					
	20251A05 A0	Gorukanti Vishwaja					

Table 2.2.3.19: III B.Tech II Semester CSE C Mini Project Details for batch 2019-2023

Batch No	Roll No	Name of the Student	Internal Guide	Project Title	Area	Category	POs & PSOs
C1	20251A05 H6	Lahari Yadav	Mr.T.Anil	Aura: A Digital Music Streaming Service	Web Development and ML	Application	PO1,PO2,PO3,PO4,PO5,PO 6,PO8, PO9,PO10,PO11,PO12,PSO 1,PSO2
	20251A05 13	Keerthana					
	20251A05 G1	Kunduri Vaishnavi Reddy					
	20251A05 F6	Kapa Bhavana Reddy					
C2	20251A05 G5	Mallapragada Suma	Dr.B.Sasidhar	Neural Network	Machine Learning,	Application	PO1,PO2,PO3,PO4,PO5,PO 6,PO8,

	20251A05F2	Akshara Puligilla		Approach for prediction and analysis of solar storms from DSCOVR data	Artificial Intelligence		PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C2	Chenreddy Praneetha Reddy					
	20251A05G3	Maddula Supriya Reddy					
	21255A0518	Y.Anusha					
C3	20251A05E0	Soumya Oruganti	Mr.N.Venkateshwarulu	Stock Portfolio Trading Bot	Deep Learning, Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D3	Lade Srini					
	20251A05D5	Lode Harini					
	20251A05F9	Kavya Sree Natti					
	20251A05E2	R.Manisha					
C4	20251A05E6	Sindhuja	Mrs.N.Divya	Our RealtySpace	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E7	Vineela					
	20251A05E8	Reva					
	20251A05G6	Abhinaya					
C5	20251A05D9	Nalla Spandana	Dr.G.Malini	Deliriums Psychomotor Behaviors among Long-Term Care Facility For Patients	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05G4	M.Amitha					
	21255A0514	N.Alekhya					
	21255A0515	Merugu Mounya					

C6	20251A05D7	Mishritha Reddy	Mr.Ch.Sudharshan Reddy	Precision Farming Using IOT	Internet of things	Product	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8, PO9,PO10, PO11,PO12. PSO1,PSO2
	20251A05G9	Nelli Sathvika Reddy					
	20251A05H7	Vanapalli Vaishnavi					
	20251A05H8	Varshini Vatnala					
C7	20251A05C4	G. Sahasra	Mrs.N.Kalyani	Glaucoma Screening using deep CNN and MRNN	Deep learning	Research	PO1,PO2,PO3,PO4,PO5,PO6, PO8, PO9,PO10, PO11,PO12. PSO1,PSO2
	20251A05C9	K. Sathwika					
	20251A05D1	K. Arthi					
	20251A05D4	L. Sharvani					
C8	20251A05F5	Jupaka sharanya	Dr.Raghavender K.V	CNN Approach For Skin Lesion Classification Using Dermoscopic Images	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D8	N. Tejaswini					
	20251A05C8	I.Vaishnavi					
	20251A05C7	G.Maneesha					
C9	20251A05E1	Vasantha	Dr.Lalitha Parameswari	Automated Diabetic Retinopathy Detection through Retinal Vessel Segmentation using G-NET and R-UNET	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05E3	Hima Varsha Salana					
	20251A05G2	PadamaSri					
	20251A05H2	Sudeshna Pasula					

C10	20251A05E5	Sankepalli Swathi	Dr.K.Prasanna	Predicting occurrence of heart attacks after COVID-19	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F7	Kanagala Poojitha					
	20251A05H4	Sravya Petluri					
	20251A05H9	Vedantam Manju					
C11	20251A05C5	Gopishetty Bhanu Sri	Mrs.D.Anusha	Water Quality Classification using XGBoost method	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05D0	Karri Keerthi Sri					
	20251A05F0	Vaishnavi Vangaveti					
	20251A05H0	Nikitha					
C12	20251A05F1	A.Chandana	Mrs.D.Manju	Black Friday Sales Prediction	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F3	Badduru Sandhya					
	20251A05F4	Jidugu Bhargavi					
	21255A0516	Boya Satwika					
C13	20251A05G8	Mummaneni Eesha	Mr.G.Naga Babu	Prediction of multi-crop diseases using deep learning algorithms	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C1	Bathini Nivrithi					
	20251A05C3	Dachireddy Shreshta Reddy					
	21255A0517	Patlavath Nikitha					
C14	20251A05D2	Koulampeta Yakshitha	Dr.O.Obulesu	An Effective prediction	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO

	20251A05H5	Pujala Vaishnavi		of heart diseases using Machine Learning			1,PSO2
	20251A05E4	Sanjana Vuyyuru					
	20251A05E9	Meenakshi					
C15	20251A05H3	Pendyala Sai Harshitha Reddy	Dr.S.Ravi Kumar Raju	Data clustering for face recognition	Artificial Intelligence	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05C6	Guguloth Someshwari					
	20251A05D6	Malaprolu Harika					
	20251A05H1	Pappula Beulah					
C16	20251A05G7	M.V.Rakshitha	Mrs.K.Sreeveda	Behavioural biometrics	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20251A05F8	Karella Harshini					
	30251A05G0	Kudurupaka Vaishnavi					
	20251A05J0	Velicharla Chandana					

Table 2.2.3.20:III B.Tech II Semester CSE A Mini Project Details for batch 2018-2022

Team No.	Roll Number	Student Name	Internal Guide	Title of the Project	Domain	Category	POs & PSOs
A1	19251A0505	Arugunta Sravani	Dr. M Seetha	3 Rs	Mobile Development, Image Recognition	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0512	C.V. Naga Saisriya					
	19251A0546	Padala Kavya					

	19251A0555	Sowmya Sree Anupati					
A2	19251A0501	A. Sai Sravya	Mrs. Jayashree S Patil	Detection of Malicious URLs	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0538	M. Akhila					
	19251A0551	Pavani Basa					
	19D21A05B3	Banvitha Yadam					
A3	19251A0509	Begari Shailaja	Dr. N. Kalyani	Institutional Ranking Framework Using Predicting Models	Machine learning, Web development	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0519	Daripalli Aparna					
	19251A0526	Gayatri Shastri					
	20251A0506	Taluka Tejaswini					
A4	19251A0530	K.Divya	Mr.T.Rajesh	Depression Detection using Sentiment Analysis on Twitter Data	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0552	Shaista Firdouse					
	19251A0553	Sharia Areeb					
	19251A0557	Thakur Navya					
A5	19251A0504	A.Shivani Reddy	Dr. O. Obulesu	Automatic Text Summarization using machine learning techniques	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0517	D.Ashritha Reddy					
	19251A0520	Dondeti Pavani					
	19251A0554	Shreya Reddy S					
A6	19251A0514	Chepuri Sai Tejaswini	Mrs. P. Sunitha Devi	Polypredix	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,P

	19251A0515	Chiluveru Minati					SO2
	19251A0539	Cheruvu Manusree					
	19251A0541	Modem Keerthana					
A7	19251A0503	Akiti Likhitha	Mrs. Nanda Devi D R	Automated mcq generator	NLP, Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0511	Bitla Sharon					
	19251A0529	Janagam Sindhu					
	19251A0533	Kothakapu Arpitha					
A8	19251A0506	B.Madhuri	Dr.S. Ravi Kumar Raju	Software Bug Prediction by using Machine Learning Techniques	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0534	Kuragayala Shravani					
	20255A0504	Ommi Anisha					
	19251A0573	K.Anvitha					
A9	19251A0524	G Varshini	Mrs.R.Pallavi Reddy	Diagnosis of Polycystic Ovary Syndrome Using Machine Learning Algorithms	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0527	Gundala Tripthi					
	20255A0503	Barenkala Laxmi Prasanna					
	19251A0513	Chaganti Sathvika					
A10	19251A0522	G Jayanthi	Mr. Anil Tellur	An Innovative	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	19251A0523	G Meghana		Feature-selection method for Human Activity Recognition in Videos			PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0525	G Sushma					
	19251A0536	M Sharanya					
A11	19251A0502	D. Akhila	Mrs. T. Swapna	Feature Extraction to Detect Diabetic Retinopathy from Retinal Images	Machine learning and Image processing	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0548	P. Srinidhi					
	19251A0547	P. Srija					
	20255A0501	T. Shivani					
A12	19251A0507	B. Nayanika Reddy	Dr.K.Prasanna	Organic Solutions for Plant Nurture	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0510	B. Tharuni Reddy					
	19251A0516	Ch. Monica Chowdhary					
	19251A0518	D.Himaja					
A13	19251A0508	Vijaya lakshmi	Dr. D. V. Lalitha parameswari	DR Detection Using Segmentation and Exudates Detection	Machine learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0531	Vineela Kethe					
	19251A0532	Vaishnavi Kora					
	19251A0543	Mysolla Gayathri					
A14	20255A0502	Sattu Ashwini	Mrs. D.Manju	Heart and Breast Cancer disease prediction using deep	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	20255A0505	Bommena Shravani					

	19251A0558	Umme Aaiman		learning			
	19251A0560	Wajiha Kulsum					
A15	19251A0535	M.Bhavani	Mr. G. Narendrababu Reddy	Identification of Age related macular degeneration using ML techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19151A0544	N.Sree bhavani					
	19251A0545	P.Chandana reddy					
	19251A0559	V.Abhignya Reddy					
A16	19251A0521	D.Sri vennela	Dr. Sasidhar. B	Blood Glucose Level Prediction System to Prevent Hypoglycemia Using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0528	J.Amulya					
	19251A0537	M.Nandini					
	19251A0542	M.Jyothika					
A17	19251A0550	P Bindhu Madhavi	Dr.K.Prasanna	Endometrial Cancer Detection using Convolutional Neural Networks	Deep learning and Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0556	S Rishika Reddy					
	19251A0549	P Pavani Swetha					
	19251A0540	M Geetha					

Table 2.2.3.21: III B.Tech II Semester CSE B Mini Project Details for batch 2018-2022

Team No.	Roll Number	Student Name	Internal Guide	Title of the Project	Domain	Category	POs & PSOs
B1	19251A0561	A.RamyaSpoorti	Mrs. Y. Sravani	Improved Optic Cup and Disc	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	19251A0564	A.Sonalika	Devi	Segmentation in Glaucomatic Images			PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0567	A.Ayesha					
	19251A0584	Naziya					
B2	19251A0562	A.Hanshika	Dr. O. Obulesu	Efficient Analysis of depression using Machine Learning techniques on Social Media	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0563	A.Lahari					
	19251A05A8	Ashwini					
	19251A05A6	Arunodaya					
B3	19251A0565	Arpita Bejugam	Mrs. Bhageshwari Ratkal	Xpand Reality	Augmented Reality	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0572	Hasitha					
	19251A0590	K Sai Sreelekha					
	19251A0595	M.Srihitha					
B4	19251A0566	A.Sravanthi	Dr. A. Sharada	Multimodal Stress Detection System	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0592	K. Spandana					
	19251A0599	M.Sathwika					
	19251A05B1	S.Keerthana Pravallika					
B5	19251A0568	B.Manasa	Dr. D. V. Lalitha Parameswari	Prediction and categorization of Thyroid Disease in to stages using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0582	G.Kalathmika					
	19251A0594	L.Likhitha					

	19251A05B6	T.Harshitha					
B6	19251A0569	Bhavana Reddy.K	Mrs. P. Sunitha Devi	Search Birdie	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0570	B.Siri Priya					
	20255A0507	Akhila					
	20255A0511	Shivani					
B7	19251A0571	Dhanya Bodapati	Mrs. Jayashree S Patil	Automatic Reminder Generator for GNITS academic events using Machine Learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0580	Vandana E					
	19251A0597	Lahari M					
	19251A05A3	Navya P					
B8	19251A0574	D.Samaikya	Dr. G. Malini Devi	Chronic Kidney Disease Prediction Using Machine Learning Algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0579	Dosapati Divya					
	19251A0585	J.Mounika					
	19251A0573	Ch.Sruthi					
B9	19251A0575	Srujana D	Mrs. Ch. Mandakini	Automatic Irrigation System	IoT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0578	Nikhila D					
	19251A0589	Rithika					
	20255A0512	Pravalika D					
B10	19251A0576	D.Pravalika	Dr. M. Seetha	Eye Disease Data	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	19251A0581	E.Deepika		Augmentation using Generative Adversarial Networks			PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0587	J Sanjana priya					
	19251A0588	J Rachana					
B11	19251A0577	Dheexitha	Mrs. M. Lalitha	GLX(GNITS Online Exchange)-Mobile Application using Flutter	Mobile Application	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05B5	S.Divya					
	19251A05B7	T.Sreehitha					
	19251A05A5	Sankeerthana					
B12	19251A0583	G.Sivani	Mrs. D. Naga Swetha	Start-up Success Prediction	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A0593	K.Lumbini					
	19251A05B9	V.Sathvika					
	19251A05C0	V.Shravani					
B13	19251A0591	Chetna Reddy	Mrs. K. Sneha Reddy	Autism Spectrum Disorder Detection	Machine Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05A7	Preethika					
	20255A0510	Nuzhath					
B14	19251A0596	M.Shreya	Mrs. Ch. Radhika	Strengthening Imbalanced Network Data Learning using Machine Learning Techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05B8	T.Preethi					
	19D21A0502	Adithi					
	20255A0509	Kiranmayee					

B15	19251A0598	M.Ashritha	Dr. Raghavender K.V	Personality Classification from Text by Hybrid Deep Learning Techniques	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05B0	S.Alankruthi					
	20255A0508	G.Poojitha					
B16	19251A05A0	Charitha Nagapuri	Mrs. R.Pallavi Reddy	Summarization of Research Articles using Deep Learning Technique	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05A4	P.Sujana sri					
	19251A05A9	Radhika Gandla					
	19251A05B4	S.Lavanya					
B17	19251A05A1	N.Yamini Swamy	Mrs. V. Divya Raj	Interactive ChatBot for Emotion-Based Song Recommendations	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05A2	N.Sanjana					
	19251A05B2	Satwika Lankireddy					
	19251A05B3	Shereen Sultana					

Table 2.2.3.22:III B.Tech II Semester CSE C Mini Project Details for batch 2018-2022

Batch No	Roll Number	Student Name	Internal Guide	Title of Project	Domain	Category	POs & PSOs
C1	19252A05C3	A.Monika	Mrs. R. Mamatha	Stress detection in women using speech analysis	NLP,IOT in Mental Health	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05E6	G.sarvagna					
	19251A05F1	K.Meghana					
	19251A05F3	Shirley Angelina					

C2	19251A05D9	D Venkata Sai Chandana	Dr. A. Sharada	Book MySports	RFID, IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05C6	Bogi Shreya					
	19251A05F0	Kamisetti Swarna Savitri					
	19251A05G9	Rathlavath Raja Rajeswari					
C3	19251A05C8	Bandari Akshitha	Mrs. J. Padmavathi	Auto-Monitor for Smart Classroom	IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05C9	Bandi Sruthi					
	19251A05G6	Potu Bhargavi					
	19251A05G8	Ramavath Navya					
C4	19251A05C4	Athkuri Sahithi	Mrs. R.Pallavi Reddy	Facial and Speech Emotion based Music Recommendation System	NLP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05C5	B. Abhinaya					
	19251A05C7	B. Neha Reddy					
	20255A0514	Chitla Sanjana Raj					
C5	19251A05D1	Bashetty Shreya	Dr. N. Kalyani	Influence of Data Augmentation on Deep learning model for DR	DL	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05G2	Mudavath Saroja					
	19251A05G5	Pallerla Sai Priya					

	19251A05J0	Yada Vaishnavi					
C6	19251A05D5	Challa Sri Nikitha	Mr. B. Vamshi	Lane and Pedestrian Detection for self driving cars	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05E1	Gangula Sreya					
	19251A05E4	G Sai Sindhuja					
	19251A05E7	Hasan Nazneen					
C7	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Bus Tracking and Virtual Buspass:Easy bus	Moble Application / IOT	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05D4	Challa Sai Charitha					
	19251A05F2	K. Pujitha					
	19251A05G7	Rajoli Lakshmi Krithika					
C8	19251A05D3	C. Rishitha	Dr. G. Malini Devi	WhatsApp Web Clone	Web Application	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05D8	D. Harshitha					
	19251A05E8	J. Meghana					
	19251A05G4	P. Alekhya					
C9	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility, Health and Crop Prediction	ML	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05E0	Grace Didla					
	19251A05H1	S. Lekhana					

	19251A05H3	Shriya					
C10	19251A05E9	Harshitha Kalidindi	Mrs. Ch. Mandakini	Surveillance of Students for Medical Assistance	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05F5	Varshini Manchikatla					
	19251A05F6	Soujanya Madavedi					
	19251A05F7	Bhavana Mala					
C11	19251A05E2	G. Sathwika	Dr. Raghavender K.V	Food calorie estimation using image segmentation	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05E5	G. Dharani					
	19251A05H2	S. Tejaswi					
	19251A05H5	T. Pranavi					
C12	19251AO5G1	Mohini Awadiya	Mrs. S. Sandhya	Sarcasm detection with contextual features	Deep learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05G3	N.Bhavani					
	19251A05H0	S.Pranathi					
	19251A0512	K.Soumya					
C13	19251A05H6	Valgot Sherya	Mrs. N. Divya	GNITS Merchandising	Web Application	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05H7	Vundavelly Gayathri					
	19251A05H8	Vulpala Akshara					
	18251A0570	Nirupama varma					

C14	19251A05C1	A. Yagna Gayathri	Mr. N. Venkateswarulu	We Gesture	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05D0	B. Vidya Sree					
	19251A05D6	Ch. Pratyusha					
	20251A0517	U. Devi					
C15	19251A05F4	L.Ramya sri	Dr. Sasidhar. B	Segmentation of Lung Regions with Juxta-Pleura Nodules using Image Processing Techniques.	Image Processing	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05F9	M.shivani					
	20255A0513	T.sahithi					
	20255A0516	K.Jyothika					
C16	19251A05E3	G.Chaitanya Deepti	Mrs. K. Gnana Prasuna	Identifying suspicious individuals with loitering detection	Computer Vision,Web Application	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05G0	M. Harshitha					
	20255A0515	K. Shalini					
	20255A0518	Baby Shalini					
C17	19251A05C2	Afshan khan	Mrs. Ch. Swathi	GNITS Now	ML	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19251A05F8	Manaal Ghouse					
	19251A05H4	Suraka Maha Lakshmi Reddy					
	19251A05H9	Kushi Reddy					

Table 2.2.3.23: III B.Tech. II Semester CSE A Mini Project Details for batch 2017-2021

Batch Number	Roll Number	Student Name	Internal Guide	Title of Project	Domain	Category	POs & PSOs
A1	18251A0501	A.Sai Sreeja	Mrs. T Swapna	Stress Detection from Facial Expressions and Breathing Patterns using Deep Learning.	Machine learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0506	G.Janvitha					
	18251A0538	M.Madhuri					
	18251A0560	Y.Priya Amrutha					
A2	18251A0502	A.Pravanya	Mrs. V. Divya Raj	Knowledge Booster	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0518	M.Sathwika					
	18251A0546	M.Meghana					
	18VE1A05C8	Ch.Preethi					
A3	18251A0529	V.Sai Manisha	Mrs.T.Divya Kumari	E-commerce Website with Image Recommendation(Herright NGO)	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0530	V.Madhuri					
	18251A0532	A.Asritha Reddy					
	18251A0533	Chanpreet Chawla					
A4	18251A0507	G.Sushmitha	Mrs. R Pallavi Reddy	Gesture Controlled Voice Assistant for Deaf and Elderly	NLP	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0512	Keerthana Adavelli					
	18251A0527	P.Tejasri					

	18251A0544	L.Himaaditi					
A5	18251A0519	N.Prasanna Lakshmi	Mrs.D.Manju	Emotion based Music Recommendation System	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0545	M Rishika Reddy					
	18251A0553	R.Christina					
	19255A0503	R.Suma					
A6	18251A0504	Bhargavi	Mrs.B.Geetha Kumari	Automatic Identification and Classification of Eye Related Diseases Using Deep Neural Networks	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0505	Sahithi					
	18251A0513	Eesha Jahnavi					
	18251A0525	Sahaja					
A7	18251A0503	C.Poojitha	Dr. K. Venugopala Rao	Old Photo Restoration via deep latent space translation	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0526	P.Swetha					
	18251A0551	P.Vyshnavi					
	19255A0504	Vijaya Lakshmi					
A8	18251A0516	Manaswini M	S.Sandhya	Image style transfer using convolution neural Networks	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0521	P. Vyoma Harshitha					
	18251A0549	N. Sirisha					
	18251A0556	T Aarthika					
A9	18251A0517	M.R.S. Thanmai	Mrs.R.Mamatha	Adaptive Traffic Signal Control	Machine learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	18251A0542	Chandana Kondaveeti		System			PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0543	Aishwairya Koppula					
	18251A0550	P.Sree Sindhooja					
A10	18251A0531	A.Praneetha	Mr T. Anil	Color Depiction for Daily Sounds	IoT	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0552	P. Rishitha					
	18251A0557	Undru Sharmila					
	19255A0502	Chepuri Akhila					
A11	18251A0508	J.Satvika	D. Naga Swetha	Secured ATM Transactions Based on Fingerprint	Cyber Security	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0510	K. Sanjana					
	18251A0534	Ch. Nikhitha					
	18251A0558	V. Vasantha					
A12	18251A0541	K.Sahithi	R.Vasundhara	Covid-19 Prediction using deep learning techniques	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19255A0501	Sruthi Gopi					
	18251A0536	G.Charitha					
	18251A0559	V.Shravani					
A13	18251A0554	R.Mounika	Mrs.M.Anusha	A Deep learning approach to ship detectoin using satellite imagery	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19252A0506	D.Raja Hamsa					
	18251A0548	N.Godha					

	18251A0509	K.Manasa					
A14	18251A0511	Kalyani Bhargavi	Dr. M. Seetha	Intellectual well-being of students during the pandemic using machine learning	Machine learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0522	Harshitha Boddu					
	18251A0524	Raksha Naravi Pai					
A15	18251A0535	E. Srividya	Mrs. Ch.Mandakini	Determination of happiness index of teachers during covid peroid - NLP approach	NLP	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0537	I.Shivani					
	18251A0539	K.Ruchitha Reddy					
A16	18251A0520	N.Sowmya	Dr.A.Sharada	Automated Interview Feedback using NLP.	NLP	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0540	K.Data Vaishnavi					
	19255A0505	K.Ranee Prathyusha					
A17	18251A0547	Msvl.Sasirekha	Dr.N.Kalyani	Dataset generation using portable device to develop DL models for detection of eye diseases.	Deep Learning	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0514	L.Sai Shivani					
	18251A0523	P.Ramya Sree Sai					

Table 2.2.3.24: III B.Tech. II Semester CSE B Mini Project Details for batch 2017-2021

Batch No.	Roll No	Student Name	Internal Guide	Tiltle of the Project	Domain	Category	POs & PSOs

B1	18251A05B7	Taqiya Yousuf Meer	Dr. K.V.Raghavender	Detection of Cyberbullying Tweets using ML Algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0579	N. Anjali					
	19255A0510	Kadhunoori Aparna					
	18251A0581	P. Sai Priya					
B2	18251A0598	Shubhankari Thakral	Mrs. Y.Sravani Devi	Augmentation of Glaucoma Fundus Images Using Generative Adversarial Network	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05A7	Mansi Ag					
	18251A05B0	Peruka Saisree					
	18251A05B1	Pranjali Bhatt					
B3	18251A0566	G.Asmitha	Mrs. Jayashree S.Patil	AIR CANVAS using Python - OpenCV	Web Application	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0593	A.Srujana					
	18251A05B5	S.Chelsy					
	18D21A0516	G.Akhila					
B4	18251A05A6	Ashna Reddy	Dr.D.V. Lalitha Parameswari	Fraud Recognition Using GPS	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05B3	Ruqayyah Sara					
	18251A0564	Badini Swetha					
	18251A0569	G.Anoohya					
B5	18251A0562	A.Sri Harshitha	Mr.N. Venkateswaru	Smart Travel	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8,

	18251A0574	K.Vinisha	lu	Planner			PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0567	Pooja Sena					
	19255A0511	Shaik Naseena					
B6	18251A0578	Mrunalini Reddy	Mr.G.Nagababu	Crop Yield Prediction Using Machine Learning Algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05A1	Gazada Anusha					
	18251A0580	P Sri Varshika					
	18251A05A2	Janagama Ushasini					
B7	18251A0586	Shatharajupally Niharika	Mrs.J.Padmavathi	An Assistive Tool for Autistic to Teach Facial Expression	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0599	Govindinne Chaitanya					
	18251A0597	Dirisam Tirzah					
	18251A0592	Annika Navya Sai					
B8	18251A0573	Pranavi Katikaneni	Dr.K.Venugopala Rao	Heart Attack Risk Prediction using Machine Learning Techniques	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0577	M Sri Vidya					
	18251A0595	Brahmani Cherukuru					
	18251A05B6	Manasa Sooram					
B9	18251A0582	Reddy Sai Prasanna Laxmi	Mrs.M.Lalitha	Automatic Reminder Generation System	AI, IoT	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05A3	Katukoori Dharmika					

	18251A05A4	Kanchoju Rajyalakshmi					
	18251A05A5	Erla Vennela					
B10	18251A0588	Tokapur Bhuvaneshwari	Mr.T.Rajesh	Skin Disease Identification using Image Analysis	Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0591	Adepu Tejaswi					
	18251A05B2	Naga Siromani					
	19255A0509	Preethi Reddy					
B11	18251A0589	Tudi Amara	Mrs.G.Varsha	Face Recognition Attendance System	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0590	Vempati Sai Priya					
	18251A0596	D.Raga Meghana					
	19255A0508	Amgoth Jyothi					
B12	18251A0587	Syeda Tahmeena Kousar	Mrs.Bhageshwari Ratkal	Quick-Witted Bedsheet for Patients	AI, IoT	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05A9	Asma Khan					
	18251A05C0	Sai Santhoshi					
	19255A0507	Dhanikonda Vaishnavi					
B13	18251A0584	S. Teja Reddy	Dr. M.Seetha	Sharp Witted Bed for Patients	AI, IoT	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05B8	Thanusha Panchati					

	18251A0584	S. Teja Reddy					
	18251A05B9	Vajrala Jahnavi					
B14	18251A0565	Avyakta Chelle	Dr. N.Kalyani	ELangBot: An Interactive Chatbot for Language Analysis	NLP	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0576	Simritha M.					
	18251A0594	Nainisha Bhallamudi					
B15	18251A0571	Jayasree Gorichitti	Mrs. Nanada Devi D.R	Automated Relevance Score Prediction System for Interview Process	NLP	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0572	J Sushma					
	18251A0583	Nikitha Aleti					
B16	18251A05B4	Samhitha Nagavani Kuchibhatla	Dr. A.Sharada	NICE : Nervousness Indicator in Classroom Environment	NLP	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0563	Anugu Rishika Reddy					
	18251A0568	Pushpanjali Divi					
B17	18251A0561	Aakifah Batool	Mrs.P.Sunitha Devi	Object Recognition and Voice Assistant for Visually Impaired	AI, IoT	Research	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A0575	Likhitha Kandukuri					
	18251A0585	Sadhu Manasa					
	18251A05A0	G. Srinidhi					

Table 2.2.3.25: III B.Tech. II Semester CSEC Mini Project Details for batch 2017-2021

Batch No.	Roll No	Student Name	Internal Guide	Project Title	Domain	Category	POs & PSOs
C1	18251A05G1	L.Sahithi	Dr.K.V.Raghavender	Traffic Flow prediction for intelligent tranportion system	ImageProcessing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	19255A0514	A.Geethanjali					
	18UP1A0594	P.Vamika					
	18251A05F5	Sathwika					
C2	18251A05F6	Harika D	Mrs.Ch.Swathi	Direct market-From Farmers to Consumers	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05H3	Shafaqath Fatima					
	18251A05H2	Sana Samad					
	18251A05F3	B. Prathyusha					
C3	18251A05C5	B.Sowjanya	Mrs. Jayashree S.Patil	Emotion Recognition	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05E5	S.Shwetha					
	18251A05C7	SriLahari					
	18251A05G7	Manvitha					

C4	18251A05F0	Y.Nanditha	Dr. D.V. Lalita Parameswari	River Network identification from satellite imagery using machine learning algorithms	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8 ,PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05G9	P.Chandana					
	18251A05H1	S.Ruthika					
	18251A05H4	Sravani kaligotla					
	19255A0513	T.S.Keerthika					
C5	18251A05D8	N. Shraddha	Mrs Ch.Radhika	Maskometer	ImageProcessing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05E0	Perika Vaishnavi					
	19255A0518	K. Shirisha					
	18251A05D0	K.Akanksha					
C6	18251A05D7	N Keerthi	Mr B.Vamshi	GNITS Campus Assistant	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05D9	Padigelwar Vaishnavi					
	18251A05E2	S Srilekha					
	18251A05E3	S Sai Priya					
C7	18251A05E6	T.Mary Sony	Mrs. P Keerthi Chandrika	Intelligent alert system for women security	ImageProcessing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05D1	K.Ravali					
	18251A05C2	A.Supriya					
	18258A0501	Ayesha Almaas					

C8	18251A05C8	G. Shriya	Mrs. Ch. Mandakini	Career Prediction and Guidance for students using machine learning	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05H0	S. Pradeepta					
	18251A05G4	Md Afreen					
	18251A05E1	S. Divyanjali					
C9	18251A05C4	B.Srija	Mrs.K.Sneha Reddy	Software Clone detection with Deep Learning	Deep Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05C6	Ch.Himaja					
	19255A0515	J.Chaitanya					
	18251A05F4	B.Varshika					
C10	18251A05F7	D.Divya	Dr. K. Venugopala Rao	Skin Disease Diagnosis and Treatment	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05H9	V.Gouthami					
	182510A05F2	B.Shivani					
	18255A0517	P.Akhila goud					
C11	18251A05G2	M. Amulya	Mrs P. Sunitha Devi	Prediction of Pneumonia Using CNN	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05H5	T. Sanjana					
	18251A05H6	V. Charani					
	19255A0516	E. Niharika					
C12	18251A05E4	S.Sneha	Dr.G.Malini Devi	Classification of River Network in satellite imagery	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05D6	B. V. N. Sai Sudha					

	18251A05 G6	M.Swetha		using Deep learning Techniques			
	18251A05 H8	V.Alekhya					
C13	18251A05 E9	G.Simritha Reddy	Mr Ch.Sudharshan Reddy	Eyex - A Vision Check Application	Machine Learning	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05 G0	K. Shriya					
	18251A05 G3	Rishwii Reddy					
	18251A05 J0	Y. Tejashwini					
C14	18251A05 F8	G.Vihasitha	Mrs.N.Anusha	Change Detection for Multi-Temporal Optical Remote Sensing Images	ImageProcessing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05 C3	B.Sneha					
	18251A05 D4	M.Jyothi					
	18251A05 G8	N.Saisri					
C15	18251A05 C9	Ifrah Fatima	Dr. N.Kalyani	Deep Learning methods for screening of Autism using eye tracking	Machine Learning	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05 D2	Marri Sanjana					
	18251A05 E8	C.Siri Chandana					
	18251A05 G5	Mikkilineni Aarthi					

C16	18251A05C1	Sree Meghana A	Dr. M. Seetha	Synthesizing Realistic ARMD Fundus images using Generative Adversarial Networks(GAN)	ImageProcessing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05E7	Shubhasri Vanam					
	18251A05F9	Ikkurthi Keertana					
C17	18251A05D3	Manne Reshma	Dr.A.Sharada	Voice Assistant in Native Language for Supporting Elderly	NLP	Social Impact	PO1,PO2,PO3,PO4,PO5,PO6,PO8, PO9,PO10,PO11,PO12,PSO1,PSO2
	18251A05D5	Ankitha Reddy					
	18251A05F1	Aakiti Samhitha					
	18251A05H7	Vadugula Anudeepa					

C. Project related to Industry (3)

Continuous monitoring mechanism and evaluation;

Figure 2.2.3.3 represents the snapshots Apple certificates issued for students by APPLE under industry Projects.Tables 2.2.3.26 to table 2.2.3.28 give projects related to industry from batch:2020-2024,2019-2023, 2018-2022, 2017-2021.

Table 2.2.3.26: List of Capstone Projects for batch 2020-2024

Team No.	Roll Number	Student Name	Internal Guide	Ttile of the Project	Industry Name
A17	20251A0544	K Shivani	Dr.D V Lalitha Parameswari	Blood and Medical Essentials Search Platform and Alert System	APPLE
B18	20251A0582	S Maheshwari	Dr. Jayashree S Patil	Campus recuirtment system	
	20251A05A7	K Bhuvaneshwari			

B19	20251A0576	N Kusma	Dr. M. Seetha	Vedio Sumarization	
C18	20251A05E5	Sankepalli Swathi	Dr.A.Sharada	Platform with Chatbot for Legal Advice and Taxation and connect to Lawyers / CA	
	20251A05E9	Meenakshi			

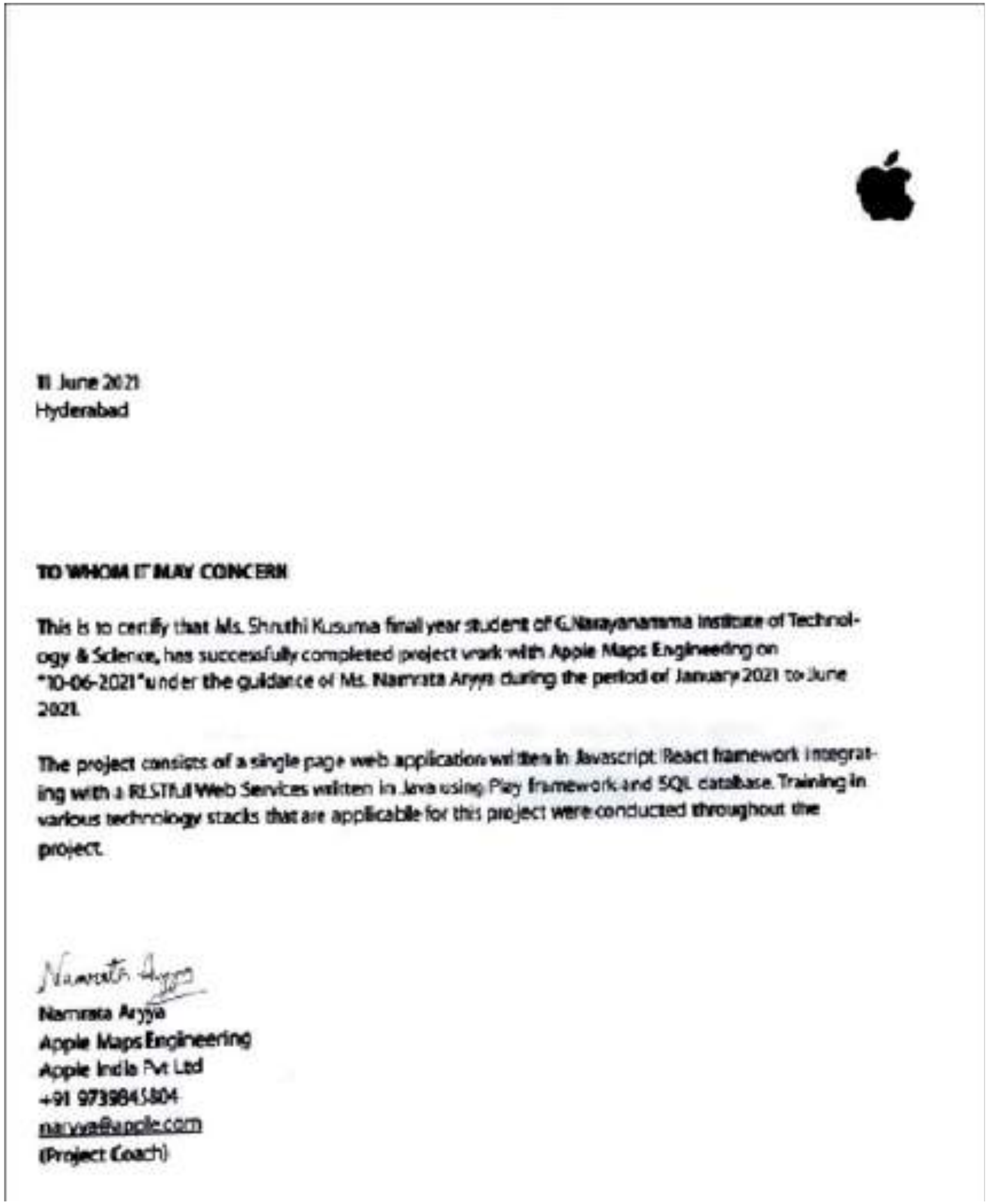
Table 2.2.3.27: List of Capstone Projects for batch 2018-2022

Team No.	Roll Number	Student Name	Internal Guide	Ttile of the Project	Industry Name
A18	18251A0543	Koppula Aishwarya	Mrs. Jayashree S Patil	Local Vendor Connect	APPLE
	18251A0553	Rajarapu Christiana			
	18251A0560	Y Priya Amrutha			
B17	18251A0572	J.Sushma	Dr. M. Seetha	Emergency Response Platform	
	18251A0574	K. Vinisha			
	19255A0513	T. S. Keerthika			
B18	18251A05B7	Taqiya Yousuf Meer	Dr. N. Kalyani	Report Incidents	
C18	18251A05E5	S.Shweta	Dr.A.Sharada	Lend a Hand	
	18251A05D1	K.Ravali			
C19	18251A0597	D.Tirzah	Dr.K.V.Raghavender	Create and rate a place	
	18251A05D0	K.Akanksha			
	18251A05C9	Ifran Fatima			

C20	18251A05D6	B.V.N.Sai Sudha	Dr.D.V. Lalitha Parameswari	Student Learning Centre	
	18251A05H0	S.Pradeepta			

Table 2.2.3.28: List of Capstone Projects for batch 2017-2021

Team No.	Roll Number	Student Name	Internal Guide	Ttile of the Project	Industry Name
A22	17251A0516	Konduri Sai Pavani	Dr.M.Seetha	Citizens Engage	APPLE
	17251A0503	Bathula Javali			
A23	17251A0529	Undety Varsha	Mrs.Jayashree S Patil	Just Not Books-Buy.Borrow.Rent	
	17251A0523	Pittala Soumya			
B21	17251A05B0	Mukka Dheekshitha	Dr.N.Kalyani	Farmers Market	
	17251A05G9	M Samhitha			



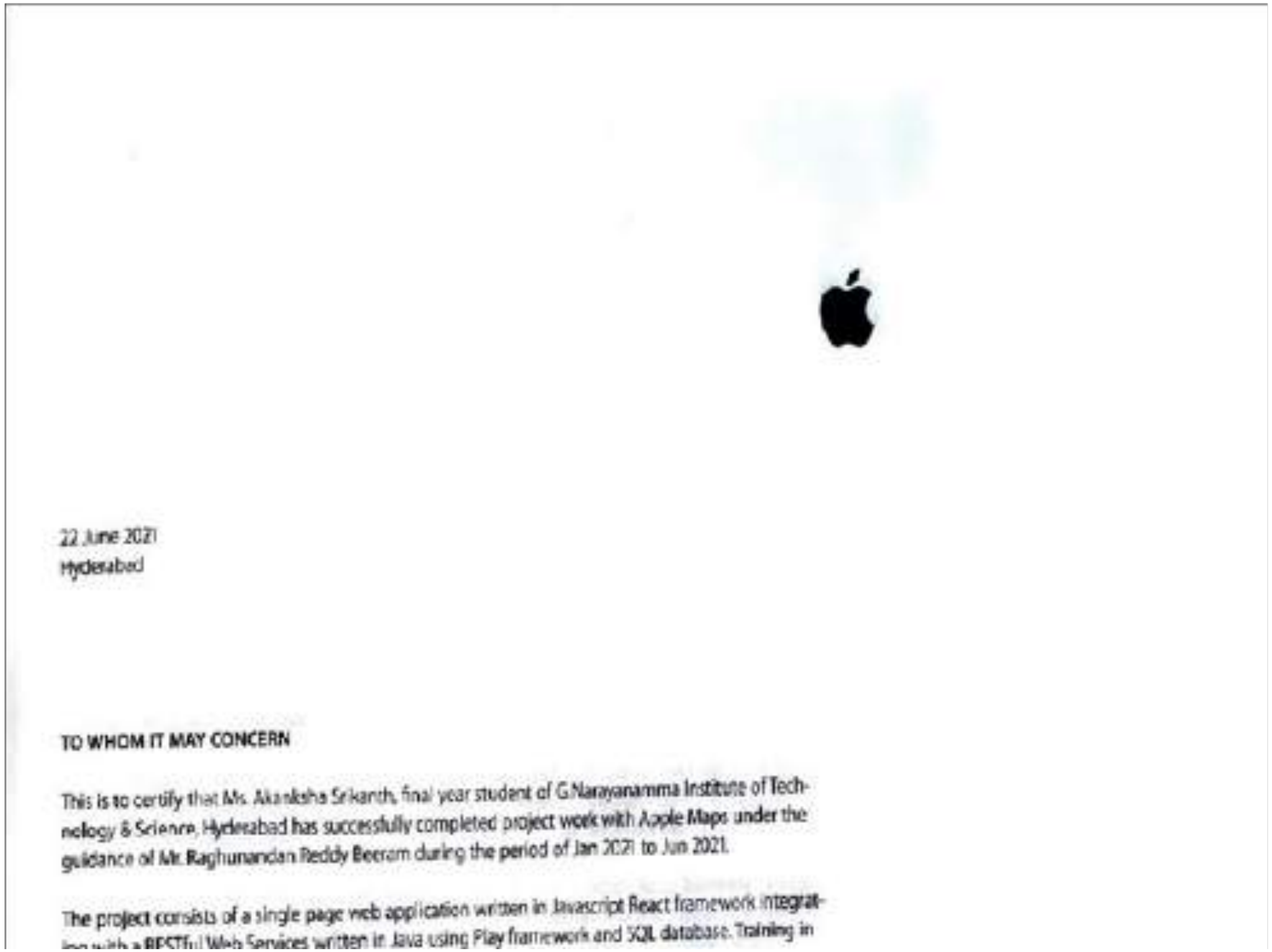
11 June 2021
Hyderabad

TO WHOM IT MAY CONCERN

This is to certify that Ms. Shruthi Kusuma final year student of **G.Narayanamma Institute of Technology & Science,** has successfully completed project work with **Apple Maps Engineering** on "10-06-2021" under the guidance of Ms. Namrata Aryya during the period of January 2021 to June 2021.

The project consists of a single page web application written in Javascript React framework integrating with a RESTful Web Services written in Java using Play framework and SQL database. Training in various technology stacks that are applicable for this project were conducted throughout the project.

Namrata Aryya
Namrata Aryya
Apple Maps Engineering
Apple India Pvt Ltd
+91 9739845804
naryya@apple.com
(Project Coach)



22 June 2021
Hyderabad

TO WHOM IT MAY CONCERN

This is to certify that Ms. Akanksha Srikanth, final year student of G.Narayanamma Institute of Technology & Science, Hyderabad has successfully completed project work with Apple Maps under the guidance of Mr. Raghunandan Reddy Beeram during the period of Jan 2021 to Jun 2021.

The project consists of a single page web application written in Javascript React framework integrating with a RESTful Web Services written in Java using Play framework and SQL database. Training in

Figure 2.2.3.3. Snapshots of Apple Certificates under industry Projects

D . Process for monitoring and evaluation (2)

Methodology (Appropriately documented) to assess individual contribution/understanding of the project as well as collective contribution/understanding

The Departmental Project Review committee and the Project Supervisor together will evaluate and analyze the nature of the project during the project reviews conducted at the different stages of evaluation and make sure that the work is having good progress. Students are motivated to publish their project work in reputed journals/patents along with the help of project supervisor after the completion of the project work. The following Table 2.2.3.29 shows the criteria to be followed during the evaluation of project reviews.Using status forms given for students continuous monitoring and progress of project is on check, figure 2.2.3.4 displays the snapshot of status forms given for students during phase- I & II.

Table 2.2.3.29: Process of Project Review

Review No	**Criteria to determine the evaluation of project**
Review-1	Problem Statement is derived and oobjectives are well defined. The strategic plan leading for upcoming advancements in project work is categorized into modules to work in 2 phases.

Review -2	Literature Survey is studied with every detail included to emphasize their journey to the problem statement derived. Methodology chosen is observed keenly. Comparative analysis between existing and proposed system are also canvassed here. Algorithms preferred are included in a brief discussion with PRC & Supervisor to decide about the techniques to be implemented. Datasets from only promising sources are being considered.
Review-3	The quality of the project is maintained by its compatibility, complexity, and ease of use along with algorithms and performance parameters defined earlier. Partial results are also seen in this review.
Review-4	Arriving to a considerable end of developing the project - results, discussions on future enhancements, documentation of thesis, presentations are given in this review. Paper Publications/ Patents published in reputed journals stand as an accomplishment for their hard work and dedication towards it.

- **Review-1:** Abstract Review will be conducted by PRC formed by HOD. Students will be presenting their problem statement, their further plan of action of how to go ahead with the project is given in form of objectives & modules which are implemented in two phases. If the problem statement derivation or defining objectives is not yet to achieve, then as per fig 2.2.3.1 students should work on the suggestion given by PRC and then get the approval of project.
- **Review 2:** In this review the PRC and supervisor are going to validate the methodology chosen by students. Algorithms in the existing systems are thoroughly investigated to overcome the flaws of prevailing ones. Datasets are collected to initiate the implementation process.
- **Review 3:** in this review student projects in the implementation phase are analyzed, along with which their objectives and modules are also assessed. Compatibility, Complexity and Partial Results are also taken into consideration during this review as mentioned in table 2.2.3.29.
- **Review 4:** With this review completion of the project is seen. Evaluation of the project is done based on efforts made by the individuals/batches in terms of technology used, approach used to solve the problem statement, product/app developed. Presentations are being scheduled as part of continuous assessment till the end of the year to acquire the better quality of projects through engineering. Documentation is being done to maintain the particulars of project in a comprehensive manner. Adding to these parameters paper publications done by students will also stand as an accomplishment for the work carried out by supervisor and PRC. External Viva Voce is being conducted by an academician/ industry expert to perceive the best projects.

The evaluation and the assessment criteria and the division of marks for the CIE and the SEE are as follows

a. The Project Work shall be divided and carried out in 2 phases: Phase - I (Project-I) during IV Year I Semester, and Phase - II (Project -II) during IV Year II Semester, and the student has to prepare two independent Project Work Reports – one during each phase. First Report shall include the Project Work carried out under Phase-I, and the Second Report (Final Report) shall include the Project Work carried out under Phase -I and Phase - II put together. Phase- I and Phase- II of the Project Work shall be evaluated for 100 marks each.

Table 2.2.3.30: Assessment Criteria Phase-I and Phase-II

Assessment	Evaluator	CIE / SEE
Internal	PRC, Supervisor	CIE (30M)
External	Viva Voce by External Examiner	SEE (70M)

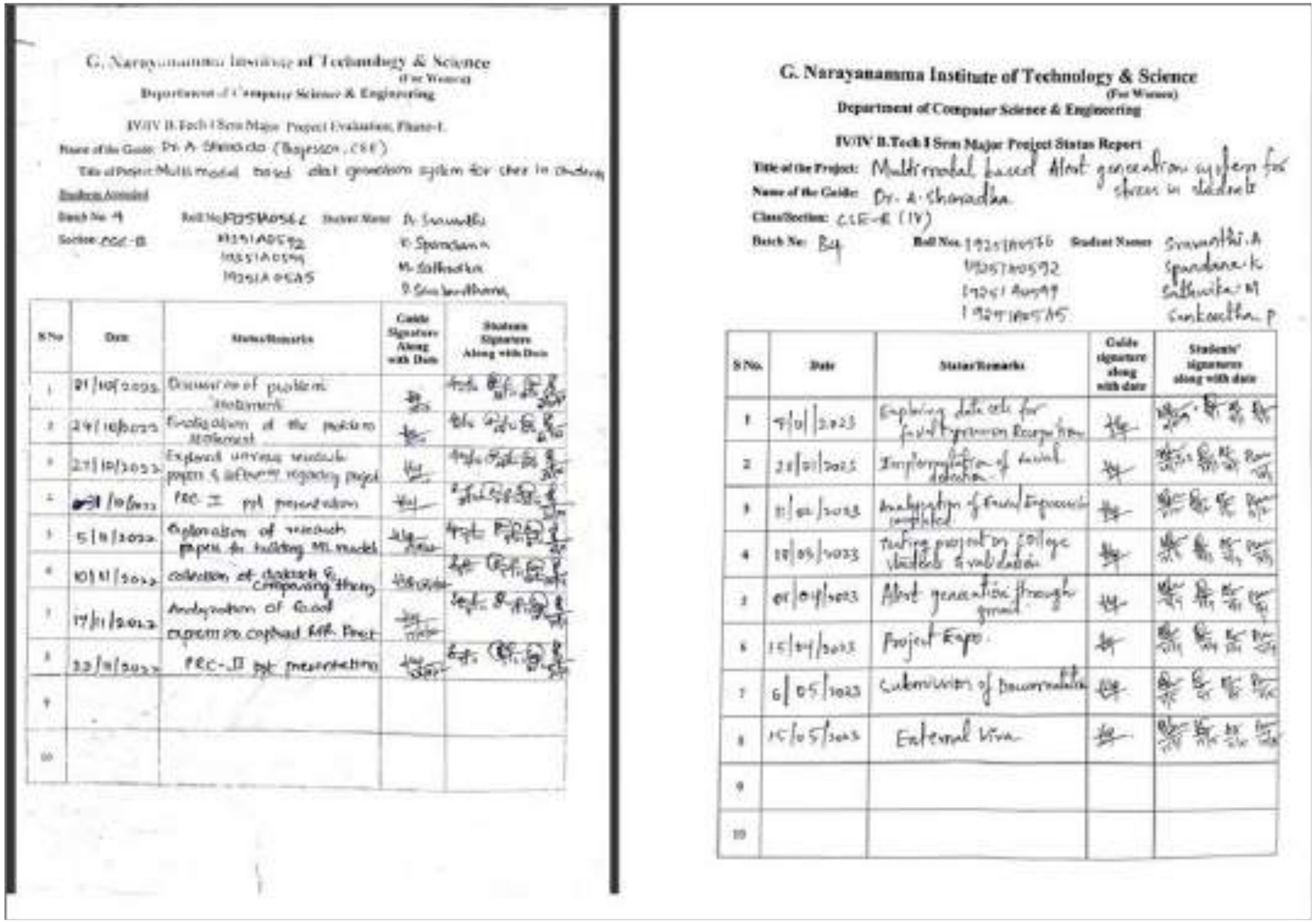
	Total	**100M**

b. As in Table 2.2.3.30 shows, out of the total 100 marks allotted for each Phase of the Project Work, 30 marks shall be for the CIE (Continuous Internal Evaluation/CIE).

c. 70 Marks shall be for the End Semester Viva voce Examination/SEE. The Marks earned under CIE for both Phases of the Project shall be awarded by the Project Guide/ Supervisor (based on the continuous evaluation of student's performance during the two Project Work Phases/periods); and the marks earned under SEE shall be awarded by the Project Viva-voce Committee/ Board (based on the work carried out, report prepared and the presentation made by the student at the time of Viva-voce Examination).

d. For the Project Phase - I, the Viva-voce shall be conducted at the end of the IV Year I Semester, before the commencement of that Semester End Examinations, at the Department Level by a Committee comprising of the HOD or One Professor and Supervisor (no external examiner).Figure 2.2.3.5 presents the snapshot of PRC conducted and figure 2.2.3.6 depicts the snapshot of final evaluation done at the end of phase-I

e. Project Phase - II (or Final Project Viva-voce) shall be conducted by a Committee comprising of an External Examiner, the Head of the Department and the Project Supervisor at the end of the IV Year II Semester, before the commencement of semester and examinations. The nomination of the External Examiner shall be done by the Principal from the panel of 3 names of external faculty members (Professors or Associate Professors outside the College) submitted by the HOD.



G. Narayanamma Institute of Technology & Science
(For Women)
Department of Computer Science & Engineering

IV/IV B.Tech I Sem Major Project Evaluation, Phase-I.

Name of the Guide: Dr. A. Sharada (Professor, CSE)

Title of Project: Multi modal based alert generation system for stress in students

Students Attended

Batch No. 4

Section: CSE-B

Roll No.	Student Name
19251A05[illegible]	A. Sravanthi
19251A0592	K. Spandana
19251A0599	M. Sathwika
19251A05A5	P. Sankeerthana

S.No	Date	Status/Remarks	Guide Signature Along with Date	Students Signature Along with Date
1	21/10/2022	Discussion of problem statement		
2	24/10/2022	Finalization of the problem statement		
3	27/10/2022	Explored various research papers & software regarding project		
4	[illegible]1/10/2022	PRC-I ppt presentation		
5	5/11/2022	Exploration of research papers for building ML models		
6	10/11/2022	collection of datasets & comparing them		
7	17/11/2022	Analyzation of facial expression captured [illegible]		
8	22/11/2022	PRC-II ppt presentation		
9				
10				

G. Narayanamma Institute of Technology & Science
(For Women)
Department of Computer Science & Engineering

IV/IV B.Tech I Sem Major Project Status Report

Title of the Project: Multimodal based Alert generation system for stress in students

Name of the Guide: Dr. A. Sharadha

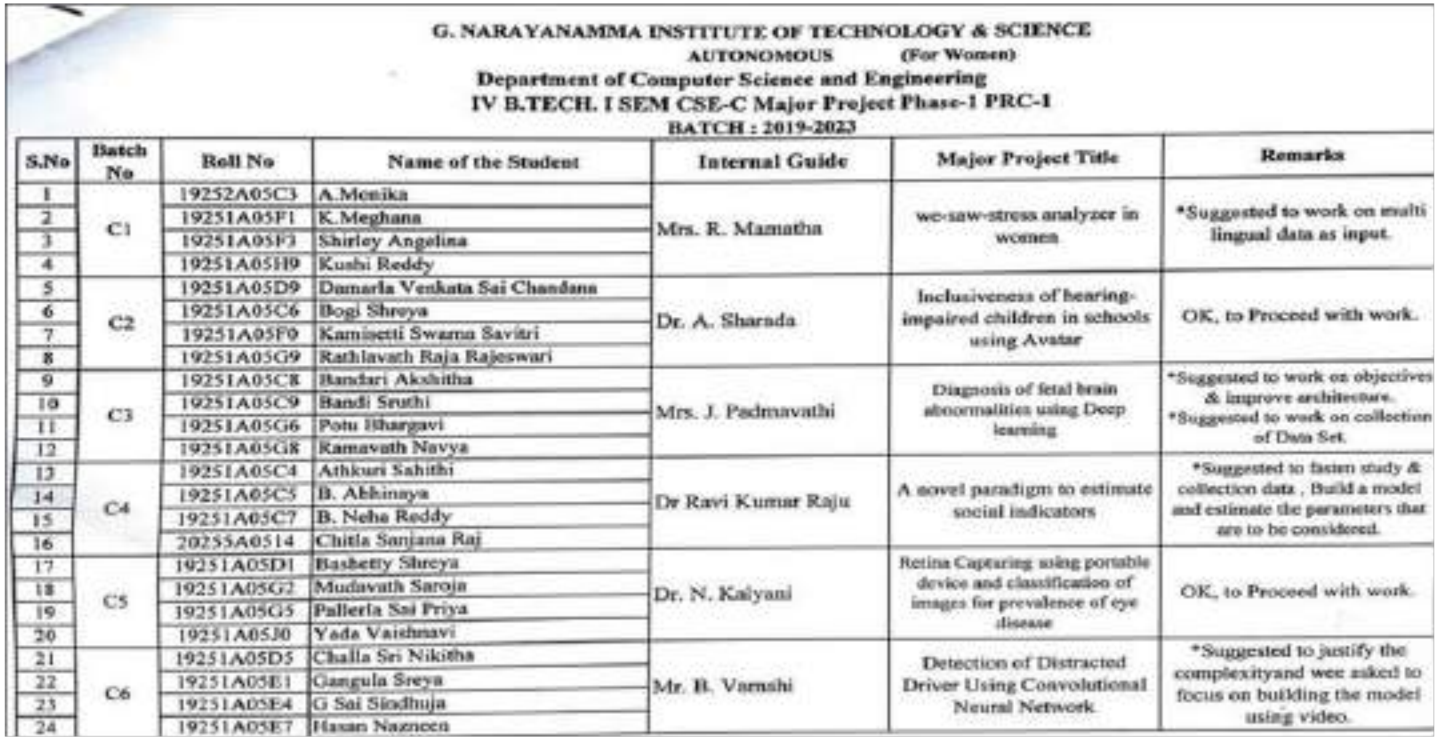
Class/Section: CSE-B (IV)

Batch No: B4

Roll No.	Student Name
19251A0576	Sravanthi.A
19251A0592	Spandana.K
19251A0599	Sathwika.M
19251A05A5	Sankeertha.P

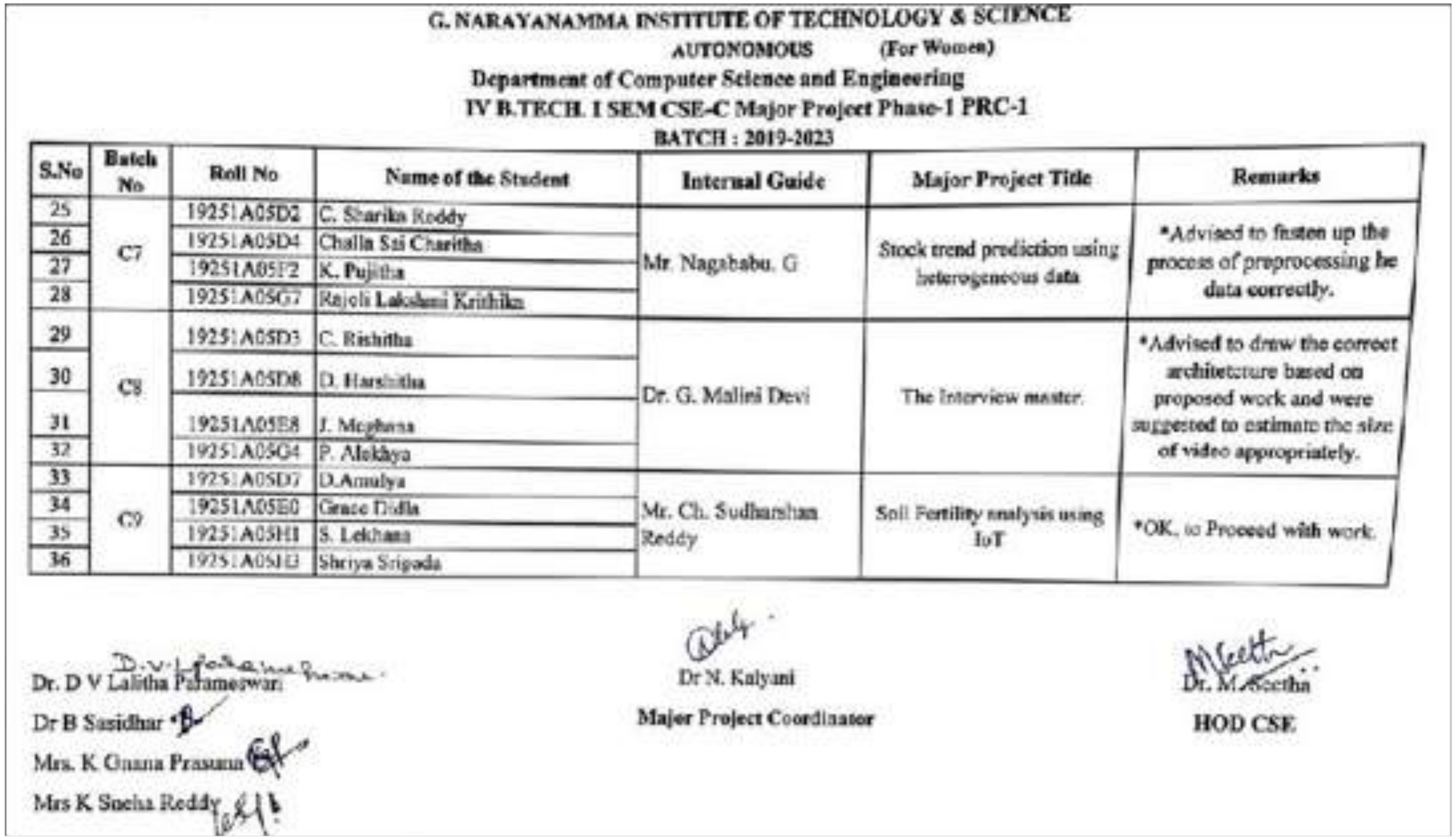
S.No.	Date	Status/Remarks	Guide signature along with date	Students' signatures along with date
1	7/01/2023	Exploring datasets for facial expression Recognition		
2	28/01/2023	Implementation of facial detection		
3	11/02/2023	Analyzation of facial Expressions completed		
4	18/03/2023	Testing project on college students & validation		
5	01/04/2023	Alert generation through gmail		
6	15/04/2023	Project Expo.		
7	6/05/2023	Submission of Documentation		
8	15/05/2023	External Viva		
9				
10				

Figure 2.2.3.4: Snapshot of Status Forms given for students after allotment of Supervisor during Phase-I & II.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)
Department of Computer Science and Engineering
IV B.TECH. I SEM CSE-C Major Project Phase-1 PRC-1
BATCH : 2019-2023

S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Remarks
1	C1	19252A05C3	A.Monika	Mrs. R. Mamatha	we-saw-stress analyzer in women	*Suggested to work on multi lingual data as input.
2		19251A05F1	K.Meghana			
3		19251A05F3	Shirley Angelina			
4		19251A05H9	Kushi Reddy			
5	C2	19251A05D9	Damarla Venkata Sai Chandana	Dr. A. Sharada	Inclusiveness of hearing-impaired children in schools using Avatar	OK, to Proceed with work.
6		19251A05C6	Bogi Shreya			
7		19251A05F0	Kamisetti Swarna Savitri			
8		19251A05G9	Rathlavath Raja Rajeswari			
9	C3	19251A05C8	Bandari Akshitha	Mrs. J. Padmavathi	Diagnosis of fetal brain abnormalities using Deep learning	*Suggested to work on objectives & improve architecture. *Suggested to work on collection of Data Set.
10		19251A05C9	Bandi Sruthi			
11		19251A05G6	Potu Bhargavi			
12		19251A05G8	Kamavath Navya			
13	C4	19251A05C4	Athkuri Sahithi	Dr Ravi Kumar Raju	A novel paradigm to estimate social indicators	*Suggested to fasten study & collection data , Build a model and estimate the parameters that are to be considered.
14		19251A05C5	B. Abhinaya			
15		19251A05C7	B. Neha Reddy			
16		20255A0514	Chitla Sanjana Raj			
17	C5	19251A05D1	Bashetty Shreya	Dr. N. Kalyani	Retina Capturing using portable device and classification of images for prevalence of eye disease	OK, to Proceed with work.
18		19251A05G2	Mudavath Saroja			
19		19251A05G5	Pallerla Sai Priya			
20		19251A05J0	Yada Vaishnavi			
21	C6	19251A05D5	Challa Sri Nikitha	Mr. B. Varnshi	Detection of Distracted Driver Using Convolutional Neural Network	*Suggested to justify the complexityand wee asked to focus on building the model using video.
22		19251A05E1	Gangula Sreya			
23		19251A05E4	G Sai Sindhuja			
24		19251A05E7	Hasan Nazneen			



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)
Department of Computer Science and Engineering
IV B.TECH. I SEM CSE-C Major Project Phase-1 PRC-1
BATCH : 2019-2023

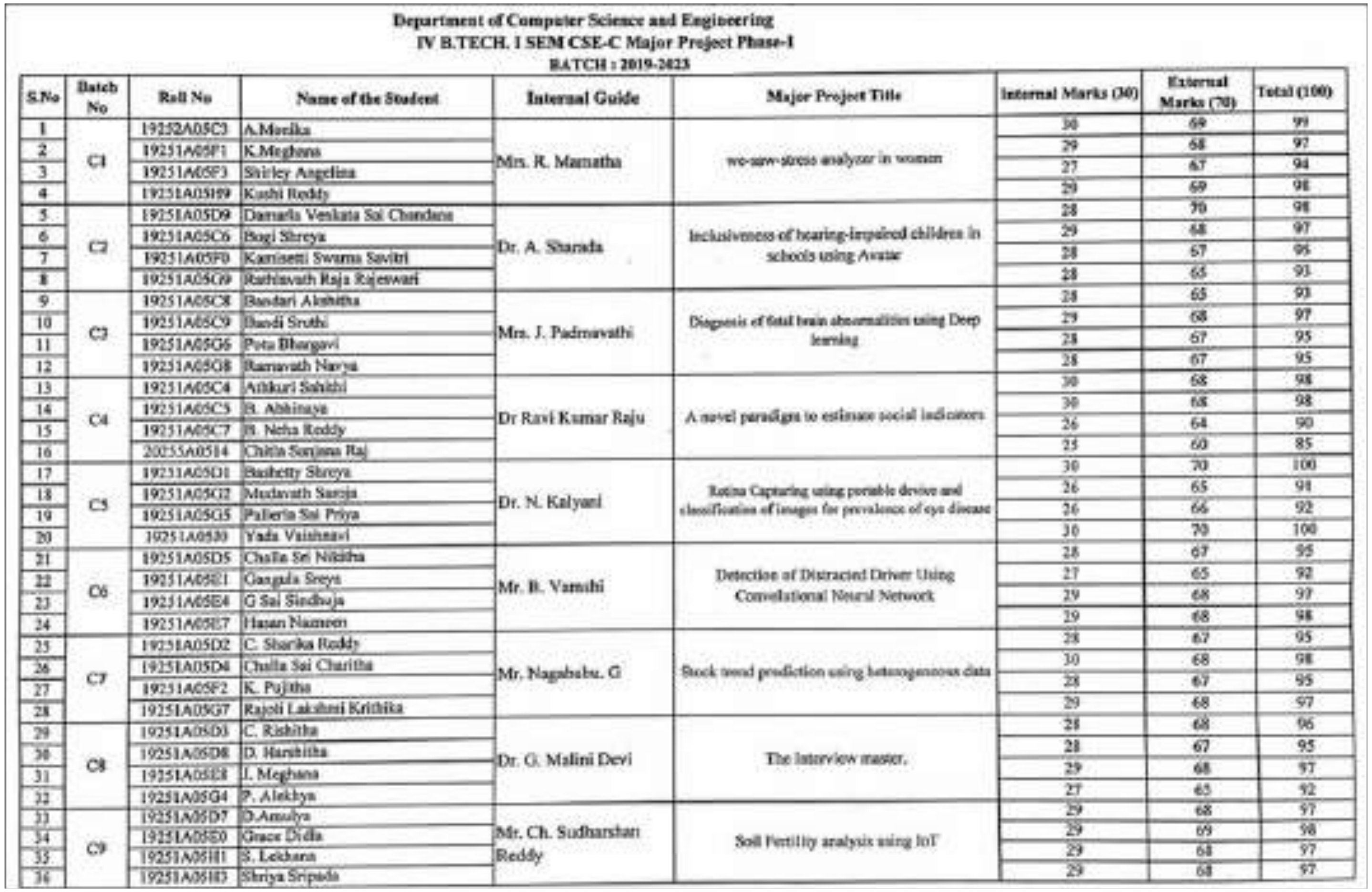
S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Remarks
25	C7	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Stock trend prediction using heterogeneous data	*Advised to fasten up the process of preprocessing he data correctly.
26		19251A05D4	Challa Sai Charitha			
27		19251A05F2	K. Pujitha			
28		19251A05G7	Rajoli Lakshmi Krithika			
29	C8	19251A05D3	C. Rishitha	Dr. G. Malini Devi	The Interview master.	*Advised to draw the correct architetcture based on proposed work and were suggested to estimate the size of video appropriately.
30		19251A05D8	D. Harshitha			
31		19251A05E8	J. Meghana			
32		19251A05G4	P. Alekhya			
33	C9	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility analysis using IoT	*OK, to Proceed with work.
34		19251A05E0	Grace Didla			
35		19251A05H1	S. Lekhana			
36		19251A05H3	Shriya Sripada			

Dr. D V Lalitha Parameswari
Dr B Sasidhar
Mrs. K Gnana Prasuna
Mrs K Sneha Reddy

Dr N. Kalyani
Major Project Coordinator

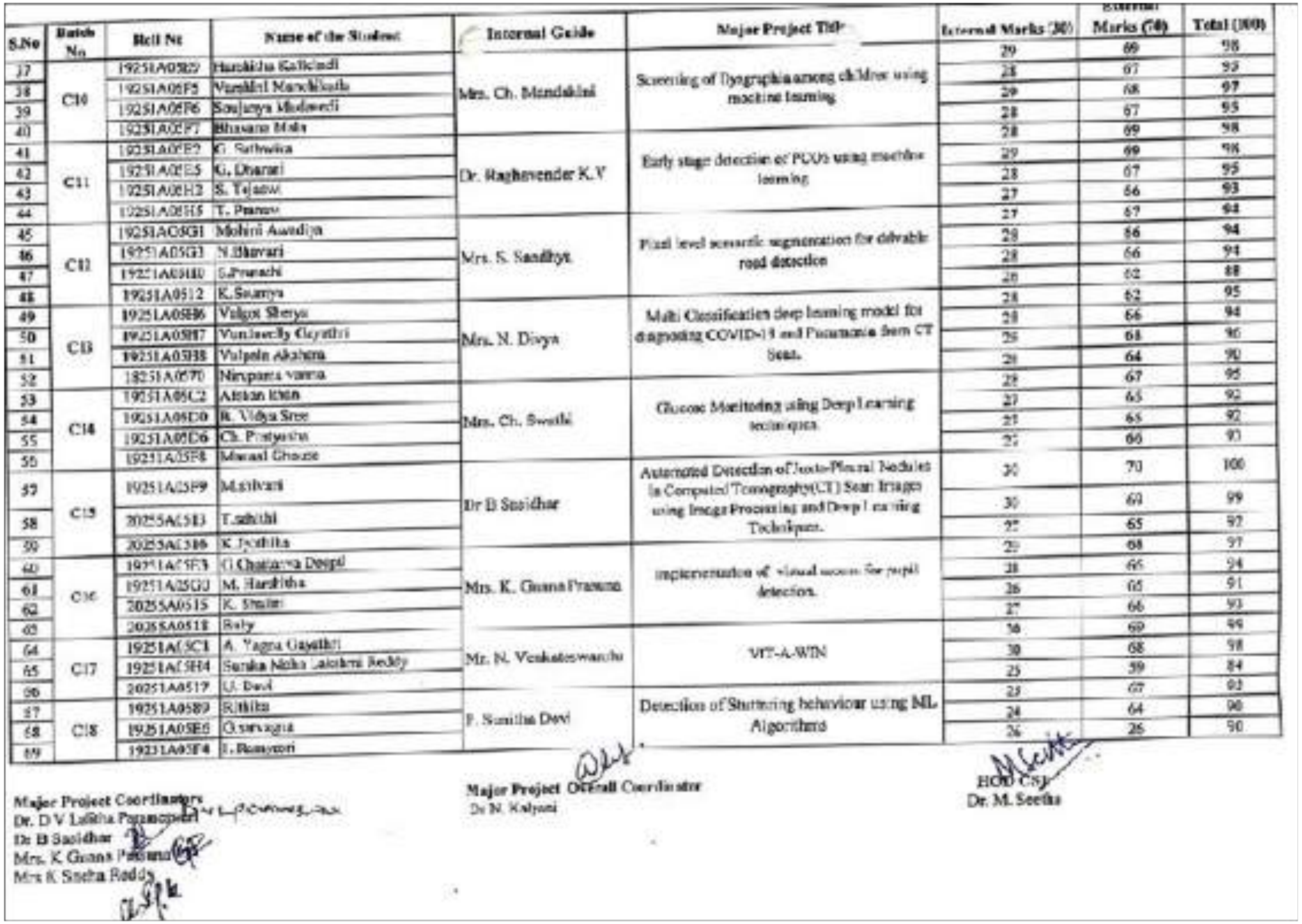
Dr. M. Seetha
HOD CSE

Figure 2.2.3.5: PRC Monitoring through Reviews



Department of Computer Science and Engineering
IV B.TECH. I SEM CSE-C Major Project Phase-I
BATCH : 2019-2023

S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Internal Marks (30)	External Marks (70)	Total (100)
1	C1	19252A05C3	A.Monika	Mrs. R. Mamatha	we-saw-stress analyzer in women	30	69	99
2		19251A05F1	K.Meghana			29	68	97
3		19251A05F3	Shirley Angelina			27	67	94
4		19251A05H9	Kushi Reddy			29	69	98
5	C2	19251A05D9	Damarla Venkata Sai Chandana	Dr. A. Sharada	Inclusiveness of hearing-impaired children in schools using Avatar	28	70	98
6		19251A05C6	Bogi Shreya			29	68	97
7		19251A05F0	Kamisetti Swarna Savitri			28	67	95
8		19251A05G9	Rathlavath Raja Rajeswari			28	65	93
9	C3	19251A05C8	Bandari Akshitha	Mrs. J. Padmavathi	Diagnosis of fetal brain abnormalities using Deep learning	28	65	93
10		19251A05C9	Bandi Sruthi			29	68	97
11		19251A05G6	Pota Bhargavi			28	67	95
12		19251A05G8	Ramavath Navya			28	67	95
13	C4	19251A05C4	Athkuri Sahithi	Dr Ravi Kumar Raju	A novel paradigm to estimate social indicators	30	68	98
14		19251A05C5	B. Abhinaya			30	68	98
15		19251A05C7	B. Neha Reddy			26	64	90
16		20255A0514	Chitla Sanjana Raj			25	60	85
17	C5	19251A05D1	Bashetty Shreya	Dr. N. Kalyani	Retina Capturing using portable device and classification of images for prevalence of eye disease	30	70	100
18		19251A05G2	Mudavath Saroja			26	65	91
19		19251A05G5	Palleria Sai Priya			26	66	92
20		19251A05J0	Yada Vaishnavi			30	70	100
21	C6	19251A05D5	Challa Sri Nikitha	Mr. B. Vamshi	Detection of Distracted Driver Using Convolutional Neural Network	28	67	95
22		19251A05E1	Gangula Sreya			27	65	92
23		19251A05E4	G Sai Sindhuja			29	68	97
24		19251A05E7	Hasan Nazneen			29	68	98
25	C7	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Stock trend prediction using heterogeneous data	28	67	95
26		19251A05D4	Challa Sai Charitha			30	68	98
27		19251A05F2	K. Pujitha			28	67	95
28		19251A05G7	Rajoli Lakshmi Krithika			29	68	97
29	C8	19251A05D3	C. Rishitha	Dr. G. Malini Devi	The Interview master.	28	68	96
30		19251A05D8	D. Harshitha			28	67	95
31		19251A05E8	J. Meghana			29	68	97
32		19251A05G4	P. Alekhya			27	65	92
33	C9	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility analysis using IoT	29	68	97
34		19251A05E0	Grace Dida			29	69	98
35		19251A05H1	S. Lekhana			29	68	97
36		19251A05H3	Shriya Sripada			29	68	97



S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Internal Marks (30)	External Marks (70)	Total (100)
37	C10	19251A05E9	Harshitha Kalkindi	Mrs. Ch. Mandakini	Screening of Dysgraphia among children using machine learning	29	69	98
38		19251A05F5	Varshini Manchikatla			28	67	95
39		19251A05F6	Soujanya Madawedi			29	68	97
40		19251A05F7	Bhavana Mala			28	67	95
41	C11	19251A05E7	G. Sathwika	Dr. Raghavender K.V	Early stage detection of PCOS using machine learning	28	69	98
42		19251A05E5	G. Dharani			29	69	98
43		19251A05H2	S. Tejaswi			28	67	95
44		19251A05H5	T. Pranav			27	66	93
45	C12	19251A05G1	Mohini Awadiya	Mrs. S. Sandhya	Pixel level semantic segmentation for drivable road detection	27	67	94
46		19251A05G3	N.Bhavani			28	66	94
47		19251A05H0	S.Pranachi			28	66	94
48		19251A0512	K.Saumya			26	62	88
49	C13	19251A05H6	Valgot Shreya	Mrs. N. Divya	Multi Classification deep learning model for diagnosing COVID-19 and Pneumonia from CT Scan.	28	62	95
50		19251A05H7	Vunnavelly Gayathri			28	66	94
51		19251A05H8	Vulpala Akshara			28	68	96
52		18251A0570	Nirupama varma			26	64	90
53	C14	19251A05C2	Afshan Khan	Mrs. Ch. Swathi	Glucose Monitoring using Deep Learning techniques.	28	67	95
54		19251A05D0	R. Vidya Sree			27	65	92
55		19251A05D6	Ch. Pratyusha			27	65	92
55		19251A05F8	Manaal Ghouse			27	66	93
57	C15	19251A05F9	M.shivani	Dr B Sasidhar	Automated Detection of Juxta-Pleural Nodules in Computed Tomography(CT) Scan Images using Image Processing and Deep Learning Techniques.	30	70	100
58		20255A0513	T.sahithi			30	69	99
59		20255A0516	K.Jyothika			27	65	92
60	C16	19251A05E3	G Chaitanya Deepti	Mrs. K. Gnana Prasuna	implementation of visual access for pupil detection.	29	68	97
61		19251A05G0	M. Harshitha			28	66	94
62		20255A0515	K. Shalini			26	65	91
63		20255A0518	Baby			27	66	93
64	C17	19251A05C1	A. Yagna Gayathri	Mr. N. Venkateswarulu	VIT-A-WIN	30	69	99
65		19251A05H4	Sunka Neha Lakshmi Reddy			30	68	98
66		20255A0517	U. Devi			25	59	84
67	C18	19251A05B9	Rithika	P. Sunitha Devi	Detection of Stuttering behaviour using ML Algorithms	25	67	92
68		19251A05E6	G.sravagna			24	64	90
69		19251A05F4	I. Ramyasri			26	26	90

Major Project Coordinators
Dr. D V Lalitha Parameswari
Dr B Sasidhar
Mrs. K Gnana Prasuna
Mrs K Sneha Reddy

Major Project Overall Coordinator
Dr N. Kalyani

HOD CSE
Dr. M. Seetha

Figure 2.2.3.6: Snapshot of Final Evaluation in Phase -I

Table 2.2.3.31 represent the data of Rubrics mapped with PO's/PSO's and CO's.Table 2.2.3.32 gives the data of CO & PO attainment.Tables 2.2.3.33 and 2.2.3.34 shows the Assessment for Continuous Internal Evaluation during reviews. Rubrics are listed for evaluating Project work in CIE for Phase-I and Phase-II for R18 Regulation.

- Requirement Analysis
- Literature Survey
- Design
- Implementation
- Project Documentation Delivery.

Table 2.2.3.31: Rubrics mapping with PO's/ PSO's & CO's.

Rubrics	Requirement Analysis	Literature Survey	Design	Implementation	Project Documentation Delivery
PO's / PSO's	PO1,PO2,PO6, PO7,PSO1,PSO2	PO1,PO2,,PO9, ,PO12,PSO1,PSO2	PO1,PO2,PO3, PO9,PO11,PSO1, PSO2	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PO12,PSO1,PSO2	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9, PO10,PO11,PO12,PSO1,PSO2
CO's	CO1,CO2	CO1,CO2	CO2,CO3,CO4	CO4,CO5,CO6	CO1,CO2,CO3,CO4,CO5,CO6

Table 2.2.3.32: CO & PO attainment of Major Projects

Academic Year	CO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2019-2023	2.93	2.93	2.55	2.15	2.34	2.28	2.15	2.28	2.28	2.93	2.12	2.12	2.44	2.28	1.79
2018-2022	3	2.40	2.50	2.20	2.40	2.33	2.20	2.33	2.33	3.00	2.17	2.17	2.50	2.33	1.83
2017-2021	3	2.34	2.33	2.50	-	2.00	-	2.50	1.67	2.50	2.00	2.00	2.50	2	-

Table2.2.3.33: Project Phase-I, Assessment for Continuous Internal Evaluation during reviews (Review-1,2)

Review 1,2	Course Code PW11761	Requirement Analysis	Literature Survey	Design	Implementation	Project Documentation Delivery
		6M	6M	6M	6M	6M
		COs- CO1,CO2	**COs-** CO1,CO2	**COs-** CO2,CO3, CO4	**COs-** CO4,CO5,CO6	**COs-** CO1,CO2,CO3, CO4,CO5,CO6

	List of Course Outcomes: **CO1:** To synthesize the problems and frame a problem statement based on the research or societal needs in the area of interest. **CO2:** To gain knowledge of existing system necessary for proposed work. **CO3:** To modularize and integrate the modules of the project. **CO4:** To develop solutions for contemporary problems using modern engineering tools for sustainable development. **CO5:** To demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society. **CO6:** To understand and document the engineering, finance and management principles for the selected project work.

Table2.2.3.34: Project Phase-II, Assessment for Continuous Internal Evaluation during reviews (Review-3, 4)

Review 3,4	**Course Code** PW11863	**Requirement Analysis**	**Literature Survey**	**Design**	**Implementation**	**Project Documentation Delivery**
		6M	6M	6M	6M	6M
		COs- CO1,CO2	**COs-** CO1,CO2	**COs-** CO2,CO3, CO4	**COs-** CO4,CO5,CO6	**COs-** CO1,CO2,CO3, CO4,CO5,CO6

	List of Course Outcomes: **CO1:** To synthesize the problems and frame a problem statement based on the research or societal needs in the area of interest. **CO2:** To gain knowledge of existing system necessary for proposed work. **CO3:** To modularize and integrate the modules of the project. **CO4:** To develop solutions for contemporary problems using modern engineering tools for sustainable development. **CO5:** To demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society. **CO6:** To understand and document the engineering, finance and management principles for the selected project work.

Assessment Procedure adopted for Continuous Internal Evaluation (CIE) by Supervisor.

The procedure for the internal review and evaluation of project work is meticulously structured to ensure thorough scrutiny and validation at various stages. Formulation of the problem statement related to various applications like Industry / Domain / Societal / Research.

- Systematic review with clear expression of existing system, identification of gaps, challenges towards the proposed system.
- Detailing the project work design methodology and choice of investigation route, highlighting the novelty
- Implementation of the project objectives
- Validation of results and outcomes of the projects
- Purposeful presentations followed by project report submission and publication efforts.

Formulation of the problem statement related to various applications like Industry / Domain / Societal / Research: The project work starts with formulating the problem statement and clearly defining a problem related to various applications related to industry, societal, or research domains, ensuring the projects relevance and potential impact.

Systematic review with clear expression of existing system, identification of gaps, challenges towards the proposed system: A systematic review meticulously is conducted to clearly evaluate an existing system, in terms of its strengths and limitations. This stage methodically identifies the gaps and challenges, offering a comprehensive understanding of areas of improvement or further research.

Detailing the project work design methodology and highlighting the novelty: The project work methodology is detailed, outlining the chosen route of investigation. This includes a justification for the approach taken, emphasizing its effectiveness in exploring the research objective and highlighting the projects innovative aspects.

Implementation of the project objectives: The project objectives are implemented in a modular fashion, allowing for focused development and easier assessment of each component. This strategy enhances the manageability and adaptability of the project.

Validation of results and outcomes of the projects: Rigorous validation of the projects results and outcomes is carried out to ensure their reliability and relevance. This critical step confirms the projects contributions and significance to the field.

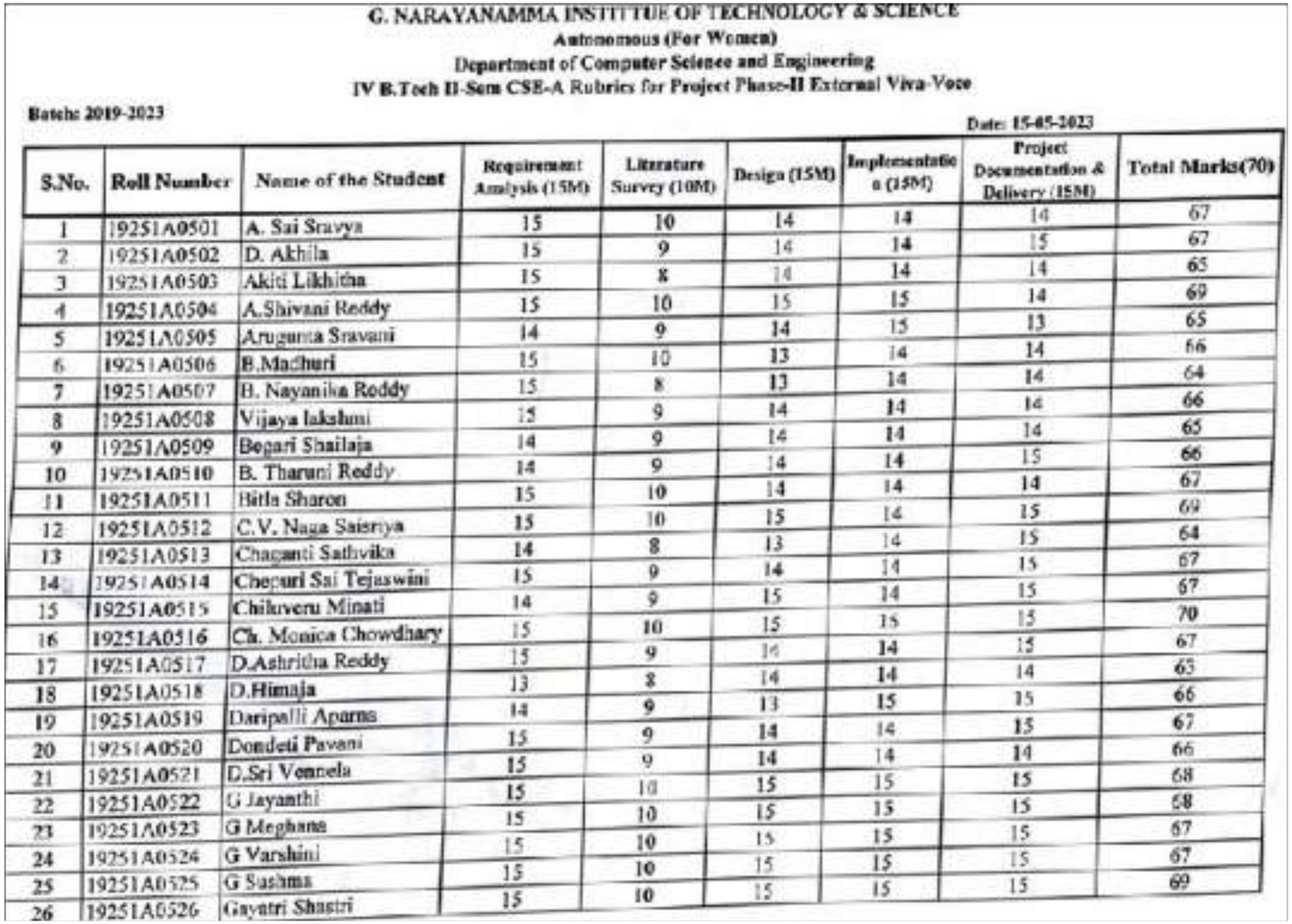
Purposeful presentations followed by project report submission and publication efforts: The research findings are communicated through purposeful presentations, followed by the submission of a detailed project report. This ensures clear dissemination of the projects value and insights. Efforts are made to publish the work, aiming to share the projects contributions with a broader audience. This extends the projects reach and impact, benefiting both the academic community and relevant industries.

Table 2.2.3.35 shows the Assessment for Semester End Exam(SEE) for Phase-I and Phase-II. Rubrics are listed for evaluating Project work in SEE for Phase-I and Phase-II. Figure 2.2.3.7 represents Snapshot of Final Evaluation Sheet for Phase-2 mapped with listed Rubrics & evaluation done by External Examiner.

- Requirement Analysis
- Literature Survey
- Design
- Implementation
- Project Documentation Delivery.

Table 2.2.3.35: Assessment for Semester End Exam(SEE) Phase-I and Phase-II.

External Viva Voce	**Course Code** PW11863	**Requirement Analysis**	**Literature Survey**	**Design**	**Implementation**	**Project Documentation Delivery**
		15M	10M	15M	15M	15M
		COs- CO1,CO2	**COs-** CO1,CO2	**COs-** CO2,CO3, CO4	**COs-** CO4,CO5,CO6	**COs-** CO1,CO2,CO3, CO4,CO5,CO6
		List of Course Outcomes: **CO1:** To synthesize the problems and frame a problem statement based on the research or societal needs in the area of interest. **CO2:** To gain knowledge of existing system necessary for proposed work. **CO3:** To modularize and integrate the modules of the project. **CO4:** To develop solutions for contemporary problems using modern engineering tools for sustainable development. **CO5:** To demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society. **CO6:** To understand and document the engineering, finance and management principles for the selected project work.				

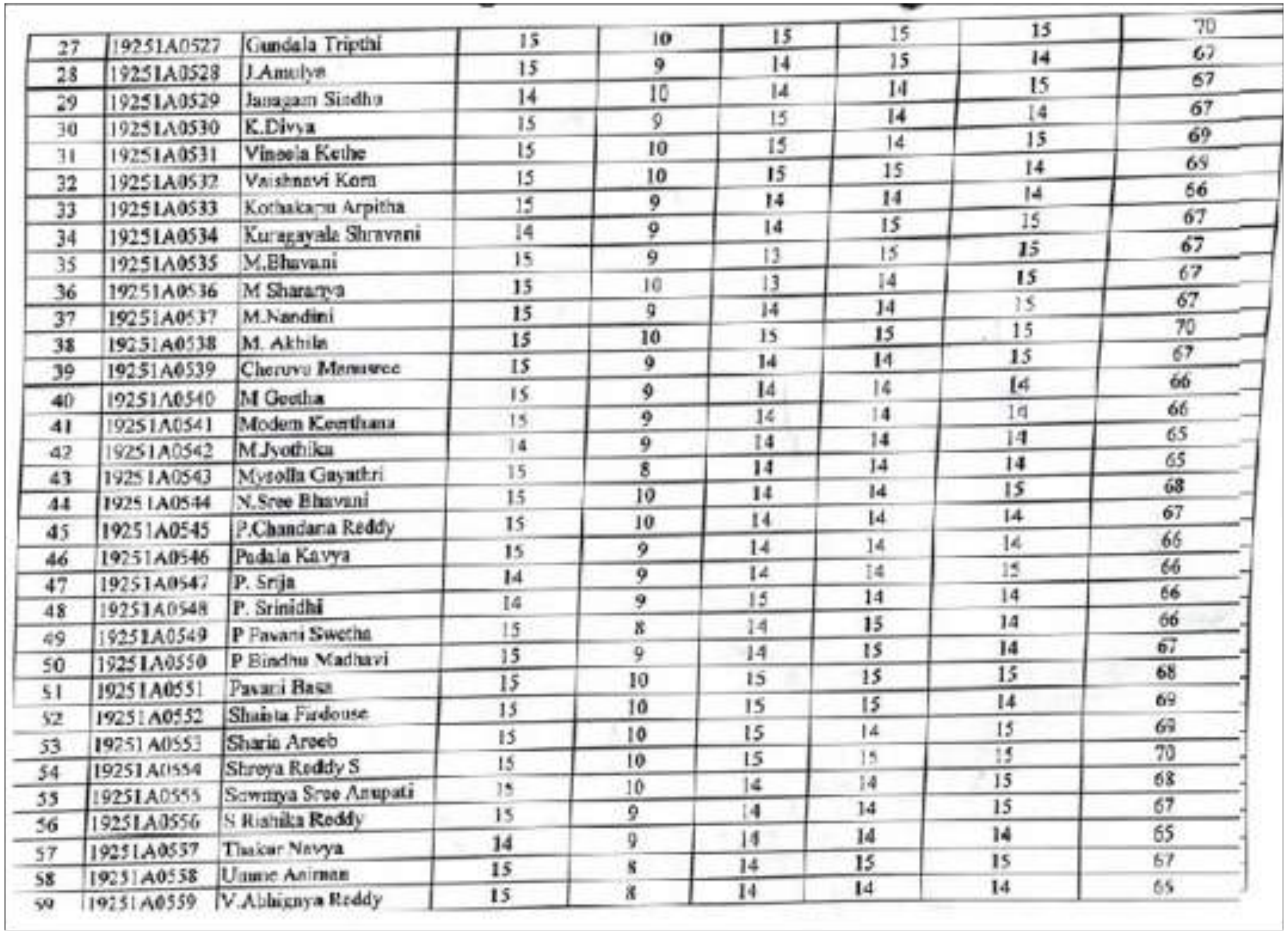


G. NARAYANAMMA INSTITTUE OF TECHNOLOGY & SCIENCE
Autonomous (For Women)
Department of Computer Science and Engineering
IV B.Tech II-Sem CSE-A Rubrics for Project Phase-II External Viva-Voce

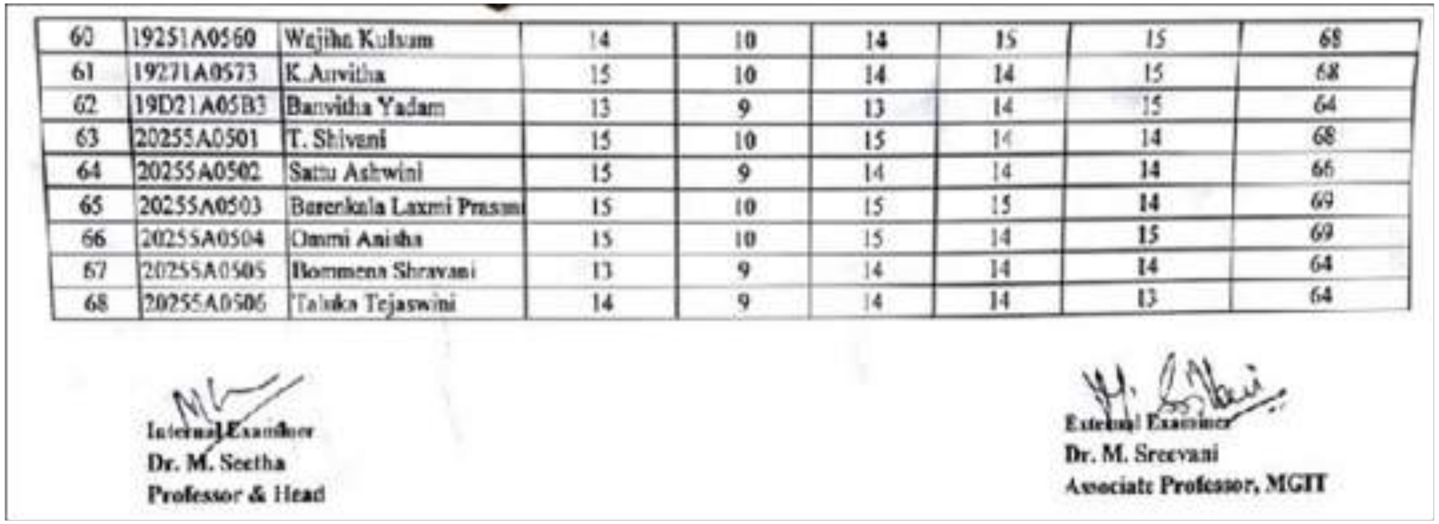
Batch: 2019-2023

Date: 15-05-2023

S.No.	Roll Number	Name of the Student	Requirement Analysis (15M)	Literature Survey (10M)	Design (15M)	Implementation (15M)	Project Documentation & Delivery (15M)	Total Marks(70)
1	19251A0501	A. Sai Sravya	15	10	14	14	14	67
2	19251A0502	D. Akhila	15	9	14	14	15	67
3	19251A0503	Akiti Likhitha	15	8	14	14	14	65
4	19251A0504	A.Shivani Reddy	15	10	15	15	14	69
5	19251A0505	Arugunta Sravani	14	9	14	15	13	65
6	19251A0506	B.Madhuri	15	10	13	14	14	66
7	19251A0507	B. Nayanika Reddy	15	8	13	14	14	64
8	19251A0508	Vijaya lakshmi	15	9	14	14	14	66
9	19251A0509	Begari Shailaja	14	9	14	14	14	65
10	19251A0510	B. Tharuni Reddy	14	9	14	14	15	66
11	19251A0511	Bitla Sharon	15	10	14	14	14	67
12	19251A0512	C.V. Naga Saisriya	15	10	15	14	15	69
13	19251A0513	Chaganti Sathvika	14	8	13	14	15	64
14	19251A0514	Chepuri Sai Tejaswini	15	9	14	14	15	67
15	19251A0515	Chiluveru Minati	14	9	15	14	15	67
16	19251A0516	Ch. Monica Chowdhary	15	10	15	15	15	70
17	19251A0517	D.Ashritha Reddy	15	9	14	14	15	67
18	19251A0518	D.Himaja	13	8	14	14	14	63
19	19251A0519	Daripalli Aparna	14	9	13	15	15	66
20	19251A0520	Dondeti Pavani	15	9	14	14	15	67
21	19251A0521	D.Sri Vennela	15	9	14	14	14	66
22	19251A0522	G Jayanthi	15	10	15	15	15	68
23	19251A0523	G Meghana	15	10	15	15	15	68
24	19251A0524	G Varshini	15	10	15	15	15	67
25	19251A0525	G Sushma	15	10	15	15	15	67
26	19251A0526	Gayatri Shastri	15	10	15	15	15	69



27	19251A0527	Gundala Tripthi	15	10	15	15	15	70
28	19251A0528	J.Amulya	15	9	14	15	14	67
29	19251A0529	Janagam Sindhu	14	10	14	14	15	67
30	19251A0530	K.Divya	15	9	15	14	14	67
31	19251A0531	Vineela Kethe	15	10	15	14	15	69
32	19251A0532	Vaishnavi Kora	15	10	15	15	14	69
33	19251A0533	Kothakapu Arpitha	15	9	14	14	14	66
34	19251A0534	Kuragayala Shravani	14	9	14	15	15	67
35	19251A0535	M.Bhavani	15	9	13	15	15	67
36	19251A0536	M Sharanya	15	10	13	14	15	67
37	19251A0537	M.Nandini	15	9	14	14	15	67
38	19251A0538	M. Akhila	15	10	15	15	15	70
39	19251A0539	Cheruvu Manasree	15	9	14	14	15	67
40	19251A0540	M Geetha	15	9	14	14	14	66
41	19251A0541	Modem Keerthana	15	9	14	14	14	66
42	19251A0542	M.Jyothika	14	9	14	14	14	65
43	19251A0543	Mysolla Gayathri	15	8	14	14	14	65
44	19251A0544	N.Sree Bhavani	15	10	14	14	15	68
45	19251A0545	P.Chandana Reddy	15	10	14	14	14	67
46	19251A0546	Padala Kavya	15	9	14	14	14	66
47	19251A0547	P. Srija	14	9	14	14	15	66
48	19251A0548	P. Srinidhi	14	9	15	14	14	66
49	19251A0549	P Pavani Swetha	15	8	14	15	14	66
50	19251A0550	P Bindhu Madhavi	15	9	14	15	14	67
51	19251A0551	Pavani Basa	15	10	15	15	15	68
52	19251A0552	Shaista Firdouse	15	10	15	15	14	69
53	19251A0553	Sharia Areeb	15	10	15	14	15	69
54	19251A0554	Shreya Reddy S	15	10	15	15	15	70
55	19251A0555	Sowmya Sree Anupati	15	10	14	14	15	68
56	19251A0556	S Rishika Reddy	15	9	14	14	15	67
57	19251A0557	Thakur Navya	14	9	14	14	14	65
58	19251A0558	Umme Aiman	15	8	14	15	15	67
59	19251A0559	V.Abhignya Reddy	15	8	14	14	14	65



60	19251A0560	Wajiha Kulsum	14	10	14	15	15	68
61	19271A0573	K.Anvitha	15	10	14	14	15	68
62	19D21A05B3	Banvitha Yadam	13	9	13	14	15	64
63	20255A0501	T. Shivani	15	10	15	14	14	68
64	20255A0502	Sattu Ashwini	15	9	14	14	14	66
65	20255A0503	Barenkala Laxmi Prasan	15	10	15	15	14	69
66	20255A0504	Ommi Anisha	15	10	15	14	15	69
67	20255A0505	Bommena Shravani	13	9	14	14	14	64
68	20255A0506	Taluka Tejaswini	14	9	14	14	13	64

Internal Examiner
Dr. M. Seetha
Professor & Head

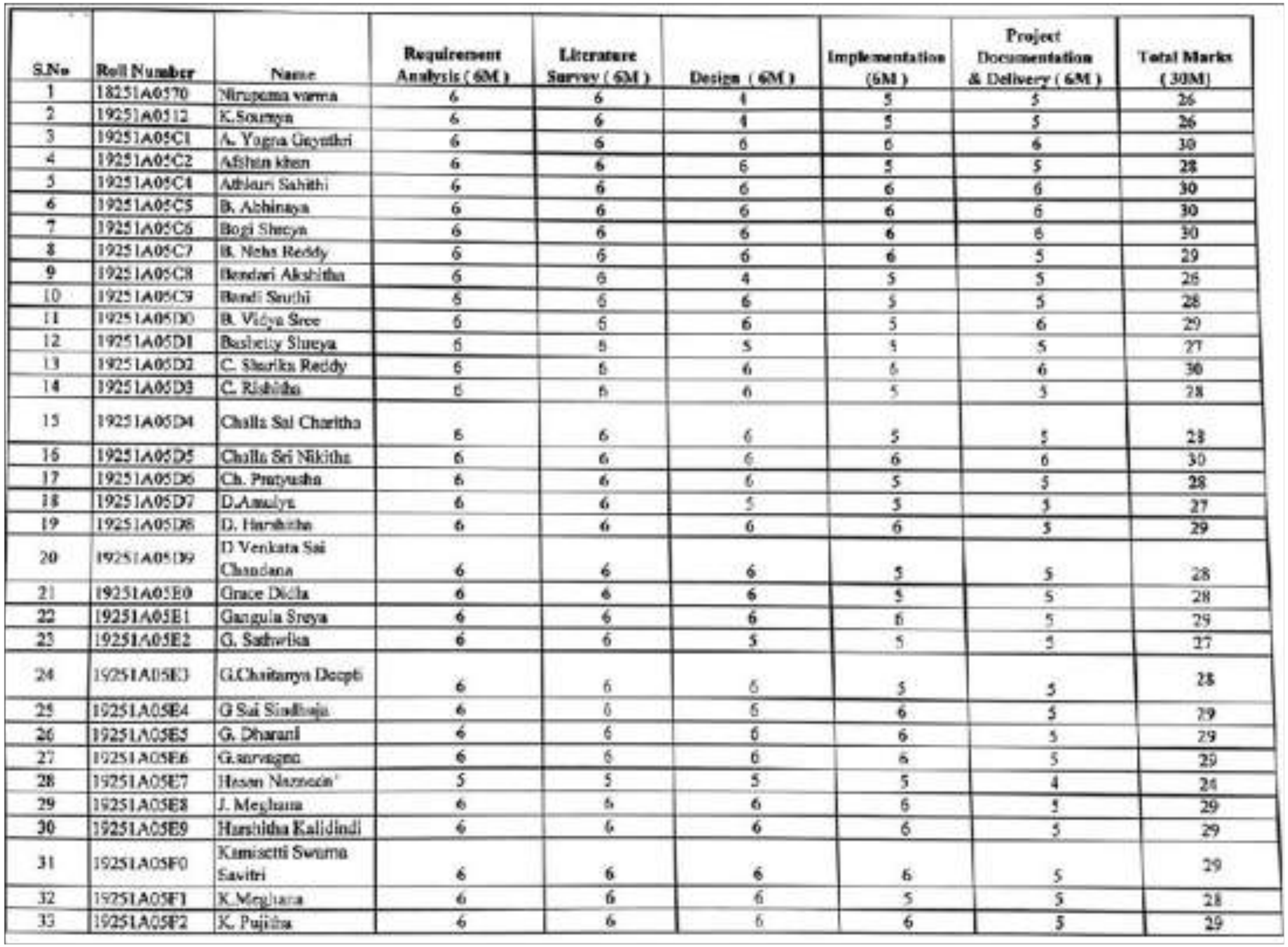
External Examiner
Dr. M. Sreevani
Associate Professor, MGIT

Figure 2.2.3.7. Snapshot of Final Evaluation Sheet for Phase-2 mapped with listed Rubrics & evaluation done by External Examiner.

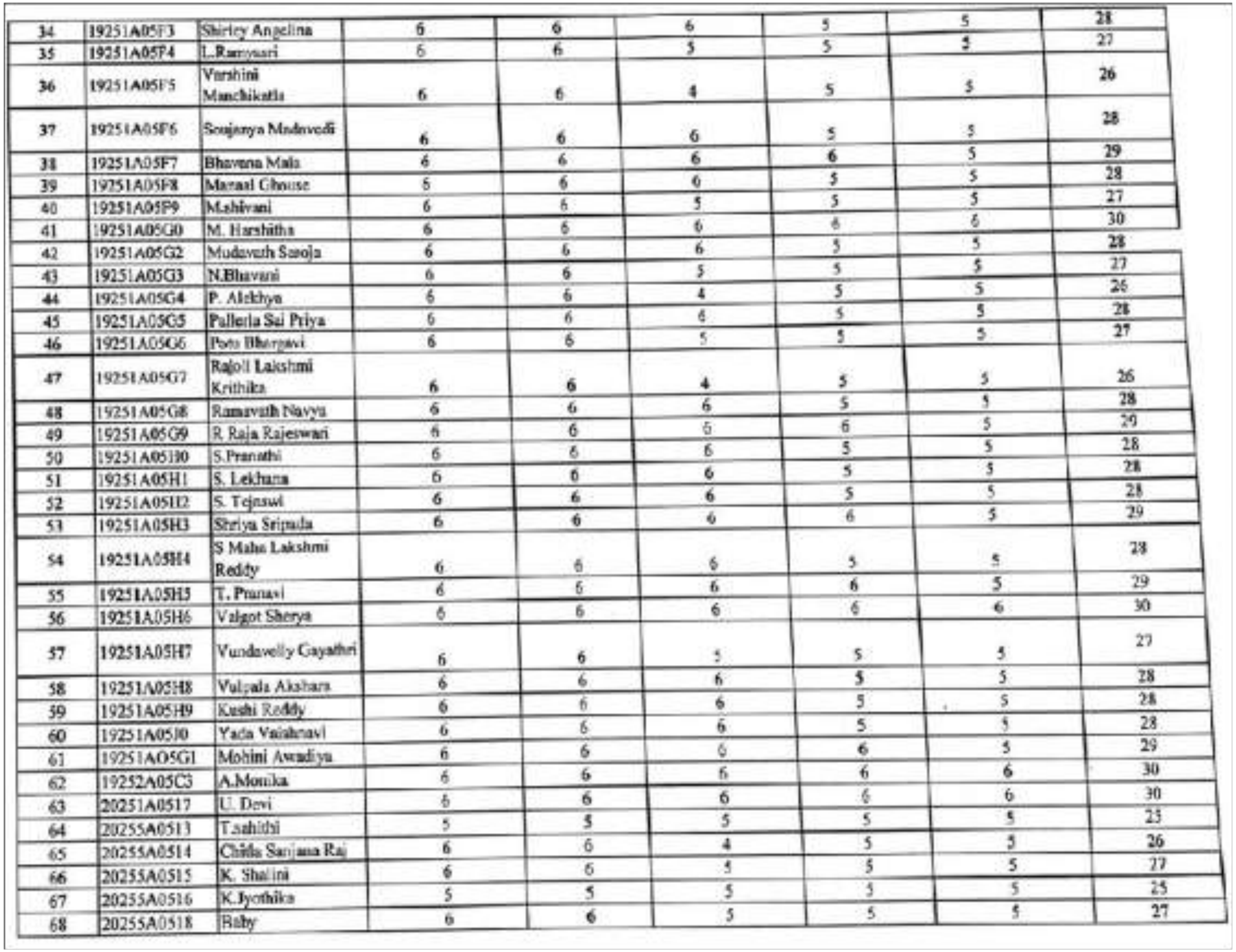
E. Process to assess individual and Team Performance:

The project review committee and project supervisor assesses the individual and team performance by continuous reviews and semester end viva-voce examination. Figure 2.2.3.8 represents Individual Assessment while 2.2.3.9 gives the the team evaluation snapshot.The assessment of final year students' project work is done considering following criteria:

- Definition of Problem Statement
- Objectives & Modules
- Inferences from Literature Review, Comparisons between existing and proposed system
- Usefulness & Societal Applications / Industry and Plan of Action
- Content & Relevance, Design & Analysis
- Implementation
- Presentation, End Result
- Documentation, Paper Publications/Patents, Questionnaire.

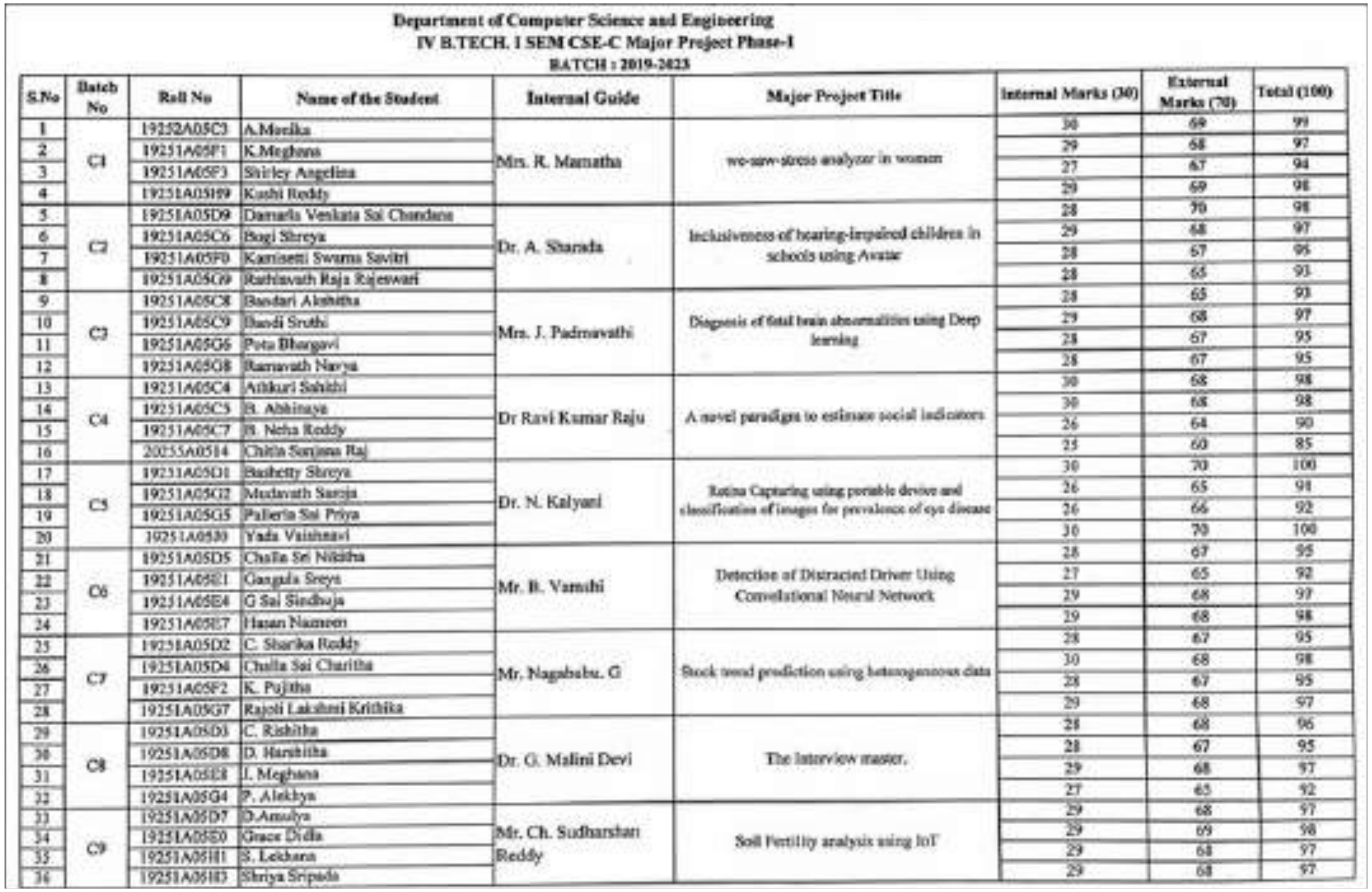


S.No	Roll Number	Name	Requirement Analysis (6M)	Literature Survey (6M)	Design (6M)	Implementation (6M)	Project Documentation & Delivery (6M)	Total Marks (30M)
1	18251A0570	Nirupama varma	6	6	4	5	5	26
2	19251A0512	K.Soumya	6	6	4	5	5	26
3	19251A05C1	A. Yogna Gayathri	6	6	6	6	6	30
4	19251A05C2	Afshan khan	6	6	6	5	5	28
5	19251A05C4	Athkuri Sahithi	6	6	6	6	6	30
6	19251A05C5	B. Abhinaya	6	6	6	6	6	30
7	19251A05C6	Bogi Shreya	6	6	6	6	6	30
8	19251A05C7	B. Neha Reddy	6	6	6	6	5	29
9	19251A05C8	Bendari Akshitha	6	6	4	5	5	26
10	19251A05C9	Bandi Sruthi	6	6	6	5	5	28
11	19251A05D0	B. Vidya Sree	6	6	6	5	6	29
12	19251A05D1	Bashetty Shreya	6	6	5	5	5	27
13	19251A05D2	C. Sharika Reddy	6	6	6	6	6	30
14	19251A05D3	C. Rishitha	6	6	6	5	5	28
15	19251A05D4	Challa Sai Charitha	6	6	6	5	5	28
16	19251A05D5	Challa Sri Nikitha	6	6	6	6	6	30
17	19251A05D6	Ch. Pratyusha	6	6	6	5	5	28
18	19251A05D7	D.Amulya	6	6	5	5	5	27
19	19251A05D8	D. Harshitha	6	6	6	6	5	29
20	19251A05D9	D Venkata Sai Chandana	6	6	6	5	5	28
21	19251A05E0	Grace Didla	6	6	6	5	5	28
22	19251A05E1	Gangula Sreya	6	6	6	6	5	29
23	19251A05E2	G. Sathwika	6	6	5	5	5	27
24	19251A05E3	G.Chaitanya Deepti	6	6	6	5	5	28
25	19251A05E4	G Sai Sindhuja	6	6	6	6	5	29
26	19251A05E5	G. Dharani	6	6	6	6	5	29
27	19251A05E6	G.anvagna	6	6	6	6	5	29
28	19251A05E7	Hasan Nazneen'	5	5	5	5	4	24
29	19251A05E8	J. Meghana	6	6	6	6	5	29
30	19251A05E9	Harshitha Kalidindi	6	6	6	6	5	29
31	19251A05F0	Kamisetti Swarna Savitri	6	6	6	6	5	29
32	19251A05F1	K.Meghana	6	6	6	5	5	28
33	19251A05F2	K. Pujitha	6	6	6	6	5	29



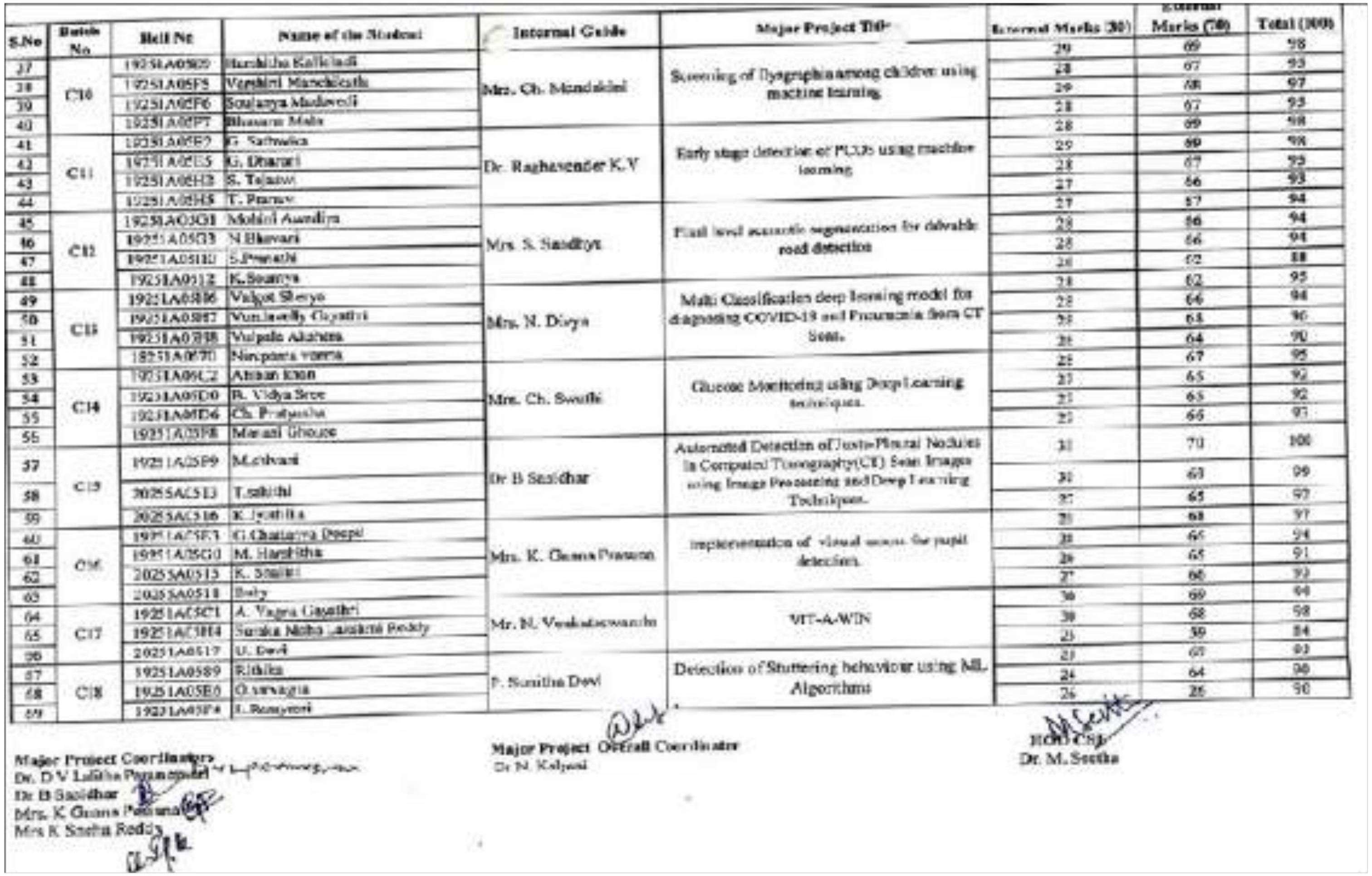
34	19251A05F3	Shirley Angelina	6	6	6	5	5	28
35	19251A05F4	L.Ramyasri	6	6	5	5	5	27
36	19251A05F5	Varshini Manchikatla	6	6	4	5	5	26
37	19251A05F6	Soujanya Madavedi	6	6	6	5	5	28
38	19251A05F7	Bhavana Mala	6	6	6	6	5	29
39	19251A05F8	Marzal Ghouse	5	6	6	5	5	28
40	19251A05F9	Mahivani	6	6	5	5	5	27
41	19251A05G0	M. Harshitha	6	6	6	6	6	30
42	19251A05G2	Mudavath Saroja	6	6	6	5	5	28
43	19251A05G3	N.Bhavani	6	6	5	5	5	27
44	19251A05G4	P. Alekhya	6	6	4	5	5	26
45	19251A05G5	Palleria Sai Priya	6	6	6	5	5	28
46	19251A05G6	Poto Bhargavi	6	6	5	5	5	27
47	19251A05G7	Rajoli Lakshmi Krithika	6	6	4	5	5	26
48	19251A05G8	Ramavath Navya	6	6	6	5	5	28
49	19251A05G9	R Raja Rajeswari	6	6	6	6	5	29
50	19251A05H0	S.Pranathi	6	6	6	5	5	28
51	19251A05H1	S. Lekhana	6	6	6	5	5	28
52	19251A05H2	S. Tejaswi	6	6	6	5	5	28
53	19251A05H3	Shriya Sripada	6	6	6	6	5	29
54	19251A05H4	S Maha Lakshmi Reddy	6	6	6	5	5	28
55	19251A05H5	T. Pranavi	6	6	6	6	5	29
56	19251A05H6	Valgot Sherya	6	6	6	6	6	30
57	19251A05H7	Vundavelly Gayathri	6	6	5	5	5	27
58	19251A05H8	Vulpala Akshara	6	6	6	5	5	28
59	19251A05H9	Kushi Reddy	6	6	6	5	5	28
60	19251A05J0	Yada Vaishnavi	6	6	6	5	5	28
61	19251A05G1	Mohini Awadiya	6	6	6	6	5	29
62	19252A05C3	A.Monika	6	6	6	6	6	30
63	20251A0517	U. Devi	6	6	6	6	6	30
64	20255A0513	T.sahithi	5	5	5	5	5	23
65	20255A0514	Chilla Sanjana Raj	6	6	4	5	5	26
66	20255A0515	K. Shalini	6	6	5	5	5	27
67	20255A0516	K.Jyothika	5	5	5	5	5	25
68	20255A0518	Baby	6	6	5	5	5	27

Figure 2.2.3.8: Individual Performance evaluation by PRC for Phase-1



Department of Computer Science and Engineering
IV B.TECH. I SEM CSE-C Major Project Phase-I
BATCH : 2019-2023

S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Internal Marks (30)	External Marks (70)	Total (100)
1	C1	19252A05C3	A.Monika	Mrs. R. Mamatha	we-saw-stress analyzer in women	30	69	99
2		19251A05F1	K.Meghana			29	68	97
3		19251A05F3	Shirley Angelina			27	67	94
4		19251A05H9	Kushi Reddy			29	69	98
5	C2	19251A05D9	Damarla Venkata Sai Chandana	Dr. A. Sharada	Inclusiveness of hearing-impaired children in schools using Avatar	28	70	98
6		19251A05C6	Bogi Shreya			29	68	97
7		19251A05F0	Kamisetti Swarna Savitri			28	67	95
8		19251A05G9	Rathlavath Raja Rajeswari			28	65	93
9	C3	19251A05C8	Bandari Akshitha	Mrs. J. Padmavathi	Diagnosis of fetal brain abnormalities using Deep learning	28	65	93
10		19251A05C9	Bandi Sruthi			29	68	97
11		19251A05G6	Pota Bhargavi			28	67	95
12		19251A05G8	Ramavath Navya			28	67	95
13	C4	19251A05C4	Atikuri Sahithi	Dr Ravi Kumar Raju	A novel paradigm to estimate social indicators	30	68	98
14		19251A05C5	B. Abhinaya			30	68	98
15		19251A05C7	B. Neha Reddy			26	64	90
16		20255A0514	Chitla Sanjana Raj			25	60	85
17	C5	19251A05D1	Bashetty Shreya	Dr. N. Kalyani	Retina Capturing using portable device and classification of images for prevalence of eye disease	30	70	100
18		19251A05G2	Mudavath Saroja			26	65	91
19		19251A05G5	Pallerla Sai Priya			26	66	92
20		19251A05J0	Yada Vaishnavi			30	70	100
21	C6	19251A05D5	Challa Sri Nikitha	Mr. B. Vamshi	Detection of Distracted Driver Using Convolutional Neural Network	28	67	95
22		19251A05E1	Gangula Sreya			27	65	92
23		19251A05E4	G Sai Sindhuja			29	68	97
24		19251A05E7	Hasan Nasreen			29	68	98
25	C7	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Stock trend prediction using heterogeneous data	28	67	95
26		19251A05D4	Challa Sai Charitha			30	68	98
27		19251A05F2	K. Pujitha			28	67	95
28		19251A05G7	Rajoli Lakshmi Krithika			29	68	97
29	C8	19251A05D3	C. Rishitha	Dr. G. Malini Devi	The Interview master.	28	68	96
30		19251A05D8	D. Harshitha			28	67	95
31		19251A05E3	J. Meghana			29	68	97
32		19251A05G4	P. Alekhya			27	65	92
33	C9	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility analysis using IoT	29	68	97
34		19251A05E0	Grace Didla			29	69	98
35		19251A05H1	S. Lekhana			29	68	97
36		19251A05H3	Shriya Sripada			29	68	97



S.No	Batch No	Roll No	Name of the Student	Internal Guide	Major Project Title	Internal Marks (30)	External Marks (70)	Total (100)
37	C10	1925IA05K9	Harshitha Kallkadi	Mrs. Ch. Mandakini	Screening of Dysgraphia among children using machine learning	29	69	98
38		1925IA05F5	Varshini Manchikatla			28	67	93
39		1925IA05F6	Soujanya Madavedi			29	68	97
40		1925IA05F7	Bhavani Mala			28	67	95
41	C11	1925IA05E7	G. Sathwika	Dr. Raghavender K.V	Early stage detection of PCOS using machine learning	28	69	98
42		1925IA05E5	G. Dharani			29	69	98
43		1925IA05H2	S. Tejasvi			28	67	95
44		1925IA05H5	T. Pranav			27	66	93
45	C12	1925IA03G1	Mohini Aaudiya	Mrs. S. Sandhya	Pixel level semantic segmentation for drivable road detection	27	67	94
46		1925IA05G3	N.Bhavani			28	66	94
47		1925IA05H0	S.Pranathi			28	66	94
48		1925IA0512	K.Soumya			28	62	88
49	C13	1925IA05B6	Valgot Shreya	Mrs. N. Divya	Multi Classification deep learning model for diagnosing COVID-19 and Pneumonia from CT Scan.	28	62	95
50		1925IA05B7	Vunnavelly Gayathri			28	66	94
51		1925IA07B8	Vulpala Akshara			33	63	96
52		1825IA0670	Nanpara varma			28	64	90
53	C14	1925IA05C2	Afnan Khan	Mrs. Ch. Swathi	Glucose Monitoring using Deep Learning techniques.	25	67	95
54		1925IA05D0	B. Vidya Sree			27	65	92
55		1925IA05D6	Ch. Pratyusha			25	65	92
55		1925IA05F8	Manasi Ghouse			25	66	93
57	C15	1925IA05F9	M.shivani	Dr B Sasidhar	Automated Detection of Juxta-Pleural Nodules in Computed Tomography(CT) Scan Images using Image Processing and Deep Learning Techniques.	31	70	100
58		2025SA0513	T.sahithi			31	63	99
59		2025SA0516	K.Jyothika			32	65	97
60	C16	1925IA05E3	G.Chaitanya Deepti	Mrs. K. Gnana Prasuna	implementation of visual [illegible] for pupil detection.	29	68	97
61		1925IA05G0	M. Harshitha			30	65	94
62		2025SA0515	K. Shalini			26	65	91
63		2025SA0518	Baby			27	66	93
64	C17	1925IA05C1	A. Yagna Gayathri	Mr. N. Venkateswarulu	VIT-A-WIN	30	69	99
65		1925IA05H4	Suraka Nitha Lakshmi Reddy			30	68	98
66		2025IA0517	U. Devi			25	59	84
67	C18	1925IA0589	Rithika	P. Sunitha Devi	Detection of Stuttering behaviour using ML Algorithms	27	65	93
68		1925IA05E0	O.sravagna			24	64	98
69		1925IA05F4	I. Ramyasri			26	26	90

Major Project Coordinators
Dr. D V Lalitha Parameswari
Dr B Sasidhar
Mrs. K Gnana Prasuna
Mrs K Sneha Reddy

Major Project Overall Coordinator
Dr N. Kalyani

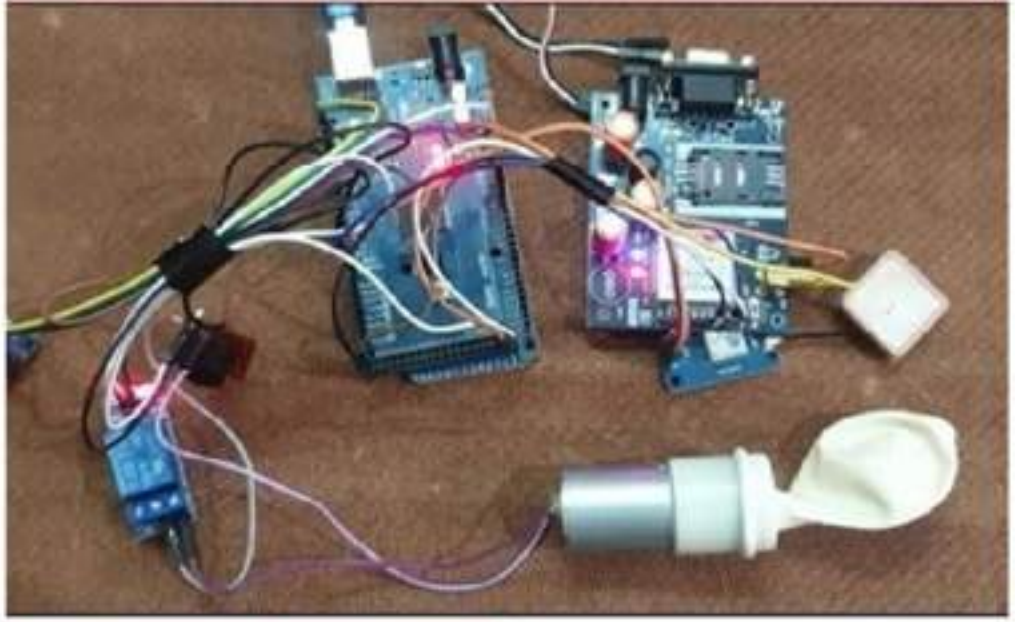
HOD CSE
Dr. M. Seetha

Figure 2.2.3.9 Team Performance evaluation by PRC, Supervisor & final evaluation done for Phase-1

F. Quality of completed projects/working prototypes (5)

Quality of place (host) where the paper has been published /quality of competition in which award has been won. Figure 2.2.3.10 represents the working prototypes of projects developed by students. Table 2.2.3.36 shows the summary of number of projects, paper publications, patents published and award winning projects for the respective academic years. Mean while tables 2.2.3.37 to 2.2.3.39 represent the summary of paper publication in academic years of 2023-2024,AY: 2022-2023,AY:2021-2020; tables from 2.2.3.40, 2.2.3.41 represent patents published in respective years; tables 2.2.42 give the summary of award winning projects.

An Intelligent Airbag for Fall Protection



Design of student Id card as wristband to monitor stress

Soil Fertility analysis using IoT.

Robotic Arm for Amputees

Quadruped Robot

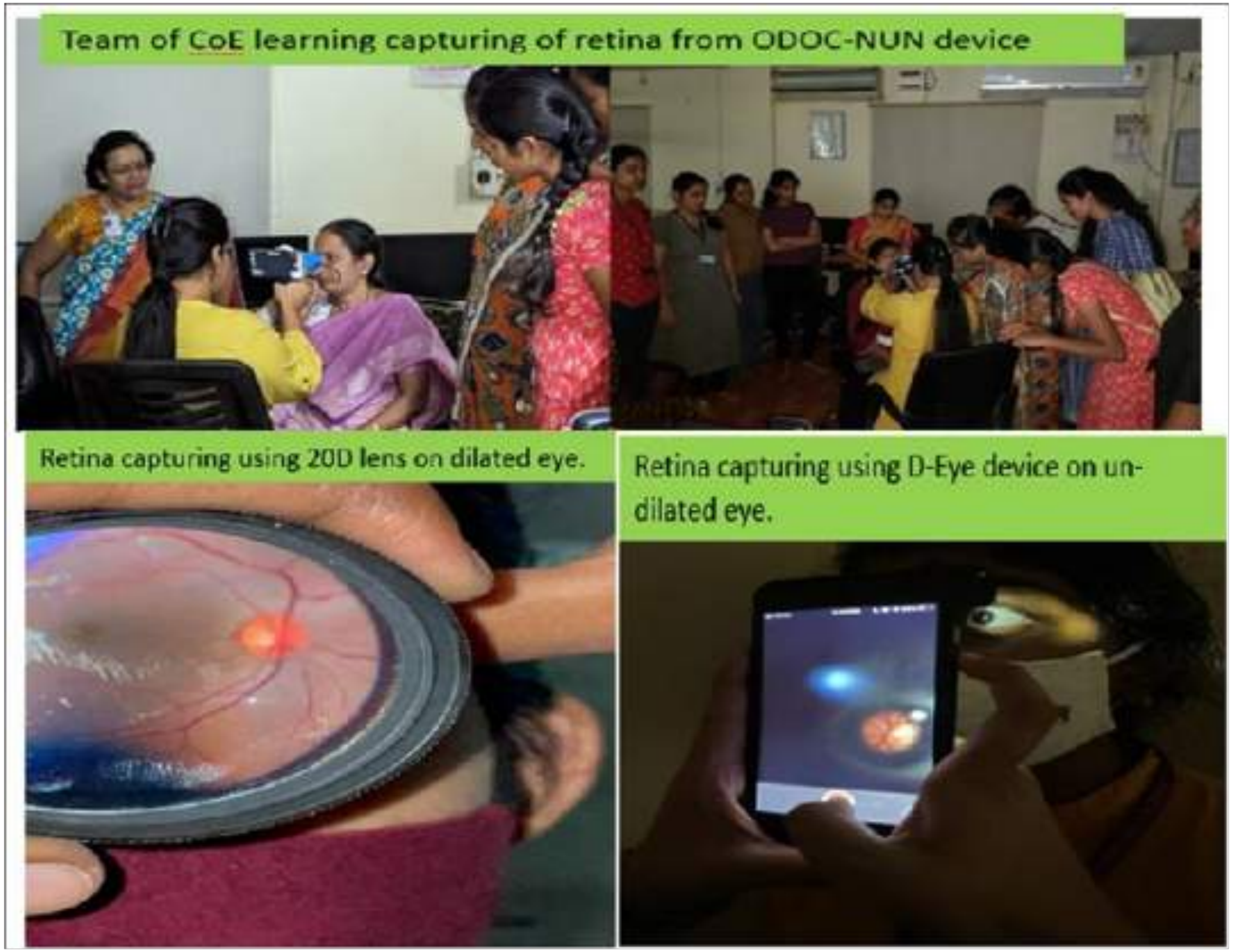

Team of CoE learning capturing of retina from ODOC-NUN device
Retina capturing using 20D lens on dilated eye.
Retina capturing using D-Eye device on un-dilated eye.

Figure 2.2.3.10 Snapshots of working prototypes developed by students

Table 2.2.3.36: Summary of Total number of Projects/Paper publications/Patents/Award winning Projec

	A.Y 2023-2024	**A.Y 2022-2023**	**A.Y 2021-2022**	**A.Y 2020-2021**

Number of Projects	54	52	54	60
Number of Publications	24	11	2	2
Number of Patents	11	2	-	2
Award Winning Projects	-	02	1	1
Total	89	67	57	65

Table 2.2.3.37: Summary of Paper publications in AY 2023-2024

S.No	Roll Number	Student Name	Internal Guide	Ttile of the Paper Published	Journal/ Conference
1	19251A0514	Chepuri Sai Tejaswini	Mrs. P. Sunitha Devi	Language Interpretation Using Machine Learning	International Journal of Computational Intelligence Research
	19251A0515	Chiluveru Minati			
	19251A0539	Cheruvu Manusree			
	19251A0541	Modem Keerthana			
2	19251A0530	K.Divya	Mr.T.Rajesh	Malware Detection and Prediction System Using Advanced Machine Learning Algorithms	International Journal for Research in Applied Science and Engineering Technology
	19251A0552	Shaista Firdouse			
	19251A0553	Sharia Areeb			
	19251A0557	Thakur Navya			
3	19251A0507	B. Nayanika Reddy	Dr.K.Prasanna	Comparision of Various Deep Learning Models for Plant Disease Detection and Organic Solutions	International Journal for Research in Applied Science and Engineering Technology
	19251A0518	D.Himaja			
	20255A0503	B Laxmi Prasanna			
	19251A0513	Chaganti Sathvika			
4	19251A05D7	D.Amulya	Mr. Ch. Sudharshan Reddy	Soil Fertility analysis using IoT	International Journal for Research in Applied Science and Engineering Technology
	19251A05E0	Grace Didla			
	19251A05H1	S. Lekhana			
	19251A05H3	Shriya Sripada			
5	19251A05C2	Afshan khan	Mrs. Ch. Swathi	Glucose Monitoring	International Journal for

	19251A05D0	B. Vidya Sree		using Deep Learning techniques.	Research in Applied Science and Engineering Technology
	19251A05D6	Ch. Pratyusha			
	19251A05F8	Manaal Ghouse			
7	19251A0583	G.Sivani	Mrs. D. Naga Swetha	Semantic and syntactic errors detection using NLP	The International journal of analytical and experimental modal analysis
	19251A0593	K.Lumbini			
	19251A05B9	V.Sathvika			
	19251A05C0	V.Shravani			
8	19251A0521	D.Sri vennela	Dr. Sasidhar. B	Diagonosis of Brain Tumors as Benign or Malignant using Image Processing and Deep Learning Techniques	International Journal for Research in Applied Science and Engineering Technology
	19251A0528	J.Amulya			
	19251A0537	M.Nandini			
	19251A0542	M.Jyothika			
9	19251A05D2	C. Sharika Reddy	Mr. Nagababu. G	Bus Tracking and Virtual Buspass:Easybus	International Journal for Research in Applied Science and Engineering Technology
	19251A05D4	Challa Sai Charitha			
	19251A05F2	K. Pujitha			
	19251A05G7	Rajoli Lakshmi Krithika			
10	19251A0508	Vijaya lakshmi	Dr. D. V. Lalitha parameswari	DR detection through Segementation and Feature Extractiong using CNN	The International journal of analytical and experimental modal analysis
	19251A0531	Vineela Kethe			
	19251A0532	Vaishnavi Kora			
	19251A0543	Mysolla Gayathri			
11	19251A05D5	Challa Sri Nikitha	Mr. B. Vamshi	Detection of Distracted Driver Using Convolutional Neural Network	International Journal for Research in Applied Science and Engineering Technology
	19251A05E1	Gangula Sreya			
	19251A05E4	G Sai Sindhuja			
	19251A05E7	Hasan Nazneen			
12	18251A0516	Manaswini M	Mrs S.Sandhya	Image Captioning based for assisting the Visually Impaired	ICICC- 2022
	18251A0521	P Vyoma Harshitha			
	18251A0549	Nelapudi Sirisha			
	18251A0556	T Aarthika			
13	19251A0524	G Varshini	Mrs.R.Pallavi Reddy	Dataset Generation	Proceedings of the 6th

	19251A0510	B. Tharuni Reddy		for Classification of Stuttering in Children	International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.
	19251A0516	Ch. Monica Chowdhary			
	19251A0527	Gundala Tripthi			
14	19251A0569	Bhavana Reddy.K	Mrs.Ch.Radhika	Multiscale object Detection from Remote sensing images Using Deep Learning	International Journal for Research in Applied Science and Engineering Technology (IJRASET)
	19251A0570	B.Siri Priya			
	19251A0578	Nikhila D			
	20255A0511	Shivani			
15	19251A05D3	C. Rishitha	Dr. G. Malini Devi	The Interview master.	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP: 773-782
	19251A05D8	D. Harshitha			
	19251A05E8	J. Meghana			
	19251A05G4	P. Alekhya			
16	19251A0565	Arpita Bejugam	Mrs. Bhageshwari Ratkal	Marker Based Augmented Reality using Vuforia and Unity 1	Journal of Emerging Technologies and Innovative Research
	19251A0572	Hasitha			
	19251A0590	K Sai Sreelekha			
	19251A0595	M.Srihitha			
17	19251A0501	A. Sai Sravya	Mrs. Jayashree S Patil	Integrating Image Processing and Convolution Neural Networks for Water Quality Detection	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP:
	19251A0538	M. Akhila			
	19251A0551	Pavani Basa			
	19D21A05B3	Banvitha Yadam			
18	19251A0571	Dhanya Bodapati	Mrs. Jayashree S Patil	Deep Learning Paradigm for Time Series Stock Prediction	Proceedings of the 6th International Conference on Communications and Cyber Physical
	19251A0580	Vandana E			

	19251A0597	Lahari M			Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP: 805-814
	19251A05A3	Navya P			
19	19251A0562	A.Hanshika	Dr. O. Obulesu	"People Counting And Tracking System In Real-Time Using Deep Learning Techniques	International Journal for Research in Applied Science and Engineering Technology (IJRASET)
	19251A0563	A.Lahari			
	19251A05A8	Ashwini			
	19251A05A6	Arunodaya			
20	18251A05D8	N. Shraddha	Mrs Ch.Radhika	Prediction of Mental Health Instability using Machine Learning and Deep Learning Algorithms	International Journal for Research in Applied Science and Engineering Technology (IJRASET)
	18251A05E0	Perika Vaishnavi			
	19255A0518	K. Shirisha			
21	19251A0596	M.Shreya	Mrs. V. Divya Raj	Prediction of BMI from facial image using Deep Learning	International Research Journal of Engineering and Technology (IRJET)
	19251A05A1	N.Yamini Swamy			
	19251A05A2	N.Sanjana			
	19251A05B3	Shereen Sultana			
22	19251A0502	D. Akhila	Mrs. T. Swapna	Diabetic Retinopathy Classification Using Deep Learning	International Journal of Advanced Trends in Computer Science and Engineering
	19251A0548	P. Srinidhi			
	19251A0547	P. Srija			
	20255A0501	T. Shivani			
23	20251A0506	Harshitha Kasu	Mrs. Nanda Devi D.R.	Migraine Detection: Bridging Healthcare and Technology	5 th International Conference on Data Science, Machine Learning & Applications (GNITS-2023)
	20251A0509	Line Meghana			
	20251A0516	N Roshni Reddy			
	20251A0518	P Shreya			
24	20251A0529	Vutukuri Harshini	Mrs. V. Divya Raj	Enhanced Diabetic Retinopathy Detection through GAN and Transfer Learning	Big Data, Virtual Reality, Information & Communication Technologies (BVRITHCON-2023)
	20251A0531	Addepalli Sai Sriyam			
	20251A0532	Akurathi meghana			
	20251A0557	Thota Sandhya			

Table 2.2.3.38: Summary of Paper publications in AY 2022-2023

S.No	Roll Number	Student Name	Internal Guide	Ttile of the Paper Published	Journal/ Conference
1	19251A0575	Srujana D	Mrs. Ch. Mandakini	Automatic Irrigation and Crop Monitoring System Using IoT and Deep Learning	Advances in Computational Sciences and Technology
	19251A0578	Nikhila D			
	19251A0589	Rithika			
	20255A0512	Pravalika D			
2	19251A05C4	Athkuri Sahithi	Mrs. R.Pallavi Reddy	A Deep Learning Technique to Recommend Music Based on Facial and Speech Emotions.	ICT for Intelligent Systems. ICTIS 2023. Smart Innovation, Systems and Technologies, vol 361. Springer, Singapore.
	19251A05C5	B. Abhinaya			
	19251A05C7	B. Neha Reddy			
	20255A0514	Chitla Sanjana Raj			
3	19251A05H6	Valgot Sherya	Mrs. N. Divya	Detection of COVID-19 and Pneumonia using Chest X-ray Scans with Deep Learning	Advances in Computational Sciences and Technology
	19251A05H7	Vundavelly Gayathri			
	19251A05H8	Vulpala Akshara			
	18251A0570	Nirupama varma			
4	19251A0591	Chetna Reddy	Mrs. K. Sneha Reddy	Diet Recommendation system based on vitamin intake	Advances in Computational Sciences and Technology
	19251A05A7	Preethika			
	20255A0510	Nuzhath			
5	19251A0589	Rithika	P. Sunitha Devi	Comparison of Machine Learning Algorithms for Detection of Stuttering in Speech	Advances in Computational Sciences and Technology
	19251A05E6	G.sarvagna			
	19251A05F4	L.Ramyasri			
6	19251A0522	G Jayanthi	Mr. Anil Tellur	Evaluation of Deep Learning Models for Fake News Detection	International Journal of Computational Intelligence Research
	19251A0523	G Meghana			
	19251A0525	G Sushma			
	19251A0536	M Sharanya			

7	19251A0503	Akiti Likhitha	Mrs. Nanda Devi D R	Question Paper Generator System Using Natural Language Processing	International Journal of Computational Science and Engineering.
	19251A0511	Bitla Sharon			
	19251A0529	Janagam Sindhu			
	19251A0533	Kothakapu Arpitha			
8	19251A0509	Begari Shailaja	Dr. N. Kalyani	SMARTFIT on by using Machine Learning and Deep Learning Techniques	International Journal of Computational Science and Engineering.
	19251A0519	Daripalli Aparna			
	19251A0526	Gayatri Shastri			
	20251A0506	Taluka Tejaswini			
9	19251A0504	A.Shivani Reddy	Dr. O. Obulesu	Train Delay Prediction Using Deep Learning Techniques	International Journal of Computational Science and Engineering.
	19251A0517	D.Ashritha Reddy			
	19251A0520	Dondeti Pavani			
	19251A0554	Shreya Reddy S			
10	19251A0501	A. Sai Sravya	Mrs. Jayashree S Patil	Water Quality Prediction using Image Processing and Machine Learning Models	International Journal of Computational Science and Engineering.
	19251A0538	M. Akhila			
	19251A0551	Pavani Basa			
	19D21A05B3	Banvitha Yadam			
11	19251A0502	D. Akhila	Mrs. T. Swapna	Feature extraction to detect and classify diabetic retinopathy using fundal images	International Research Journal of Engineering and Technology
	19251A0548	P. Srinidhi			
	19251A0547	P. Srija			
	20255A0501	T. Shivani			

Table 2.2.3.39: Summary of Paper publications in AY 2021-2022 & AY 2020-2021

S.No	Roll Number	Student Name	Internal Guide	Ttile of the Paper Published	Journal/ Conference
1	17251A0567	Devanga Ampabathini Vineela	Mrs.T.Swapna	Detection and Classification of Skin diseases using Deep Learning	The International journal of analytical and experimental modal analysis
	17251A05A7	Maddineni Navyasree			
	17251A05B8	Susmitha Navuluri			
	18255A0522	Pothabatini Bhavana			

2	20251A0542	G. Tharunya Varma	Dr.M.Seetha	Machine Learning Algorithms-The Effect of Training and Testing Process	ICRDMMS
Summary of Paper Publications A.Y:2020-2021					
S.No	**Roll Number**	**Student Name**	**Internal Guide**	**Ttile of the Paper Published**	**Journal/ Conference**
3	17251A0587	Sindhuja Nadgoud	Mrs. Nanda Devi DR	Automatic Question Generation System	Machine Learning
	17251A0588	Veda Charitha Bandikallu			
	17251A0589	Yaramada Akshara			
	17251A0597	Dadannagari Sahithi			
4	18255A0512	Neerudu Shirisha	Mrs. Bhageshwari Ratkal	Automatic reminder list to assist people with Alzehmer’s	Machine Learning

Table 2.2.3.40: Summary of Patents Published in AY 2023-2024

S. No	Application Title	Faculty Coordinators	Student inventors	Application Number	Status(Published / Granted)
1	Comparative Analysis of Deep Learning Algorithms for Glaucoma Classification using Retinal Images	Mrs.T.Swapna	K.L.Sudeepthi Y.S.R Varshitha	202441001166 A	Published
		Dr.K.Prasanna			
		Mrs.R.Mamatha			
		Mrs.N.Divya			
		Mrs.D.Anusha			
		Mrs.C.Bhagyasree			
2	Gesture Genie: Expression Analyzing Avatar Based	Dr. P. Sunitha Devi	Ms. M. Naga Sai Priya	202441001765 A	Published
		Mrs. R. Mamatha			
		Mr B Vamshi			

	Gesture to Speech Interpreter	Mr Nagababu Garigipati			
3	Enhanced Communication among Hearing Impaired through Gesture and Facial Expression on 3D Avatar	Mrs.Bhageshwari Ratkal	Ms.Vangapally Vennela, Ms. Vurlugonda Likhithasree , Ms. Guda Akshaya Ms. Madasu Pravallika	202441001764 A	Published
4	Dharmayudh	Dr.A.Sharada, Mrs.Bhageshwari Ratkal	Ms. Siri Chandana Ponnamaneni , Ms. Govindu Samhitha, Ms. Vutukur Keerthi , Ms. Vasanthi Gunjipalli	202441001163 A	Published
5	Method and System for Stress Detection through Facial Expressions and Heart Rate using Deep Learning	Dr. P. Sunitha Devi	Kore Joy Princy Tanda Manasa	202441001254 A	Published
6	Delirium’s Psychomoto	Dr.G.Malini Devi,	N.Spandana,	2024410025 3A	Published

	r behaiours among long term care facility for patients	Dr.Raghavender K V, Mrs.R.Pallavi Reddy,	M.Amita,		
		Mrs.J.Padmavati,	N.Alekhya, M.Mounya		
7	Elevating ML OPS by Integrating model deployment, Real-time monitoring and robust data engineering	Dr.N.Kalyani,	Lahari Yadav,	202341088367A	Published
		Dr.Jayashree S Patil,	O Soumya,		
		Mrs.S.Sandhya,	P Akshara,		
		Mrs.Ch.Radhika,	M Suma		
8	Method and System for Providing Safety Wear for Immediate Fall Trauma	Dr.Rajkumar L Biradar	G. Sai pravalika	202341088577 A	Published
		Vippalapalli Vikas	K .Anusha		
		Mrs. T. Divya Kumari	M.Harika		
		Mrs.M.Anusha	P.Joshitha		
9	Method and System for Muting Advertisements using Speech Recognition	Dr. A. Sharada	M. Sindhuja	202341088575 A	Published
		Ch. Mandakini	S. Tejaswini		
		V. Divya Raj	S. Sruthi		
		T. Rajesh	Adhya Indraganti		
10	Method and System for Providing Stock Portfolio Trading Bot	Mrs.Bhageshwari Ratkal	Oruganti Soumya Mani Madhavi	202341088370 A	Published
		Mrs.M.Lalitha			
11	Voice Automated Bed with Movement	Dr.M.Seetha, Dr.A.Sharada,	Anjum Farah	2.02341E+11	Published

	Assistance for Bedridden Individuals				
12	Voice Automated bed with movement assistance for bedridden individuals	Dr.M.Seetha, Dr.A.Sharada	Farah Anjum	401160-001	Published

Table 2.2.3.41: Summary of Patents published in AY 2023-2022

S. No	Application Title	Faculty Coordinators	Student inventors	Application Number	Status (Published/ Granted)
1	NICE : Nervousness Indicator In Class Room Environment	Dr. A. Sharada	Ms. K. N. Samhitha	202241055727 A	Published
		Mrs. M. Lalitha	Ms. A. Rishika Reddy		
		Mrs. R. Mamatha	Ms. K. Spandana		
		Mrs. T. Swapna	Ms. A. Sravanthi		
2	G-EYE, A Portable And Mobile Compatible Device For Retinal Imaging	Dr. M. Seetha	Ms. ShubhasriVanam	202241055682 A	Published
		Dr. N. Kalyani	Ms. M.S.V.L. Sasirekha		
		Mrs. Y. Sravani Devi	Ms. JellellaRachana		
		Mrs. V. Divya Raj	Ms. Yada Vaishnavi		
			Ms. Bashetty Shreya		
Summary of Patents Published A.Y:2019-2021					
S. No	**Application Title**	**Faculty Coordinators**	**Student inventors**	**Application Number**	**Status (Published/ Granted)**
3	System and Method for	Dr. M. Seetha,	Ms Madhulika Guda	201941036716 A	Published

	Detecting and Assisting in Quitting Smoking Habit	Dr.K.Venugopala Rao	Ms B.Arshia Fathima		
			Ms Akhila Vanga		
4	System and Method for Solid waste Management and Segregation	Dr. N. Kalyani	Ms Akhila Vujjini	201941036714 A	Published
		Dr. A. Sharada	Ms Sampelli Siri		
		Mrs Jayashree S Patil			

Table 2.2.3.42: Summary of Award Winning Projects in AY 2022-2023,2021-2022, 2020-2021

Summary of award winning projects in AY 2022-2023					
S.No	**Roll Number**	**Student Name**	**Internal Guide**	**Project Name**	**Award**
1	19251A0514	Chepuri Sai Tejaswini	Mrs. P. Sunitha Devi	Language Interpretation Using Machine Learning	Presented a paper in ICICC-22 organized by GNITS in Nov 22 and won ‘Best paper award’
	19251A0515	Chiluveru Minati			
	19251A0539	Cheruvu Manusree			
	19251A0541	Modem Keerthana			
2	19251A05B1	S.Keerthana Pravallika	Mrs. M. Lalitha	Spoofed Caller ID Detection	Won 1st position with cash prize 1,00,000 at SIH 2022, Kochi
	19251A05B5	S.Divya			
Summary of award winning projects in AY 2021-2022					
3	18251A05B4	K.N.Samhitha	Dr. A.Sharada	WECARE(Wearables for Classroom Anxiety Revelation)	Won First Consolation Prize’ with a cash award of Rs.
	18251A0563	A.Rishika Reddy			

	18251A0568	Pushpanjali Divi			10,000/- in Science & Engineering Fair
Summary of award winning projects in AY 2020-2021					
4	17251A05E7	TELARU YAMINI REDDY	Mrs. Nanda Devi D.R	Predictive analysis model to estimate the crop yield and its compensation’.	Reached Finals in SIH 2020

G. Evidence of papers published/Awards received by projects etc.(3)

Table 2.2.3.43 to Table 2.2.3.46 shows the total number of papers published during the Academic Years 2023-24, 2022-23, 2021-22 and 2020-21

Table 2.2.3.43: List of papers published for the Academic Year 2023-2024

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year
1	Detection and Classification of Skin diseases using Deep Learning	T.Swapna,, D.A. Vineela, M. Navyasree, N. Sushmtha, P. Bhavana	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	2021
2	Generative Data Augmentation and ARMD Classification	G.Narendra Babu Reddy, N. Sree Bhavani, M.Bhavani, P. Chandana Reddy, V.Abhignya Reddy	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN NO: 2321-9653	2023
3	(College Online Exchange) - Mobile Application using Flutter	M.Lalitha,Divya Suvvada, Sreehitha Thatwadi	International Journal of Engineering Research & Technology	Vol. 12 Issue 04, April-2023,ISSN: 2278-0181	2023
4	Language Interpretation Using Machine Learning	P.Sunitha Devi, Chepuri Sai Tejaswini, Minati Srinivas, Manusree Cheruvu, Modem Keerthana	International Journal of Computational Intelligence Research	Volume 19, Number 1 (2023),ISSN 0973-1873	2023

5	Malware Detection and Prediction System Using Advanced Machine Learning Algorithms	T. Rajesh, K. Divya, Shaista Firdouse, Sharia Areeb, Navya Thakur	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023
6	A Comparative Study on Deep Learning Models for Plant Disease Detection and Organic Solutions	Dr K. Prasanna, B. Nayanika Reddy, Chaganti Sathvika, D Himaja , Barenkala Laxmi Prasanna	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023
7	Soil Fertility Analysis Using IoT	Mr. Ch. Sudarshan Reddy , Amulya Dasari , Grace Meghna , S. Lekhna , S. Shriya	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI, ISSN:2321-9653	2023
8	Glucose Monitoring using Deep Learning	Asst. Prof. Mrs. Ch. Swathi, Afshan Khan, B. Vidya Sree, Ch.Pratyusha , Manaal Ghouse	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI,ISSN:2321-9653	2023
9	Semantic and Syntactic Errors Detection using NLP	D.Naga Swetha,Sivani Gokathoti,Lumbini Kommu,Sathvika Vallala,Shravani Vuppugandla	The International journal of analytical and experimental modal analysis	ISSN NO: 0886-9367	2023
10	Web based Application to Manage Academic Projects and Monitor Student Progress	D.Naga Swetha,Abrar Ahamadi Mirza ,P. Shefali , M. Sai Aashritha , Kunchala Harini	International Journal of Analytical and Experimental Modal Analysis	ISSN NO: 0886-9367	2020
11	Classification of Brain Tumor as Benign or Malignant Using Image Processing and Deep Learning Techniques: A Comparative Study	Dr Sasidhar B,Nandini Maduri,Jada Amulya, Donepudi Sri Vennela , Mogudampally Jyothika	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023
12	Easy Bus (Virtual Bus Pass and Bus Tracking System): Design and Implementation Using Machine Learning Algorithms	G.NagaBabu,C. Sharika Reddy, Challa Sai Charitha, Kalwa Pujitha, Rajoli Lakshmi Krithika	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN NO: 2321-9653	2023
13	Detection of stages in Diabetic Retinopathy using CNN	Dr.D.V.Lalitha Parameswari,K. Vineela, K. Vaishnavi, Dr. D.V. Lalitha Parameswari1	The International journal of analytical and experimental modal analysis	0886-9367 volume XV , Issue V , May 2023, Year 2023, Pages 612-621	2023
14	Detection of Distracted Driver Using Convolutional Neural Network	Asst. Prof.B.Vamshi, Challa Sri Nikitha, Gangula Sreya, G.Sai Sindhuja, Hasan Nazneen	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI , ISSN: 2321-9653;	2023

15	A Comparative Study of Deep Learning Algorithms for Glaucoma Classification using Retinal Images	T.Swapna, Y.Sai Raja Varshitha K.L.Sudeepthi, B.Manavika], T.Saishree	International Conference on Data Science Machine Learning & Applications	GNITS, Hyderabad	2023
16	Image Captioning for assisting the Visually Impaired	Sukhabogi Sandhya, Mittapalli Manaswini, and Teegala Aarthika	ICICC- 2022	ISBN 978- 981-99- 1587-3	2023
17	Stress Detection based on Multimodal Data in a classroom environment	Dr.A.Sharada, Mrs T.Swapna,, M. Madhuri	2nd International Conference on. Cybersecurity and Evolutionary Data Engineering	978-981-99-5080-5, GL Bajaj Institute of Technology and Management, Greater Noida	2023
18	Stress Detection in Classroom Environment Using Physiological Data	A. Sharada , Bhageshwari Ratkal , M. Lalitha , K. N. V. Samhitha, and A. Rishika Reddy	International Conference on Intelligent Computing and Communication	978-981-99-1588-0_15	2023
19	Identification of Disfluency Among Children Using Efficient Machine Learning Techniques	Pallavi Reddy, R., Kalyani, N., Monica, C., Tripthi, G., Varshini, G., Tharuni, B.	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	Vol 1096 Print ISBN: 978-981-99-7136-7 Online ISBN 978-981-99-7137-4	2024
20	Student Surveillance System for Detecting Abnormal Incidents in the Campus using Deep Learning	Ch. Mandakini, Madavedi Soujanya, Mala Bhyavana	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	Vol 1096 Print ISBN: 978-981-99-7136-7 Online ISBN 978-981-99-7137-4	2024
21	Multiclass Pixel Level Segmentation for Drivable Road Detection	S. Sandhya, Mohini Awahiya, Bhavani Nimmala, S. Pranathi, Koppula Sowmya	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	ISBN 978-981-99-7137-4_81	2024
22	MultiScale Object Detection in Remote Sensing Images using Deep Learning.	Ch. Radhika, D. Nikhila, D. Shivani, B SiriPriya, Bhavana Reddy	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	2023

23	Enhancement of Low-Resolution Remote Sensing Images Using ANN	G. Malini Devi, D. Divya, J. Mounika, Ch. Sruthi D.Samaikya	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP:853–861	Vol- 1096	2024
24	The Interview Master to Predict Personality Traits	G.Malini Devi, C .Rishitha, D.Harshitha, J.Meghana P. Alekhya	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP: 773-782	Vol- 1096	2024
25	Integrating Image Processing and Convolution Neural Networks for Water Quality Detection	J Jayashree S. Patil, Akhila Mailaram, Pavani Naga Kumari Basa, A. Sai Sravya, Banvita Yadam	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP: 795-804	Vol- 1096	2024
26	Deep Learning Paradigm for Time Series Stock Prediction	Jayashree S. Patil, Dhanya Bodapati, Vandana Elaprolu, Navya Peram	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE,PP: 805-814	Vol- 1096	2024
27	People counting and tracking system in real-time using deep learning techniques	Dr. O. Obulesu, A. Hanshika, A. Lahari, P. Arunodaya, R. Ashwini	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	2023
28	Prediction of Mental Health Instability using Machine Learning and Deep Learning Algorithms	Ch. Radhika, N. Shraddha, P. Vaishnavi, K. Shirisha	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	2023
29	Prediction of Personality Traits and Suitable Job through an Intelligent Interview Agent using Machine Learning	Ch. Mandakini, G. Shriya, Pradeepta Sanagarapu, Md. Afreen, Divyanjali Sirigiri	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	2023

30	Marker Based Augmented Reality using Vuforia and Unity 1	Bhageshwari Ratkal Arpita Bejugam , C Hasitha , K Sai Sreelekha , Musku Srihitha	Journal of Emerging Technologies and Innovative Research	Vol. 2,Issue 4,pp: 298-303	2023
31	Prediction of BMI from Facial Image using Deep Learning	V. Divya Raj Shreya Motkar N.Yamini Swamy N. Sanjana Shereen Sultana	International Research Journal of Engineering and Technology (IRJET)	volume 10,Issue 06	2023
32	T.Swapna, D.Akhila,P.Srija,T.Shivani, P.Srinidhi	Diabetic Retinopathy Classification using Transfer learning	International Journal of Advanced Trends in Computer Science and Engineering	Volume 12, No.3, pp: 110-116,May - June 2023	2023
33	Semantic enrichment of textual data through knowledge extraction	D.R Nandadevi Harshitha Kasu Line Meghana N Roshni Reddy P Shreya	5 th International Conference on Data Science, Machine Learning & Applications (GNITS-2023)	Presented	2023
34	Diabetic Retinopathy Diagnosis using Image Processing and Deep Learning Methods.	V. Divya Raj Addepalli Sai Sriyam Akurathi Meghana Harshini Vutukuri Sandhya Thota	Big Data, Virtual Reality, Information & Communication Technologies (BVRITHCON-2023)	Presented	2023

Table 2.2.3.44: List of papers published for the Academic Year 2022-2023

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ISBN numbers	Year

1	Automatic Irrigation and Crop Monitoring System Using IoT and Deep Learning	Ch. Mandakini, Srujana Dadi, D. Nikhila, K. Rithika, D. Pravalika	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023
2	A Deep Learning Technique to Recommend Music Based on Facial and Speech Emotions.	Pallavi Reddy, R., Abhinaya.B., Sahithi.A.	ICT for Intelligent Systems. ICTIS 2023. Smart Innovation, Systems and Technologies, vol 361. Springer, Singapore.	vol 361, 978-981-99-4039-4	September 2023
3	An Efficient Abstractive Summarization of Research Articles Using Pegasus Model	Reddy, R.P., Charitha, N., Gandla, R., Sujana, P.	IOT with Smart Systems. ICTIS 2023. Lecture Notes in Networks and Systems, Springer, Singapore.	vol 720, 978-981-99-3760-8	September 2023
4	Detection of COVID-19 and Pneumonia using Chest X-ray Scans with Deep Learning	Nomula Divya, Vulpala Akshara, Valgot Shreya, Vundavelly Gayathri and Nirupama Varma	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023
5	Diet Recommendation System Based On Vitamin Intake	K. Sneha Reddy, K. Chetna Reddy, Preethika Chennareddy and Nuzhath Jahan	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023
6	Comparison of Machine Learning Algorithms for Detection of Stuttering in Speech	Dr. P.Sunitha Devi, Sarvagna Gudlavalleti, Ramyasri Lakka, Rithika Kuchanpally	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023
7	Evaluation of Deep Learning Models for Fake News Detection	Mr. Anil, G. Jayanthi, G. Meghana, G. Sushma, M. Sharanya	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023

8	Future of Project Management with Machine Learning	R. Mamatha, Dr.Lalitha Surya Kumari, Dr.A.Sharada	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023
9	Language Interpretation Using Machine Learning	Dr. P.Sunitha Devi, Chepuri Sai Tejaswini, Minati Srinivas, Manusree Cheruvu, Modem Keerthana	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023
10	Question Generation System Using NLP	Mrs D R Nanda Devi, Bitla Sharon, Janagam Sindhu, Kothakapu Arpitha Reddy, Atiki Likhith	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023
11	Smart Fit On Using Machine Learning and Deep Learning Techniques	Dr.N.Kalyani,B Shailaja, D Aparna, Gayatri Shambhu Shastri T Tejaswi	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023
12	Train Delay Predicti on Using Machine Learning and Deep Learning Techniques	Dr.O.Obulesu,A. Shivani Reddy, D. Ashritha Reddy, D Pavani Shreya Reddy S	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023
13	Water Quality Prediction using Image Processing and Machine Learning Models	Mrs. Jayashree S Patil, Akhila Mailaram, Pavani Naga Kumari Basa, Sai Sravya Banvita Yadam	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023

14	Feature extraction to detect and classify diabetic retinopathy using fundal images	T.Swapna,P.Srija,T.Shivani, D.Akhila,P.Srinidhi	International Research Journal of Engineering and Technology	Vol. 9,Issue 11, pp:599-610, November 2022,2395-0072	Google Scholar

Table 2.2.3.45: List of papers published for the Academic Year 2021-2022

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year
1	Detection and Classification of Skin diseases using Deep Learning	T.Swapna, D.A. Vineela , M. Navyasree , N. Sushmtha ,P. Bhavana	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp. 1096:1101,August 2021, IF:6.3,0886-9367	UGC
2	Signature Verification by Graph Theory	E. Himaja and G. Tharunya Varma	ICRDMMS	Participated	Dec 2021
3	Analysis of Eye Gaze Response to Predict Cognitive and Behaviour Abilities of an Individual to Determine Developmental Disorders.	Pallavi Reddy, R., Kalyani, N., Sai Usha, R., Sai Sree, G.L.	Smart Intelligent Computing and Applications, Volume 2. Smart Innovation, Systems and Technologies, Springer, Singapore.	vol 283. https://doi.org/10.1007/978-981-16-9705-0_5	May 2022
4	Machine Learning Algorithms-The Effect of Training and Testing Process	Tharunya Varma	ICRDMMS	Participated	Dec 2021
5	Game Theory-Minimax Algorithm	M. Sindhuja	ICRDMMS	Participated	Dec 2021

Table 2.2.3.46: List of papers published for the Academic Year 2020-2021

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year
1	Exploiting the vulnerabilities of traditional captcha system and exemplifying smart captcha system	E. Satvika, K. Prathyusha Srishti Mathur	International Conference on ‘Emerging Trends in Circuit branch Technologies and Applications’	Presented	Apr 2021

2	Automatic reminder list to assist people with Alzehmer's	Bhageshwari Ratkal, Shireesha Gundeti	International Conference on Smart Computing and Informatics	978-98-11055-44-7,Springer	October 2020
3	Sensile Psychosis	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020
4	A Complete Care to Shishu	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020
5	Crop Monitoring and Recommendation System using Machine Learning and IOT	K. Pranavi R. Pallavi Reddy, B. Vinitha, K. Rishita	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume 9, Issue 9, Pages 621-625	July 2020
6	Exploiting the vulnerabilities of traditional captcha system and exemplifying smart captcha system'	E. Satvika, K. Prathyusha Srishti Mathur	International Conference on 'Emerging Trends in Circuit branch Technologies and Applications'	Presented	Apr 2021
7	'Sensile Psychosis' and 'A Complete Care to Shishu'	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020
8	Facial emotion recognition of multiple persons in a live video stream using deep learning	Ch. Mandakini	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, ISSN : 0886-9367, pp: 645-649,August 2021, IF:6.3	August 2021
9	Automatic Question Generation System	D. R Nanda Devi, Yaramada Akshara, Sindhuja Nadgoud, Veda Charitha Bandikallu	IRJET	Volume: 08 Issue: 11 Nov 2021	Nov 2021

2.2.4 Initiatives related to industry interaction (10)

Institute Marks : 10.00

2.2.4 Initiatives Related to Industry Interaction (10)

Industry interactions help the students to acquire the practical knowledge. In order to improve the technical abilities various industrial activities are carried out. Department of CSE has continuous interaction with various software companies in order to continuously improve the teaching learning process, fill gaps in the curriculum, etc. The department has taken following initiatives for establishing and nurturing good relations with industry.

A. Industry Supported Laboratories

There are four industry supported laboratories in the department. Table 2.2.4.1 Industry Supported Laboratories represents name of the laboratory, objectives and it's utilization. Table 2.2.4.2 Hardware and Software availability in all Center of Excellence gives the data of equipement and it's significance.Table 2.2.4.3 & 2.2.4.4 gives the Summary of Industry Supported Laboratories, Summary of individual Industry Supported Laboratories. Figure 2.2.4.1: Prototypes developed under IoT CoE. Figure 2.2.4.2 , 2.2.3.4 Components purchased under IoT CoE by CSE department, & Center of Excellence Opening Ceremony. Figure 2.2.4.4 to 2.2.4.6 represents students participating in various hackthons and winning prizes, TEKHACK- 24 Hrs –Hackathon conducted from 18th to 19th December 2018, IInd Prize (Smart Rice Hackathon) from ICAR-INDIAN INSTITUTE OF RICE RESEARCH, Smart India Hackathon 2022, conducted by DoT on Caller ID Spoofing at Kochi Figure 2.2.4.7 shows Projects developed under CoE for Deep Learning in Eye Diseases Prognosis while Figure 2.2.4.8 depicts Students at Augment reality workshop under AR-VR CoE.Figure 2.2.4.9 consists of Gallery of all Center of Excellence

Table 2.2.4.1: Industry Supported Laboratories

S. No	Name of the Laboratory	Name of the Industry	Objectives	Utilization
1	IOT Enabled Lab	Smart Bridge Pvt. Ltd.	• To facilitate innovation, research, development, and deployment of IoT technologies to drive business value. • Provide training and skill development programs for employees and students to enhance their knowledge and expertise in IoT technologies. • Facilitate cross-functional collaboration among teams, departments, and external partners to leverage collective expertise in IoT development, deployment, and maintenance.	Conduct Workshops, Training Programs, Implementation of Students Projects

2	Advanced Research in AI Lab	Intrinsic Labs	• To provide training programs and workshops that enhances the skills of students and faculty members in the field of Artificial Intelligence and Machine Learning. • To build automated solutions to the problems related to Computer vision, Robotics, Cognitive Science, Natural Language Processing and video analytics. • To provide technical support for students and faculty in projects related to Artificial Intelligence and Machine Learning. • To facilitate collaboration between researchers, industry experts, and academia in the area of Artificial Intelligence and Machine Learning.	Conduct Workshops, Training Programs, Implementation of Students Projects
3	Deep Learning in Eye Diseases Prognosis Lab	L V Prasad Eye Institute.	• To design an automated pre-screening deep learning tool for the early detection of eye diseases. • To design deep learning models for the prognosis of eye diseases at early stage. • To design automated deep learning models for any dataset.	Conduct Workshops, Training Programs, Implementation of Students Projects

4	AR-VR Lab	Cymax Infotainment Pvt. Ltd.	• The objective is to spearhead advancements in virtualization through the creation of simulations that offer secure training environments, free from real-world consequences. • To Design enjoyable and compelling applications for entertainment and gaming purposes. • To enhance classroom experiences and expand opportunities at all levels of learning. • To Build applications that can enhance entertainment, gaming, learning and other experiences by immersing users in a digital world to individual perceptions of their physical surroundings.	Conduct Workshops, Training Programs, Implementation of Students Projects

Table 2.2.4.2: Hardware and Software availability in all Center of Excellence's

S.No	CoE	Name of the Equipment	Significance/Utility Features	No. of Items
1	Advanced Research in Artificial Intelligence	Super Micro Workstation 5049A-T Server **Processor :**1x CLX-SP 4216 16C/32T 2.1G 22M 9.6GT **RAM:**2 x 32GB DDR4-2933 2RX4 LP ECC RDIMM **HDD** 1 x Seagate 3.5" 1TB SATA 6Gb/s 7.2K RPM Cache 256MB **GPU:** GPU-1 x NVIDIA RTX6000 24GB **DVD :**16X DVD-ROM Drive	Super Micro Workstations 5049A-T Server: High-performance, compact, versatile solution, ideal for intensive computing tasks in professional environments.	1

		HP LaserJet M438NDA Printer Print / Scan / Copy / DADF 22 PPM	The HP LaserJet M438NDA Printer offers efficient printing, high-quality output, network connectivity, and advanced features for professional environments.	1
2	IOT Enabled Centre of Excellence	Intel Modules Real Sense Depth Camera D435, D415 RoHS Compliant, Nvidia Jetson Nano, Jetson TX2 Developer Kit Board and D-EYE & Diy Drone Cam	Intel RealSense Depth Cameras (D435, D415) enable precise depth sensing for applications like robotics. Nvidia Jetson Nano/TX2 kits empower AI development, while D-EYE & DIY Drone Cams offer medical imaging and aerial surveillance capabilities.	7
		IoT Sensors	IoT sensors enable real-time data collection, analysis, and automation, enhancing efficiency, productivity, and decision-making across various industries.	37
		IoT Development Kits BOM	IoT development kits Bill of Materials (BOMs) outline components essential for prototyping, streamlining innovation, and fostering IoT ecosystem growth.	43
		SD Cards & Cables	SD cards store data, enabling portable storage. Cables facilitate device connections, crucial for data transfer and device functionality.	20
3		IoT Sensors BOM	IoT Sensors BOM (Bill of Materials) ensures cost-effectiveness, quality, and compatibility, vital for scalable and efficient IoT deployments.	32
		Actuators BOM	Actuators BOM (Bill of Materials) specifies components crucial for creating actuators, vital for translating control signals into physical motion.	14

		Display Boards BOM	Display Boards BOM (Bill of Materials) ensures accurate component procurement, cost management, and quality control for efficient manufacturing processes.	6
		Lab Instruments & Components BOM	Lab Instruments & Components BOM ensures accurate assembly, functionality, and cost estimation for laboratory equipment, streamlining research and experimentation processes.	53
	Research Centre for Assistive Technology	Intel Modules Real Sense Depth Camera D435 RoHS Compliant	Intel RealSense Depth Camera D435, RoHS compliant, facilitates precise depth perception, vital for robotics, AR/VR, and computer vision applications.	1
		Intel Modules Real Sense Depth Camera D415 RoHS Compliant	The Intel RealSense Depth Camera D415, RoHS Compliant, enables precise depth sensing for various applications with environmental responsibility.	1
		LENOVO NEO50S Computer Systems	LENOVO NEO50S Computer Systems offer efficient performance, versatile functionality, and reliability, catering to diverse computing needs with innovation.	1
		LENOVO THINKCENTRE Computer Systems	Reliable, efficient, and innovative computer systems, driving productivity and performance in diverse work environments worldwide.	1

4	DEEP LEARNING IN EYE DISEASES PROGNOSIS	ODOC NUN Fundus Capturing Device.	Vital tool for non-mydriatic fundus imaging, aiding in early detection of eye diseases like diabetic retinopathy.	1
		D-Eye Fundus capturing device for iPhone 6 Plus / 6s Plus.	D-Eye Fundus device offers portable retinal imaging for iPhone 6 Plus / 6s Plus, aiding in early disease detection.	1
		SUPERMICRO SUPER SERVER SYS-730A-I	It offers powerful computing capabilities and efficient performance for diverse server applications.	1
		Snapmaker 2.0 A350	Snapmaker 2.0 A350 offers versatile 3-in-1 functionality (3D printing, laser engraving, CNC carving) with large build volume, ideal for makerspaces and small-scale manufacturing.	1
		Snapmaker Rotary Module	The Snapmaker Rotary Module enables 3-in-1 functionality, empowering users to create cylindrical and curved designs with precision and versatility.	1
		Snapmaker A350 3D Printer Enclosure	It offers temperature control, noise reduction, and safety, enhancing print quality and user experience.	1
		Dataset from AIMERS+labelling.	AIMERS+labelling dataset is significant for AI research, providing annotated data crucial for training and testing machine learning models.	1
		DR,Glaucoma and ARMD datasets from LVPEI datasets	DR, Glaucoma, and ARMD datasets from LVPEI are pivotal for research, diagnosis, and treatment advancement in ophthalmology.	1

Table 2.2.4.3: Summary of Industry Supported Laboratories

S.No	Academic Year	No. of Training Programs conducted/ attended	No. of Projects	No. of paper publications/ onferences	No.of Patents published/ granted	No. of awards received	No. of Faculty Involved	No. of students Involved
1	2023-24	5	30	12	3	1	36	141
2	2022-23	7	31	16	3	8	44	276
3	2021-22	5	15	9	4	7	27	145
4	2020-21	3	18	7	-	-	27	61

Table 2.2.4.4: Summary of individual Industry Supported Laboratories

S. No	Academic Year	No. of Training Programs conducted/ attended	No. of Projects	No. of paper publications/ conferences	No. of Patents published/ granted	No. of awards received	No. of Faculty Involved	No. of students Involved
IOT Enabled lab supported by AICTE and industry Smart Bridge Pvt. Ltd.								
1	2023-24	1	3	2	2	-	9	17
2	2022-23	3	6	2	1	1	9	26
3	2021-22	3	2	1	3	-	5	7
4	2020-21	3	3	1	-	-	6	9
Advanced Research in AI Lab supported by AICTE.								
1	2023-24	-	8	5	1	-	15	50
2	2022-23	2	4	4	1	6	23	166
3	2021-22	2	3	4	-	7	13	90
4	2020-21	-	10	4	-	-	16	33
Deep Learning in Eye Diseases Prognosis Lab supported by DST and L V Prasad Eye Institute.								
1	2023-24	2	15	3	-	-	9	61
2	2022-23	1	14	9	1	1	9	56
3	2021-22	-	10	4	1	-	9	48
4	2020-21	-	5	2	-	-	5	19
AR-VR Lab supported by Cymax Infotainment Pvt. Ltd.								
1	2022-23	1	7	1	-	-	3	28
2	2023-24	2	4	2	-	1	3	13

An Intelligent Airbag for Fall

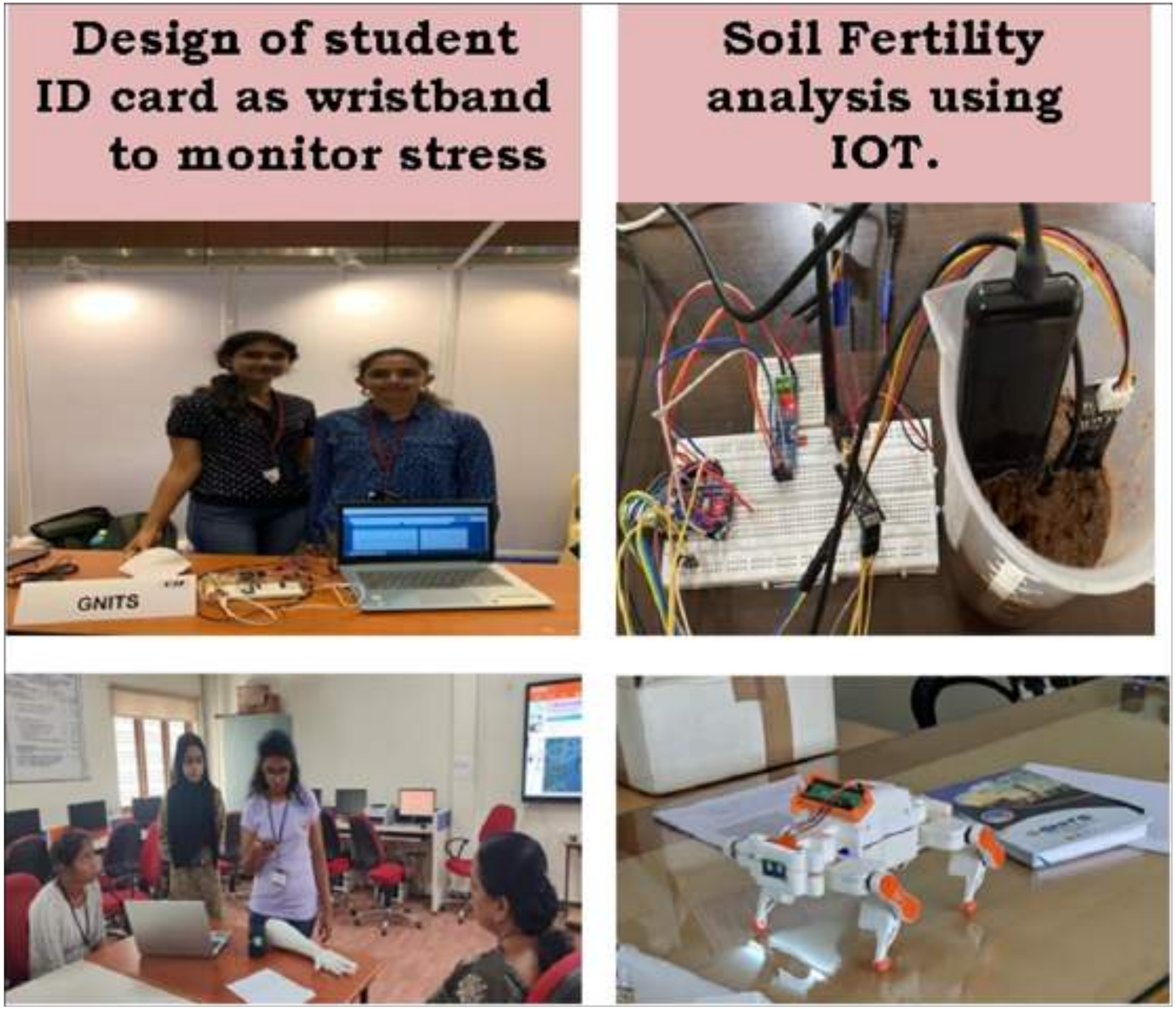

Design of student ID card as wristband to monitor stress
Soil Fertility analysis using IOT.
GNITS

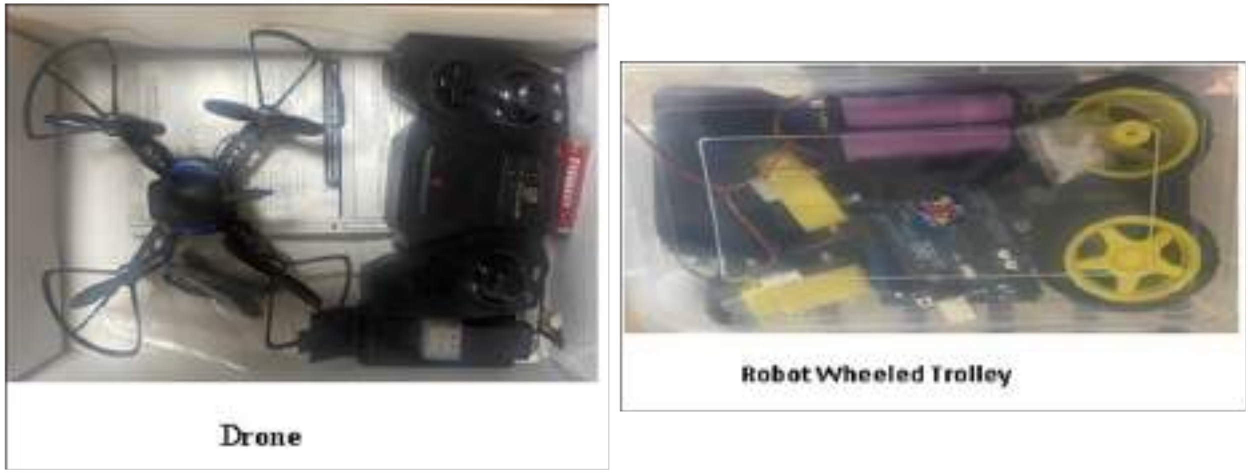
Figure 2.2.4.1: Prototypes developed under IoT CoE

JETSON
REALSENSE
REALSENSE

Real Sense Depth Camera

Jetson Nano

Microcontroller



Drone

Robot Wheeled Trolley

Figure 2.2.4.2: Components purchased under IoT CoE by CSE department

Center of Excellence Opening Ceremony
CENTER OF EXCELLENCE
INTERNET OF THINGS & ANALYTICS

Figure 2.2.4.3: Center of Excellence Opening Ceremony

TEKHACK-GNITS
24 Hrs. Hackathon
Shot on OnePlus
Powered by Dual Camera

TEKHACK- 24 Hrs –Hackathon conducted from 18th to 19th December 2018

Figure 2.2.4.4: TEKHACK- 24 Hrs –Hackathon conducted from 18th to 19th December 2018

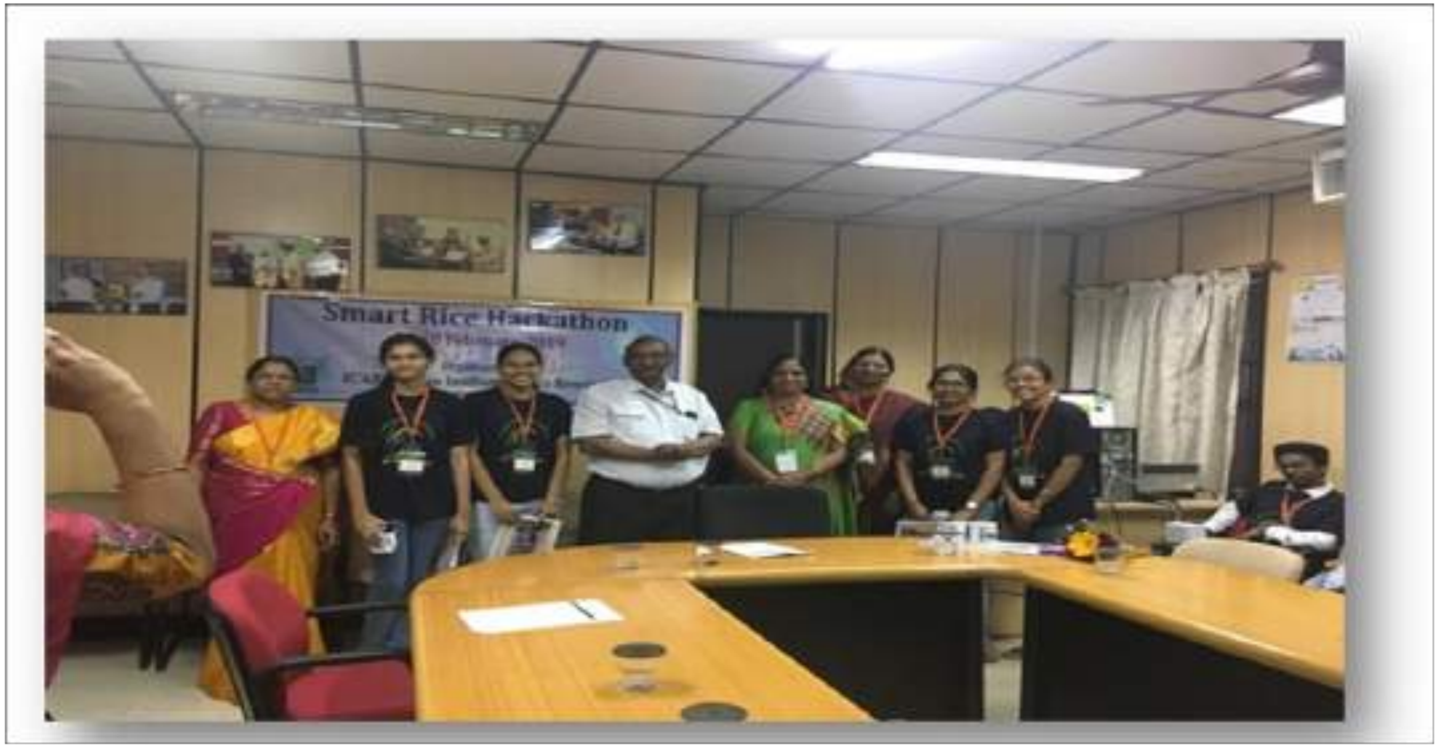

Smart Rice Hackathon

Figure 2.2.4.5: IInd Prize (Smart Rice Hackathon) from ICAR-INDIAN INSTITUTE OF RICE RESEARCH

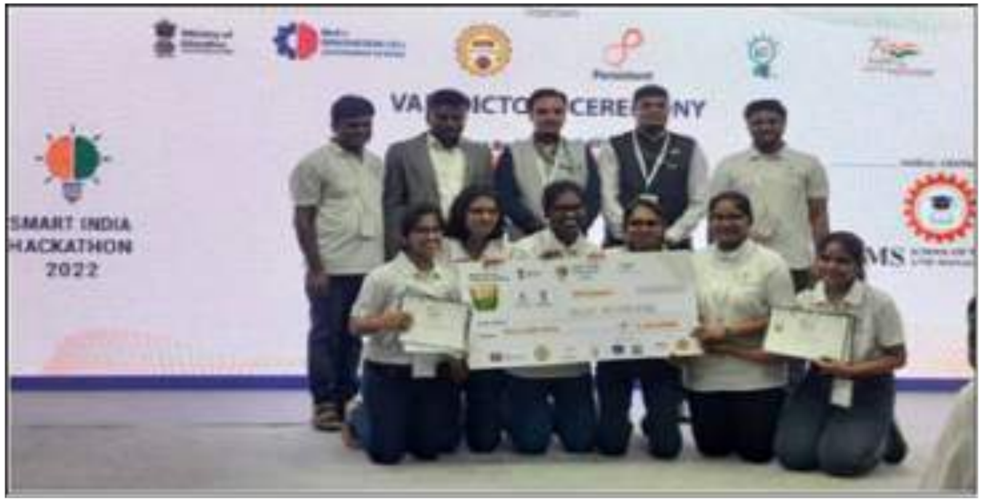

SMART INDIA
HACKATHON
2022

Figure 2.2.4.6: Smart India Hackathon 2022, conducted by DoT on Caller ID Spoofing at Kochi

Online device demo with University of Auckland.

Learning working principle of Tri-Netra Device at School of Medical Sciences, H

AEye SUMMIT-23, LVPEI, Hyderabad.

IInvenTiv-2024, R & D Innovation fair IIT, Hyderabad.

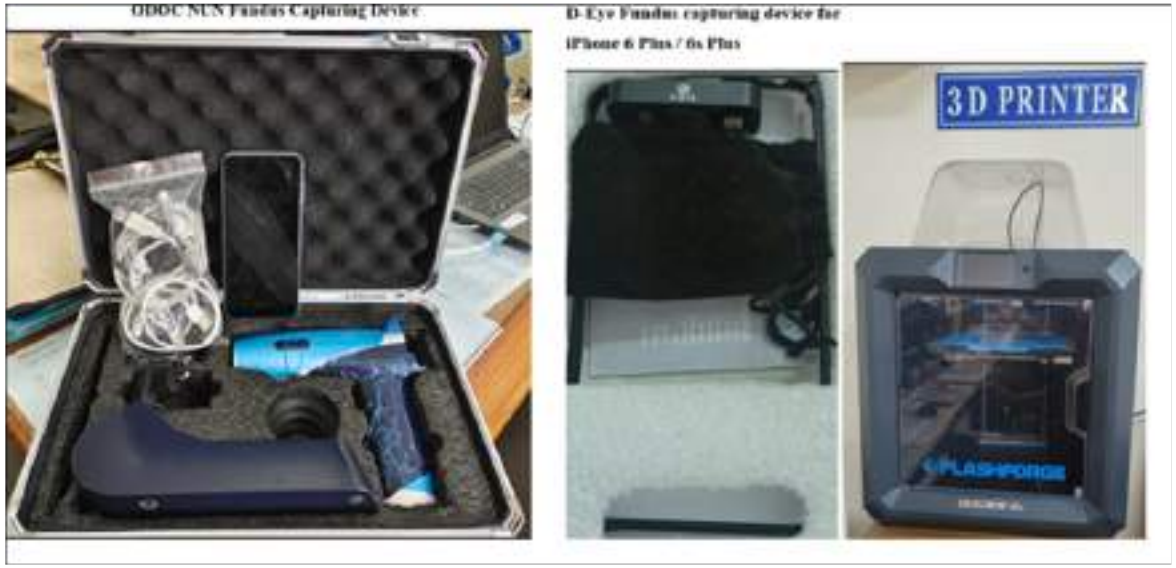

ODOC NUN Fundus Capturing Device
D-Eye Fundus capturing device for
iPhone 6 Plus / 6s Plus
3D PRINTER
FLASHFORGE

Figure 2.2.4.7: Projects developed under CoE for Deep Learning in Eye Diseases Prognosis

CL-1 Lab for research

VIRTUAL REALITY

Oculus VR headset

Students at Augment reality workshop

Figure 2.2.4.8: Students at Augment reality workshop under AR-VR CoE

Students presenting paper at BVRIT
Workshop at Microsoft company
THEGARAGE
Students participating in NASA National space App Challenge held at Chandigarh University

Figure 2.2.4.9: Gallery of all Center of Excellence

B. Industry Involvement in the Program Design and Curriculum

Involvement of industrial experts in curriculum design plays a vital role in acquiring the required knowledge in current IT trends. The list shown in Table contains the involvement of industrial experts in the B.Tech (CSE) curriculum design from the year 2018 to 2022. Through learning such industry aligned courses, the students learn the current and most demanded industry requirements and practices. This enables the students to consider appointing them in projects from the day one after their appointment. Industrial experts suggest the curriculum with current trends that are needed for industries. Table 2.2.4.5 gives the Industry members as experts under various categories in the curriculum design.

Table 2.2.4.5: Industry members as experts under various categories in the curriculum design

Sl. No.	Name of the industry expert	Designation	Name of the Industry	Contribution	Period
1.	Mr. P. Mohan	Sr. Data Scientist	Tech Mahindra, Hyderabad	BoS memberIndustry Expert	2018-2022
2.	Mr P.Krishna Mohan	Vice President	Network & IT Infrastructure, Payswiff, Hyderabad	DAC memberIndustry expert	2021-2024
3.	Mr Oruganti P Venkateswar	Platform Architect	TCS, Hyderabad	DAC member Industry expert	2021-2024
4.	S.S.S Lakshmi Devi	IT Analyst, Hyderabad	TCS, Hyderabad	Alumnae member Industry expert	2021-2022
5.	Mrs. Sony Salavadi,	PAN India Mgr.	BookMyStall, Hyderabad	Alumnae member Industry expert	2022-2023

The syllabus and instructional methods of one of the industry-oriented courses “PC 12317 -Python Programming”, is described below

II Year B.Tech. CSE I-Semester	**L T P C**
Course Code: 12317	**0 0 2 1**

PYTHON PROGRAMMING LAB

(Common to EEE, ECE, CSE, IT, ETE, CST, CSM & CSD)

Prerequisites: Programming for Problem Solving

Course Objectives:

1. Describe the core syntax and semantics of Python programming language.
2. Learn the fundamental sequence types like lists, dictionaries, tuples, sets.
3. Handle files and modules in python.
4. Learn how to write string, Exception Handling programs in python.

List of Experiments:

Week 1:

a. Write a program to demonstrate different number data types in Python.
b. Write a program to illustrate various types of operations in Python.

Week 2:

a. Write a Python program to find largest of three numbers.
b. Write a Python program to convert temperatures to and from Celsius, Fahrenheit. [Formula: c/5 = f-32/9]
c. Write a Python program that prints prime numbers less than 20(using for-else).
d. Write a Python program to construct the following pattern, using a nested for loop.

```
1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

4 4 4 4

3 3 3

2 2

1
```

e. Write a program to get the binary form of a given number.

Week 3:

a. Write a program to demonstrate various list methods in Python.
b. Write a program to get a list of even numbers from a given list of numbers. (use only list comprehensions).

Week 4:

a. Write a program to add an item in a tuple without converting into a list.
b. Write a program to count the elements in a list until an element is a tuple.
c. Write a Python program to demonstrate set operations.

Week 5:

a. Write a program to access a sub string from a given string (Use slicing)
    - Get the first 5 characters of a string.
    - Get a substring of length 4 from the 3rd character of the string.
    - Get the last 5 characters of a string.
    - Get a substring which contains all characters except the last 4 characters and the 1st character.
    - Get every other character from a string.
b. Get a string from a given string where all occurrences of its first char have been changed to '$', except the first char itself

Eg: restart output: resta$t

c. Write a program to sort a dictionary by a value.
d. Write a program to display the count of individual vowels in the input string-using dictionary. (Ex: Input String: “welcome” Output: {‘a’:0,’e’:2,’i’:0,’o’:1,’u’:0})

Week 6:

a. Write a Python program to find N largest element from given list of integers using functions.
b. Write a Python program to find sum of elements of nested list using recursion. (Input: [9, 1, [3,4], [5,2]], Output:24)
c. Write a Python program to define a module to find Fibonacci Numbers and import the module to another program.
d. Define a module that consist of factorial and sum of individual digits of a number as functions.
e. Write a program to find ncr by importing only factorial function from the above module.

Week 7:

a. Write a program to handle exceptions using try..except..finally…else
b. Write a program to sort words in a file and put them in another file. The output file should have only lower- case words, so any upper-case words from source must be lowered. (Handle exceptions)
c. Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.

Week 8:

Write a Python application to create basic calculator to demonstrate following GUI components.

i. Button ii) Text box iii) Text area

Week 9: Write a Python application to create basic Registration form to demonstrate following GUI components.

i. Text box ii) Button iii) Submit button iv) Combo box

v) Check button vi) Text widget vii) Radio button viii)Scrolled Text

Week 10: Write a Python program to draw following plots

i) Bar graph. ii) Scatter plot. iii) Box plot.

Text Books:

1. Wesley J. Chun, Core Python Programming, 2nd Edition, Pearson.
2. Gowrishankar S and Veena A, Introduction to Python Programming, 1st Edition, CRC Press/Taylor Francis, 2018. ISBN-13: 978-0815394372.

Reference Book:

1. Y Daniel Liang, Introduction to Programming Using Python, 1st Edition, Pearson India, 2017.

Online Resources:

1. www.w3schools.org.in
2. https://www.sgul.ac.uk/about/ourprofessionalservices/informationservices/library/documents/training- manuals/ExcelFundamentals-Manual.pdf
3. www.lynda.com
4. www.coursera.org

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

AUTONOMOUS **(For Women)**

DEPARTMENT OF CSE

II B.Tech. I Semester Python Programming Lab

(Course Code: 12317, GNITS-R-22)

Lab Cycle – 1

1. Write a program to demonstrate different number data types in Python.

2. Write a program to illustrate various types of operations in Python. Week

3. Write a Python program to find largest of three numbers.

4. Write a Python program to convert temperatures to and from Celsius, Fahrenheit.

[Formula: c/5 = f-32/9]

5. Write a Python program that prints prime numbers less than 20(using for-else).

6. Write a Python program to construct the following pattern, using a nested for loop.

```
1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

4 4 4 4

3 3 3

2 2

1
```

7. Write a program to get the binary form of a given number.

8. Write a Python program to find N largest element from given list of integers using functions.

9. Write a Python program to find sum of elements of nested list using recursion.

(Input: [9, 1, [3,4], [5,2]], Output:24)

10. Write a Python program to define a module to find Fibonacci Numbers and import the module to another program.

11. Define a module that consist of factorial and sum of individual digits of a number as functions.

12. Write a program to find ncr by importing only factorial function from the above module.

13. Write a program to demonstrate various list methods in Python.

14. Write a program to get a list of even numbers from a given list of numbers.

(Use only list comprehensions).

Lab Cycle – 2

1. Write a program to add an item in a tuple without converting into a list.

2. Write a program to count the elements in a list until an element is a tuple.

3. Write a Python program to demonstrate set operations.

4. Write a program to access a sub string from a given string (Use slicing)

   - Get the first 5 characters of a string.
   - Get a substring of length 4 from the 3rd character of the string.
   - Get the last 5 characters of a string.
   - Get a substring which contains all characters except the last 4 characters and the 1st character.
   - Get every other character from a string.

5. Get a string from a given string where all occurrences of its first char have been changed to '$',

   except the first char itself Eg: restart output: resta$t

6. Write a program to sort a dictionary by a value.

7. Write a program to display the count of individual vowels in the input string-using dictionary. (Ex: Input String:

   "welcome" Output: {'a':0,'e':2,'i':0,'o':1,'u':0})

8. Write a program to handle exceptions using try..except..finally…else

9. Write a program to sort words in a file and put them in another file. The output file should have only lowercase words, so

   any upper-case words from source must be lowered. (Handle exceptions)

10. Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.

11. Write a Python application to create basic calculator to demonstrate following GUI components.

    i) Button ii) Text box iii) Text area

12. Write a Python application to create basic Registration form to demonstrate following GUI components.

    i) Text box ii) Button iii) Submit button iv) Combo box v) Check button vi) Text widget

    vii) Radio button viii) Scrolled Text

13. Write a Python program to draw following plots i) Bar graph. ii) Scatter plot. iii) Box plot.

C. Industry Involvement in Partial Delivery of any Courses for the Students

Department has arranging session by industry experts to cover some of the course contents with their real time experience. This helps our students to understand and apply the concepts in real time applications. These interactions also mould our students as per industry requirements. Table 2.2.4.6 represents Details of industry involvement in partial delivery of courses along with hours of course and number of beneficiaries. Table 2.2.4.7 to 2.2.4.10 depicts Guest Lectures by Industry Experts

Table 2.2.4.6: Details of industry involvement in partial delivery of courses along with hours of course and number of beneficiaries

Name of the course/ programme	Course/ programme Code (if any)	Mode of the Course- offered by the HEI or Online	Year of offering / Year of enrolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year
Academic Year 2022-23						
Value added course on Applied Data Science with IBM Cloud	GNITS/ CSE/ VAC/ 2022-23/ 01	offline	2022-23	56	91	79
Academic Year 2021-22						
Value added course on MERN stack Application Development	GNITS/ CSE/ VAC/ 2021-22/ 01	offline	2021-22	40	70	70
Academic Year 2020-21						
ML application using IBM cloud & Watson studio	GNITS/ CSE/ VAC/ 2020-21// 02	offline	2020-21	40	98	98

Web Development	GNITS/ CSE/ VAC/ 2020-21/ 01	offline	2020-21	30	285	285

Table 2.2.4.7: Guest Lectures by Industry Experts For A.Y -2022-23

Academic Year 2023-24					
S. No	**Name of the Program / Event**	**Resource Person**	**Date**	**Duration**	**Number of Participants**
1	G20 Program on “Cyber Suraksha” at Bhongiri	In collaboration with CSI Hyderabad chapter, Mr.G,Srinivas	25-07-2023	1Day	107
2	Guest Lecture on “Career Opportunities on Data Science: Industry Project based learning in Machine Learning and Data Science”	Mr. P. Mohan, Senior Data Scientist, Tech. Mahindra, Hyderabad	11-08-2023	1Day	115
3	2 Days Bootcamp on “Data VisualiZations using Tableau”	Mr. Sandeep Gogula, Corporate Trainer, Hyderabad.	16/10/2023 to 17/10/2023	2 Days	107

4	Guest Lecture on “Unity Essentials”	Professor Anupama Ingala, CEO, CymaxInfortainment Pvt.Ltd	19-10-2023	1 Day	73
5	Awareness session on Learn, Grow, and Achieve	Mr.Srikanth, Senior Machine Learning Engineer, Smart Bridge Pvt.Ltd, Hyd.	02-11-2023	1Day	102
6	Pre-Conference workshop on “Data Science in a New Era”	Mr. Ashok Polapragada, Director of Technology, Dristia Inc, Hyderabad.	08-12-2023	1 Day	175
7	Pre-Conference workshop on Cyber Threats	Mr.Santhosh , CEO, Supraja Technoogies	14-12-2023	1 Day	96
8	3-Day boot camp on mobile App Development using Kotlin	Renuka Venkata Ramani Challa, Mr. Viswanath Kumar Sandu Director & Co-founder of Improve10x	18/12/2023 to 20/12/2023	3 Days	80

Table 2.2.4.8: Guest Lectures by Industry Experts For A.Y -2022-23

Academic Year 2022-23					
Sl. No	**Name of the Program / Event**	**Resource Person**	**Date**	**Duration**	**Number of Participants**
1	3-Day Bootcamp on Drone Workshop	EDUQUIS TECHNOLOGY LLP	08-05-2023 to 10-05-2023	3 Days	123

2	Guest Lecture on Exciting Career Opportunities after Engineering.	EducateNXT, Gopinath Purala, Head-Institutional Alliances, Phone No: 7794931347	13-04-2023	1 Day	90
3	One day Boot camp on Big data Analytics	Tech Mahindra,Data Scientist, Mr.P.Mohan	28-04-2023	1 Day	62
4	Bootcamp on Cyber Security	Indian Servers Pvt.Ltd, Mr. Dhama raju Sai Satish, CEO, Indian Servers, Phone No: 9618222220	24-03-2023 to 25-03-2023	2 Days	86
5	workshop on ” Cyber security and ethical hacking”	Mr C.Santosh,CEO supraja Technologies , Mr.Raghava,Senioe security analyst, Mr.Surya,Junior security analyst,Ph no:9550055338	02-03-2023 to 05-03-2023	2 Days	107
6	Bootcamp on Augmented Reality	Deep Loops Pvt.Ltd Mr.Surya Tej, Phone No:8143418505	03-01-2023 to 04-01-2023	2 Days	89
7	Workshop on “Amazon Web Services”	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions Pvt. Ltd, Phone No:9502935039	22-08-2022 to 27-08-2022	6 Days	40
8	Session on “Data Science in Organizations-Practical Considerations	Ms.Amulya Sree, Senior Analyst,HSBC, Phone No:9966689216	17-09-2022	1 Day	106

Table 2.2.4.9: Guest Lectures by Industry Experts For A.Y- 2021-22

Academic Year 2021-22					
Sl. No	**Name of the Program / Event**	**Resource Person**	**Date**	**Duration**	**Number of Participants**
1	Guest Lecture on Predictive Data Analytics	Dr.S.Ravi Kumar Raju, Indo-French center for Promotion of Advaced Research Phone:996662344	02-06-2022	1 Day	24

2	Demo session on Virtual reality	Ms.Anupama, Cymax Infotainment Pvt.Ltd.Phone: 9159421657	11-04-2022	1 Day	58
3	VAC on MERN stack Application Development	Mrs.Sruthi Vaja, Brain O Vision Pvt.Ltd Phone:9502935039	23-03-2022 to 06-04-2022	15 Days	70
4	VAC on ML Applications Using IBM Cloud & Watson Studios	Mr.Jayaprakash, Smart Bridge sol Pvt Ltd, Phone No: 9550678615	11-12-2021 to 20-12-2021	10 Days	89
5	A Hands-on session on AWS Introduction	Mr. Anil Kumar Kasukarthi, AWS Specialist, Leo Force A.I. Inc, 8978833992	20-11-2021	1 Day	47
6	Introduction to Machine Learning	Mr. Dileep Kumar, Data Science Architect at Intrinsic Science Lab, 8978833992	13-11-2021	1 Day	296
7	Online one-week International workshop on Java Programming and Android Applications	Mr. Prashanth and Mr. Madhukumar, Industry Expert, 9502935039	20-09-2021 to 25-09-2021	6 Days	101
8	A Session on Research Innovation and Incubation	Mr. Suresh Kadari, CEO, Cedura Testsol PVT LTD.	16-09-2021	1 Day	70
9	web development	Mr.Ganesh Nag,CEO brain o vision, Mr.D.Mahesh;contact no:9502935039	19-08-2021	1 Day	210
10	Online workshop onWeb Appliction using FLASK	Mr. Srinivas Battula, Sr Software Engineer, Wipro.Phine: 040-61427999	24-07-2021	1 Day	66
11	Online workshop on Web development using Django	Mr. Bala Maheshwar Dundigalla, Brain O Vision Solutions PVT LTD Phone:9502935039	17-07-2021	1 Day	63

12	Online one-week National Level Workshop on React JS .	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions PVT LTD Phone:9502935039	05-07-2021 to 10-07-2021	6 Days	67

Table 2.2.4.10: Guest Lectures by Industry Experts For A.Y- 2020-21

Academic Year 2020-21					
Sl. No	**Name of the Program / Event**	**Resource Person**	**Date**	**Duration**	**Number of Participants**
1	Online webinar on Information Security Awareness Training	Mr. Velichiti Krishna Chaitanya, Sr Information Security Consultant. Phone: 9000810043	06-04-2021	1 Day	103
2	Workshop on Docker-Empowering Development for Developers for III years	Mr. Dr Dileep Ramesh Kumar, CEO, Intrinsic Science Lab, Mr. Srinivas Swaroop., 8978833992	09-01-2021	1 Day	110
3	Online webinar on Information Security Awareness Training	Mr. Velichiti Krishna Chaithanya, Sr Information Security Consultant.Phone: 9000810043	06-04-2021	1 Day	103

D. Impact analysis of industry institute interaction and actions taken thereof

To strengthen interaction with industries and to keep our students updated with the latest trends being followed in the industry, MoUs were signed with the following companies. The following table shows the MOU’s with industries/higher educational institutes and activities carried out. Table 2.2.4.11 gives the data of MoUs with Industries/ Academic Institutions

Table 2.2.4.11: MoUs with Industries/ Academic Institutions

S.No	Name of the Organization	MOU Date	Purpose	Validity
1	Smart Bridge Educational Services Pvt.Ltd	25-01-2021	· Hands on training on IoT & Data Analytics for both faculty and Students	Active

2	M/s. Cedura Testsol Pvt. Ltd (CeduraTech)	18-01-2021	· To mentor the departments and start-ups working under various R&D programs	Active
3	Brain O Vision Solutions Pvt. Ltd.	11-01-2021	· To conduct Boot camps & Hackathons across different technological platforms · Training programs · Internships	Active
4	M/s. EMPIEZO IT Solutions Pvt.Ltd	21-01-2020	· To mentor the departments · Start-ups working under various R&D programs · To engage innovators in the complementary domain from both organizations to co-innovative in the disruptive technologies. · To conduct workshops	20-01-2023
5	M/s. Intrinsic Science Labs Pvt.Ltd	02-12-2019	· To establish GNITS Incubation Centre (GIC) · To promote a culture of innovation and entrepreneurship in college	01-12-2022
6	M/s. Book My Stall	02-12-2019	· To establish GNITS Incubation Centre (GIC) · To promote a culture of innovation and entrepreneurship in college	01-12-2022
7	BrighTex Bio-Photonics Pvt.Ltd	25-11-2019	· Create a project bank for final year students · Sharing Industry oriented courseware and technology with faculty. · Hands on training on AI & Entrepreneurial development	24-11-2022

8	International School of Engineering (INSOFE)	03-04-2019	· Best opportunity to learn Data Science · Guest lectures · FDPs	Active
9	Gokaraju Rangaraju Institute of Engineering and Technology,Hyd	16-11-2018	· Joint Organization of FDPs / Conferences / Hackathons / Workshops · Undertake collaborative R&D work · Development of new Laboratories.	15-11-2021
10	IDEALABS Future Tech Ventures, Hyderabad	03-10-2018	· Mentor connect, · Boot camps & Hackathons · Corporate challenges · Centre of Excellence · Joint Research · Faculty Development Programs	Active
11	Cluster IT Solutions Pvt Ltd, Hyderabad	22-09-2018	· Provide technology training & technical support for executing outsourced projects · FDPs · Capability development of the students	Active
12	Eleven01 Technologies, Hyderabad	25-07-2018	· Mentor connect · Boot camps & Hackathons · Corporate challenges · Centre of Excellence · Joint Research · Faculty Development Programs · Certification programs on Block chain technology	Active
13	Apple	20-05-2016	Practical knowledge on MAC IOS and related future apps	Renewed for every year

Industrial Visits

Industrial visit bridge the gap between classroom theoretical training and practical learning in a real-life environment. Using the case study approach within the visit brings out critical thinking among students shown in Table 2.2.4.12

Table 2.2.4.12: Industrial Visits

Company Name	Date of Visit	Number of Students	Number of faculty	Year/ Semester
Academic Year 2023-24				
ALEAP	11-12-2023	66	4	IV B.Tech I Sem
IDBRT	26-02-2024	19	3	III B.Tech II Sem
BOSCH	06-03-2024	15	2	III B.Tech II Sem

Report on **ALEAP - Industrial Visit**

Total number of participants attended the ALEAP: 66

About the Program: GNITS conducted a Industrial Visit for IV B.Tech Students as a part of their academic Curriculum to **ALEAP on** 11-10-2023

Institutes Visited:

- Centre for Entrepreneurship Development (CED)
- Common Facility Building

Overview:

The visit to ALEAP, Pragathi Nagar was an enlightening experience for the Students. They were welcomed with a seminar focusing on Women Entrepreneurship and the vital role played by ALEAP. During the seminar, we learned about the numerous programs and opportunities ALEAP offers to aspiring Women Entrepreneurs.

They had an Interaction with Two Young and Inspiring Entrepreneurs, "**Mohan Reddy**" & "**Vihaan Tari**" who shared their remarkable journey, offering insights into the extraordinary endeavour—a Robotic Trash-collecting boat engineered to cleanse waste from water bodies. The innovation, remarkable in its own right, was inaugurated at the "Young Entrepreneurship-Bridging the Gap" event, a noteworthy initiative that is generously supported by the Atal Incubation Centre at ALEAP WE HUB.

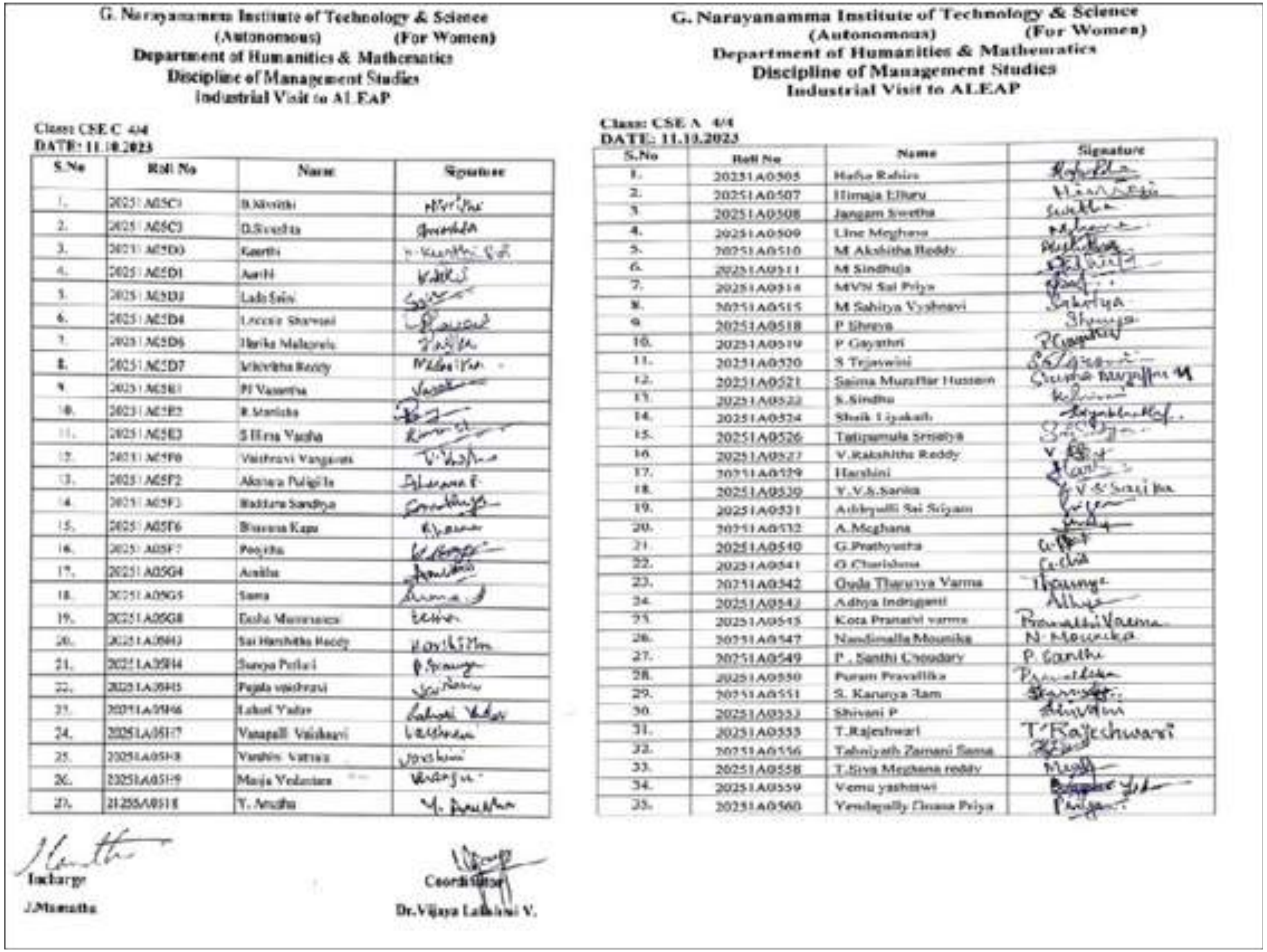
Facility Tour:

The comprehensive tour of ALEAPs facilities was undoubtedly a highlight of the visit. This journey through the heart of ALEAP unveiled a diverse array of areas and initiatives that underpin the organizations ethos. Noteworthy aspects of the tour included:

- The expansive jute printing and weaving stations that not only showcased the intricacies of traditional craftsmanship but also demonstrated a commitment to sustainable practices.
- The food processing units, a testament to the pivotal role of agribusiness and food innovation within ALEAPs mission.

- An in-house aquaculture setup, masterfully designed to promote sustainable practices and innovative aquaculture technology, which resonates deeply with the organizations dedication to environmental and economic sustainability.

Figure:2.2.4.10 Industrial visit to ALEAP



G. Narayanamma Institute of Technology & Science
(Autonomous) (For Women)
Department of Humanities & Mathematics
Discipline of Management Studies
Industrial Visit to ALEAP

Class: CSE C 4/4
DATE: 11.10.2023

S.No	Roll No	Name	Signature
1.	20251A05C1	B.Nivrithi	Nivrithi
2.	20251A05C3	D.Sreesha	Sreesha
3.	20251A05D0	Keerthi	K. Keerthi Sri
4.	20251A05D1	Aarthi	Aarthi
5.	20251A05D3	Lala Sri	Sri
6.	20251A05D4	Leena Sharvani	Sharvani
7.	20251A05D6	Harika Malapala	Harika
8.	20251A05D7	Nikhitha Reddy	Nikhitha
9.	20251A05E1	Pl Vasantha	Vasantha
10.	20251A05E2	R Manisha	
11.	20251A05E3	S Hima Varsha	
12.	20251A05F0	Vaishnavi Vangoori	V Vaishnavi
13.	20251A05F2	Akshara Puligilla	Akshara P
14.	20251A05F3	Baddam Sandhya	Sandhya
15.	20251A05F6	Bhavana Kapu	K.Bhavana
16.	20251A05F7	Poojitha	
17.	20251A05G4	Anitha	Anitha
18.	20251A05G5	Sama	Sama
19.	20251A05G8	Disha Munnisa	
20.	20251A05H3	Sai Harshitha Reddy	Harshitha
21.	20251A05H4	Sravya Pulluri	P.Sravya
22.	20251A05H5	Pujala vaishnavi	Vaishnavi
23.	20251A05H6	Lahari Yadav	Lahari Yadav
24.	20251A05H7	Vanapalli Vaishnavi	Vaishnavi
25.	20251A05H8	Varshini Vattala	Varshini
26.	20251A05H9	Manju Vedantam	Vedanju
27.	21255A0518	Y. Anusha	Y. Anusha

Incharge
J.Mamatha

Coordinator
Dr.Vijaya Lakshmi V.

G. Narayanamma Institute of Technology & Science
(Autonomous) (For Women)
Department of Humanities & Mathematics
Discipline of Management Studies
Industrial Visit to ALEAP

Class: CSE A 4/4
DATE: 11.10.2023

S.No	Roll No	Name	Signature
1.	20251A0505	Hafsa Rahim	
2.	20251A0507	Himaja Elluru	Himaja
3.	20251A0508	Jangam Swetha	Swetha
4.	20251A0509	Line Meghana	Meghana
5.	20251A0510	M Akshitha Reddy	
6.	20251A0511	M Sindhuja	
7.	20251A0514	MVN Sai Priya	
8.	20251A0515	M Sahitya Vyshnavi	Sahitya
9	20251A0518	P Shreya	Shreya
10.	20251A0519	P Gayathri	P Gayathri
11.	20251A0520	S Tejaswini	S Tejaswini
12.	20251A0521	Saima Muzaffar Hussain	Saima Muzaffar H
13.	20251A0522	S.Sindhu	
14.	20251A0524	Shaik Liyakath	
15.	20251A0526	Tatipamula Srisatya	
16.	20251A0527	V.Rakshitha Reddy	V
17.	20251A0529	Harshini	
18.	20251A0530	Y.V.S.Sarika	Y V S Sarika
19.	20251A0531	Addepalli Sai Sriyam	
20.	20251A0532	A.Meghana	
21.	20251A0540	G.Prathyusha	
22.	20251A0541	G.Charishma	
23.	20251A0542	Guda Tharunya Varma	Tharunya
24.	20251A0543	Adhya Indriganti	Adhya
25.	20251A0545	Kota Pranathi varma	Pranathi Varma
26.	20251A0547	Nandimalla Mounika	N Mounika
27.	20251A0549	P. Santhi Choudary	P. Santhi
28.	20251A0550	Puram Pravallika	Pravallika
29.	20251A0551	S. Kanuya Ram	
30.	20251A0553	Shivani P	Shivani
31.	20251A0555	T.Rajeshwari	T'Rajeshwari
32.	20251A0556	Tahniyath Zamani Sama	
33.	20251A0558	T.Siva Meghana reddy	Megha
34.	20251A0559	Vemu yashaswi	
35.	20251A0560	Yendapally Gnana Priya	

Figure 2.2.4.11: Snapshot of list of students visited to ALEAP

Report on IDBRT Conducted Program on Financial Literacy and Cyber security Awareness

Total number of participants attended the IDBRT: 19

Program Inaugural Address given by Smt K. Nikhila Regional Director for Telangana and Director IDBRT.

Information given an RBI services to the various Banks and services for people. Table 2.2.4.13 gives the list of Students Visited IDBRT. Dr. Abhishek Thakur faculty, IDBRT, explained about the importance on Digitization, why digitization is important, How digitization helps the people in day-to-day transformation of information and transactions done daily as comparing to the without digitization earlier.Figure 2.2.4.12 shows Industrial visit to IDBRT

Dr. Rajarshi Pal, Faculty IDRBIT has explained about how to use internet securely, how to protect yourself from hacking and identify various types attacks.Overall, the program is very informative to the students.

Table 2.2.4.13: List of Students Visited IDBRT

S.No	RollNo	Name
1	21251A0560	Deekshitha
2	21251A0559	Manisha
3	21251A0562	Tejaswini
4	21251A0547	Gayatri
5	21251A0537	Susrutha
6	21251A0505	Swetha
7	21251A0566	Srujana
8	21251A0567	Reethu Bhavani
9	21251A0581	Harini
10	21251A0582	Kalpana
11	21251A0599	Pranavi
12	21251A05A2	Apoorva
13	21251A0575	Sireesha
14	21251A05B4	Sravya
15	21251A0570	Poojitha
16	21251A05J2	P.Divya
17	21251A05E9	M.Laxshmi Pasanna
18	21251A05D1	Madhu
19	21251A05K1	T.Srija

Figure 2.2.4.12: Industrial visit to IDBRT

Company Visit Report – **Bosch Global Software Technologies (BGSW**)
Date: March 6, 2024
Location: Bosch Software Technologies Campus

Silpa Gram Craft Village My Home Bhooja,

Silpa Gram Craft Village, Raidurg,

Hyderabad, Telangana 500081

Introduction:

On March 6, 2024, we a group of 15 students from various branches of G. Narayanamma Institute of Technology and Science (GNITS) had the privilege to visit Bosch global Software Technologies as part of Womens Day celebrations. The visit aimed to provide us with insights into the companys operations, promote gender diversity in the tech industry, and foster networking among students

Session Overview:

The session commenced with welcoming remarks from Praneeth Naran and his team Bhargavi tummula, and Harish goud , who introduced us to Boschs culture and values. Through interactive activities and icebreakers, we had the opportunity to engage with students from different colleges, enhancing our networking skills and expanding our professional connections.

Presentations:

Amjad Khan Patan, Shilpa Rajan, and Rajendra delivered insightful presentations on various topics, including the role of women in the workforce, Lakehouse's in Microsoft fabric, story of flash boot loader and Boschs products and services. Their talks highlighted Boschs commitment to diversity and inclusion and its efforts to empower women in technology. Moreover, they showcased Boschs innovative solutions and the companys contributions to shaping the future of technology

Bosch labs:

During our visit to Bosch Labs, we were privileged to learn about Electronic Control Units (ECUs) and their pivotal role in automotive systems. Additionally, we gained insights into the implementation of Firmware Over-The-Air (FOTA) updates, exploring the intricate steps involved in programming these services.

Interactive Sessions:

Throughout the visit, we participated in interactive sessions where we could ask questions, share our thoughts, and engage in discussions with Bosch employees. These sessions provided valuable insights into the companys work culture, career opportunities, and technological advancements. It was inspiring to hear firsthand experiences from professionals in the industry and learn about their journey at Bosch.

Networking Opportunities:

During breaks and informal gatherings, we had the chance to network with Bosch employees, exchange ideas, and learn from their experiences. These interactions were invaluable in gaining insights into career paths, industry trends, and potential opportunities for collaboration.

Lunch and Goodies:

Bosch Software Technologies generously provided us with a delicious lunch, allowing us to recharge and socialize with fellow students and employees. Additionally, we were delighted to receive goodies as tokens of appreciation, further enhancing our experience during the visit.

Conclusion:

The visit to Bosch Global Software Technologies was both educational and inspiring, offering us a glimpse into the dynamic world of technology and innovation. We extend our gratitude to the management team, speakers, and employees of Bosch for their warm hospitality and for imparting valuable knowledge and insights. The visit served as a catalyst for our personal and professional growth, motivating us to pursue careers in technology with passion and dedication.

We would like to extend our heartfelt gratitude to the GNITS placement cell for giving this wonderful opportunity for us to visit Bosch Software Technologies. Figure 2.2.4.13 shows Industrial visit to BOSCH

BOSCH
BOSCH
Hyderabad, Telangana, India

Figure 2.2.4.13: Industrial visit to BOSCH

2.2.5 Initiatives related to industry internship/summer training (10) Institute Marks : 10.00

2.2.5. Initiatives related to industry internship/summer training

A. Industrial training/tours for students (2)

We are excited to announce our latest endeavour in enhancing student’s career prospects: industry collaborations with our placement cell. These partnerships are designed to bridge the gap between academia and industry, offering invaluable opportunities to gain real-world insights, experiences, and connections.

1. PwC Women Leadership Development Program:

PwCs Women Leadership Development Program is a unique initiative aimed at fostering leadership skills among female students. This program offers mentorship, workshops, and networking opportunities specifically tailored to empower women in their professional journeys. Participants will have the chance to engage with successful women leaders from PwC, gaining valuable insights and guidance to navigate the corporate world with confidence and resilience. Through this program, students will develop essential leadership qualities, enhance their career prospects, and contribute to building a more inclusive and diverse workforce. Figure.2.2.5.1 shows PwC Women Leadership Development Program Photos

Figure 2.2.5.1 PwC Women Leadership Development Program Photos

2. Microns Full Stack Development Curriculum Initiative:

Microns initiative on Full Stack Development offers students a comprehensive 40-hour course curriculum designed to equip them with the skills and knowledge necessary to excel in this in-demand field. Through hands-on training and practical exercises, participants will learn the fundamentals of front-end and back-end development, database management, and software engineering principles. By completing this program, students will emerge as proficient full-stack developers, ready to tackle complex projects and contribute effectively to the tech industry.

FULL STACK DEVELOPMENT

Figure.2.2.5.2: Microns Full Stack Development Curriculum Initiative Launch Program

3. Carrier Technologies Training Programs:

Carrier Technologies provides various training programs like Cloud technologies like AWS, Azure, Google Cloud and Cyber Security are aimed at preparing students for the challenges of the modern workplace. These programs cover a range of technical and soft skills essential for success in the IT industry. From programming languages and software development methodologies to communication skills and teamwork, participants will receive comprehensive training tailored to meet industry standards. Carrier Technologies programs are designed to bridge the gap between academic learning and industry requirements, ensuring that students are well-prepared to embark on successful careers in technology.

4. EPAMs Industry-Ready Training Initiatives:

EPAM offers specialized training programs in key areas of technology, including Java, .Net, Web technologies, and Test automation. These programs are meticulously crafted to equip students with in-depth knowledge and practical skills relevant to each domain. Participants will undergo comprehensive training, hands-on projects, and mentorship to become proficient in their chosen field. By completing EPAMs training initiatives, students will emerge as highly skilled professionals ready to excel in Java development, .Net frameworks, web technologies, or test automation, positioning themselves for success in the ever-evolving tech industry. Figure 2.2.5.3 shows Sample EPAM Course Completion Certificates.

EPAM offered the above mentioned courses in various technologies, and the following students have been shortlisted based on their proficiency:

Dot Net: 13 students

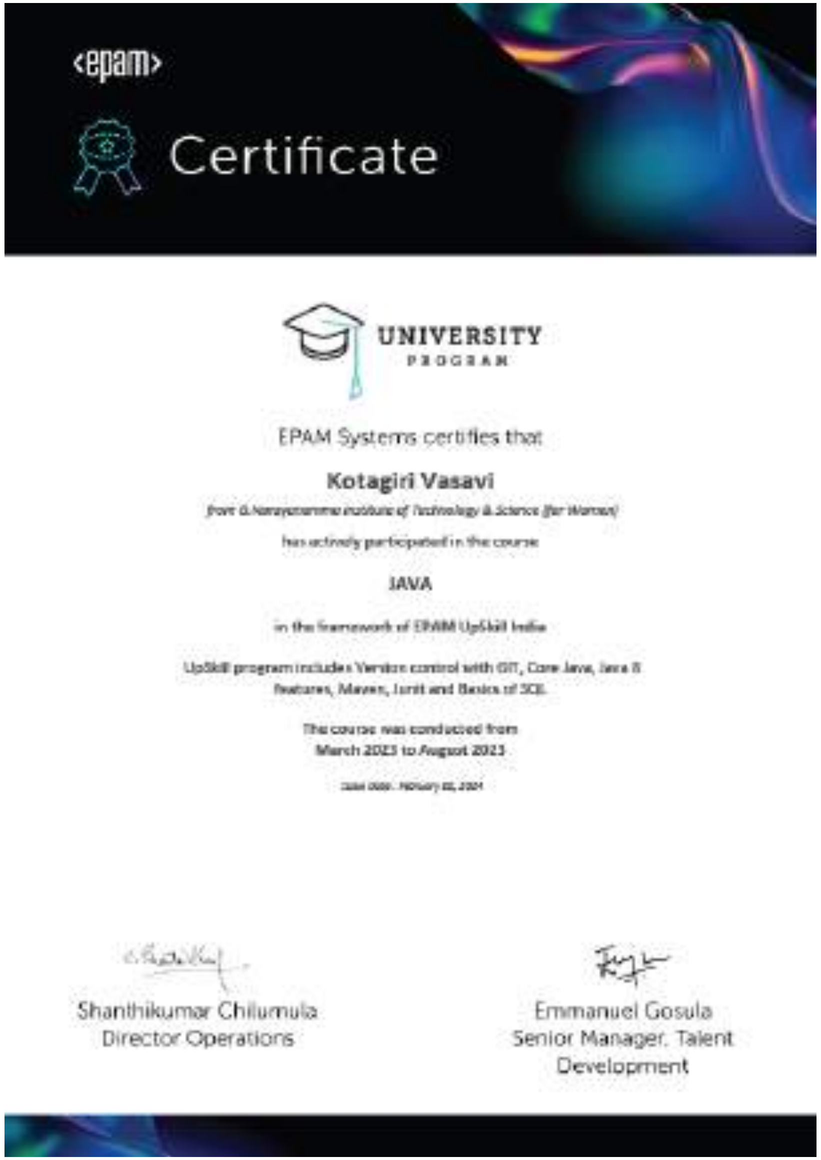
Cloud and DevOps: 16 students

Front End technologies: 16 students

Java: 23 students

Test and Automation: 3 students

These students have demonstrated competence in their respective fields through successful completion of the courses.



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Certificate

UNIVERSITY
PROGRAM

EPAM Systems certifies that

Kotagiri Vasavi

from G.Narayanamma Institute of Technology & Science (for Women)

has actively participated in the course

JAVA

in the framework of EPAM UpSkill India

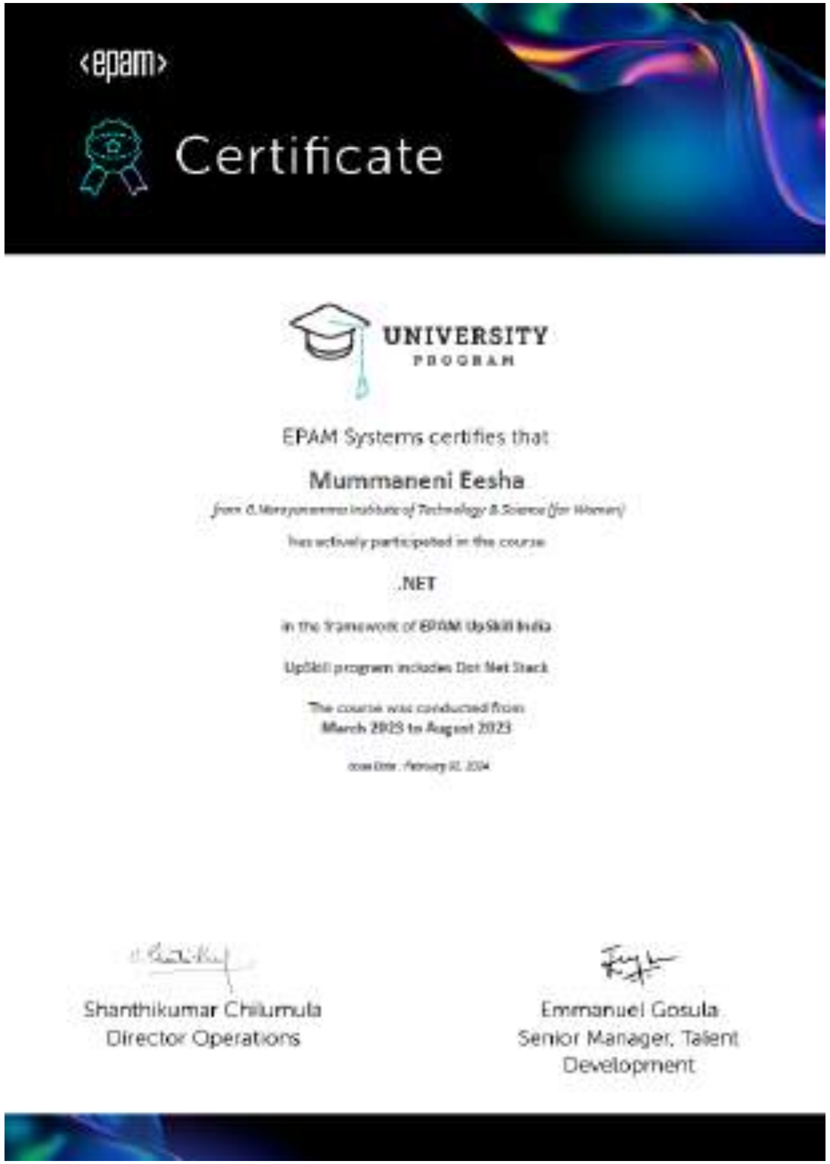
UpSkill program includes Version control with GIT, Core Java, Java 8 features, Maven, Junit and Basics of SQL

The course was conducted from
March 2023 to August 2023

[illegible] - February 02, 2024

Shanthikumar Chilumula
Director Operations

Emmanuel Gosula
Senior Manager, Talent Development



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Certificate

UNIVERSITY
PROGRAM

EPAM Systems certifies that

Mummaneni Eesha

from G.Narayanamma Institute of Technology & Science (for Women)

has actively participated in the course

.NET

in the framework of **EPAM UpSkill India**

UpSkill program includes Dot Net Stack

The course was conducted from
March 2023 to August 2023

Issue Date : February 01, 2024

Shanthikumar Chilumula
Director Operations

Emmanuel Gosula
Senior Manager, Talent Development

Figure 2.2.5.3: Sample EPAM Course Completion Certificates

5. JPMC Gemstones Program:

JP Morgan Chase, in collaboration with NIIT, has launched the Gemstones program, an industry institute training initiative. **Figure 2.2.5.4** shows JPMC Gemstone Launching Program & Figure: 2.2.5.5 represents JPMC Gemstones Program in association with StackRoute NIIT Completion Certificates.

Twenty students from GNITS have been selected by JPMC to participate in this program. The schedule for the program is as follows:

Week 1: Full 5-day training managed by JPMC

Week 2 and 3: Hands-on training by students themselves

Week 4: Full 5-day training managed by JPMC

Week 5 and 6: Hands-on training by students

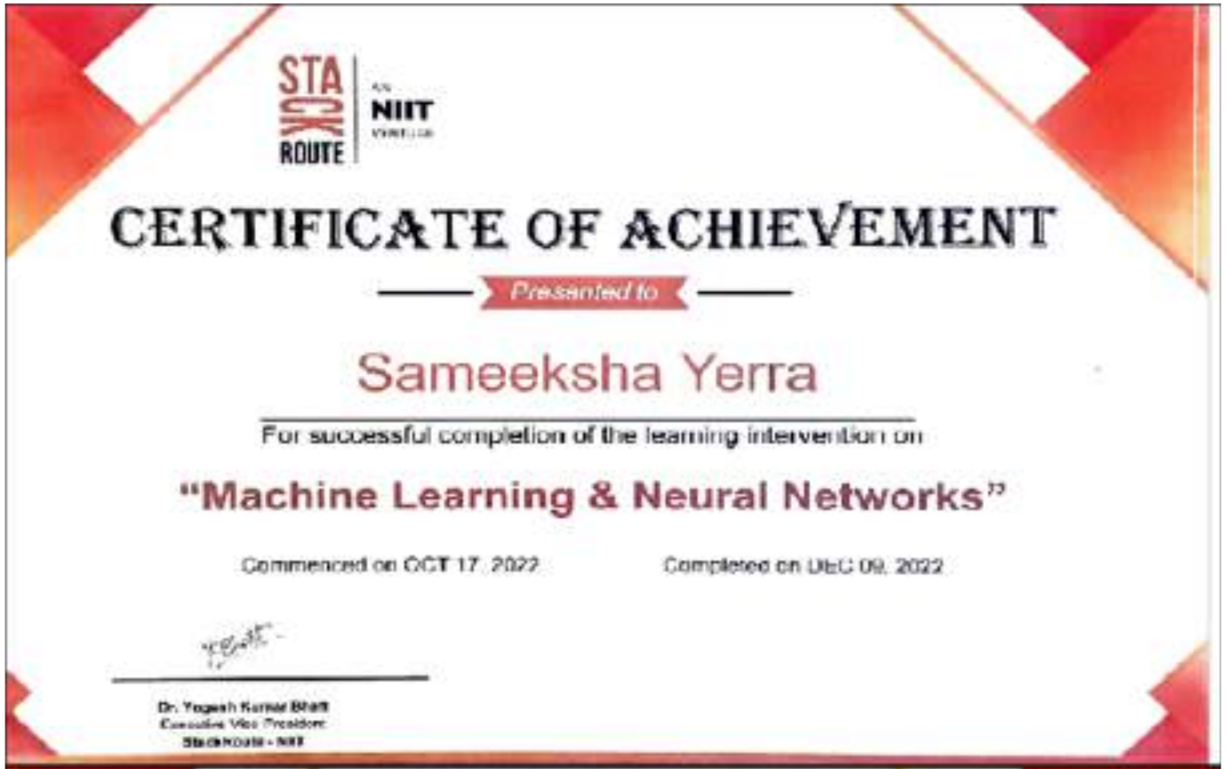
Week 7: Full 5-day training with doubts clarification managed by JPMC

Week 8: Closure and certificate distribution to all who have completed the certification program.

This structured program aims to provide comprehensive training and practical experience to the selected students, culminating in certification from JP Morgan Chase.

JPMORGAN CHASE & CO.

Figure 2.2.5.4 JPMC Gemstone Launching Program



STACK ROUTE

NIIT

CERTIFICATE OF ACHIEVEMENT

Presented to

Sameeksha Yerra

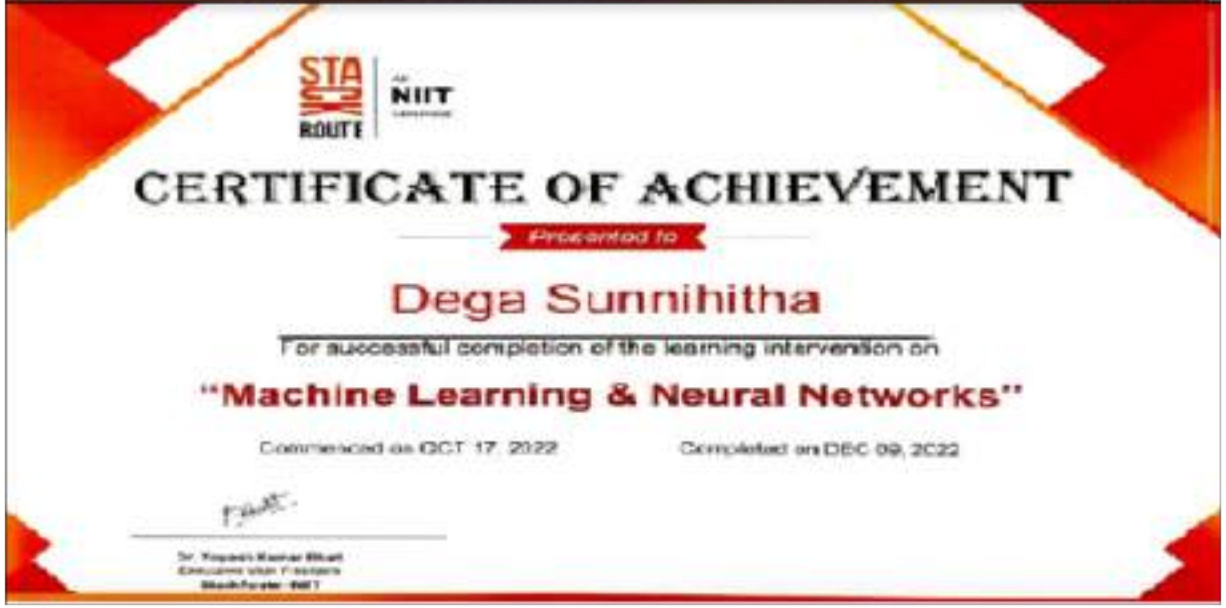
For successful completion of the learning intervention on

"Machine Learning & Neural Networks"

Commenced on OCT 17, 2022

Completed on DEC 09, 2022

Dr. Yogesh Kumar Bhatt
Executive Vice President
StackRoute - NIIT



STACK ROUTE

NIIT

CERTIFICATE OF ACHIEVEMENT

Presented to

Dega Sunnihitha

For successful completion of the learning intervention on

"Machine Learning & Neural Networks"

Commenced on OCT 17, 2022

Completed on DEC 09, 2022

Dr. Yogesh Kumar Bhatt
Executive Vice President
StackRoute - NIIT

Figure: 2.2.5.5 JPMC Gemstones Program in association with StackRoute NIIT Completion Certificates

B. Industrial /internship /summer training of more than two weeks and post training Assessment (3)

Table 2.2.5.1 represents the summary of no. of Students got internships for the last three years, while Table 2.2.5.2gives the data of No. of Companies offered Internships for the last three years. Figure 2.2.5.6: No. of Student internships for the last three years. Figure 2.2.5.7 gives No. of Companies offered Internships for the last three years. Table 2.2.5.3 Top Internships for the A.Y: 2022-23, Table 2.2.5.6: Top Internships for the A.Y: 2020-21 , Figure 2.2.5.8 Represents Stipend Range Vs Student Count , Figure 2.2.5.9 Mrs Sri Eesha Kavuri (Roll No: 20211A05C6) III B Tech student got Microsoft internship.Figure 2.2.5.10 Mrs Keerthana Pravallika S (Roll No: 19251A05B1) III B Tech student got Twilio internship.

Table 2.2.5.1: No. of Students got internships for the last three years

S.No	Academic Year	No.of Internships
1	2022-23	165
2	2021-22	157
3	2020-21	132

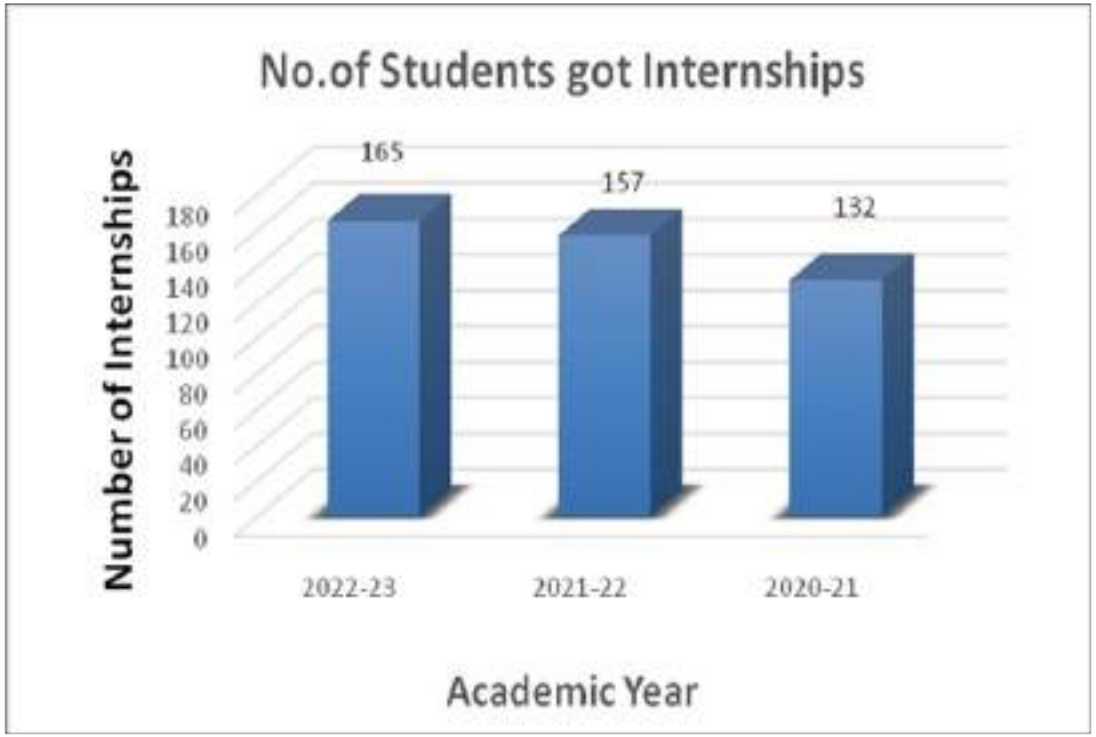


Figure 2.2.5.6: No. of Student internships for the last three years

Table 2.2.5.2 No. of Companies offered Internships for the last three years

S.No	Academic Year	No.of Companies
1	2022-23	56
2	2021-22	55
3	2020-21	45

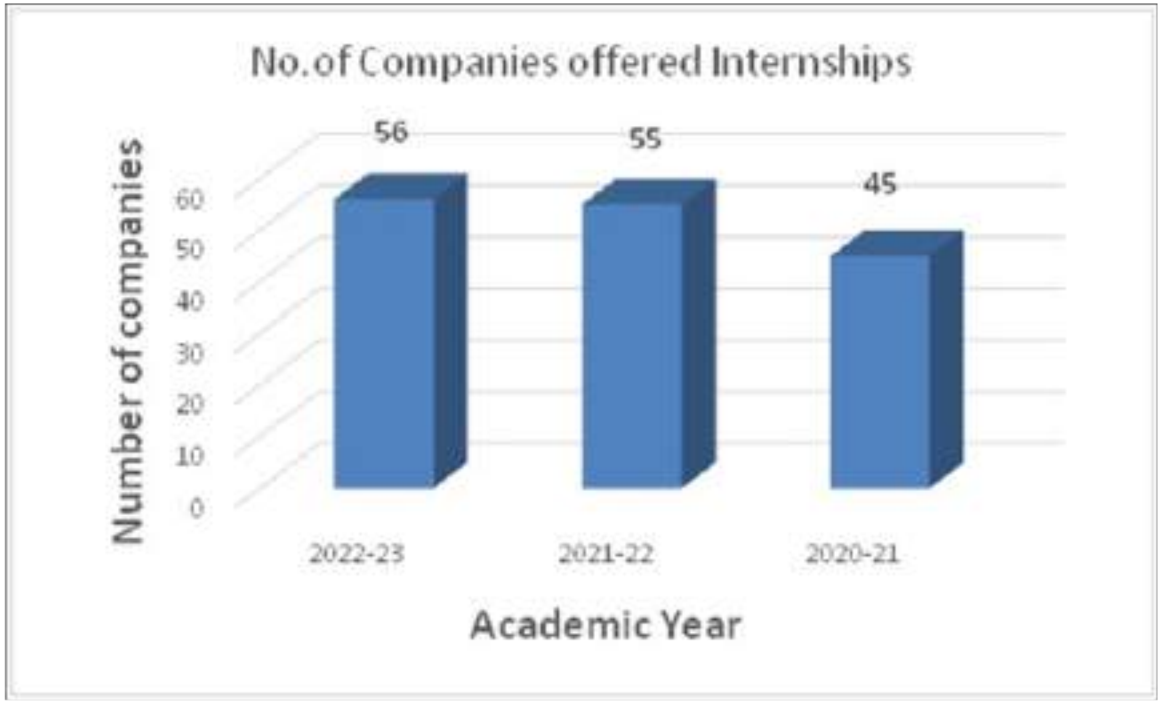


Figure 2.2.5.7 No. of Companies offered Internships for the last three years

Table 2.2.5.3 Top Internships for the A.Y: 2022-23

S.No.	Roll Number	Name of the Student	Title of Internship	Name of the company offering internship	Stipend / Month (INR)
1	20211A05C6	Sri Eesha Kavuri	Intern	Microsoft	₹ 1,25,000
2	20251A6646	Joy Princy Kore	Intern	Microsoft	₹ 1,25,000
3	20251A6647	Neha Kothakota	Intern	Microsoft	₹ 1,25,000

4	20251A6748	Venkata Sai Satya Kommajosyula	Intern	Microsoft	₹ 1,25,000
5	20251A0507	Himaja Elluru	Intern	Salesforce	₹ 1,25,000
6	19251A0520	Dondeti Pavani	Software Engineer Intern	D.E.Shaw	₹ 1,02,083
7	20251A6711	Harika Kacharla	Intern	PayPal	₹ 1,00,000
8	20251A6730	Sameeksha Yerra	Intern	PayPal	₹ 1,00,000
9	19251A0571	Dhanya Bodapati	Intern	Morgan Stanley	₹ 87,000
10	20251A0505	Hafsa Rahim	Software Engineer Intern	JP Morgan Chase	₹ 70,000
11	20251A0511	Sindhuja Mudunuru	Software Engineer Intern	JP Morgan Chase	₹ 70,000
12	20251A0530	Venakata Satya Sarika Yegireddi	Software Engineer Intern	JP Morgan Chase	₹ 70,000
13	20251A0540	Prathyusha Gaddam	Software Engineer Intern	JP Morgan Chase	₹ 70,000
14	20251A0553	Shivani P	Software Engineer Intern	JP Morgan Chase	₹ 70,000
15	20251A0591	Beeram Deekshitha	Software Engineer Intern	JP Morgan Chase	₹ 70,000
16	20251A05F0	Vaishnavi Vangaveti	Software Engineer Intern	JP Morgan Chase	₹ 70,000

17	20251A6629	Sai Raja Varshitha Yenigalla	Software Engineer Intern	JP Morgan Chase	₹ 70,000
18	20251A6645	Komal Jain	Software Engineer Intern	JP Morgan Chase	₹ 70,000
19	20251A6702	Varshini Akula	Software Engineer Intern	JP Morgan Chase	₹ 70,000
20	20251A6742	Meghana Gajji	Software Engineer Intern	JP Morgan Chase	₹ 70,000
21	20251A0520	Tejaswini Srikanth	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
22	20251A0532	Meghana Akurathi	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
23	20251A0561	Meghana Ayyala Somayajula	Intern - Associate Software Engineer	ServiceNow	₹ 70,000

24	20251A6610	Sukanya Devi Gurram	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
25	20251A6714	Shirisha Reddy Madduri	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
26	20251A6719	Spoorthi Pandhiri	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
27	20251A6727	Shreya Arukala	Intern - Associate Software Engineer	ServiceNow	₹ 70,000
28	19251A0501	A Sai Sravya	Software Engineer Intern	JP Morgan Chase	₹ 70,000
29	19251A0504	Alugubelly Shivani Reddy	Software Engineer Intern	JP Morgan Chase	₹ 70,000
30	19251A0514	Chepuri Sai Tejaswini	Software Engineer Intern	JP Morgan Chase	₹ 70,000

31	19251A0554	Shreya Reddy S	Software Engineer Intern	JP Morgan Chase	₹ 70,000
32	19251A0556	Suram Rishika Reddy	Software Engineer Intern	JP Morgan Chase	₹ 70,000
33	19251A0580	Vandana Elaprolu	Software Engineer Intern	JP Morgan Chase	₹ 70,000
34	19251A05B5	Suvvada Divya	Software Engineer Intern	JP Morgan Chase	₹ 70,000
35	19251A05G7	Rajoli Lakshmi Krithika	Software Engineer Intern	JP Morgan Chase	₹ 70,000
36	19251A05J0	Yada Vaishnavi	Software Engineer Intern	JP Morgan Chase	₹ 70,000
37	19251A0565	Arpita Bejugam	Software Engineer Intern	JP Morgan Chase	₹ 70,000
38	19251A0526	Gayatri Shambhu Shastri	Software Engineer Intern	JP Morgan Chase	₹ 70,000
39	19251A0541	Modem Keerthana	Software Engineer Intern	JP Morgan Chase	₹ 70,000
40	19251A05D1	Bashetty Shreya	Software Engineer Intern	JP Morgan Chase	₹ 70,000

41	19251A0512	Ch Venkateshan Naga Saisriya	Intern	Amazon AWS	₹ 50,000
42	19251A0524	G Varshini	Intern	Amazon AWS	₹ 50,000
43	19251A0552	Shaista Firdouse	Intern	Amazon AWS	₹ 50,000
44	19251A0521	Donepudi Sri Vennela	Intern Technical	AT&T	₹ 45,356
45	19251A0533	Kothakapu Arpitha	Intern Technical	AT&T	₹ 45,356
46	19251A05E2	Gaddam Sathwika	Intern	Cloudera	₹ 45,000
47	20251A0579	Chandana Reddy Ramidi	Intern	Providence	₹ 40,000
48	20251A0589	Niharika Vangaveeti	Intern	Providence	₹ 40,000
49	20251A0594	Abhigna Bollam	Intern	Providence	₹ 40,000
50	20251A05B7	Sai Pallavi Sistla	Intern	Providence	₹ 40,000
51	20251A05H6	S. Lahari Yadav	Intern	Providence	₹ 40,000
52	20251A6644	sudeepthi kalisapudi	Intern	Providence	₹ 40,000
53	20251A6656	Bindu Sree Singamsetty	Intern	Providence	₹ 40,000
54	20251A6731	Siri Vennela Badhe	Intern	Providence	₹ 40,000
55	20251A6734	Shreya Chanda	Intern	Providence	₹ 40,000
56	19251A0581	E.Deepika	Trainee	Experian	₹ 40,000
57	19251A05B7	Sreehitha Thatwadi	Trainee	Experian	₹ 40,000
58	19251A05E5	G. Dharani	Trainee	Experian	₹ 40,000
59	19251A05H7	Vundavelly Gayathri	Trainee	Experian	₹ 40,000
60	19251A0599	Muduganti Sathwika	Intern	HackerRank	₹ 40,000
61	19251A0536	Madda Sharanya	Intern	Providence	₹ 40,000
62	19251A05C2	Afshan Khan	Intern	Providence	₹ 40,000
63	19251A05A7	Preethika Chennareddy	Intern	Providence	₹ 40,000

64	19251A05C3	Alla Monika	Software Engineer Intern	PWC	₹ 35,000
65	19251A05B2	Satwika Lankireddy	Intern	ABInBev	₹ 30,000
66	20255A0509	Kiranmayee Gangalam	Intern	ABInBev	₹ 30,000
67	19251A0590	K Sai Sreelekha	Intern	Informatica	₹ 30,000
68	19251A0576	D.Pravalika	Intern	Informatica	₹ 30,000
69	19251A05F0	K. Swarna Savitri	Intern	Informatica	₹ 30,000
70	19251A0539	Manusree Cheruvu	Trainee	State Street	₹ 30,000
71	19251A0542	Mogudampally Jyothika	Trainee	State street	₹ 30,000
72	19251A0546	Padala Kavya	Trainee	State Street	₹ 30,000
73	19251A0569	Bhavana Reddy Kanthala	Trainee	State Street	₹ 30,000
74	19251A0594	Lakavath Likhitha	Trainee	State Street	₹ 30,000
75	19251A05E4	G.Sai Sindhuja	Trainee	State Street	₹ 30,000
76	20255A0501	Thotla Shivani	Trainee	State Street	₹ 30,000
77	20255A0513	Thalla Sahithi	Trainee	State Street	₹ 30,000
78	19251A05D2	C Sharika Reddy	Intern	Verisk Analytics	₹ 30,000

Table 2.2.5.4:Stipend range and student count for Academic Years 2022-23,2021-22 and 2020-21

Stipend Range	2022-23	2021-22	2020-21
Below 20000	15	32	23

20001-50000	61	97	73
50001-100000	34	9	5
Above 1Lakh	6	2	0
Unpaid	49	17	31
Total	**165**	**157**	**132**

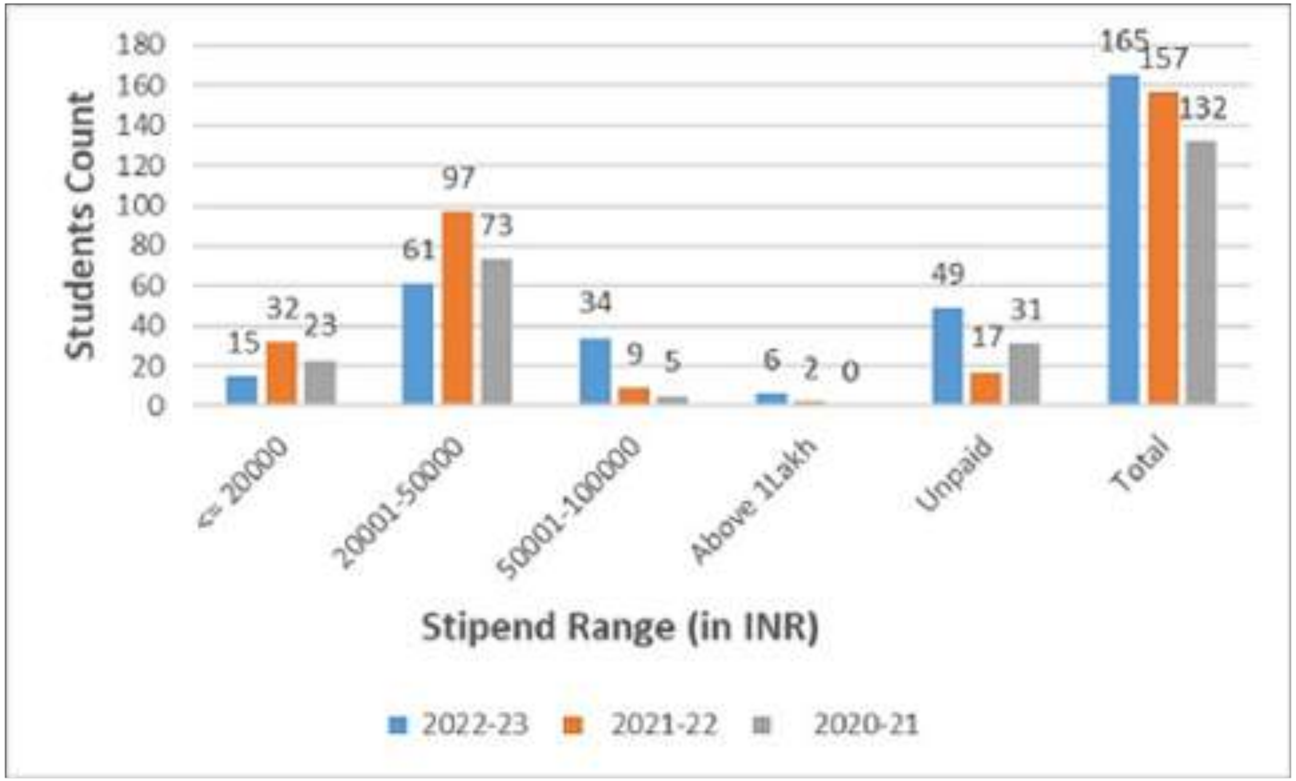


Figure 2.2.5.8 Stipend range Vs Student Count

Table 2.2.5.5: Top Internships for the A.Y: 2021-22

S.No.	**Roll Number**	**Name of the Student**	**Title of Internship**	**Name of the company offering internship**	**Stipend / Month (INR)**
1	19251A05A0	Nagapuri Charitha	Software Engineer Intern	Twilio, Banglore	₹ 1,22,325

2	19251A05B1	Samudrala Keerthana Pravallika	Software Engineer Intern	Twilio, Banglore	₹ 1,22,325
3	18251A0547	M S V L Sasirekha	Intern	Flipkart, Banglore	₹ 1,00,000
4	18251A05F9	Ikkurthi Keertana	Intern	Flipkart, Banglore	₹ 1,00,000
5	18251A05C1	Sree Meghana A	Intern	Flipkart, Banglore	₹ 1,00,000
6	18251A0546	Meghana Meda	Intern - Associate Software Engineer	Service Now, Hyderabad	₹ 70,000
7	18251A0546	Meghana Meda	Intern - Associate Software Engineer	Service Now, Hyderabad	₹ 70,000
8	18251A0576	Simritha M	Intern - Associate Software Engineer	Service Now, Hyderabad	₹ 70,000
9	18251A0594	Nainisha Bandlamudi	Intern - Associate Software Engineer	Service Now, Hyderabad	₹ 70,000

10	18251A05H9	Vootla Gouthami	Intern - Associate Software Engineer	Service Now, Hyderabad	₹ 70,000
11	18251A0525	Sarasani Sahaja	Intern	Bank of America, Hyderabad	₹ 53,750
12	18251A0561	Aakifah Batool	Intern	Amazon (CSA), Hyderabad	₹ 50,000
13	18251A0577	Sri Vidya Maddipati	Intern	Amazon (CSA), Hyderabad	₹ 50,000
14	18251A05C5	Boorla Sowjanya	Intern	Amazon (CSA), Hyderabad	₹ 50,000
15	18251A05H4	Sravani Kaligotla	Intern	Amazon (CSA), Hyderabad	₹ 50,000
16	18251A0516	Manaswini M	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
17	18251A0523	P Ramya Sree Sai	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
18	18251A0527	Tejasri Pallati	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
19	18251A0552	Rishitha Pendyala	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
20	18251A0562	A. Sri Harshitha	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

21	18251A05A7	Mansi AG	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
22	18251A05C4	Bashetty Srija	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
23	18251A05D3	Manne Reshma	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
24	18251A05D5	Ankitha Mekala	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
25	18251A05G2	Amulya Mamidala	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
26	18251A05G5	Mikkilineni Aarthi	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
27	19255A0503	Rapaka Suma	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
28	18251A0530	Madhuri Veeramreddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
29	18251A0532	Asritha Reddy Adireddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
30	18251A0537	Irukulla Shivani	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

31	18251A0542	Chandana Kondaveeti	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
32	18251A0551	Vyshnavi Pabba	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
33	18251A0563	Anugu Rishika Reddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
34	18251A0568	Pushpanjali Divi	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
35	18251A0583	Nikitha Aleti	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
36	18251A0598	Subhankari Thakral	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
37	18251A05B4	Samhitha nagavani K	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
38	18251A05B8	Thanusha Panchati	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
39	18251A05E7	Shubhasri Vanam	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
40	18251A05F7	Dindi Divya	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

41	18251A05G6	Swetha Mudiga	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
42	18251A05H8	Alekhya Vanga	Software Engineer Intern	Vmware, Hyderabad	₹ 50,000
43	18251A05G9	Chandana Patnala	Software Engineer Intern	Vmware, Hyderabad	₹ 50,000
44	18251A0505	Dhuduri Sahithi	Software Engineer Intern	Vmware, Hyderabad	₹ 50,000
45	18251A05A4	Rajyalakshmi Kanchoju	Software Engineer Intern	BNP Paribas, Hyderabad	₹ 50,000
46	18251A0511	Kalyani Bhargavi	Intern	Zscaler, Hyderabad	₹ 50,000
47	19255A0513	Thadka S Keerthika	Intern	Zscaler, Hyderabad	₹ 50,000
48	18251A05F1	Aakiti Samhitha	Intern Technical	AT&T	₹ 42,731
49	18251A0529	Vangaveeti Sai Manisha	Intern Technical	AT&T	₹ 42,731
50	19251A0599	Muduganti Sathwika	Intern	HackerRank	₹ 40,000
51	18251A0520	Nenavath Sowmya	Intern	Medtronics, Hyderabad	₹ 40,000
52	18251A05D9	Padigelwar Vaishnavi	Intern	Medtronics, Hyderabad	₹ 40,000
53	19251A0571	Dhanya Bodapati	Intern	Salesforce, Hyderabad	₹ 40,000
54	19251A05D9	DVS Chandana	Intern	Salesforce, Hyderabad	₹ 40,000

55	18251A05E8	Siri Chandana Ch	Intern	DUPONT, Hyderabad	₹ 35,000
56	18251A0513	K Eesha Jahnavi	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
57	18251A0522	Harshitha Boddu	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
58	18251A0534	Chirumala Nikhitha	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
59	18251A0550	Pendyala Sree Sindhooja	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
60	18251A0564	Badini Swetha	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
61	18251A0587	Syeda Tahmeena Kousar	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
62	18251A05B2	Ringu Naga Siromani	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
63	18D21A0516	G.Akhila	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
64	19255A0501	Sruthi Gopi	Software Engineer Intern	PWC, Hyderabad	₹ 35,000

65	19255A0509	Goda.Preethi Reddy	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
66	19255A0516	Ejjigiri Niharika	Software Engineer Intern	PWC, Hyderabad	₹ 35,000
67	18251A05B9	Jahnavi	Intern	Informatica, Banglore	₹ 30,000
68	18251A05C6	Himaja Chinnam	Intern	Informatica, Banglore	₹ 30,000
69	18251A05H7	Vadugula Anudeepa	Intern	Informatica, Banglore	₹ 30,000
70	18251A05F8	Gundam Vihasitha	Intern	Informatica, Banglore	₹ 30,000
71	18251A05C8	G Shriya	Intern	NCR, Hyderabad	₹ 30,000
72	18251A05A2	J Ushasini	Trainee	State Street, Hyderabad	₹ 30,000
73	18251A0504	Chinthala Bhargavi	Trainee	State Street, Hyderabad	₹ 30,000
74	18251A0571	G Jayasree	Trainee	State Street, Hyderabad	₹ 30,000
75	18251A05A9	Asma Khanam Pathan	Intern	Micron, Hyderabad	₹ 30,000
76	18251A05H3	Shafaqath Fatima	Intern	Micron, Hyderabad	₹ 30,000

Table 2.2.5.6: Top Internships for the A.Y: 2020-21

S.No.	Roll Number	Name of the Student	Title of Internship	Name of the company offering internship	Stipend / Month (INR)
1	18251A0582	Sai Prasanna Laxmi Reddy	Intern	Twilio, Banglore	₹ 1,00,000
2	18251A05C9	Ifrah Fathima	Intern	Twilio, Banglore	₹ 1,00,000
3	18251A0563	Rishika Reddy	Intern	Twilio, Banglore	₹ 1,00,000

4	18251A0516	Manswini M	Intern	Adobe	₹ 1,00,000
5	18251A05H5	Sanjana Tadakamadla	Intern	Adobe	₹ 1,00,000
6	18251A0530	Madhuri Veeramreddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
7	18251A0532	Ashritha Reddy Adireddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
8	18251A0537	Irukulla Shivani	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
9	18251A0542	Chandana Kondaveeti	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
10	18251A0551	Vyshnavi Pabba	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
11	18251A0563	Anugu Rishika Reddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
12	18251A0568	Pushpanjali Divi	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
13	18251A0583	Nikitha Aleti	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
14	18251A0598	Shubhankari Thakral	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

15	18251A05B4	Samhitha Nagavani Kuchibhatla	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
16	18251A05C1	Sree Meghana A	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
17	18251A05E7	Shubhasri Vanam	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
18	18251A05F7	Dindi Divya	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
19	18251A05G6	Mudiga Swetha	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
20	18251A05B8	Thanusha Panchati	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
21	17251A05H5	Sakila Peddi	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
22	17251A0514	Kethireddy Akhila Reddy	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
23	17251A0588	Veda Bandikallu	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
24	17251A0582	Lakshmi Manasa Navuduri	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

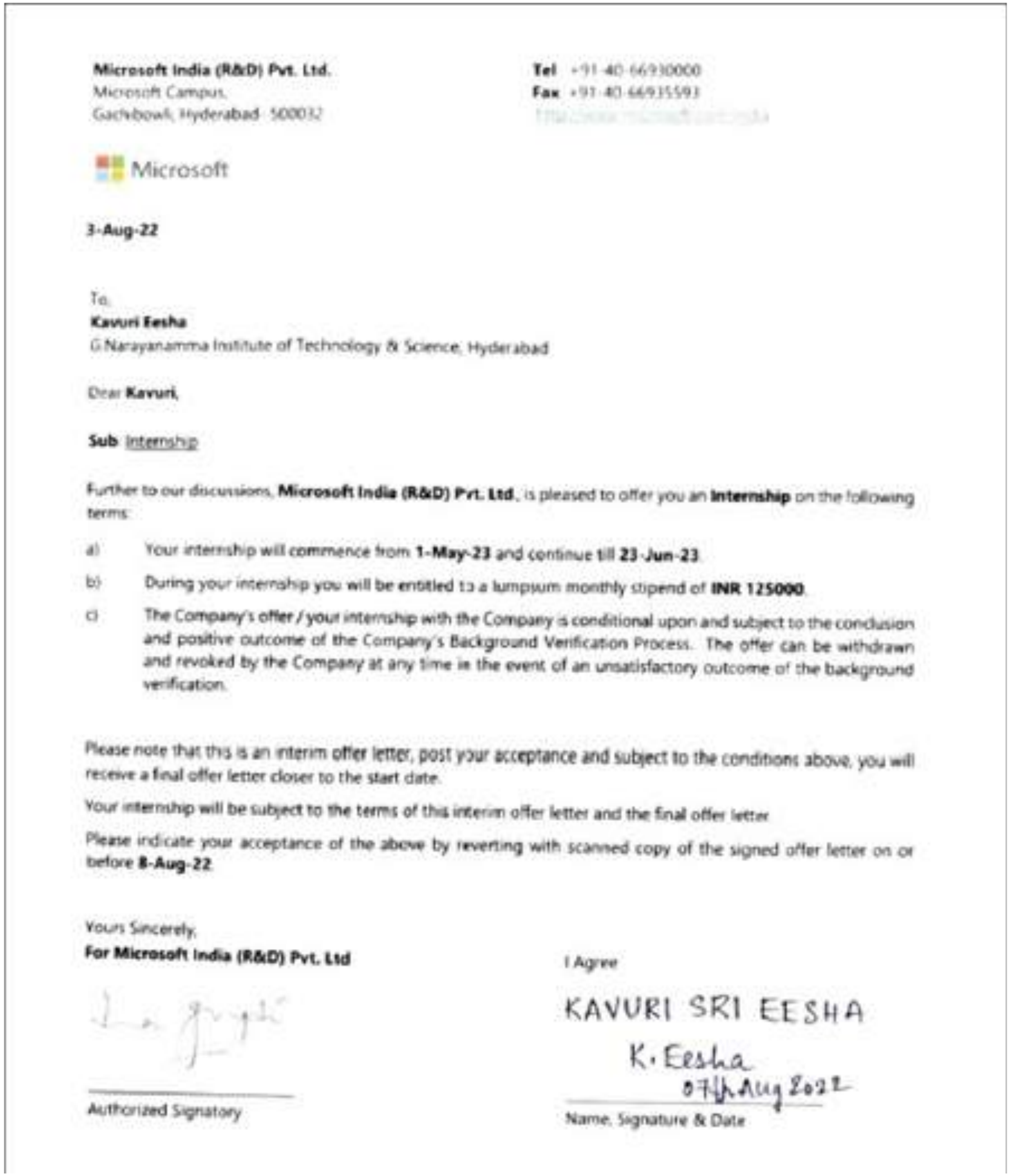
25	17251A0589	Yaramada Akshara	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
26	17251A0513	Naga Jyothi Kanikanti	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
27	17251A0587	Sindhuja Nadgoud	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
28	17251A0594	Avi Jain	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
29	17251A0574	Namitha Konda	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
30	17251A0518	Bhavani Lenkala	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
31	17251A05A2	Gayathri Jaddu	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
32	17251A05E7	Yamini Reddy Telaru	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
33	17251A05F6	Venkata Sri Apurva Dasari	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
34	17251A05H4	Parkhi Niharika	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000

35	17251A0531	Afraah Shaik	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
36	17251A0553	Satvika Eda	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
37	17251A05C9	Srihitha Gandyadapu	Software Engineer Intern	JPMC, Hyderabad	₹ 50,000
38	17251A0501	Aamuktha Aukunooru	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
39	17251A0507	Gali Harshitha	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
40	17251A0581	Sirisha Mattaparthi	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
41	17251A0590	Yaramala Sangeetha	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
42	17251A0597	Dadannagari Sahithi	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
43	17251A05A9	Sujitha Meriga	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
44	17251A05B7	Sneha Reddy Kancherla	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
45	17251A05D0	Gollapalli Lakshmi Sai Sree	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
46	17251A05E6	Sreevidya Makkapati	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
47	17251A05F5	Alekhya Chamanchula	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
48	17251A05H3	Pabba Spandana	Intern	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
49	18251A0560	Y Priya Amrutha	Intern	Amazon	₹ 50,000
50	17251A0515	K S Jhanavi	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000

51	17251A0539	Sravani Gona	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
52	17251A0559	Veda Vanjari	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
53	17251A05C6	Bhavya Singh	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
54	17251A05D1	Gopidi Roohi	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
55	17251A05E9	Veerannagari Akshitha	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
56	17251A05H7	Proddaturi Rashmitha	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000

57	17251A05H9	Ravuri Sai Usha	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
58	17251A0543	Prathyusha Kundavaram	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
59	17251A0552	Sarella Gnana Jyothi	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
60	17251A05A1	G Krishna Priya	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
61	17251A0558	Shravya Vadali	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
62	17251A05E9	Veerannagari Akshita	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000

63	17251A05H7	Proddaturi Rashmitha	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
64	17251A05H9	Ravuri Sai Usha	Intern - Associate Software Engineer	Serive Now, Hyderabad	₹ 45,000
65	17251A0557	Sushmitha Tirumalla	Intern	Salesforce	₹ 40,000
66	19251A0551	B. Pavani Naga Kumari	Intern	Talentsprint	₹ 40,000
67	17251A0539	Gona Sravani	Intern	Expedia Group	₹ 35,000
68	17251A05D7	Kankanala Jyothirmayee	Intern	Factset, Hyderabad	₹ 30,000
69	17251A05F8	Snehitha Domakuntla	Trainee	State Street, Hyderabad	₹ 30,000



Microsoft India (R&D) Pvt. Ltd.
Microsoft Campus,
Gachibowli, Hyderabad - 500032

Tel +91-40-66930000
Fax +91-40-66935593
[illegible]

Microsoft

3-Aug-22

To,
Kavuri Eesha
G.Narayanamma Institute of Technology & Science, Hyderabad

Dear **Kavuri**,

Sub: Internship

Further to our discussions, **Microsoft India (R&D) Pvt. Ltd.**, is pleased to offer you an **Internship** on the following terms:

a) Your internship will commence from **1-May-23** and continue till **23-Jun-23**.

b) During your internship you will be entitled to a lumpsum monthly stipend of **INR 125000**.

c) The Company's offer / your internship with the Company is conditional upon and subject to the conclusion and positive outcome of the Company's Background Verification Process. The offer can be withdrawn and revoked by the Company at any time in the event of an unsatisfactory outcome of the background verification.

Please note that this is an interim offer letter, post your acceptance and subject to the conditions above, you will receive a final offer letter closer to the start date.

Your internship will be subject to the terms of this interim offer letter and the final offer letter.

Please indicate your acceptance of the above by reverting with scanned copy of the signed offer letter on or before **8-Aug-22**.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

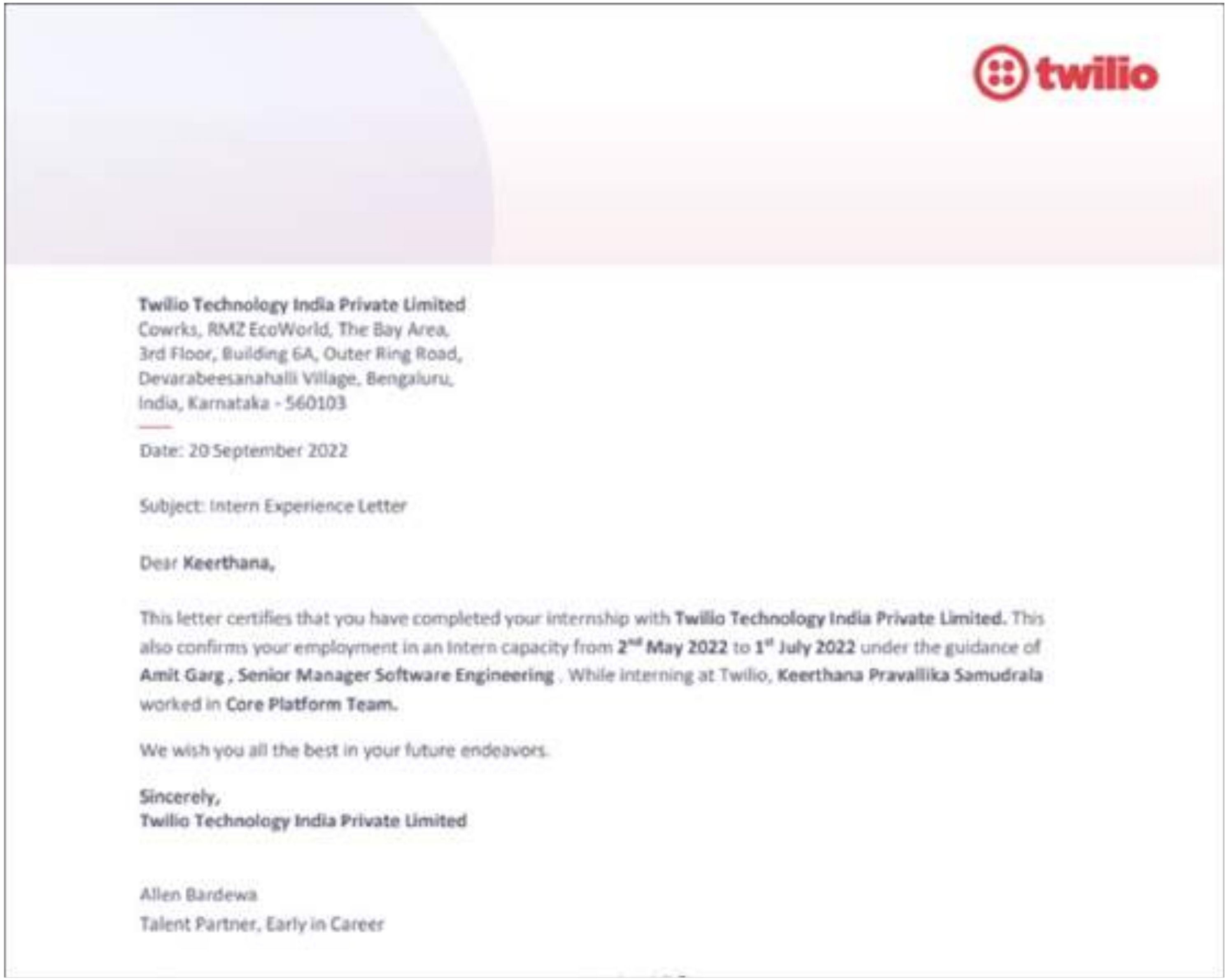
Authorized Signatory

I Agree

KAVURI SRI EESHA
K. Eesha
07th Aug 2022

Name, Signature & Date

Figure 2.2.5.9: Mrs Sri Eesha Kavuri (Roll No: 20211A05C6) III B Tech student got Microsoft internship



Twilio Technology India Private Limited
Cowrks, RMZ EcoWorld, The Bay Area,
3rd Floor, Building 6A, Outer Ring Road,
Devarabeesanahalli Village, Bengaluru,
India, Karnataka - 560103

Date: 20 September 2022

Subject: Intern Experience Letter

Dear **Keerthana,**

This letter certifies that you have completed your internship with **Twilio Technology India Private Limited.** This also confirms your employment in an Intern capacity from **2nd May 2022** to **1st July 2022** under the guidance of **Amit Garg , Senior Manager Software Engineering** . While interning at Twilio, **Keerthana Pravallika Samudrala** worked in **Core Platform Team.**

We wish you all the best in your future endeavors.

Sincerely,
Twilio Technology India Private Limited

Allen Bardewa
Talent Partner, Early in Career

Figure 2.2.5.10: Mrs Keerthana Pravallika S (Roll No: 19251A05B1) III B Tech student got Twilio internship

Post-training assessment for internships is crucial to evaluate the effectiveness of the program and the progress of interns. Heres how you can structure such assessments:

1. **Skills Evaluation:** Assess the skills interns were expected to develop during the internship. This could include technical skills specific to the industry, soft skills like communication and teamwork, and any other skills outlined in the internship objectives. Use a combination of self-assessment, supervisor evaluation, and objective testing where applicable.

2. **Project Performance:** Evaluate the quality and completion of any projects or assignments interns were tasked with during the internship. This could involve reviewing project deliverables, assessing problem-solving approaches, and analysing the impact of their contributions on the organization.

3. **Learning Outcomes:** Determine whether interns achieved the learning outcomes set at the beginning of the internship. This could involve comparing their knowledge and abilities before and after the internship, using pre- and post-tests, evaluations, or portfolios to assess their growth and development.

4. **Feedback Surveys:** Conduct surveys to gather feedback from interns about their overall internship experience. Ask about the effectiveness of training methods, the support provided by supervisors and mentors, the relevance of assignments, and any suggestions for improvement. Also, seek feedback from supervisors and other team members regarding the interns performance and contributions.

5. **Goal Achievement:** Review the goals and objectives set by interns at the beginning of the internship and assess their achievement. This could include personal or professional development goals, career exploration objectives, or specific targets related to projects or tasks assigned during the internship.

6. **Professional Development:** Evaluate the extent to which interns have developed professionally as a result of the internship. This could include improvements in communication skills, problem-solving abilities, time management, adaptability, and other competencies valued in the workplace.

7. **Career Readiness:** Assess interns readiness for entry into the workforce or further advancement in their careers. Consider factors such as their understanding of industry norms and expectations, networking skills, confidence levels, and readiness to take on professional roles and responsibilities.

8. **Long-Term Impact:** Evaluate the long-term impact of the internship on interns career trajectories. Follow up with interns after the internship period to track their career progression, employment status, further education pursuits, or any other outcomes influenced by their internship experience.

By conducting comprehensive post-training assessments for internships, organizations can gain insights into the effectiveness of their programs, identify areas for improvement, and support the continued growth and development of interns.

These assessments also offer invaluable insights for organizations seeking to identify and recruit top-performing interns as potential full-time employees. By evaluating interns skills, project performance, learning outcomes, and professional development during the internship period, organizations can effectively gauge their suitability for permanent roles within the company. Additionally, feedback surveys and goal achievement assessments provide crucial data on interns alignment with organizational values, adaptability to the company culture, and potential for long-term contributions. This information enables companies to make informed decisions about offering employment opportunities to the most promising interns, thus facilitating seamless transitions from internship to full-time roles and enhancing the organizations talent acquisition and retention strategies

C. Impact analysis of industrial training (2)

After completion of preplacement training, students gained strong abilities and skills to do better in their placements.Compared with Academic years, students are getting more placements year by year. Table 2.2.5.7 Internships summary for the last three academic years Table 2.2.5.8 Paid Internships A.Y: 2022-23, Table 2.2.5.9 Unpaid internships consolidated list, Table2.2.5.10 Paid Interns list for the A.Y: 2022-23, Table 2.2.5.11 Unpaid Interns list for the A.Y: 2022-23, Table 2.2.5.12 Paid Internships A.Y: 2021-22,Table 2.2.5.13 gives paid internship consolidated list, Table 2.2.5.14 Paid Interns list for the A.Y: 2021-22, Table 2.2.5.15 Unpaid Interns list for the A.Y: 2021-22, Table 2.2.5.16 Paid internships consolidated list, Table 2.2.5.17 Unpaid internships consolidated list, Table 2.2.5.18 Paid Interns list for the A.Y: 2020-21 Table 2.2.5.19 Unpaid Interns list for the A.Y: 2020-21

Table 2.2.5.7: Internships summary for the last three academic years

S.No	Academic Year	Paid Interns	Unpaid Interns	Total

1	2022-23	116	49	165
2	2021-22	140	17	157
3	2020-21	101	31	132

Internships A.Y: 2022-23

Table 2.2.5.8: Paid Internships A.Y: 2022-23

S.No	Organization Name	Package	No.of offers
1	Microsoft	₹ 1,25,000.00	4
2	Salesforce	₹ 1,25,000.00	1
3	D.E Shaw	₹ 1,02,083.00	1
4	Paypal	₹ 1,00,000.00	2
5	Morgan Stanley	₹ 87,000.00	1
6	JPMC	₹ 70,000.00	11
7	ServiceNow	₹ 70,000.00	7
8	JPMC	₹ 70,000.00	13
9	Amazon AWS	₹ 50,000.00	3
10	AT & T	₹ 45,356.00	2
11	Cloudera	₹ 45,000.00	1
12	Providence	₹ 40,000.00	9
13	Experian	₹ 40,000.00	4
14	Hacker Rank	₹ 40,000.00	1
15	Providence	₹ 40,000.00	3
16	PWC	₹ 35,000.00	1
17	ABInBev	₹ 30,000.00	2
18	Informatica	₹ 30,000.00	3
19	State Street	₹ 30,000.00	8
20	Verisk Analytics	₹ 30,000.00	1
21	Deloitte	₹ 25,000.00	6
22	Ericsson(Bangalore)	₹ 25,000.00	1

23	Generic solutions	₹ 25,000.00	1
24	LTIMindtree	₹ 25,000.00	3
25	PegaSystems	₹ 25,000.00	1
26	RBC worldwide	₹ 25,000.00	1
27	Sundhet Laboratories	₹ 25,000.00	2
28	Micron	₹ 22,000.00	4
29	Viasat	₹ 22,000.00	2
30	EY India	₹ 21,200.00	2
31	Mind quest technology solutions	₹ 20,000.00	1
32	OSI Digital	₹ 20,000.00	1
33	Stellantis	₹ 20,000.00	1
34	Strategic Insights	₹ 20,000.00	1
35	TecForm Engineers	₹ 16,000.00	1
36	White Monkey F&B LLP	₹ 16,000.00	1
37	AUTOSAVVY	₹ 15,500.00	2
38	Worldwide Technologies	₹ 15,500.00	1
39	Axis Bank	₹ 15,000.00	1
40	Cognizant	₹ 12,000.00	3
41	Prowess Soft	₹ 10,000.00	1
42	ANBLICKS	₹ 5,000.00	1
Total			**116**

Table 2.2.5.9: Unpaid internships consolidated list

S.No	Organization Name	No.of offers
1	PACT Software Services	3
2	SPCRC, IIITH	1
3	TackOn Knowledge Solutions	1
4	The SmartBridge Educational Services	3

5	The Indian Conclave	1
6	GNITS R&D Research Interns	40
Total		**49**

Table 2.2.5.10:Paid Interns list for the A.Y: 2022-23

S.No.	Roll Number	Name of the Student	Organization	Start Date	End Date	Duration in Days	Stipend / Month
1	20211A05C6	Sri Eesha Kavuri	Microsoft	01-05-2023	23-06-2023	54 Days	₹ 1,25,000
2	20251A6646	Joy Princy Kore	Microsoft	01-05-2023	23-06-2023	54 Days	₹ 1,25,000
3	20251A6647	Neha Kothakota	Microsoft	01-05-2023	23-06-2023	54 Days	₹ 1,25,000
4	20251A6748	Venkata Sai Satya Kommajosyula	Microsoft	01-05-2023	23-06-2023	54 Days	₹ 1,25,000
5	20251A0507	Himaja Elluru	Salesforce	15-05-2023	07-07-2023	54 Days	₹ 1,25,000
6	19251A0520	Dondeti Pavani	D.E.Shaw	16-01-2023	30-06-2023	166 Days	₹ 1,02,083
7	20251A6711	Harika Kacharla	PayPal	15-05-2023	15-08-2023	92 Days	₹ 1,00,000
8	20251A6730	Sameeksha Yerra	PayPal	15-05-2023	15-08-2023	92 Days	₹ 1,00,000
9	19251A0571	Dhanya Bodapati	Morgan Stanley	23-01-2023	23-07-2023	182 Days	₹ 87,000
10	20251A0505	Hafsa Rahim	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
11	20251A0511	Sindhuja Mudunuru	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
12	20251A0530	Venakata Satya Sarika Yegireddi	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
13	20251A0540	Prathyusha Gaddam	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
14	20251A0553	Shivani P	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
15	20251A0591	Beeram Deekshitha	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
16	20251A05F0	Vaishnavi Vangaveti	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
17	20251A6629	Sai Raja Varshitha Yenigalla	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
18	20251A6645	Komal Jain	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000

19	20251A6702	Varshini Akula	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
20	20251A6742	Meghana Gajji	JP Morgan Chase	15-05-2023	07-07-2023	54 Days	₹ 70,000
21	20251A0520	Tejaswini Srikanth	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
22	20251A0532	Meghana Akurathi	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
23	20251A0561	Meghana Ayyala Somayajula	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
24	20251A6610	Sukanya Devi Gurram	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
25	20251A6714	Shirisha Reddy Madduri	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
26	20251A6719	Spoorthi Pandhiri	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
27	20251A6727	Shreya Arukala	ServiceNow	08-05-2023	14-07-2023	68 Days	₹ 70,000
28	19251A0501	A Sai Sravya	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
29	19251A0504	Alugubelly Shivani Reddy	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
30	19251A0514	Chepuri Sai Tejaswini	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
31	19251A0554	Shreya Reddy S	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
32	19251A0556	Suram Rishika Reddy	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
33	19251A0580	Vandana Elaprolu	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
34	19251A05B5	Suvvada Divya	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
35	19251A05G7	Rajoli Lakshmi Krithika	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
36	19251A05J0	Yada Vaishnavi	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
37	19251A0565	Arpita Bejugam	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
38	19251A0526	Gayatri Shambhu Shastri	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
39	19251A0541	Modem Keerthana	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
40	19251A05D1	Bashetty Shreya	JP Morgan Chase	06-02-2023	31-05-2023	115 Days	₹ 70,000
41	19251A0512	Ch Venkateshan Naga Saisriya	Amazon AWS	06-03-2023	06-07-2023	123 Days	₹ 50,000
42	19251A0524	G Varshini	Amazon AWS	06-03-2023	06-07-2023	123 Days	₹ 50,000

43	19251A0552	Shaista Firdouse	Amazon AWS	06-03-2023	06-07-2023	123 Days	₹ 50,000
44	19251A0521	Donepudi Sri Vennela	AT&T	02-01-2023	30-06-2023	180 Days	₹ 45,356
45	19251A0533	Kothakapu Arpitha	AT&T	02-01-2023	30-06-2023	180 Days	₹ 45,356
46	19251A05E2	Gaddam Sathwika	Cloudera	09-01-2023	07-07-2023	180 Days	₹ 45,000
47	20251A0579	Chandana Reddy Ramidi	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
48	20251A0589	Niharika Vangaveeti	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
49	20251A0594	Abhigna Bollam	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
50	20251A05B7	Sai Pallavi Sistla	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
51	20251A05H6	S. Lahari Yadav	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
52	20251A6644	sudeepthi kalisapudi	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
53	20251A6656	Bindu Sree Singamsetty	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
54	20251A6731	Siri Vennela Badhe	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
55	20251A6734	Shreya Chanda	Providence	08-05-2023	08-07-2023	62 Days	₹ 40,000
56	19251A0581	E.Deepika	Experian	19-08-2022	31-07-2023	347 Days	₹ 40,000
57	19251A05B7	Sreehitha Thatwadi	Experian	19-08-2022	31-07-2023	347 Days	₹ 40,000
58	19251A05E5	G. Dharani	Experian	19-08-2022	31-07-2023	347 Days	₹ 40,000
59	19251A05H7	Vundavelly Gayathri	Experian	19-08-2022	31-07-2023	347 Days	₹ 40,000
60	19251A0599	Muduganti Sathwika	HackerRank	01-01-2023	01-06-2023	152 Days	₹ 40,000
61	19251A0536	Madda Sharanya	Providence	09-01-2023	09-06-2023	152 Days	₹ 40,000
62	19251A05C2	Afshan Khan	Providence	09-01-2023	09-06-2023	152 Days	₹ 40,000
63	19251A05A7	Preethika Chennareddy	Providence	09-01-2023	09-06-2023	152 Days	₹ 40,000
64	19251A05C3	Alla Monika	PWC	16-03-2023	16-08-2023	154 Days	₹ 35,000
65	19251A05B2	Satwika Lankireddy	ABInBev	10-01-2023	31-07-2023	203 Days	₹ 30,000
66	20255A0509	Kiranmayee Gangalam	ABInBev	10-01-2023	31-07-2023	203 Days	₹ 30,000

67	19251A0590	K Sai Sreelekha	Informatica	01-08-2022	31-07-2023	365 Days	₹ 30,000
68	19251A0576	D.Pravalika	Informatica	01-08-2022	31-07-2023	365 Days	₹ 30,000
69	19251A05F0	K. Swarna Savitri	Informatica	01-08-2022	31-07-2023	365 Days	₹ 30,000
70	19251A0539	Manusree Cheruvu	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
71	19251A0542	Mogudampally Jyothika	State street	09-01-2023	03-07-2023	176 Days	₹ 30,000
72	19251A0546	Padala Kavya	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
73	19251A0569	Bhavana Reddy Kanthala	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
74	19251A0594	Lakavath Likhitha	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
75	19251A05E4	G.Sai Sindhuja	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
76	20255A0501	Thotla Shivani	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
77	20255A0513	Thalla Sahithi	State Street	09-01-2023	03-07-2023	176 Days	₹ 30,000
78	19251A05D2	C Sharika Reddy	Verisk Analytics	04-01-2023	30-06-2023	178 Days	₹ 30,000
79	19D21A0502	Aditi Chandoju	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
80	19251A0535	M Bhavani	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
81	19251A0587	J.Sanjana Priya	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
82	19251A05A9	Radhika Gandla	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
83	19251A05H2	Samineni Tejaswi	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
84	19251A05H9	Kushi Reddy	Deloitte	09-01-2023	28-04-2023	110 Days	₹ 25,000
85	19251A05E9	Harshitha Kalidindi	Ericsson	25-01-2023	25-07-2023	182 Days	₹ 25,000
86	19271A0573	Kanukuntla Anvitha	Generic solutions	27-02-2023	27-05-2023	90 Days	₹ 25,000
87	19251A05G6	Potu Bhargavi	LTIMindtree	16-02-2023	25-04-2023	70 Days	₹ 25,000
88	19251A05B3	Shereen Sultana	PegaSystems	30-01-2023	28-04-2023	89 Days	₹ 25,000
89	19251A0515	Chiluveru Minati	RBC worldwide	02-01-2023	01-05-2023	120 Days	₹ 25,000
90	19251A05E1	G.Sreya	Sundhet Laboratories	05-01-2023	10-06-2023	157 Days	₹ 25,000

91	19251A05F5	Varshini.Manchikatla	Sundhet Laboratories	05-01-2023	10-06-2023	157 Days	₹ 25,000
92	19251A0518	Dadi Himaja	LTIMindtree	16-02-2023	20-05-2023	94 Days	₹ 22,000
93	19251A0510	Bindela Tharuni	Micron	06-02-2023	07-07-2023	152 Days	₹ 22,000
94	19251A0544	Narayana Sree Bhavani	Micron	06-02-2023	07-07-2023	152 Days	₹ 22,000
95	19251A0563	Alladi Lahari	Micron	06-02-2023	07-07-2023	152 Days	₹ 22,000
96	19251A05H0	S. Pranathi	Micron	06-02-2023	07-07-2023	152 Days	₹ 22,000
97	19251A0506	B Madhuri	Viasat (Chennai)	01-02-2023	28-04-2023	87 Days	₹ 22,000
98	19251A05C4	Athkuri Sahithi	Viasat (Chennai)	01-02-2023	28-04-2023	87 Days	₹ 22,000
99	19251A0593	K.Lumbini	EY India	06-02-2023	30-06-2023	145 Days	₹ 21,200
100	19251A05H4	Suraka Maha Lakshmi Reddy	EY India	06-02-2023	30-06-2023	145 Days	₹ 21,200
101	20255A0515	Shalini Kuchana	LTImindtree	13-02-2023	30-04-2023	77 Days	₹ 20,000
102	19251A05C1	Adusumilli Yagna Gayathri	Mind Quest	06-02-2023	06-06-2023	121 Days	₹ 20,000
103	19251A0513	Chaganti Sathvika	OSI Digital	13-02-2023	28-04-2023	75 Days	₹ 20,000
104	19251A0595	Musku Srihitha	Stellantis	13-02-2023	13-06-2023	121 Days	₹ 20,000
105	19251A05F8	Manaal Ghouse	Strategic Insights	10-01-2023	20-02-2023	42 Days	₹ 20,000
106	19251A05G1	Mohini Awadhiya	TecForm Engineers	06-02-2023	06-04-2023	60 Days	₹ 16,000
107	19251A0507	B. Nayanika Reddy	White Monkey F&B LLP	13-02-2023	28-05-2023	105 Days	₹ 16,000
108	19251A0505	Arugunta Sravani	AUTOSAVVY	02-01-2023	27-05-2023	146 Days	₹ 15,500
109	19251A0517	D Ashritha Reddy	AUTOSAVVY	02-01-2023	27-05-2023	146 Days	₹ 15,500
110	19251A05D7	D Amulya	Worldwide Technologies	01-03-2023	28-07-2023	151 Days	₹ 15,500
111	19251A0575	Srujana Dadi	Axis Bank, Mumbai	01-08-2022	31-10-2022	92 Days	₹ 15,000
112	19251A0511	Bitla Sharon	Cognizant	01-02-2023	01-05-2023	90 Days	₹ 12,000
113	19251A0583	G.Sivani	Cognizant	01-02-2023	01-05-2023	90 Days	₹ 12,000

114	19251A05G4	P Alekhya	Cognizant	27-10-2022	31-05-2023	217 Days	₹ 12,000
115	19251A05C9	Bandi Sruthi	Prowess Soft	18-01-2023	20-03-2023	62 Days	₹ 10,000
116	20255A0517	Uppati Devi	ANBLICKS	18-09-2022	31-05-2023	256 Days	₹ 5,000

Table 2.2.5.11: Unpaid Interns list for the A.Y: 2022-23

S.No.	Roll Number	Name of the Student	Organization	Start Date	End Date	Duration in Days
1	19251A05D8	Harshitha D	PACT Software Services	02-01-2023	02-06-2023	152 Days
2	19251A0591	K Chetna Reddy	PACT Software Services	02-01-2023	02-06-2023	152 Days
3	19251A0567	Ayesha Ansari	PACT Software Services	02-01-2023	02-06-2023	152 Days
4	19251A05E6	G.Sarvagna	SPCRC, IIITH	03-01-2023	30-04-2023	118 Days
5	19251A05D3	C Rishitha	TackOn Knowledge Solutions	06-02-2023	31-05-2023	115 Days
6	19251A0579	Divya Dosapati	Smartbridge Educational Services Pvt.Ltd	16-01-2023	16-04-2023	91 Days
7	19251A05D4	Challa Sai Charitha	Smartbridge Educational Services Pvt.Ltd	15-02-2023	15-08-2023	182 Days
8	19251A05D5	Challa Sri Nikitha	Smartbridge Educational Services Pvt.Ltd	15-02-2023	15-08-2023	182 Days
9	18251A0570	Nirupama Varma	The Indian Conclave	23-09-2022	23-03-2023	182 Days

Table 2.2.5.12:Paid Internships A.Y: 2021-22

S.No	Name of the Company	Package	No of students
1	IHS Markit	₹ 25,520.00	5
2	ADP	₹ 20,000.00	5

3	Informatica	₹ 30,000.00	4
4	NCR	₹ 30,000.00	1
5	Amazon CSA	₹ 50,000.00	4
6	Deloitte DAS	₹ 25,000.00	3
7	Deloitte GDAS	₹ 25,000.00	3
8	Deloitte RFA	₹ 25,000.00	4
9	JPMC CFG	₹ 50,000.00	12
10	JPMC PPO	₹ 50,000.00	14
11	Flipkart	₹ 1,00,000.00	3
12	VMWare	₹ 50,000.00	3
13	Service Now	₹ 70,000.00	5
14	Yellow Messenger	₹ 20,000.00	1
15	Hacker Rank	₹ 40,000.00	1
16	Novartis	₹ 25,000.00	6
17	Zenoti	₹ 25,000.00	3
18	AT&T	₹ 42,731.00	2
19	Dupont	₹ 35,000.00	1

20	StateStreet	₹ 30,000.00	3
21	FORD	₹ 15,000.00	1
22	DenskeIT	₹ 20,000.00	1
23	PWC	₹ 35,000.00	11
24	Medtronics	₹ 40,000.00	2
25	Telstra	₹ 25,000.00	7
26	Micron	₹ 30,000.00	2
27	Social Matters	₹ 15,000.00	1
28	Nihira Solutions	₹ 20,000.00	1
29	Persistent Systems	₹ 10,000.00	3
30	Cognizant	₹ 12,000.00	5
31	S&P Global	₹ 20,000.00	2
32	IIIT Hyderabad	₹ 18,000.00	2
33	Salesforce	₹ 40,000.00	2
34	SmartBridge	₹ 10,000.00	1
35	Twilio	₹ 1,22,325.00	2
36	BNP Paribas	₹ 50,000.00	1

37	Loopin IT	₹ 10,000.00	2
38	Mindtree	₹ 10,000.00	2
39	Zscaler	₹ 50,000.00	2
40	Bank of America, Hyderabad	₹ 53,750.00	1
41	BrightChamps	₹ 10,000.00	1
42	Cloud4c	₹ 10,000.00	2
43	EPAM, Hyderabad	₹ 15,000.00	1
44	ECKO Design Studio	₹ 25,000.00	1
45	Americ Technology Consulting Pvt.Ltd	₹ 15,000.00	1
Total			**140**

Table 2.2.5.13: Paid internships consolidated list

S.No	Name of the Company	No of students
1	IIIT, Hyderabad	1
2	International Model United Nations	1
3	Smartbridge Educational Services, Hyderabad	1
4	Apple Inc	11
5	Wipro	2
6	Aashman Foundation	1
Total		**17**

Table 2.2.5.14:Paid Interns list for the A.Y: 2021-22

S.No.	Roll No.	Name	Organization	Start Date	End Date	Duration in Days	Stipend/ Month
1	18251A0572	J Sushma	IHS Markit, Hyderabad	31-05-2021	30-07-2021	122 Days	₹ 25,520.00
2	18251A05C8	G Shriya		31-05-2021	30-07-2021	122 Days	₹ 25,520.00
3	18251A05D3	Manne Reshma		31-05-2021	30-07-2021	122 Days	₹ 25,520.00
4	18251A05G2	Amulya Mamidala		31-05-2021	30-07-2021	122 Days	₹ 25,520.00
5	19255A0513	Thadka S. Keerthika		31-05-2021	30-07-2021	122 Days	₹ 25,520.00
6	18251A0594	Nainisha Bandlamudi	ADP, Hyderabad	21-06-2021	21-09-2021	93 Days	₹ 20,000.00
7	18251A05A7	Mansi AG		21-06-2021	21-09-2021	93 Days	₹ 20,000.00
8	18251A0511	Bhargavi Kalyani		21-06-2021	21-09-2021	93 Days	₹ 20,000.00
9	18251A0575	Konduru Likitha		21-06-2021	21-09-2021	93 Days	₹ 20,000.00
10	18251A05A8	Manaswini Nagasamudram		21-06-2021	21-09-2021	93 Days	₹ 20,000.00
11	18251A05B9	Jahnavi	Informatica, Banglore	30-08-2021	28-08-2022	364 Days	₹ 30,000.00
12	18251A05C6	Himaja Chinnam		30-08-2021	28-08-2022	364 Days	₹ 30,000.00
13	18251A05H7	Vadugula Anudeepa		30-08-2021	28-08-2022	364 Days	₹ 30,000.00
14	18251A05F8	Gundam Vihasitha		30-08-2021	28-08-2022	364 Days	₹ 30,000.00
15	18251A05C8	G Shriya	NCR, Hyderabad	17-01-2022	16-04-2022	90 Days	₹ 30,000.00
16	18251A0561	Aakifah Batool	Amazon (CSA), Hyderabad	28-02-2022	24-06-2022	117 Days	₹ 50,000.00

17	18251A0577	Sri Vidya Maddipati		28-02-2022	24-06-2022	117 Days	₹ 50,000.00
18	18251A05C5	Boorla Sowjanya	Amazon (CSA), Hyderabad	28-02-2022	24-06-2022	117 Days	₹ 50,000.00
19	18251A05H4	Sravani Kaligotla		14-02-2022	24-06-2022	117 Days	₹ 50,000.00
20	18251A0591	Adepu Tejaswi	Deloitte (DAS), Hyderabad	14-02-2022	03-06-2022	110 Days	₹ 25,000.00
21	18251A05A8	Manaswini Nagasamudram		14-02-2022	03-06-2022	110 Days	₹ 25,000.00
22	18251A05C0	Yeluguri Sai Santhoshi		14-02-2022	03-06-2022	110 Days	₹ 25,000.00
23	18251A0556	T Aarthika	Deloitte (GDAS), Hyderabad	14-02-2022	03-06-2022	110 Days	₹ 25,000.00
24	18251A05A0	Srinidhi Ganta		14-02-2022	03-06-2022	110 Days	₹ 25,000.00
25	18251A05B5	Chelsy Shankiri		14-02-2022	03-06-2022	110 Days	₹ 25,000.00
26	18251A0502	Amirishetty Pravanya	Deloitte (RFA), Hyderabad	10-01-2022	24-04-2022	105 Days	₹ 25,000.00
27	18251A0521	Vyoma Harshitha Podapati		10-01-2022	24-04-2022	105 Days	₹ 25,000.00
28	18251A05E6	Telugu Mary sony		10-01-2022	24-04-2022	105 Days	₹ 25,000.00
29	18251A05F6	Harika Dwarakacharla		10-01-2022	24-04-2022	105 Days	₹ 25,000.00
30	18251A0516	Manaswini M	JPMC, Hyderabad	21-02-2022	31-07-2022	161 Days	₹ 50,000.00
31	18251A0523	P Ramya Sree Sai		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
32	18251A0527	Tejasri Pallati		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
33	18251A0552	Rishitha Pendyala		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
34	18251A0562	A. Sri Harshitha		21-02-2022	31-07-2022	161 Days	₹ 50,000.00

35	18251A05A7	Mansi AG	JPMC, Hyderabad	21-02-2022	31-07-2022	161 Days	₹ 50,000.00
36	18251A05C4	Bashetty Srija		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
37	18251A05D3	Manne Reshma		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
38	18251A05D5	Ankitha Mekala		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
39	18251A05G2	Amulya Mamidala		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
40	18251A05G5	Mikkilineni Aarthi		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
41	19255A0503	Rapaka Suma		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
42	18251A0530	Madhuri Veeramreddy		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
43	18251A0532	Asritha Reddy Adireddy		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
44	18251A0537	Irukulla Shivani		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
45	18251A0542	Chandana Kondaveeti		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
46	18251A0551	Vyshnavi Pabba		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
47	18251A0563	Anugu Rishika Reddy		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
48	18251A0568	Pushpanjali Divi		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
49	18251A0583	Nikitha Aleti		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
50	18251A0598	Subhankari Thakral		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
51	18251A05B4	Samhitha nagavani K		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
52	18251A05B8	Thanusha Panchati	JPMC, Hyderabad	21-02-2022	31-07-2022	161 Days	₹ 50,000.00

53	18251A05E7	Shubhasri Vanam		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
54	18251A05F7	Dindi Divya		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
55	18251A05G6	Swetha Mudiga		21-02-2022	31-07-2022	161 Days	₹ 50,000.00
56	18251A0547	M S V L Sasirekha	Flipkart, Banglore	13-01-2022	30-06-2022	169 Days	₹ 1,00,000.00
57	18251A05F9	Ikkurthi Keertana		13-01-2022	30-06-2022	169 Days	₹ 1,00,000.00
58	18251A05C1	Sree Meghana A		13-01-2022	30-06-2022	169 Days	₹ 1,00,000.00
59	18251A05H8	Alekhya Vanga	Vmware, Hyderabad	12-01-2022	05-07-2022	175 Days	₹ 50,000.00
60	18251A05G9	Chandana Patnala		12-01-2022	05-07-2022	175 Days	₹ 50,000.00
61	18251A0505	Dhuduri Sahithi		12-01-2022	05-07-2022	175 Days	₹ 50,000.00
62	18251A0546	Meghana Meda	Service Now, Hyderabad	13-09-2021	31-12-2021	110 Days	₹ 70,000.00
63	18251A0546	Meghana Meda		10-01-2022	08-07-2022	180 Days	₹ 70,000.00
64	18251A0576	Simritha M		10-01-2022	08-07-2022	180 Days	₹ 70,000.00
65	18251A0594	Nainisha Bandlamudi		10-01-2022	08-07-2022	180 Days	₹ 70,000.00
66	18251A05H9	Vootla Gouthami		10-01-2022	08-07-2022	180 Days	₹ 70,000.00
67	18251A0565	Avyakta	Yellow Messenger, Hyd	27-09-2021	02-03-2022	210 Days	₹ 20,000.00
68	19251A0599	Muduganti Sathwika	HackerRank	03-01-2022	30-06-2022	179 Days	₹ 40,000.00

69	18251A0578	D Mrunalini	Novartis Healthcare Pvt.Ltd, Hyderabad	11-01-2022	30-06-2022	171 Days	₹ 25,000.00
70	18251A05E9	G Simritha Reddy		11-01-2022	30-06-2022	171 Days	₹ 25,000.00
71	18251A0507	Gangadari Sushmitha		11-01-2022	30-06-2022	171 Days	₹ 25,000.00
72	18251A0548	Nukala Godha		11-01-2022	30-06-2022	171 Days	₹ 25,000.00
73	18251A0575	Likhitha Kandukuri		11-01-2022	30-06-2022	171 Days	₹ 25,000.00
74	18251A05C7	Dwadasi Sri Lahari		11-01-2022	30-06-2022	171 Days	₹ 25,000.00
75	18251A0538	Muppa Madhuri	Zenoti India Pvt.Ltd, Hyderabad	14-02-2022	13-08-2022	181 Days	₹ 25,000.00
76	18251A0584	S Teja Reddy		09-05-2022	08-11-2022	181 Days	₹ 25,000.00
77	18251A05D0	Akanksha Karnati		28-03-2022	27-07-2022	121 Days	₹ 25,000.00
78	18251A05F1	Aakiti Samhitha	AT&T	21-02-2022	20-08-2022	181 Days	₹ 42,731.00
79	18251A0529	Vangaveeti Sai Manisha		21-02-2022	20-08-2022	181 Days	₹ 42,731.00
80	18251A05E8	Siri Chandana Ch	DUPONT, Hyderabad	17-01-2022	16-07-2022	181 Days	₹ 35,000.00
81	18251A05A2	J Ushasini	State Street, Hyderabad	10-01-2022	27-06-2022	169 Days	₹ 30,000.00
82	18251A0504	Chinthala Bhargavi		10-01-2022	27-06-2022	169 Days	₹ 30,000.00
83	18251A0571	G Jayasree		10-01-2022	27-06-2022	169 Days	₹ 30,000.00
84	18251A05C3	Banavath Sneha	FORD Motors, Hyderabad	01-03-2022	31-05-2022	92 Days	₹ 15,000.00
85	18251A0533	Chanpreet Kaur Chawla	DanskeIT, Banglore	19-01-2022	18-07-2022	181 Days	₹ 20,000.00
86	18251A0513	K Eesha Jahnavi	PWC, Hyderabad	03-03-2022	16-08-2022	167 Days	₹ 35,000.00

87	18251A0522	Harshitha Boddu		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
88	18251A0534	Chirumala Nikhitha		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
89	18251A0550	Pendyala Sree Sindhooja		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
90	18251A0564	Badini Swetha		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
91	18251A0587	Syeda Tahmeena Kousar		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
92	18251A05B2	Ringu Naga Siromani		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
93	18D21A0516	G.Akhila		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
94	19255A0501	Sruthi Gopi		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
95	19255A0509	Goda.Preethi Reddy		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
96	19255A0516	Ejjigiri Niharika		03-03-2022	16-08-2022	167 Days	₹ 35,000.00
97	18251A0520	Nenavath Sowmya	Medtronics, Hyderabad	02-03-2022	01-07-2022	121 Days	₹ 40,000.00
98	18251A05D9	Padigelwar Vaishnavi		02-03-2022	01-07-2022	121 Days	₹ 40,000.00
99	18251A0514	L.Sai Shivani	Telstra, Hyderabad	28-02-2022	27-07-2022	149 Days	₹ 25,000.00
100	18251A0526	Pathepuram Swetha		28-02-2022	27-07-2022	149 Days	₹ 25,000.00
101	18251A0541	Kasim Sahithi		28-02-2022	27-07-2022	149 Days	₹ 25,000.00
102	18251A0559	Varthya Shravani		28-02-2022	27-07-2022	149 Days	₹ 25,000.00
103	18251A0566	Asmitha G	Telstra, Hyderabad	28-02-2022	27-07-2022	149 Days	₹ 25,000.00
104	18251A0585	Manasa Sadhu Reddy		28-02-2022	27-07-2022	149 Days	₹ 25,000.00

105	18251A0586	Niharika Shatharaupally		28-02-2022	27-07-2022	149 Days	₹ 25,000.00
106	18251A05A9	Asma Khanam Pathan	Micron, Hyderabad	17-01-2022	15-07-2022	179 Days	₹ 30,000.00
107	18251A05H3	Shafaqath Fatima		17-01-2022	15-07-2022	179 Days	₹ 30,000.00
108	18251A0501	A Sai Sreeja	Social Matters	01-03-2022	25-06-2022	116 Days	₹ 15,000.00
109	18251A0503	C Poojitha Reddy	Nihira Solutions	21-02-2022	01-08-2022	161 Days	₹ 20,000.00
110	18251A05E3	Sai Priya Sathpute	Peristent Systems, Hyderabad	17-02-2022	16-08-2022	180 Days	₹ 10,000.00
111	18251A0553	Christina Rajarapu		17-02-2022	16-08-2022	180 Days	₹ 10,000.00
112	19255A0514	A Geethanjali		17-02-2022	16-08-2022	180 Days	₹ 10,000.00
113	18251A05B6	S Manasa	Cognizant, Hyderabad	26-02-2022	18-08-2022	173 Days	₹ 12,000.00
114	18251A05D8	Nomula Shraddha		26-02-2022	18-08-2022	173 Days	₹ 12,000.00
115	18251A05G4	MD Afreen		26-02-2022	18-08-2022	173 Days	₹ 12,000.00
116	18251A0558	Vasantha Valloju		26-02-2022	18-08-2022	173 Days	₹ 12,000.00
117	19255A0510	Kadhunoori Aparna		26-02-2022	18-08-2022	173 Days	₹ 12,000.00
118	19251A05C4	Sahithi Athkuri	S&P Global, Hyderabad	30-05-2022	29-07-2022	60 Days	₹ 20,000.00
119	19251A0565	Arpita Bejugam		28-05-2022	29-07-2022	62 Days	₹ 20,000.00
120	19251A0565	Arpita Bejugam	IIIT Hyderabad (i-HUB)	09-02-2022	09-05-2022	89 Days	₹ 18,000.00
121	19251A05B0	Alankruthi Saieni		09-02-2022	09-05-2022	89 Days	₹ 18,000.00
122	19251A0571	Dhanya Bodapati	Salesforce, Hyderabad	02-05-2022	24-06-2022	53 Days	₹ 40,000.00

123	19251A05D9	DVS Chandana		02-05-2022	24-06-2022	53 Days	₹ 40,000.00
124	19251A0526	Gayatri Shambhu Shastri	SmartBridge Educational Services, Hyderabad	15-02-2022	15-05-2022	89 Days	₹ 10,000.00
125	19251A05A0	Nagapuri Charitha	Twilio, Banglore	11-04-2022	10-06-2022	61 Days	₹ 1,22,325.00
126	19251A05B1	Samudrala Keerthana Pravallika		11-04-2022	10-06-2022	61 Days	₹ 1,22,325.00
127	18251A05A4	Rajyalakshmi Kanchoju	BNP Paribas, Hyderabad	11-03-2022	11-07-2022	122 Days	₹ 50,000.00
128	18251A05C2	Arcot Supriya	Loopin IT, Hyderabad	07-03-2022	07-06-2022	92 Days	₹ 10,000.00
129	18251A05D1	K Ravali		07-03-2022	07-06-2022	92 Days	₹ 10,000.00
130	18251A05D4	Mathe Jyothi	Mindtree, Hyderabad	14-03-2022	13-06-2022	91 Days	₹ 10,000.00
131	18251A05E4	Sirra Sneha		14-03-2022	13-06-2022	91 Days	₹ 10,000.00
132	18251A0511	Kalyani Bhargavi	Zscaler, Hyderabad	21-03-2022	21-08-2022	154 Days	₹ 50,000.00
133	19255A0513	Thadka S Keerthika		21-03-2022	21-08-2022	154 Days	₹ 50,000.00
134	18251A0525	Sarasani Sahaja	Bank of America, Hyderabad	04-04-2022	03-04-2023	364 Days	₹ 53,750.00
135	18251A0539	Koluguri Ruchitha Reddy	BrightChamps	28-02-2022	28-07-2022	150 Days	₹ 10,000.00
136	19255A0515	J.Chaitanya	Cloud4c	03-03-2022	30-04-2022	58 Days	₹ 10,000.00
137	19255A0506	Rajahamsa Durgam	Cloud4C	17-03-2022	18-05-2022	62 Days	₹ 5,000.00
138	18251A05G8	Nalla Sai sri	EPAM, Hyderabad	16-05-2022	15-08-2022	91 Days	₹ 15,000.00
139	18251A05A6	M Ashna Reddy	ECKO Design Studio	25-02-2022	24-08-2022	180 Days	₹ 25,000.00
140	19255A0507	Dhanikonda Vaishnavi	Americ Technology Consulting Pvt.Ltd	28-03-2022	27-05-2022	60 Days	₹ 15,000.00

Table 2.2.5.15 :Unpaid Interns list for the A.Y: 2021-22

S.No.	Roll No.	Name	Organization	Start Date	End Date	Duration in Days
1	19251A0541	Modem Keerthana	IIITH	20-09-2021	20-10-2021	30 Days
2	20251A6646	Kore Joy Princy	International Model United Nations	04-02-2022	14-03-2022	38 Days
3	19251A0598	Mothukuri Ashritha	Smartbridge Educational Services	16-02-2022	16-05-2022	89 Days
4	19255A0513	Thadka S. keerthika	Apple	28-02-2022	25-06-2022	117 Days
5	18251A0574	Vinisha	Apple	28-02-2022	25-06-2022	117 Days
6	18251A0572	J Sushma	Apple	28-02-2022	25-06-2022	117 Days
7	18251A0543	K Aishwarya	Apple	28-02-2022	25-06-2022	117 Days
8	18251A0553	R Christina	Apple	28-02-2022	25-06-2022	117 Days
9	18251A0560	Y Priya Amrutha	Apple	28-02-2022	25-06-2022	117 Days
10	18251A05D6	B V N Sai Sudha	Apple	28-02-2022	25-06-2022	117 Days
11	18251A05H0	S Pradeepta	Apple	28-02-2022	25-06-2022	117 Days
12	18251A05D0	K Akanksha	Apple	28-02-2022	25-06-2022	117 Days
13	18251A0597	Tirzah Dirisam	Apple	28-02-2022	25-06-2022	117 Days
14	18251A05C9	Ifrah Fatima	Apple	28-02-2022	25-06-2022	117 Days

15	19255A0511	Shaik Naseena	Wipro	21-02-2022	30-04-2022	68 Days
16	18251A0567	D S Poojasena	Wipro	10-03-2022	09-06-2022	91 Days
17	18251A0549	N Sirisha	Aashman Foundation	07-03-2022	07-08-2022	153 Days

Table 2.2.5.16: Paid internships consolidated list

S.No	**Name of the Company**	**Package**	**No of students**
1	**Twilio**	**₹ 1 Lakh**	**3**
2	JPMC	₹ 50,000	32
3	Serive Now	₹ 45,000	15
4	Factset	₹ 30,000	1
5	Societe Generale	₹ 22,000	3
6	School for AI	₹ 8,000	1
7	ADP	₹ 20,000	4
8	State Street	₹ 30,000	1
9	Novartis Healthcare Pvt.Ltd	₹ 25,000	3
10	Deloitte	₹ 25,000	3
11	Unschool	₹ 7,500	4
12	Zenoti India Pvt.Ltd	₹ 50,000	11
13	TEK Systems	₹ 15,000	1

14	Adobe	₹ 1 Lakh	**2**
15	Amazon	₹ 50,000	1
16	Abjayon	₹ 10,000	1
17	Accenture	₹ 16,100	1
18	Colruyt	₹ 10,000	1
19	Expedia Group	₹ 35,000	1
20	Epam	₹ 15,000	1
21	FORD MOTORS COMPANY	₹ 15,000	1
22	Young Leader	₹ 800	1
23	Homeflic Wegrow	₹ 1,500	2
24	Hexagon	₹ 20,000	1
25	ISSQUARED	₹ 10,000	1
26	Salesforce	₹ 40,000	1
27	Skillo	₹ 15,000	1
28	Talentsprint	₹ 40,000	1
29	Thoughtworks	₹ 20,000	2
Total			**101**

Table 2.2.5.17: Unpaid internships consolidated list

S.No	Name of the Company	No of students

1	Apple Inc	14
2	Adore India	1
3	Verzeo	6
4	Smartknower	1
5	Inmovidu	2
6	Intrinsic Science Labs	3
7	The Sparks Foundation	1
8	Kleen Security	1
9	Knowledge Solutions India	1
10	Internship studio	1
	Total	**31**

Table 2.2.5.18: Paid Interns list for the A.Y: 2020-21

S.No	Roll Number	Name	Company	Start Date	End Date
1	18251A0582	Sai Prasanna Laxmi Reddy	Twilio, Banglore	07-06-2021	30-07-2021
2	18251A05C9	Ifrah Fathima			
3	18251A0563	Rishika Reddy			
4	18251A0530	Madhuri Veeramreddy	JPMC, Hyderabad	24-05-2021	16-07-2021
5	18251A0532	Ashritha Reddy Adireddy			
6	18251A0537	Irukulla Shivani			
7	18251A0542	Chandana Kondaveeti			
8	18251A0551	Vyshnavi Pabba			

9	18251A0563	Anugu Rishika Reddy			
10	18251A0568	Pushpanjali Divi			
11	18251A0583	Nikitha Aleti			
12	18251A0598	Shubhankari Thakral			
13	18251A05B4	Samhitha Nagavani Kuchibhatla			
14	18251A05C1	Sree Meghana A			
15	18251A05E7	Shubhasri Vanam			
16	18251A05F7	Dindi Divya			
17	18251A05G6	Mudiga Swetha			
18	18251A05B8	Thanusha Panchati			
19	17251A05H5	Sakila Peddi			
20	17251A0514	Kethireddy Akhila Reddy	JPMC, Hyderabad	24-05-2021	16-07-2021
21	17251A0588	Veda Bandikallu			
22	17251A0582	Lakshmi Manasa Navuduri			
23	17251A0589	Yaramada Akshara			
24	17251A0513	Naga Jyothi Kanikanti			
25	17251A0587	Sindhuja Nadgoud			

26	17251A0594	Avi Jain			
27	17251A0574	Namitha Konda			
28	17251A0518	Bhavani Lenkala			
29	17251A05A2	Gayathri Jaddu			
30	17251A05E7	Yamini Reddy Telaru			
31	17251A05F6	Venkata Sri Apurva Dasari			
32	17251A05H4	Parkhi Niharika			
33	17251A0531	Afraah Shaik			
34	17251A0553	Satvika Eda			
35	17251A05C9	Srihitha Gandyadapu			
36	17251A0515	K S Jhanavi	Serive Now, Hyderabad	04-01-2021	28-05-2021
37	17251A0539	Sravani Gona			
38	17251A0559	Veda Vanjari			
39	17251A05C6	Bhavya Singh			
40	17251A05D1	Gopidi Roohi			
41	17251A05E9	Veerannagari Akshitha			
42	17251A05H7	Proddaturi Rashmitha			
43	17251A05H9	Ravuri Sai Usha			

44	17251A0543	Prathyusha Kundavaram			
45	17251A0552	Sarella Gnana Jyothi			
46	17251A05A1	G Krishna Priya			
47	17251A0558	Shravya Vadali			
48	17251A05E9	Veerannagari Akshita	Serive Now, Hyderabad	13-06-2020	31-10-2020
49	17251A05H7	Proddaturi Rashmitha	Serive Now, Hyderabad	13-07-2020	31-10-2020
50	17251A05H9	Ravuri Sai Usha			
51	17251A05E8	Sharadi Tanvi	School for AI, Hyderabad	04-01-2021	04-04-2021
52	17251A05D7	Kankanala Jyothirmayee	Factset, Hyderabad	04-02-2021	04-06-2021
53	17251A05A7	Maddineni Navya sree	Societe Generale, Banglore	04-01-2021	31-05-2021
54	17251A05C3	Alladi Sriya	Societe Generale, Banglore	01-02-2021	30-04-2021
55	17251A05C8	Duddilla Vaishnavi	Societe Generale, Banglore	01-02-2021	30-04-2021
56	17251A05G4	Priyanka Konka	ADP, Hyderabad	14-09-2020	14-12-2020
57	17251A0526	P Karuna Sri			
58	17251A0570	Sridevi Gatiganti			
59	17251A05A9	Sujitha Meriga			

60	17251A05F8	Snehitha Domakuntla	State Street, Hyderabad	18-01-2021	28-05-2021
61	17251A0540	Navya Inturi	Novartis Healthcare Pvt.Ltd, Hyderabad	05-01-2021	30-06-2021
62	17251A0536	Shravani Athkuri			
63	17251A05B5	Sama Chandana			
64	17251A0524	Priya Lekha Guda	Deloitte, Hyderabad	11-01-2021	25-06-2021
65	17251A0560	Yadugani Sridivya			
66	17251A05A9	Sujitha Meriga			
67	17251A0535	Rashmika Anumula	Unschool, Hyderabad	18-01-2021	18-07-2021
68	17251A0555	Srishti Mathur			
69	17251A05F9	Ganda Varshini			
70	17251A05F1	Afia Simeen			
71	17251A0501	Aamuktha Aukunooru	Zenoti India Pvt.Ltd, Hyderabad	12-04-2021	12-08-2021
72	17251A0507	Gali Harshitha			
73	17251A0581	Sirisha Mattaparthi			
74	17251A0590	Yaramala Sangeetha			
75	17251A0597	Dadannagari Sahithi			
76	17251A05A9	Sujitha Meriga			
77	17251A05B7	Sneha Reddy Kancherla	Zenoti India Pvt.Ltd,	12-04-2021	12-08-2021

78	17251A05D0	Gollapalli Lakshmi Sai Sree	Hyderabad		
79	17251A05E6	Sreevidya Makkapati			
80	17251A05F5	Alekhya Chamanchula			
81	17251A05H3	Pabba Spandana			
82	17251A05G1	Kandimalla Sanjana	TEK Systems, Hyderabad	01-02-2021	01-05-2021
83	18251A0516	Manswini M	Adobe	04-05-2021	09-08-2021
84	18251A05H5	Sanjana Tadakamadla			
85	18251A0560	Y Priya Amrutha	Amazon	10-05-2021	10-06-2021
86	18255A0515	Malakapuram SaiPrasanna	Abjayon	16-04-2021	16-09-2021
87	17251A05F7	Divya Yasa	Accenture	12-04-2021	12-07-2021
88	17251A05F1	Afia Simeen	Colruyt	08-02-2021	30-04-2021
89	17251A0539	Gona Sravani	Expedia Group	18-05-2020	10-07-2020
90	17251A05G0	Kamasani Chandana	Epam	03-05-2021	30-09-2021
91	17251A0522	LIKITHA MUTTAMPETH	FORD MOTORS COMPANY	18-01-2021	17-06-2021
92	19251A05J0	Yada Vaishnavi	Homeflic Wegrow	01-02-2021	30-04-2021
93	19251A05J0	Yada Vaishnavi	Young Leader	14-11-2020	14-01-2021
94	19251A0585	Mounika Jallipalli	Homeflic Wegrow	09-01-2021	09-02-2021

95	17251A05C2	Alla Bhavana	Hexagon	21-01-2021	30-06-2021
96	18255A0526	Shaik. Mahernisha	ISSQUARED	05-04-2021	05-10-2021
97	17251A0557	Sushmitha Tirumalla	Salesforce	26-05-2020	17-07-2020
98	17251A0532	Akanksha Srikanth	Skillo	01-09-2020	31-12-2020
99	19251A0551	B. Pavani Naga Kumari	Talentsprint	08-04-2020	08-03-2022
100	17251A0570	Gatiganti Sridevi	Thoughtworks	01-03-2021	04-06-2021
101	17251A05B3	R. Sri Laxmi Ragini	Thoughtworks	01-03-2021	04-06-2021

Table 2.2.5.19:Unpaid Interns list for the A.Y: 2020-21

S.No	Roll No.	Name	Domain	Organization	Start Date	End Date
1	18251A0561	Aakifah Batool	Data Science and Business Analytics	The Sparks Foundation	03-12-2020	03-01-2021
2	19251A05D4	Challa sai charitha	General management	Adore india	04-04-2020	06-05-2021
3	18251A0524	Raksha Naravi Pai	full stack development	Intrinsic Science Labs	16-12-2019	10-02-2021
4	18251A0556	T Aarthika	Web development			
5	19251A05B1	Keerthana Pravallika Samudrala	Data Science	Intrinsic Science Labs	01-10-2020	10-02-2021
6	19251A05E7	Hasan Nazneen	Machine Learning	Verzeo	01-04-2021	31-05-2021

7	20255A0509	Kiranmayee Gangalam	Cyber Security			
8	18251A0573	Pranavi Katikaneni	Business Analytics			
9	19251A05F6	Soujanya Madavedi	Machine Learning			
10	19251A05E7	Hasan Nazneen	Machine Learning			
11	17251A0527	Sardarni Amardeep Kaur	Machine Learning	InMovidu Technologies Pvt Ltd	14-07-2020	13-08-2020
12	18251A0541	Sahithi Kasim	Cyber Security & Ethical Hacking	InMovidu Technologies Pvt Ltd	30-08-2020	29-09-2020
13	19251A0563	Alladi lahari	ML	internship studio	03-07-2021	07-08-2021
14	19251A05B1	Keerthana Pravallika Samudrala	Marketing	Kleen Security	03-07-2020	30-09-2020
15	19251A05B0	ALANKRUTHI SAIENI	Machine learning using python	knowledge solutions India	06-07-2020	17-08-2020
16	19251A0568	Manasa Bobbili	Artificial intelligence	Smartknower	01-01-2021	28-02-2021
17	20255A0509	Kiranmayee Gangalam	IoT and AI/ML	Finland Labs by IIT Roorkee	19-10-2020	13-11-2020
18	17251A0532	Akanksha Srikanth	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
19	17251A05G4	Priyanka Konka	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021

20	17251A0503	Javali Bathula	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
21	17251A0534	Amulya Tummuru	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
22	17251A0541	Shruthi Kusuma	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
23	17251A05B0	Deekshitha Mukka	Full stack web development	Apple India Pvt Ltd	07-01-2021	07-06-2021
24	17251A05G9	Samhitha Muriki	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
25	17251A0529	Varsha Undety	Full stack web development	Apple India Pvt Ltd	05-01-2021	15-06-2021
26	17251A0591	Indraja Adepu	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
27	17251A0523	Pittala Soumya	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
28	17251A0542	K Venkata Srihitha	Web Application	Apple India Pvt Ltd	03-01-2021	30-06-2021
29	17251A0516	K Sai Pavani	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
30	17251A05C1	Adeeba Fathima	Web Application (Javascript)	Apple India Pvt Ltd	15-01-2021	10-06-2021
31	17251A05G6	Mantha Vaishnavi	Apple Maps Engineering	Apple India Pvt Ltd	15-01-2021	10-06-2021

Industrial training or internships have a significant impact on both individuals and industries. Heres an analysis of their impact:

1. Skill Development: Internships provide practical exposure and help individuals develop industry-specific skills. This hands-on experience bridges the gap between theoretical knowledge gained in classrooms and real-world applications. As interns engage in tasks relevant to their field of study, they acquire technical skills, problem-solving abilities, and industry-specific knowledge.

2. Professional Development: Internships offer opportunities for individuals to develop professionally. They learn workplace etiquette, communication skills, teamwork, time management, and adaptability. Exposure to professional environments helps interns understand the expectations and demands of the industry, preparing them for future careers.

3. Networking: Internships provide access to professional networks. Interns interact with industry experts, supervisors, and colleagues, expanding their professional contacts. Building these relationships can lead to mentorship opportunities, job referrals, and potential employment after graduation.

4. Resume Enhancement: Completing internships enhances resumes and increases employability. Employers value practical experience, and internships demonstrate a candidates commitment to their field. Internship experiences highlight relevant skills and accomplishments, making candidates more competitive in the job market.

5. Industry Insights: Internships offer valuable insights into industry trends, practices, and challenges. Interns gain first-hand knowledge of the workings of specific sectors, understanding market dynamics, technological advancements, and regulatory requirements. This insight is beneficial for academic learning and future career decision-making.

6. Retention and Recruitment: For employers, internships serve as a recruitment pipeline. Companies often hire interns who have demonstrated competence and fit with the organizational culture. Internship programs also contribute to employee retention, as individuals who have completed internships with a company may choose to return for full-time employment due to familiarity and positive experiences.

7. Innovation and Fresh Perspectives: Interns bring fresh perspectives and innovative ideas to organizations. Their unique viewpoints and digital fluency contribute to problem-solving and creativity within teams. Employers benefit from the infusion of new talent and diverse perspectives that internships bring.

8. Cost-Effective Labour: Internships offer cost-effective labour for organizations. Employers can assign meaningful tasks to interns, reducing the workload of full-time employees while providing valuable learning experiences for interns. This symbiotic relationship allows companies to accomplish projects efficiently while providing training opportunities.

9. Social and Economic Impact: Internships contribute to the socio-economic development of communities. By providing opportunities for skill development and employment, internships empower individuals, reduce unemployment rates, and contribute to economic growth. Additionally, internships foster collaboration between educational institutions and industries, strengthening the overall workforce.

In conclusion, industrial training or internships have a multifaceted impact on individuals, organizations, and society as a whole. They play a crucial role in talent development, workforce readiness, and industry innovation, making them integral components of educational and professional pathways

D. Student feedback on initiative (3)

2022-23

The following are the Views / suggestions given by Outgoing final year students of 2019 Batch:

1. GNITS provides the best placement training and gives best placements and internships.
2. Advanced technologies can be more encouraged in real time projects.
3. More Hands-on sessions can be introduced, that would help in cracking coding contests.
4. Codetantra, Edyst, soft wares helped us in improving coding skills required for placements.

2021-22

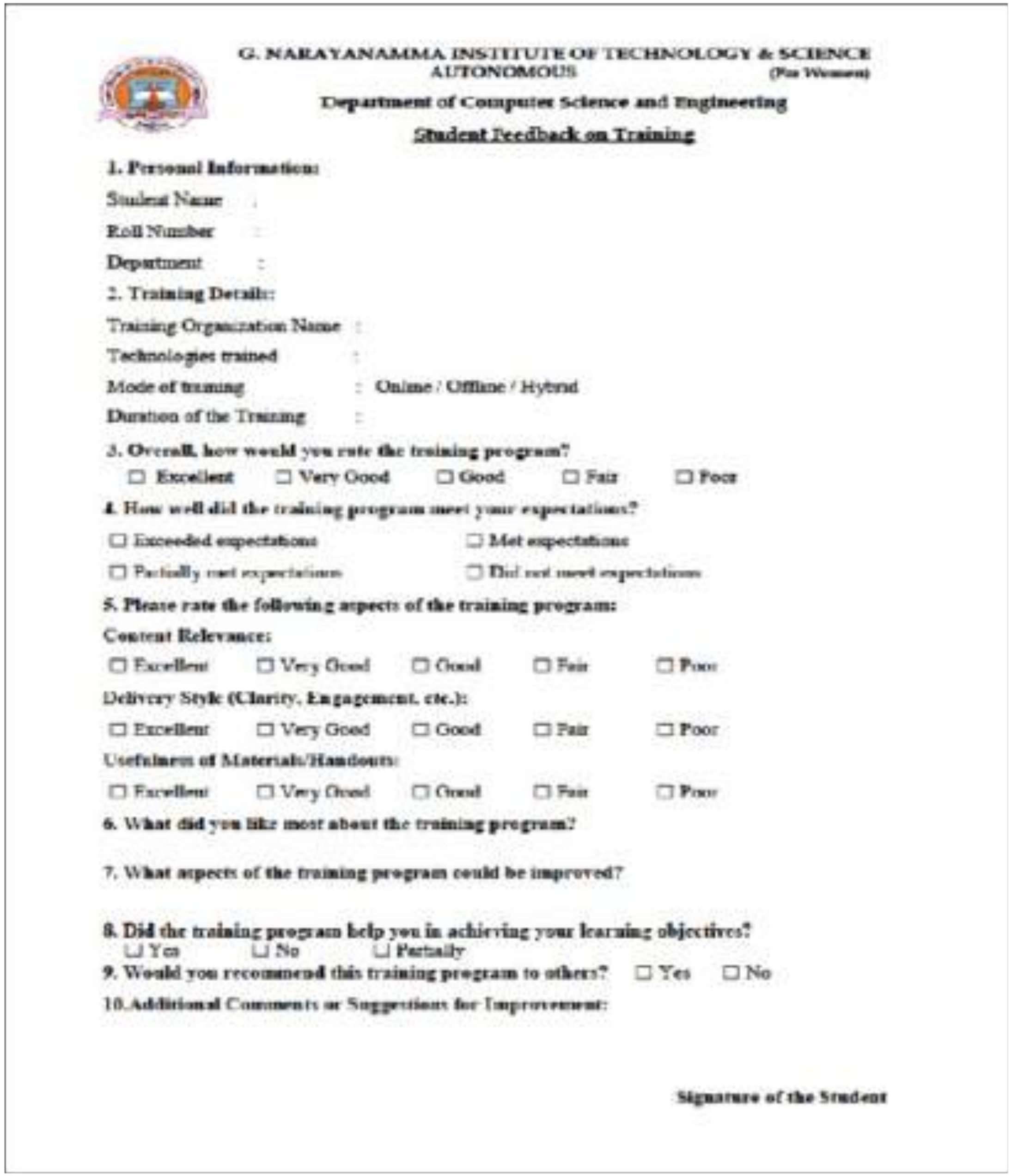
The following are the Views / suggestions given by Outgoing final year students of 2018 batch:

1. College is giving good placement trainings required for internships and placements for students.
2. More practical oriented lab subjects can be introduced that helps in future.
3. Research related projects can be encouraged in wide range of areas.

2020-21

The following are the Views / suggestions given by Outgoing final year students of 2017 batch:

1. GNITS is providing good placements by providing the required pre-placement training.
2. More industry oriented hands-on training is required.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)

Department of Computer Science and Engineering

Student Feedback on Training

1. Personal Information:

Student Name :
Roll Number :
Department :

2. Training Details:

Training Organization Name :
Technologies trained :
Mode of training : Online / Offline / Hybrid
Duration of the Training :

3. Overall, how would you rate the training program?

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

4. How well did the training program meet your expectations?

☐ Exceeded expectations ☐ Met expectations
☐ Partially met expectations ☐ Did not meet expectations

5. Please rate the following aspects of the training program:

Content Relevance:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Delivery Style (Clarity, Engagement, etc.):

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Usefulness of Materials/Handouts:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

6. What did you like most about the training program?

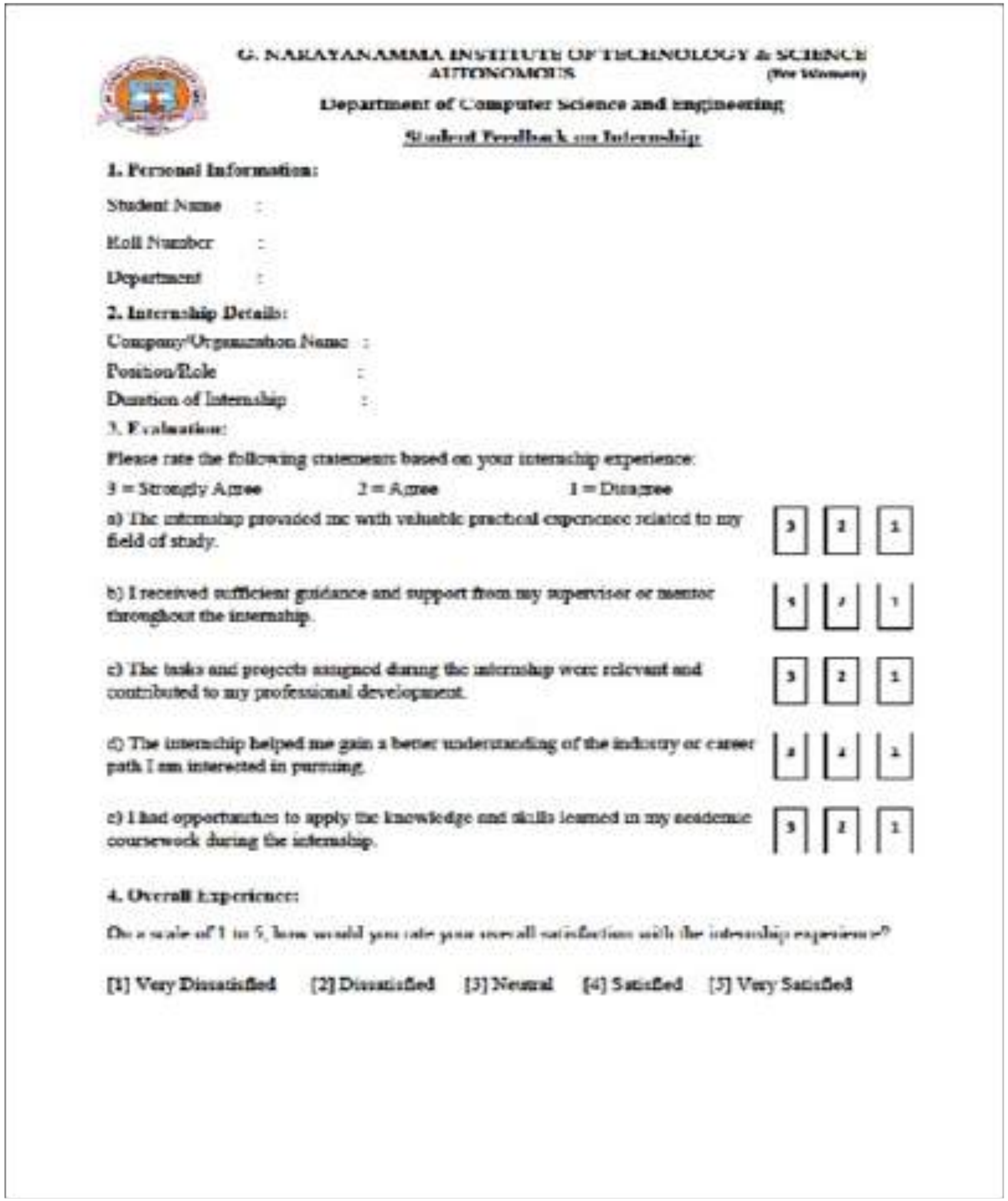
7. What aspects of the training program could be improved?

8. Did the training program help you in achieving your learning objectives?
☐ Yes ☐ No ☐ Partially

9. Would you recommend this training program to others? ☐ Yes ☐ No

10.Additional Comments or Suggestions for Improvement:

Signature of the Student



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)

Department of Computer Science and Engineering

Student Feedback on Internship

1. Personal Information:

Student Name :

Roll Number :

Department :

2. Internship Details:

Company/Organization Name :

Position/Role :

Duration of Internship :

3. Evaluation:

Please rate the following statements based on your internship experience:

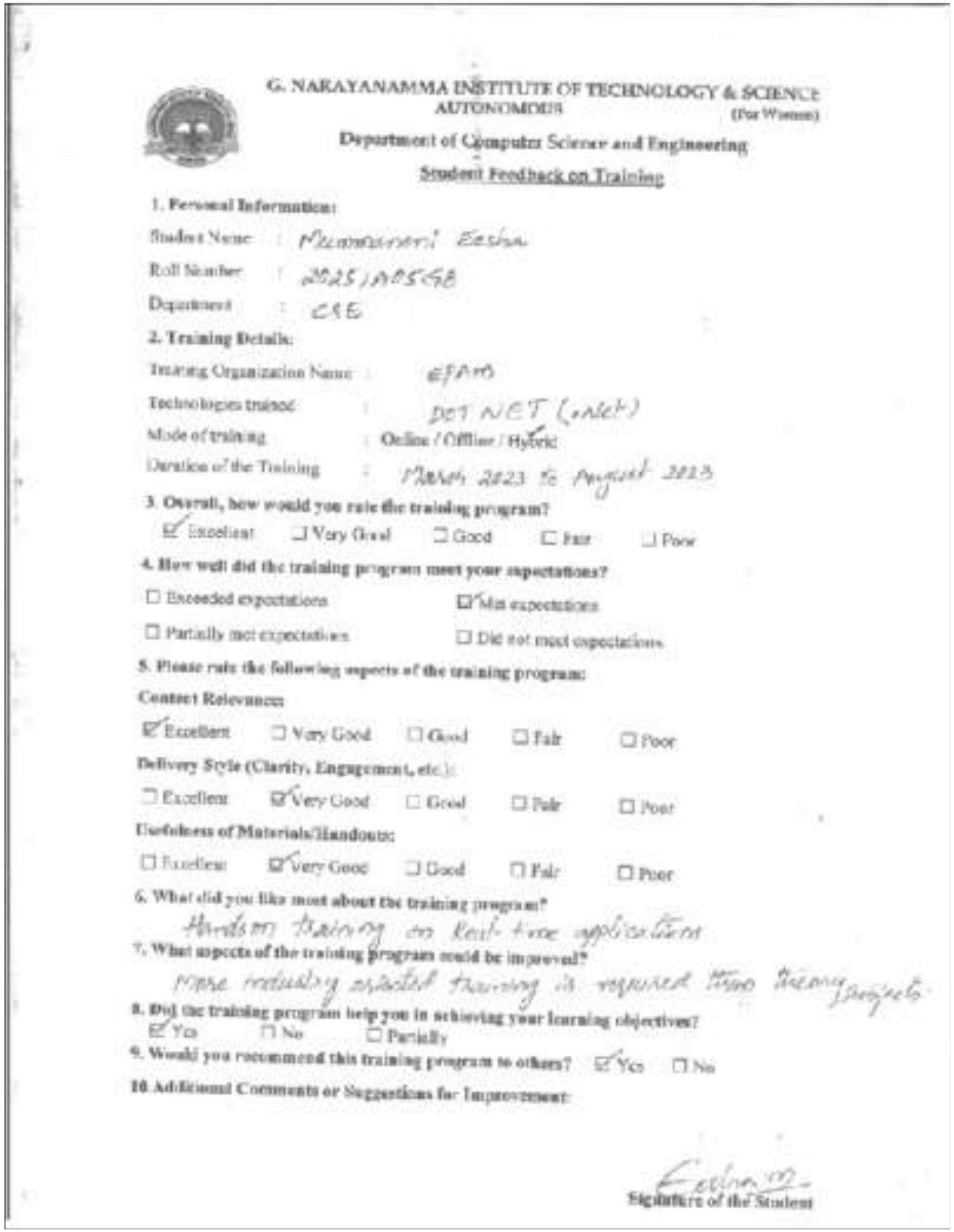
3 = Strongly Agree 2 = Agree 1 = Disagree

a) The internship provided me with valuable practical experience related to my field of study.	3	2	1
b) I received sufficient guidance and support from my supervisor or mentor throughout the internship.	3	2	1
c) The tasks and projects assigned during the internship were relevant and contributed to my professional development.	3	2	1
d) The internship helped me gain a better understanding of the industry or career path I am interested in pursuing.	3	2	1
e) I had opportunities to apply the knowledge and skills learned in my academic coursework during the internship.	3	2	1

4. Overall Experience:

On a scale of 1 to 5, how would you rate your overall satisfaction with the internship experience?

[1] Very Dissatisfied [2] Dissatisfied [3] Neutral [4] Satisfied [5] Very Satisfied



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS
(For Women)

Department of Computer Science and Engineering

Student Feedback on Training

1. Personal Information:

Student Name : Mummaneni Eesha

Roll Number : 20251A05G8

Department : CSE

2. Training Details:

Training Organization Name : EPAM

Technologies trained : DOT NET (.Net)

Mode of training : Online / Offline / [✓ Hybrid]

Duration of the Training : March 2023 to August 2023

3. Overall, how would you rate the training program?

☑ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

4. How well did the training program meet your expectations?

☐ Exceeded expectations ☑ Met expectations

☐ Partially met expectations ☐ Did not meet expectations

5. Please rate the following aspects of the training program:

Content Relevance:

☑ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Delivery Style (Clarity, Engagement, etc.):

☐ Excellent ☑ Very Good ☐ Good ☐ Fair ☐ Poor

Usefulness of Materials/Handouts:

☐ Excellent ☑ Very Good ☐ Good ☐ Fair ☐ Poor

6. What did you like most about the training program?

Hands on training on Real-time applications

7. What aspects of the training program could be improved?

More industry oriented training is required than theory projects.

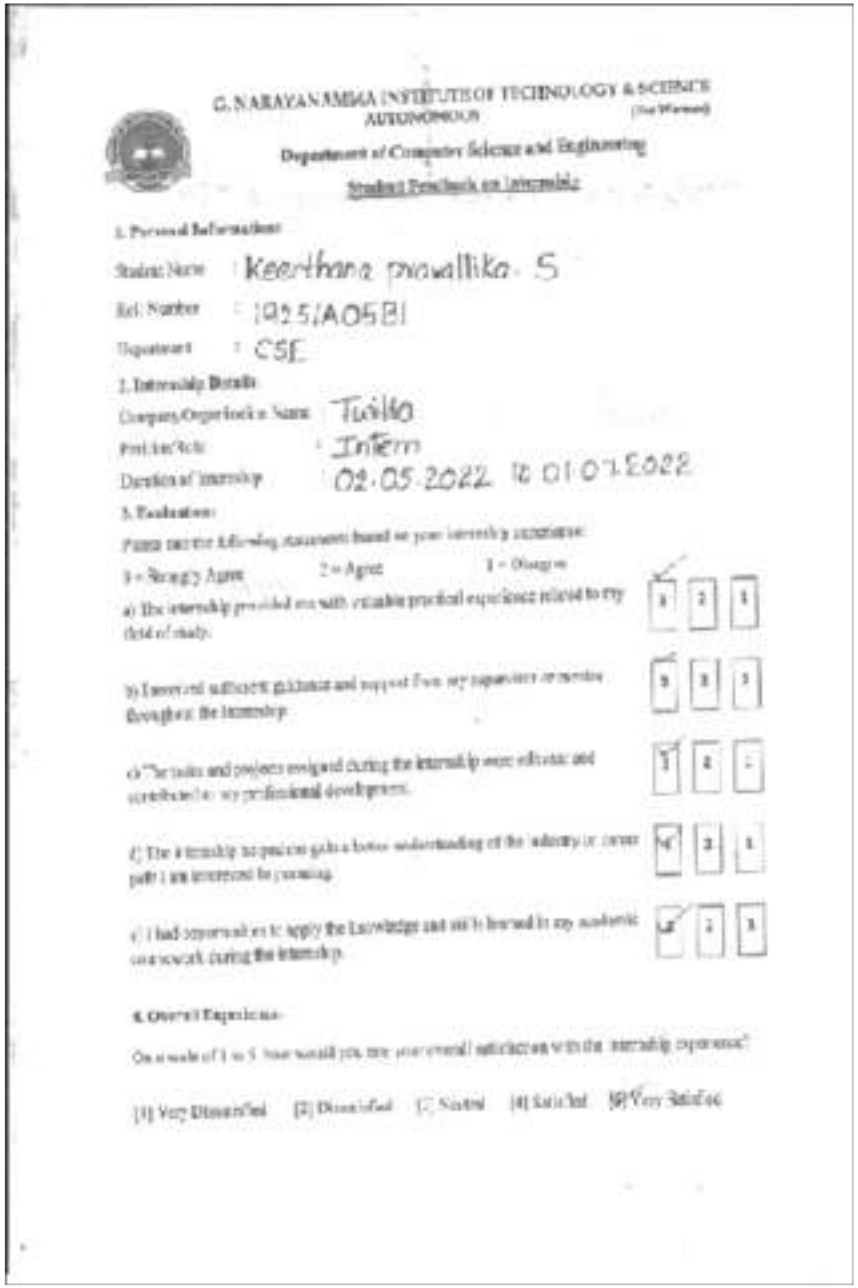
8. Did the training program help you in achieving your learning objectives?

☑ Yes ☐ No ☐ Partially

9. Would you recommend this training program to others? ☑ Yes ☐ No

10. Additional Comments or Suggestions for Improvement:

Eesha M.
Signature of the Student



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)

Department of Computer Science and Engineering

Student Feedback on Internship

1. Personal Information

Student Name : Keerthana prawallika. S

Roll Number : 1925/A05B1

Department : CSE

2. Internship Details

Company/Organization Name : Twillo

Position/Role : Intern

Duration of Internship : 02.05.2022 to 01.07.2022

3. Evaluation:

Please rate the following statements based on your internship experience:

3 = Strongly Agree 2 = Agree 1 = Disagree

a) The internship provided me with valuable practical experience related to my field of study. ☑ 3 ☐ 2 ☐ 1

b) I received sufficient guidance and support from my supervisor or mentor throughout the internship. ☑ 3 ☐ 2 ☐ 1

c) The tasks and projects assigned during the internship were relevant and contributed to my professional development. ☑ 3 ☐ 2 ☐ 1

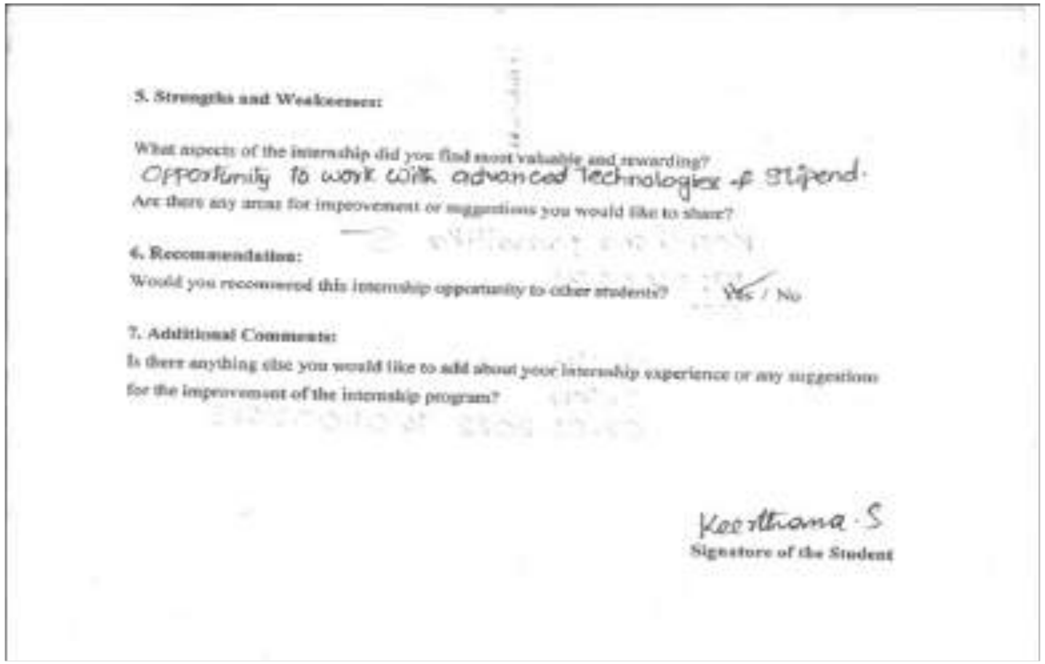
d) The internship helped me gain a better understanding of the industry or career path I am interested in pursuing. ☑ 3 ☐ 2 ☐ 1

e) I had opportunities to apply the knowledge and skills learned in my academic coursework during the internship. ☑ 3 ☐ 2 ☐ 1

4. Overall Experience:

On a scale of 1 to 5, how would you rate your overall satisfaction with the internship experience?

[1] Very Dissatisfied [2] Dissatisfied [3] Neutral [4] Satisfied [✓ [5] Very Satisfied]



5. Strengths and Weaknesses:

What aspects of the internship did you find most valuable and rewarding?

Opportunity to work with advanced technologies & stipend.

Are there any areas for improvement or suggestions you would like to share?

—

6. Recommendation:

Would you recommend this internship opportunity to other students? [✓ Yes] / No

7. Additional Comments:

Is there anything else you would like to add about your internship experience or any suggestions for the improvement of the internship program?

Keerthana S

Signature of the Student

Figure 2.2.5.11: Student Feedback on Training

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (175)

Total Marks 175.00

Define the Program specific outcomes

:

PSO1	The ability to develop software projects using standard practices and suitable programming environment.
PSO2	To apply computer science knowledge in exploring and adopting latest technologies in different co-curricular activities.

3.1 Establish the correlation between the courses and the Program Outcomes (POs) & Program Specific Outcomes (25)

Total Marks 25.00

Institute Marks : 25.00

No. of Core Courses : 8	**C2 :** 4	**C3 :** 2	**C4 :** 2

Note : Number of Outcomes for a Course is expected to be around 6.

Course Name :	**C2 04**	**Course Year :**	**2020-2021**

Course Name	**Statements**
C2 04.1	Demonstrate the basic concepts of C++ programming
C2 04.2	Analyze the time and space complexities of algorithms
C2 04.3	Use basic data structures such as linked list, stack and queue
C2 04.4	Design programs using advanced data structures like hash tables, binary trees, search trees, heaps and graphs
C2 04.5	Choose appropriate data structures to represent data items in real world problems
C2 04.6	Analyze and implement various kinds of searching and sorting techniques

Course Name :	**C2 05**	**Course Year :**	**2020-2021**

Course Name	**Statements**
C2 05.1	Understand the object oriented programming concepts and solve real world problems
C2 05.2	Demonstrate the use of inheritance and packages
C2 05.3	Understand and implement the concepts of exception handling
C2 05.4	Develop multithreaded applications with synchronization
C2 05.5	Solve problems using java collection framework and I/O classes
C2 05.6	Design Graphical User Interface using applets and swing controls

Course Name :	**C2 12**	**Course Year :**	**2020-2021**

Course Name	**Statements**
C2 12.1	Recognize the basic components and the design of CPU, ALU and Control Unit
C2 12.2	Know the architecture of 8086
C2 12.3	Realize the instruction set, instruction formats and addressing modes of 8086
C2 12.4	Write assembly language programs for problem solving
C2 12.5	Understand the memory hierarchy and I/O organization

C2 12.6	Comprehend the advantage of instruction level parallelism and pipelining for high performance Processor design

Course Name :	**C2 13**	**Course Year :**	**2020-2021**

Course Name	**Statements**
C2 13.1	Acquire a High-level understanding of what is an operating system and the role it plays and the services it provides
C2 13.2	Understand process management concepts including scheduling, synchronization
C2 13.3	Describe System model for deadlock, Methods for handling deadlocks
C2 13.4	Understand memory management including virtual memory
C2 13.5	Acquire knowledge on issues related to file system interface and implementation
C2 13.6	Understand the issues related to disk management

Course Name :	**C3 03**	**Course Year :**	**2021-2022**

Course Name	**Statements**
C3 03.1	Apply design principles and concepts to algorithms
C3 03.2	Analyze asymptotic run time complexity of algorithms including formulating recurrence relations
C3 03.3	Apply different designing methods for development of algorithms to realistic problems, such as divide and conquer, greedy
C3 03.4	Develop the dynamic programming algorithms, and analyze it to determine its computational complexity
C3 03.5	Implement branch and bound, back tracking techniques to solve Problems
C3 03.6	Formulate Non-deterministic algorithms for NP hard and NP complete problems and explain what an approximation algorithm is

Course Name :	**C3 14**	**Course Year :**	**2021-2022**

Course Name	**Statements**
C3 14.1	Develop a dynamic webpage by the use of java script, DHTML and AJAX Programming
C3 14.2	Write a well formed / valid XML document and understand how to parse and use XML data with java
C3 14.3	Understand the server side scripting with PHP language

C3 14.4	Connect databases to the server side applications
C3 14.5	Write a server side java application called Servlet to retrieve form data sent from client, process it and store it on database
C3 14.6	Develop server side java application called JSP to catch form data sent from client and store it on database

Course Name :	**C4 02**	**Course Year :**	**2022-2023**

Course Name	Statements
C4 02.1	Understand the working model of existing compilers
C4 02.2	Develop tools for different phases of compiler
C4 02.3	Compare top-down and bottom-up parsers for a given grammar
C4 02.4	Analyze and apply syntax directed translation schemes in different phases
C4 02.5	Design techniques to improve the efficiency of a compiler
C4 02.6	Develop algorithms to generate code for target machine

Course Name :	**C4 13**	**Course Year :**	**2022-2023**

Course Name	Statements
C4 13.1	Identify network security threats and indicate countermeasures
C4 13.2	Illustrate various cryptographic algorithms
C4 13.3	Understand various message authentication algorithms and applications
C4 13.4	Identify security solutions for E-Mail and IP layer
C4 13.5	Demonstrate security solutions for web and internet
C4 13.6	Analyze vulnerabilities using different case studies

Course Articulation Matrix :

1 . course name : C204

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C204.1	Demonstrat	2	2	3	-	-	-	-	-	-	-	-	2
C204.2	Analyze the	2	2	2	-	2	-	-	-	3	-	2	-
C204.3	Use basic c	-	3	-	2	-	-	-	-	-	-	-	2
C204.4	Design prog	3	3	2	2	3	1	-	-	2	-	2	3
C204.5	Choose app	3	2	3	3	3	-	-	-	3	-	3	3
C204.6	Analyze an	3	3	2	2	2	-	-	-	-	-	2	2
Average		**2.60**	**2.50**	**2.40**	**2.25**	**2.50**	**1.00**	**0.00**	**0.00**	**2.67**	**0.00**	**2.25**	**2.40**

2 . course name : C205

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C205.1	Understand	2	2	3	2	3	-	-	-	2	-	-	-
C205.2	Demonstrat	3	2	3	3	2	-	-	-	3	-	-	-
C205.3	Understand	2	3	3	2	3	-	-	-	2	-	-	-
C205.4	Develop mu	3	2	3	3	2	-	-	-	3	-	-	-
C205.5	Solve probl	2	2	3	2	2	-	-	-	2	-	-	-
C205.6	Design Gra	2	3	3	3	3	-	-	-	3	-	-	-
Average		**2.33**	**2.33**	**3.00**	**2.50**	**2.50**	**0.00**	**0.00**	**0.00**	**2.50**	**0.00**	**0.00**	**0.00**

3 . course name : C212

Course	Statements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C212.1	Recognize	3	3	2	2	-	-	2	-	-	-	-	-
C212.2	Know the a	3	-	3	3	-	-	-	-	-	-	2	-
C212.3	Realize the	2	2	2	2	-	-	-	-	-	-	3	-
C212.4	Write asser	2	3	3	-	3	-	-	-	-	-	2	-
C212.5	Understand	3	2	2	-	-	-	-	-	-	-	-	-

C212.6	Compreher	2	-	3	3	-	-	2	-	-	-	-	-
Average		**2.50**	**2.50**	**2.50**	**2.50**	**3.00**	**0.00**	**2.00**	**0.00**	**0.00**	**0.00**	**2.33**	**0.00**

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4 . course name : C213

Course	**Statements**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C213.1	Acquire a H	2	-	2	2	2	-	-	-	-	1	-	2
C213.2	Understanc	3	2	3	3	-	-	2	-	2	2	1	-
C213.3	Describe Sy	3	3	2	2	3	2	2	-	-	2	2	-
C213.4	Understanc	2	2	3	3	2	-	1	-	3	-	2	3
C213.5	Acquire knc	2	3	2	2	3	-	2	-	2	-	1	2
C213.6	Understanc	3	3	3	3	2	-	2	-	3	-	-	1
Average		**2.50**	**2.60**	**2.50**	**2.50**	**2.40**	**2.00**	**1.80**	**0.00**	**2.50**	**1.67**	**1.50**	**2.00**

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5 . course name : C303

Course	**Statements**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C303.1	Apply desig	2	3	3	2	-	-	-	-	-	-	-	2
C303.2	Analyze asy	2	3	2	3	-	-	-	-	-	-	-	3
C303.3	Apply differ	3	3	3	3	-	2	-	-	-	-	-	2
C303.4	Develop the	3	3	3	3	-	3	-	-	-	-	-	3
C303.5	Implement	3	3	3	3	-	3	-	-	-	-	-	2
C303.6	Formulate I	2	3	2	2	-	-	-	-	-	-	-	3
Average		**2.50**	**3.00**	**2.67**	**2.67**	**0.00**	**2.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.50**

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6 . course name : C314

Course	**Statements**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C314.1	Develop a c	3	3	3	2	3	-	1	-	3	3	3	3
C314.2	Write a well	2	3	2	2	3	-	1	-	2	2	2	3

C314.3	Understanc	3	3	3	3	2	-	1	-	3	3	3	3
C314.4	Connect da	3	3	2	3	3	-	1	-	3	2	2	3
C314.5	Write a ser\	2	3	2	3	3	-	1	-	3	3	2	3
C314.6	Develop se	2	3	3	2	3	-	1	-	3	3	2	3
Average		**2.50**	**3.00**	**2.50**	**2.50**	**2.83**	**0.00**	**1.00**	**0.00**	**2.83**	**2.67**	**2.33**	**3.00**

7 . course name : C402

Course	**Statements**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C402.1	Understanc	2	3	3	2	3	2	-	-	-	-	-	1
C402.2	Develop too	3	2	3	2	2	3	-	-	-	-	-	2
C402.3	Compare tc	2	3	3	3	2	2	-	-	-	-	-	1
C402.4	Analyze an	3	2	2	3	3	2	-	-	-	-	-	2
C402.5	Design tech	-	3	3	2	2	3	-	-	-	-	-	1
C402.6	Develop alç	3	-	3	3	-	2	-	-	-	-	-	2
Average		**2.60**	**2.60**	**2.83**	**2.50**	**2.40**	**2.33**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.50**

8 . course name : C413

Course	**Statements**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C413.1	Identify net\	3	2	-	-	2	2	2	2	-	-	-	2
C413.2	Illustrate va	3	3	3	2	3	3	-	-	-	-	-	3
C413.3	Understanc	2	3	-	-	-	-	-	-	-	-	-	2
C413.4	Identify sec	3	2	2	3	2	2	1	3	-	-	-	3
C413.5	Demonstrat	2	2	2	2	3	3	-	-	-	-	-	3
C413.6	Analyze vul	3	3	3	3	2	2	-	2	-	-	-	2
Average		**2.67**	**2.50**	**2.50**	**2.50**	**2.40**	**2.40**	**1.50**	**2.33**	**0.00**	**0.00**	**0.00**	**2.50**

---

1 . Course Name : C204

Course	PSO1	PSO2
C204.1	3	-
C204.2	3	-
C204.3	3	-
C204.4	3	3
C204.5	3	2
C204.6	3	-
Average	**3.00**	**2.50**

---

2 . Course Name : C205

Course	PSO1	PSO2
C205.1	2	-
C205.2	2	-
C205.3	2	-
C205.4	2	-
C205.5	2	-
C205.6	2	-
Average	**2.00**	**0.00**

---

3 . Course Name : C212

Course	PSO1	PSO2
C212.1	2	-
C212.2	2	-
C212.3	3	-
C212.4	2	-
C212.5	2	-

C212.6	2	-
Average	**2.17**	**0.00**

4 . Course Name : C213

Course	PSO1	PSO2
C213.1	2	-
C213.2	3	-
C213.3	2	-
C213.4	3	-
C213.5	2	-
C213.6	2	-
Average	**2.33**	**0.00**

5 . Course Name : C303

Course	PSO1	PSO2
C303.1	2	-
C303.2	2	-
C303.3	2	-
C303.4	2	-
C303.5	2	-
C303.6	2	-
Average	**2.00**	**0.00**

6 . Course Name : C314

Course	PSO1	PSO2
C314.1	2	2
C314.2	2	2

C314.3	2	3
C314.4	2	2
C314.5	2	2
C314.6	2	2
Average	**2.00**	**2.17**

7 . Course Name : C402

Course	PSO1	PSO2
C402.1	3	2
C402.2	2	3
C402.3	2	2
C402.4	2	2
C402.5	2	2
C402.6	2	2
Average	**2.17**	**2.17**

8 . Course Name : C413

Course	PSO1	PSO2
C413.1	2	-
C413.2	2	-
C413.3	2	-
C413.4	-	-
C413.5	2	-
C413.6	2	-
Average	**2.00**	**0.00**

Program Articulation Matrix :

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	1.80	2.00	2.00	2.00	3.00	2.00	2.00	0	0	0	0	2.00
C102	1.00	2.00	3.00	0	0	0	0	0	0	0	0	0
C103	2.67	2.50	2.00	0	0	0	0	0	0	0	0	1.00
C104	2.60	2.60	2.60	0	2.50	0	0	0	1.60	0	0	2.67
C105	2.75	2.00	2.00	2.00	2.00	1.00	0	0	0	0	0	1.00
C106	2.67	2.50	2.00	0	0	0	0	0	0	0	0	1.00
C107	2.50	2.40	2.60	3.00	3.00	0	0	0	2.20	0	0	2.40
C108	2.17	1.83	2.00	2.33	1.67	1.75	2.00	0	0	0	0	0
C109	3.00	2.33	2.00	1.00	0	0	0	0	0	0	0	0
C110	0	0	0	2.33	0	2.50	2.50	2.33	2.00	3.00	0	0
C111	2.00	1.00	1.50	2.00	2.00	2.00	1.67	0	0	2.00	1.75	1.33
C112	1.75	1.83	1.83	2.00	1.50	1.75	2.00	3.00	2.50	2.00	1.00	3.00
C113	0	0	0	2.20	0	2.00	2.00	2.00	3.00	3.00	1.00	0
C114	2.33	2.33	2.83	2.00	2.00	0	0	0	1.00	0	0	0
C115	2.00	0	2.00	0	0	1.67	0	1.17	0	1.33	0	1.00
C201	3.00	3.00	0	0	0	0	0	0	1.00	1.00	0	0
C202	2.50	2.80	2.67	2.40	0	2.00	0	0	2.33	0	0	0
C203	2.00	2.00	2.00	2.00	0	0	0	0	1.00	1.00	0	2.00
C204	2.60	2.50	2.40	2.25	2.50	1.00	0	0	2.67	0	2.25	2.40
C205	2.33	2.33	3.00	2.50	2.50	0	0	0	2.50	0	0	0
C206	2.50	2.40	2.50	2.50	2.50	3.00	0	0	2.40	0	2.50	2.40
C207	2.50	2.50	2.60	2.40	2.40	2.00	0	0	0	0	2.25	2.67
C208	2.50	2.50	3.00	2.50	2.50	0	0	0	2.50	2.50	0	0
C209	0	0	0	0	0	3.00	0	3.00	2.00	2.00	0	0
C210	2.33	2.83	2.50	2.60	0	0	0	0	2.50	2.67	0	0
C211	0	0	1.20	2.00	0	0	3.00	0	1.00	2.00	3.00	2.00
C212	2.50	2.50	2.50	2.50	3.00	0	2.00	0	0	0	2.33	0

C213	2.50	2.60	2.50	2.50	2.40	2.00	1.80	0	2.50	1.67	1.50	2.00
C214	3.00	2.83	3.00	2.00	3.00	3.00	2.00	0	2.00	1.00	0	0
C215	2.50	2.50	2.40	2.00	2.50	2.33	0	0	2.33	1.50	1.50	0
C216	2.50	2.50	2.50	2.60	2.33	3.00	2.60	0	2.60	2.50	2.33	2.50
C217	3.00	3.00	3.00	0	3.00	0	0	0	2.50	2.00	0	0
C218	1.00	1.33	2.00	1.25	2.00	1.50	2.50	2.00	1.33	2.00	2.00	1.33
C301	0	0	0	0	0	1.00	3.00	0	3.00	3.00	0	2.00
C302	3.00	2.50	2.83	2.50	2.80	2.67	0	0	0	0	0	2.50
C303	2.50	3.00	2.67	2.67	0	2.67	0	0	0	0	0	2.50
C304	2.67	2.83	2.50	2.33	2.50	2.00	2.00	2.00	2.50	2.40	2.33	0
C305	2.50	1.67	2.00	1.00	0	0	1.00	0	0	0	1.00	0
C306	2.00	2.17	2.00	1.60	2.33	0	0	0	1.67	0	0	0
C307	3.00	3.00	0	0	1.00	0	0	0	1.00	0	0	0
C308	0	2.00	2.33	0	2.00	1.50	2.67	0	0	0	0	1
C309	0	2.00	0	0	0	1.00	0	3.00	3.00	3.00	0	0
C310	3.00	2.50	2.50	2.50	2.40	2.67	0	0	0	0	0	2.50
C311	2.50	3.00	3.00	3.00	0	2.50	0	0	0	0	0	2.50
C312	2.60	2.50	2.50	2.80	2.50	2.00	2.00	0	0	2.33	0	2.17
C313	2.40	2.50	2.40	2.50	3.00	2.00	2.00	0	2.00	0	0	3.00
C314	2.50	3.00	2.50	2.50	2.83	0	1.00	0	2.83	2.67	2.33	3.00
C315	1.40	1.80	1.40	2.00	1.33	0	0	0	1.00	0	0	0
C316	2.50	2.33	2.50	2.50	2.50	2.33	2.00	0	0	0	0	2.25
C317	1.83	1.83	1.83	2.00	2.40	1.33	0	0	1.60	1.67	2.00	2.00
C318	0	0	0	0	3.00	2.00	0	0	3.00	3.00	2.00	0
C319	2.50	2.50	3.00	2.20	2.83	2.33	2.33	0	2.67	2.33	2.00	2.33
C320	2.00	1.50	2.00	1.50	2.33	1.67	0	0	1.67	0	0	1.50
C321	2.60	2.50	3.00	2.60	3.00	2.50	2.00	0	0	0	0	2.50
C322	2.50	1.67	2.50	2.50	2.33	2.00	0	0	1.50	1.60	2.50	2.50

C323	2.40	2.40	2.50	2.25	0	2.33	0	2.00	0	3.00	2.00	2.50
C401	0	0	0	0	0	2.00	2.00	0	2.50	1.00	3.00	3.00
C402	2.60	2.60	2.83	2.50	2.40	2.33	0	0	0	0	0	1.50
C403	2.50	2.50	2.50	2.33	2.50	2.50	2.00	0	0	0	0	2.50
C404	2.60	2.50	2.50	2.40	2.00	2.00	0	0	1.33	0	1.17	2.00
C405	2.17	2.00	3.00	1.83	2.00	2.00	2.00	0	0	0	0	2.00
C406	2.75	2.50	2.17	2.00	2.00	2.50	2.00	2.00	0	0	0	2.00
C407	2.50	2.50	2.50	2.50	2.50	2.50	3.00	2.33	2.50	2.17	2.00	2.17
C408	2.33	1.67	2.17	1.00	3.00	0	2.00	0	0	0	1.00	0
C409	0	0	0	0	0	2.25	3.00	0	2.00	2.00	2.00	3.00
C410	2.50	2.60	2.50	2.50	2.75	2.17	0	0	0	0	2.00	2.00
C411	2.50	2.33	2.50	2.40	2.33	2.40	2.00	2.17	3.00	1.83	2.00	2.50
C412	2.60	2.50	2.40	2.40	2.33	3.00	2.33	2.50	3.00	2.00	2.33	2.50
C413	2.67	2.50	2.50	2.50	2.40	2.40	1.50	2.33	0	0	0	2.50
C414	2.50	2.67	2.67	2.00	2.33	2.33	2.50	2.00	2.33	2.50	2.33	2.50
C415	2.17	1.33	1.67	2.00	1.83	1.00	0	0	0	1.33	0	1.20
C416	2.40	1.83	1.83	1.40	2.67	1.00	0	2.00	2.00	0	2.00	1.33
C417	2.67	2.50	2.50	2.50	2.50	2.50	3.00	2.33	2.50	2.33	2.50	2.33
C418	2.17	2.40	2.60	2.33	0	2.00	0	2.00	0	0	0	2.17
C419	2.33	2.00	2.17	2.40	0	0	0	0	2.00	0	0	0
C420	1.33	1.25	2.33	2.00	2.00	2.00	1.00	1.25	2.25	1.00	2.00	1.00
C421	2.60	2.50	2.40	2.40	2.33	3.00	2.33	2.50	3.00	2.00	2.33	2.50

Course	**PSO1**	**PSO2**
C101	2.00	2.00
C102	2.00	0
C103	2.00	0
C104	3.00	2

C105	2.00	2.00
C106	2.00	0
C107	3.00	2.00
C108	2.00	1.67
C109	2.00	0
C110	0	2.00
C111	2.00	2.00
C112	2.00	2.00
C113	2.00	0
C114	2.00	0
C115	0	1.67
C201	1.67	0
C202	1.83	0
C203	1.60	1.40
C204	3.00	2.50
C205	2.00	0
C206	2.00	0
C207	2.83	2.00
C208	2.00	0
C209	0	0
C210	2.00	0
C211	0	0
C212	2.17	0
C213	2.33	0
C214	2.50	3.00
C215	2.00	0
C216	2.67	0
C217	2.50	2.33

C218	2.00	2.00
C301	0	0
C302	2.00	0
C303	2.00	0
C304	2.50	0
C305	1.00	0
C306	1.83	2.33
C307	2.00	2.00
C308	2.00	2.00
C309	0	2.00
C310	2.00	0
C311	2.00	0
C312	2.20	2.00
C313	2.00	2.00
C314	2.00	2.17
C315	1.83	1.67
C316	2.00	2.00
C317	2.00	0
C318	2.00	2.00
C319	2.00	2.00
C320	1.33	1.33
C321	2.00	2.00
C322	2.00	0
C323	2.00	2.00
C401	0	0
C402	2.17	2.17
C403	0	2.33
C404	2.00	1.67

C405	2.00	0
C406	2.50	2.00
C407	1.80	1.67
C408	1.17	0
C409	0	0
C410	2.33	2.17
C411	2.60	2.00
C412	2.50	2.33
C413	2.00	0
C414	2.00	0
C415	1.40	0
C416	1.50	1.00
C417	2.20	2.17
C418	0	0
C419	2.00	2.33
C420	1.00	1.00
C421	2.50	2.33

3.2 Attainment of Course Outcomes (75)

Total Marks 75.00

Institute Marks : 10.00

3.2.1 Describe the assessment tools and processes used to gather the data upon which the evaluation of Course Outcome is based (10 Marks)

(Describe different assessment tools (semester end examinations, mid semester tests, laboratory examinations, student port folios etc.) to measure the student learning and hence attainment of course outcomes.)

The attainment of course outcomes is done using various assessment tools such as Assignments, Internal and External Examinations of Theory and Laboratory courses, seminars and project work. The evaluation procedure is followed as per the guidelines given in the programme regulations. The CO Attainment for all the courses is calculated based on direct and indirect attainment using assessment process and rubrics defined. The direct attainment for the courses is calculated with the performance of the students in internal and external examinations and the indirect attainment is calculated through course end survey. Separate set of rubrics are used for assessment of project works, seminars and mini projects.

Course Level Assessment process:

The attainment of Course Outcomes is based on the following assessment and evaluation processes:

A. List of Assessment Tools used for CO Attainment:

1. Assignments:

Practice assignments are given to the students during the course in order to improve their conceptual knowledge, which involves application of the theoretical concepts in solving various problem-oriented questions. For each of the course offered during the semester, weighted assignments carrying 5 Marks are given twice in a semester at least ten days before the internal examinations. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. Assignments, internal and external examinations put together contribute to the assessment of students' abilities in applying fundamental concepts and to look into their quantitative, numerical and analytical skills.

2. Examinations (Internal and Semester End):

The performance of a student in each semester is evaluated course –wise with a maximum of 100 marks for Theory courses (30 marks for internal examination and 70 marks for semester end examination) and 100 marks for Practical courses (30 marks for internal evaluation and 70 marks for semester end evaluation). For each course, two internal examinations and one semester end examination will be conducted.

a. **Internal Examinations:**

The internal examinations are conducted for 30 marks. The first internal examination will be conducted from 50 % of the syllabus and the second internal examination for the remaining 50 % of the syllabus. In each of the internal examinations, subjective examination will be conducted for 25 marks and assignment for 5 marks. Internal subjective examination consists of Part-A (Objective Type) for 10 marks and Part-B (Subjective Type) for 15 marks with duration of 2 hours. The Objective section may be set with multiple choice questions, True/False selections, and fill-in the blanks, matching type questions, etc. Subjective part contains 5 questions of which student have to answer any 3 questions of 5 marks each.

Students' performance in both the internal examinations will be considered for evaluating the internal marks, the average of both the internal examination marks will be considered as final consolidated internal marks.

b. Semester End Examinations:

The semester end examinations are conducted for 70 marks. The question paper consists of Part-A (10 marks) and Part-B (60 marks). Part-A comprises of 5 sub questions of 2 marks each. All the questions of Part-A are mandatory. In Part-B, 2 questions will be given from each unit for 12 marks each and out of which only one question must be answered as internal choice.

3. Evaluation of Laboratory Courses:

The laboratory courses are evaluated continuously throughout the semester for internal assessment. The internal evaluation is done for 30 marks and external (semester end) evaluation for 70 marks. The 30 marks against internal assessment for practical courses is de-marketed under day-to-day evaluation (20 Marks), internal examination & viva-voce (10 Marks) conducted by the faculty concerned. The semester end practical examination will be conducted in the presence of external examiner appointed by the Head of the Department.

4. Seminars:

The Seminar Presentation is in III Year II Semester. The student gives presentation on a technical topic and submits a technical report to the department. The Seminar Presentation along with the Technical Report submitted, will be evaluated for 100 marks by two faculty members assigned by the Head of the Department. There is no semester end examination or external examination for the Seminar.

5. Project Work:

The project work is assigned and carried out by a group of maximum four students. The students are encouraged to choose the topic of the project work in their own area of interest. They are also motivated to carry out the work along with the faculty in their research area. The mini project is carried out by 3rd year students for 8 weeks during summer vacation between 3rd and 4th years.

After completing the project, at the end of the semester, the department conducts a project demonstration wherein the students exhibit their project work which will be evaluated by the panel of judges. The prizes are awarded to the best projects selected.

Evaluation of project works:

a. **Mini-projects:**

In III year II Semester, the students need to undertake a mini project. Continuous evaluation of the mini project is done by the mini-project coordinators and the project supervisors for developing quality applications. The final evaluation of the project will be done in IV year I Semester for **100 marks** by the committee. There are no internal marks awarded for the mini project.

b. **Major Project:**

As per the instructions of the project guide assigned by the Head of the Department the student takes up the project work during final year. The project work is divided and carried out in 2 phases: Phase-I in IV Year I Semester and Phase-II in IV Year II Semester. The student prepares two independent project reports. First report for the project work carried out under Phase-I and second report for Phase-II. Phase- I and Phase- II of the Project Work will be evaluated for 100 marks each, 30 marks for Continuous Internal Evaluation and 70 marks for Semester Evaluation (Viva-voce). For the Project Phase - I, the Viva-voce will be conducted at the end of the IV Year I Semester, before the commencement of Semester End Examinations, at the Department Level by a Committee comprising of the HOD or senior faculty member and Supervisor and the Project Phase - II (or Final Project Viva-voce) will be conducted by a Committee comprising of an External Examiner, the Head of the Department and the Project Supervisor at the end of the IV Year II Semester, before the commencement of semester end examinations. The nomination of the External Examiner will be done by the Principal from the panel of 3 names of external faculty members submitted by the HOD.

Assessment criteria and the division of marks for the CIE (Continuous Internal Evaluation and the SEE (Semester End Evaluation) are as follows:

a. The Phase- I and Phase- II of the Project Work be evaluated for 100 marks each. The Assessment criteria and division of marks for project work is shown in the Table 3.2.1 below.

Table No. 3.2.1 Assessment Criteria for Project Phase-I and Phase-II

Assessment	Evaluator	CIE / SEE
Internal	PRC, Supervisor	CIE (30M)
Semester End	Viva Voce by External Examiner	SEE (70M)
	Total	**100M**

The frequency at which the above evaluations are done is listed in Table 3.2.2 given below.

Table 3.2.2: Assessment Tools and Frequency of Evaluation

S. No.	Course Type	Assessment Tools	Frequency of Evaluation
1	Assignments	Assignments (5 Marks)	Twice per semester
2	Theory Courses (100 Marks)	a. Internal Examinations b. (30 Marks) c. Semester End Examinations (70 Marks)	Twice per semester Once per semester
3	Laboratory Courses (100 Marks)	a. Internal Assessment b. (30 Marks) (Day to Day Evaluation-20Marks c. Internal Exam – 10 Marks) d. External Assessment e. (70 marks)	Continuous evaluation Once per semester
4	Seminar (100 Marks)	f. Seminar - Internal Evaluation g. (100 Marks)	Once in B.Tech Programme

5	Mini Project (100 Marks)	Mini Project- Semester End Examination (100 Marks)	Once in B.Tech. programme
6	Project Work (Phase-1 & 2) 100 Marks + 100 Marks	**Project Work** **Phase-1 (100 Marks)** Internal Evaluation – 30 Marks	Continuous Internal Evaluation
		Semester End Evaluation- 70 Marks	Once in B.Tech programme
		Phase-II (100 Marks) Internal Evaluation – 30 Marks	Continuous Internal Evaluation
		Semester End Evaluation- 70 Marks	Once in B.Tech programme

The Grading System:

Marks will be awarded to indicate the performance of each student in each Theory Course, Laboratory Course, Mini Project and Seminars based on the percentage of marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together), and a corresponding Letter Grade will be given.

As a measure of the student’s performance, a 10-point Absolute Grading System is followed according to the Table3.2.3:

Table-3.2.3 Grading System (GNR-18 Regulations)

% of Marks Secured (Class Intervals)	**Grade**	**Grade Points**

>=90%	O (Outstanding)	10
>=80% and < 90%	A+ (Excellent)	9
>=70% and < 80%	A (Very Good)	8
>=60% and < 70%	B+ (Good)	7
>=50% and <60%	B (Above Average)	6
>=40 and <50%	C (Average)	5
<40%	F (Fail)	0

B. Process used for Assessing the attainment of Course outcomes:

(The process adopted to map the assessment questions, parameters of assessment rubrics etc. to the course outcomes to be explained with examples. The process of data collection form different assessment tools and the analysis of collected data to arrive at CO attainment levels need to be explained with examples.)

Once the Course Outcomes are defined and are finalized for the programme, they are assessed through various measurement tools and techniques. These tools are helpful to obtain the level of attainment of each Course Outcome (CO). For each course the faculty handling the course is deputed as the Course Coordinator. The senior faculty who is experienced in the related subjects is identified as Module Coordinator. The Program Assessment Committee (PAC) along with HOD and Module Coordinator will review the attainment of the courses.

Each Course is defined with 6 Outcomes. The CO attainment for a particular course is obtained by **80% of Direct CO Attainment (Internal and Semester End Examinations) and 20% of Indirect CO Attainment (Course End Survey).**

The Course Attainment for all the courses will be calculated including theory courses, laboratory courses, project work, seminar and mini-project. The detailed process of course Attainment calculation is explained in the Figure 3.2.1 given below.

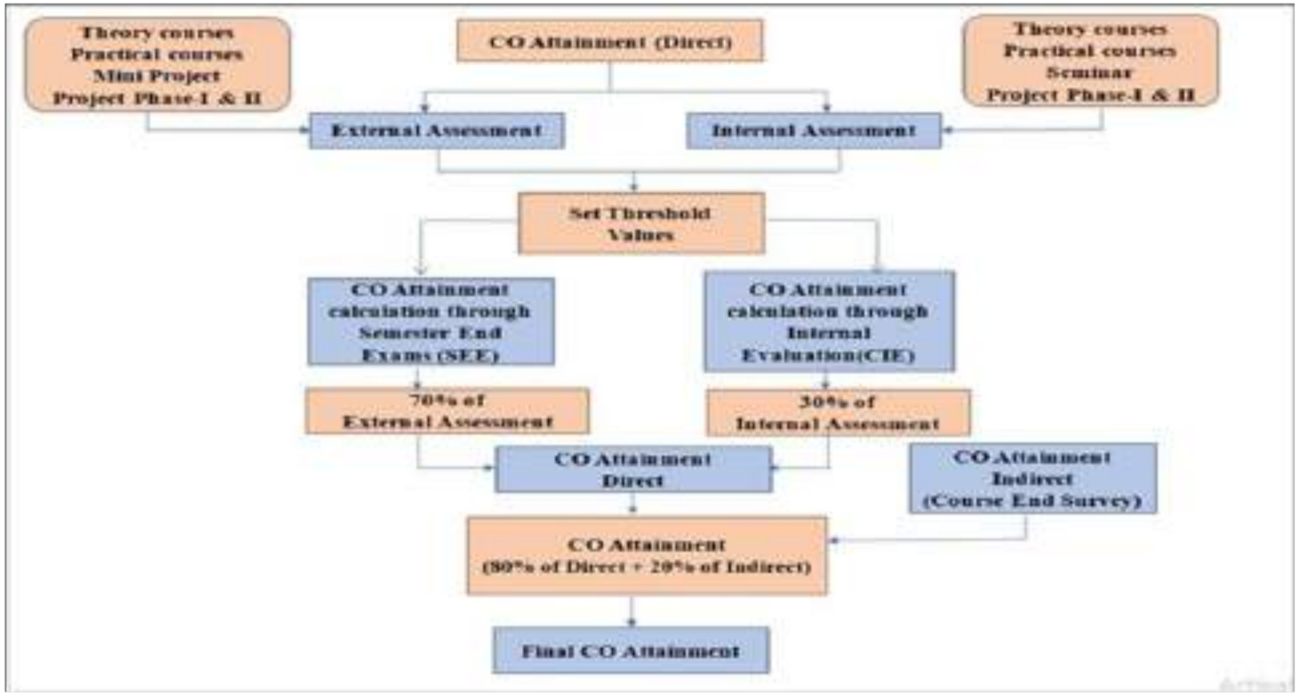

Theory courses
Practical courses
Mini Project
Project Phase-I & II
CO Attainment (Direct)
Theory courses
Practical courses
Seminar
Project Phase-I & II
External Assessment
Internal Assessment
Set Threshold Values
CO Attainment calculation through Semester End Exams (SEE)
CO Attainment calculation through Internal Evaluation(CIE)
70% of External Assessment
30% of Internal Assessment
CO Attainment Direct
CO Attainment Indirect (Course End Survey)
CO Attainment (80% of Direct + 20% of Indirect)
Final CO Attainment

Figure 3.2.1 Process of Course Attainment Calculation

i. **Measuring CO Attainment for Theory Courses:**

Measuring CO attainment through Internal Examinations (Direct Assessment)

For example, the questions of Internal Examination-1 may relate to CO1, CO2 CO3 and CO4 and the questions of Internal Examination-2 may relate to CO4, CO5 and CO6. CO attainment is evaluated based on the questions that correspond to a particular CO. Each CO attainment evaluation is done by computing the average of the marks obtained by all the students for the questions that mapped to the corresponding CO.

For example Q1(a), Q1(c), Q1(d) of Part –A, Q.2, Q.3B of Part-B correspond to CO1.

To compute the average attainment of CO1, the percentage of marks obtained by each student for CO1 is calculated.

The percentage of attainment for each question is calculated for all the students in the class which is obtained by the formula:

Percentage of attainment (Question wise) = B / A * 100

Where A= Class Strength * Maximum marks for each question,

B = Marks scored by all students for each question.

The same process is done for each question addressing CO1.

Now, For CO1,

Percentage of the average value of CO1 (threshold for CO1) is calculated by

(**Total B/ Total A) *100*0.7**

Total B= Total marks obtained by all the students for the questions of CO1

Total A= Total maximum marks of all the questions of CO1

The value 0.7 is considered by simplifying 30/40 where the student has to answer for 30 marks out of 40 marks of question paper for internal exam.

Next, the number of students above the threshold value is taken and also the percentage of students above the threshold value for CO1 is calculated.

Similar process is done for other COs of Internal Examination-1 question paper.

The average value for all the course outcomes for two internal exams in a semester is calculated.

The attainment level is to be noted depending on the obtained average value as follows:

If the average CO attainment percentage falls under any one of the following category, then the attainment level is considered as shown:

Attainment Level is 0: if **less than 50%** of students score more than threshold value

Attainment Level is 1: if **50% to 59%** of students score more than threshold value,

Attainment Level is 2: if **60% to 69%** of students scoring more than the threshold value

Attainment Level is 3: if **greater than or equal to 70%** of students score more than the threshold value

Measuring CO attainment for Semester End Examinations (Direct Assessment):

For calculating CO attainment for semester end (external) examinations, the same process is followed as internal examinations. The CO-wise attainment is calculated even for semester examinations by considering the threshold value for each course outcome. The threshold value for each Course Outcome is fixed by the programme assessment committee, for example 60% of the total marks allotted for all the questions belong to a particular Course Outcome.

For example, for CO1,

Threshold is fixed and normalized as 60% of the marks * 0.6. The value 0.6 is considered by simplifying 70/130 where the student has to answer for 70 marks out of 130 marks of question paper for semester end examination. This process is adopted as all the students are considered irrespective of the students attempted the questions or not attempted the questions; in finding the number of students crossed the threshold value.

Measuring CO Attainment through Course End Survey (Indirect Assessment):

The course end survey is done for each course by collecting the students’ opinion related to course outcomes through ratings for the questionnaire provided. The questionnaire is prepared related to course outcomes to know about the abilities of the students in achieving the course outcomes. The ratings will be as follows:

3- Strong 2- Moderate 1- Low 0- Unable to perform

The average of ratings for each course outcome is calculated. This is the indirect attainment for course end survey of each course outcome.

Measuring Final CO attainment for each Course:

The Final CO wise attainment is calculated by considering the 80% of CO-wise Direct Attainment and 20% of CO-wise Indirect Attainment. The average attainment of each course outcome attainment is considered as **Final Course Attainment** for a course.

ii. **Measuring CO Attainment for Laboratory Courses:**

The CO Attainment for Laboratory Courses is calculated by 80% of Direct Assessment and 20% of Indirect Assessment. Direct Assessment is done through 30% of Internal Assessment and 70% External Assessment. Indirect Assessment is done through course end survey at the end of semester.

Procedure for calculating CO Attainment for Laboratory Courses (Direct Assessment):

The Direct Assessment of laboratory courses is done with Continuous Internal Evaluation and Semester End Examination. The continuous internal evaluation is for 30 marks and Semester end examination is for 70 marks. The continuous internal evaluation is de marketed under 20 marks of day to day evaluation and 10 marks for internal examination.

To calculate CO-wise attainment for laboratory course, the below steps are followed:

1. The day to day evaluation of each experiment of laboratory course is evaluated for 20 marks each student of the class. The internal exam is evaluated out of 10 marks and the semester end examination marks out of 70 were considered for all the students of the class after getting the semester results.
2. The average class marks for day to day evaluation of all the experiments, internal examination, semester end examination are considered as Threshold value for calculating the attainment.
3. The percentage of students above Threshold value is considered for determining the attainment level for all the experiments, internal examination and semester end examination as shown in the Table 3.2.4 given below.

Table 3.2.4 Range for defining the Course Attainment Level

Description	**Range**	**Attainment Level**
Not attained	<50	0
Weak	>=50 & <60	1
Moderate	>=60 & <70	2
Strong	>=70	3

4. The experiments are mapped across the related course outcomes and the obtained attainment level is noted for all the course outcomes that are mapped for all the experiments.
5. The obtained attainment levels for internal and semester end examinations are marked for all the course outcomes.
6. The CO wise direct attainment level is calculated as follows:

For example

CO Attainment = 20% of Average of CO attainment for day to day evaluation +

10% of CO attainment for Internal Examination +

70% of CO Attainment of Semester End Examination

The procedure for calculating indirect attainment (course end survey) is same as for Theory Courses.

The final CO Attainment is calculated with 80% of direct attainment and 20% of indirect attainment.

iii. **Measuring CO Attainment for Project Work (Phase-I & II), Mini Project, Seminar:**

The CO Attainments of Project Work (Phase-I and Phase-II), Mini project, Seminar are calculated through Direct and Indirect Assessment as done for Theory and Practical Courses. The Course attainment is calculated by 80% of Direct Attainment and 20% of Indirect Attainment. The direct attainment is calculated through student performance in internal and semester end examination by following the Rubrics designed. The Project Work Phase –I and Phase-II will have both internal and semester end evaluation. The seminar will have only internal evaluation and Mini project will have only semester end evaluation.

Assessment Procedure adopted for Continuous Internal Evaluation (CIE) by Supervisor for Project Work:

The procedure for the internal review and evaluation of project work is meticulously structured to ensure thorough scrutiny and validation at various stages.

- Formulation of the problem statement related to various applications like Industry / Domain / Societal / Research.
- Systematic review with clear expression of existing system, identification of gaps, challenges towards the proposed system.
- Detailing the project work design methodology and choice of investigation route, highlighting the novelty
- Implementation of the project objectives
- Validation of results and outcomes of the projects
- Purposeful presentations followed by project report submission and publication efforts.

Process to assess individual and Team Performance:

The project review committee and project supervisor assesses the individual and team performance by continuous reviews and semester end viva-voce examination. The assessment of students’ project work is done considering following criteria:

- Definition of Problem Statement
- Objectives & Modules
- Inferences from Literature Review, Comparisons between existing and proposed system
- Usefulness & Societal Applications / Industry and Plan of Action
- Content & Relevance, Design & Analysis
- Implementation
- Presentation, End Result

- Documentation, Paper Publications/Patents, Questionnaire.

The process of CO Attainment and rubrics used to calculate CO Attainment for Project works and seminar is explained in following Section 3.2.2 in detail using examples.

3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (65)

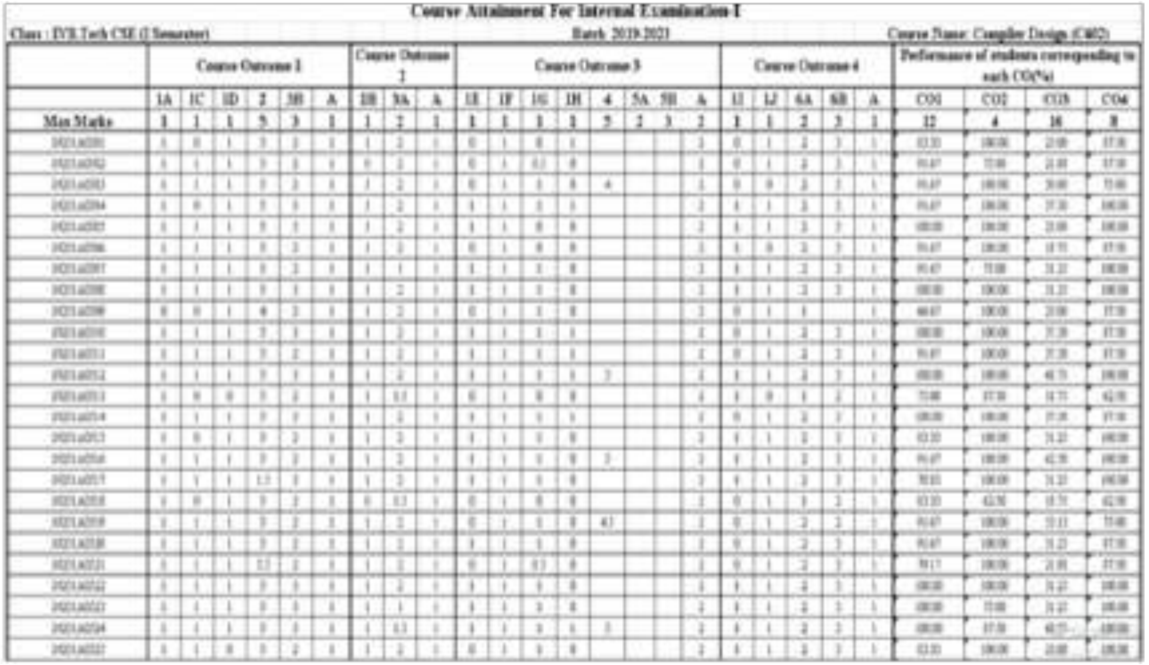
Institute Marks : 65.00

The Course Attainment for all the Theory Courses, Laboratory Courses, Seminar, Mini Project, Project Phase-I and Phase-II are calculated using the rubrics given below. For assigning the CO wise attainment level for Internal and Semester End Examinations, the range is set based on the percentage of students crossing the Threshold value fixed in Internal, Semester End Examinations for Theory courses, Practical courses, Project Work, Mini Project and Seminars as shown in the Table 3.2.5 given below:

Table 3.2.5 Range for defining the Course Attainment Level

Description	Range	Attainment Level
Not Attained	<50	0
Low	>=50 & <60	1
Moderate	>=60 & <70	2
Strong	>=70	3

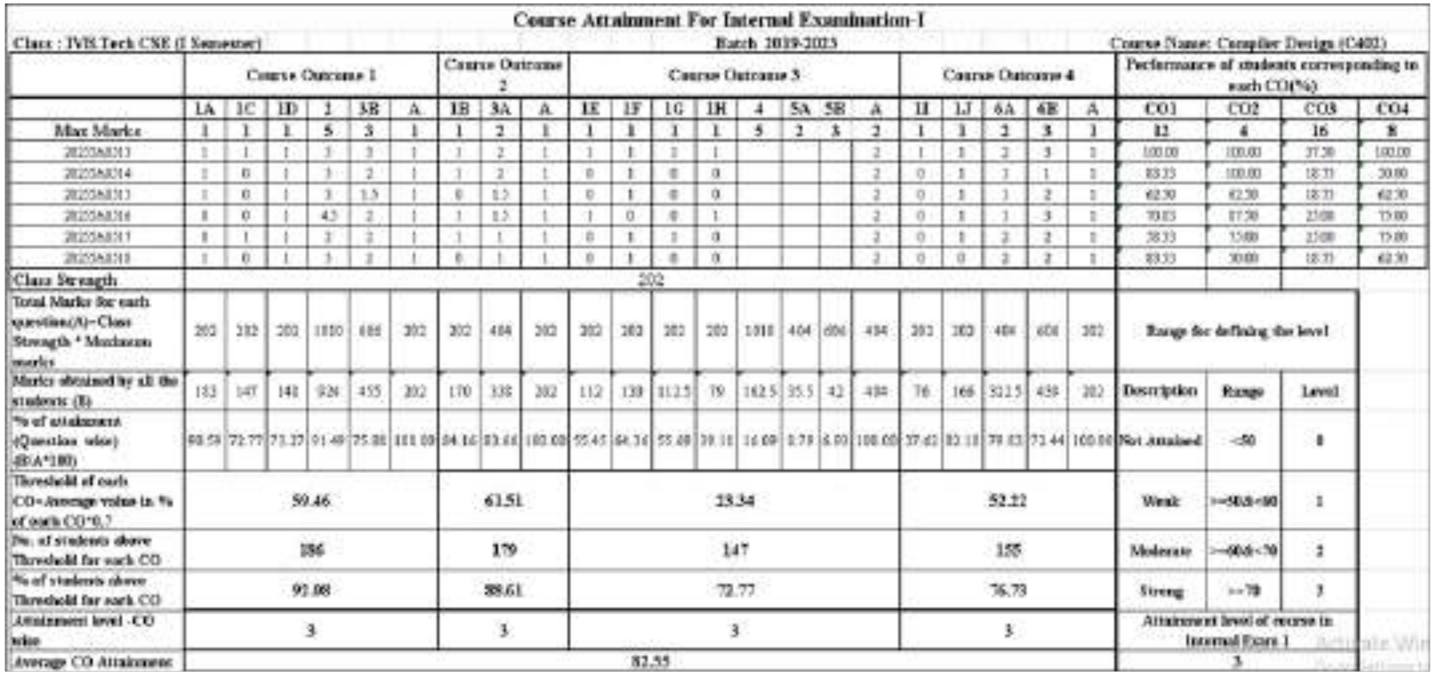
The sample copy of Course Attainment (CO-wise) for Internal Examination-1, Internal Examination-2, External Examination, Course End Survey for Compiler Design Course and the final attainment calculation is shown in Figures 3.2.2 to 3.2.7



Course Attainment For Internal Examination-I

Class : IV B.Tech CSE (I Semester) Batch 2019-2021 Course Name: Compiler Design (C402)

Figure 3.2.2 First page of Course Attainment for Compiler Design Course for Internal Exam-1



Course Attainment For Internal Examination-I

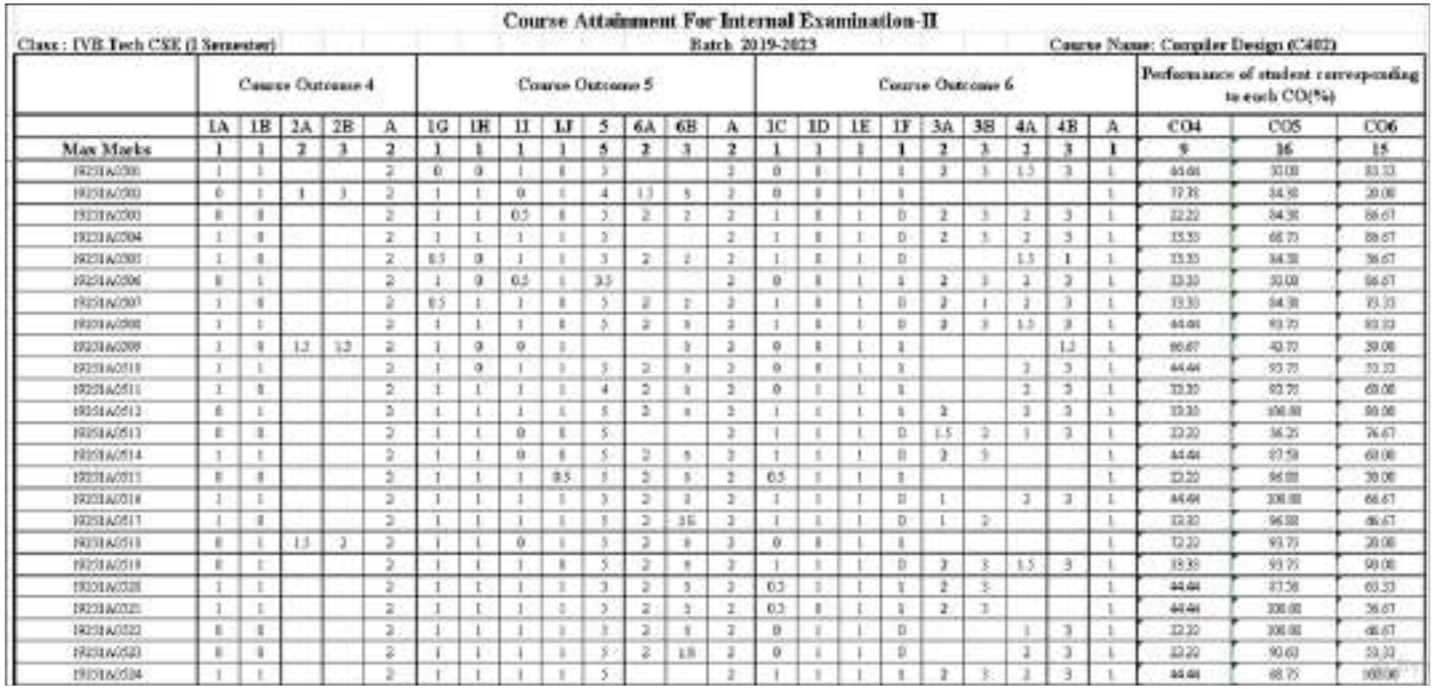
Class : IV B.Tech CSE (I Semester)

Batch 2019-2023

Course Name: Compiler Design (C402)

	Course Outcome 1						Course Outcome 2			Course Outcome 3								Course Outcome 4					Performance of students corresponding to each CO(%)			
	1A	1C	1D	2	3B	A	1B	3A	A	1E	1F	1G	1H	4	5A	5B	A	1I	1J	6A	6B	A	CO1	CO2	CO3	CO4
Max Marks	1	1	1	5	3	1	1	2	1	1	1	1	1	5	2	3	2	1	1	2	3	1	12	4	16	8
20235A0313	1	1	1	3	3	1	1	2	1	1	1	1	1				2	1	1	2	3	1	100.00	100.00	37.50	100.00
20235A0314	1	0	1	3	2	1	1	2	1	0	1	0	0				2	0	1	1	1	1	83.33	100.00	18.75	50.00
20235A0315	1	0	1	3	1.5	1	0	1.5	1	0	1	0	0				2	0	1	1	2	1	62.50	62.50	18.75	62.50
20235A0316	0	0	1	4.5	2	1	1	1.5	1	1	0	0	1				2	0	1	1	3	1	70.83	87.50	25.00	75.00
20235A0317	0	1	1	2	2	1	1	1	1	0	1	1	0				2	0	1	2	2	1	58.33	75.00	25.00	75.00
20235A0318	1	0	1	3	2	1	0	1	1	0	1	0	0				2	0	0	2	2	1	83.33	50.00	18.75	62.50
Class Strength	202																									
Total Marks for each question(A)=Class Strength * Maximum marks	202	202	202	1010	606	202	202	404	202	202	202	202	202	1010	404	606	404	202	202	404	606	202	Range for defining the level			
Marks obtained by all the students (B)	183	147	148	924	455	202	170	338	202	112	130	112.5	79	162.5	35.5	42	404	76	166	322.5	439	202	Description	Range	Level	
% of attainment (Question wise) (B/A*100)	90.59	72.77	73.27	91.49	75.08	100.00	84.16	83.66	100.00	55.45	64.36	55.69	39.11	16.09	8.79	6.93	100.00	37.62	82.18	79.83	72.44	100.00	Not Attained	<50	0	
Threshold of each CO=Average value in % of each CO*0.7	59.46						61.51			23.34								52.22					Weak	>=50&<60	1	
No. of students above Threshold for each CO	186						179			147								155					Moderate	>=60&<70	2	
% of students above Threshold for each CO	92.08						88.61			72.77								76.73					Strong	>=70	3	
Attainment level -CO wise	3						3			3								3					Attainment level of course in Internal Exam 1			
Average CO Attainment	82.55																						3			

Figure 3.2.3 Last page of Course Attainment for Compiler Design Course for Internal Exam-1

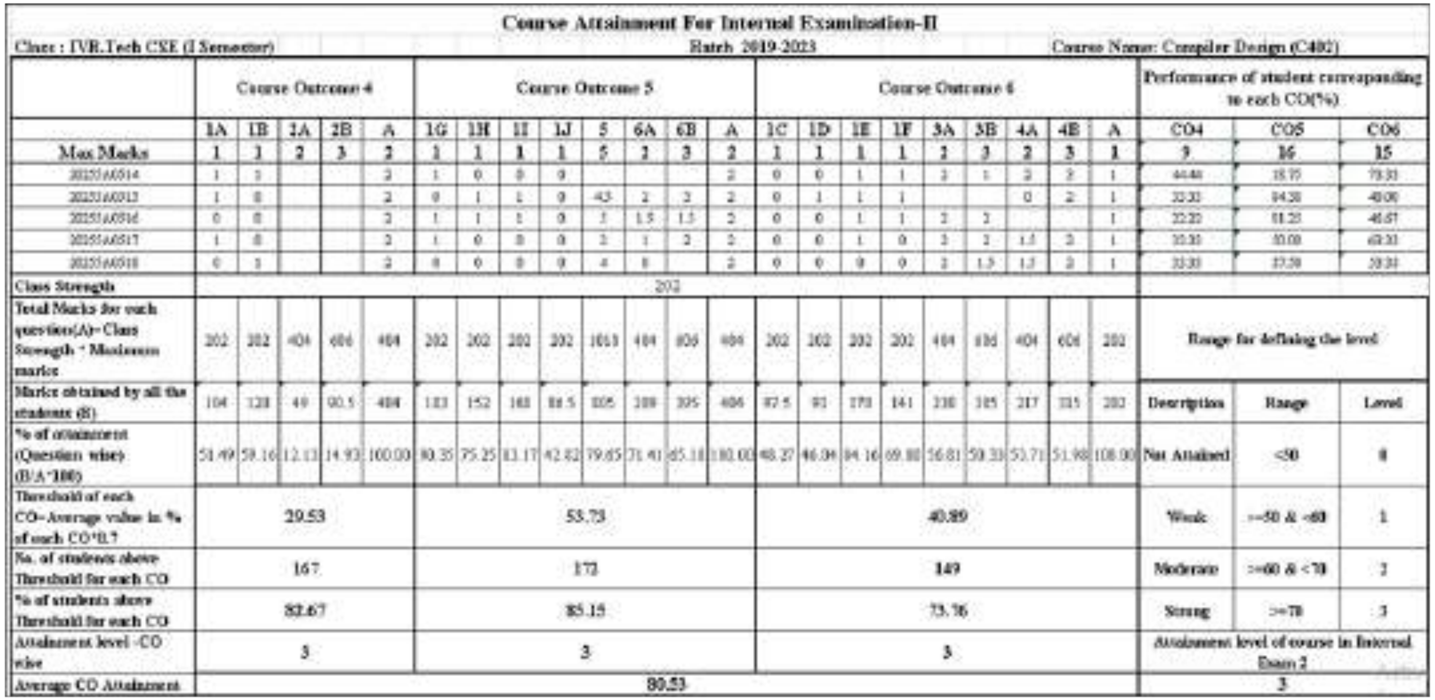


Course Attainment For Internal Examination-II

Class : IV B.Tech CSE (I Semester) Batch 2019-2023 Course Name: Compiler Design (C402)

	Course Outcome 4					Course Outcome 5								Course Outcome 6									Performance of student corresponding to each CO(%)		
	1A	1B	2A	2B	A	1G	1H	1I	1J	5	6A	6B	A	1C	1D	1E	1F	3A	3B	4A	4B	A	CO4	CO5	CO6
Max Marks	1	1	2	3	2	1	1	1	1	5	2	3	2	1	1	1	1	2	3	2	3	1	9	16	15

Figure 3.2.4 First page of Course Attainment for Compiler Design Course for Internal Exam-2

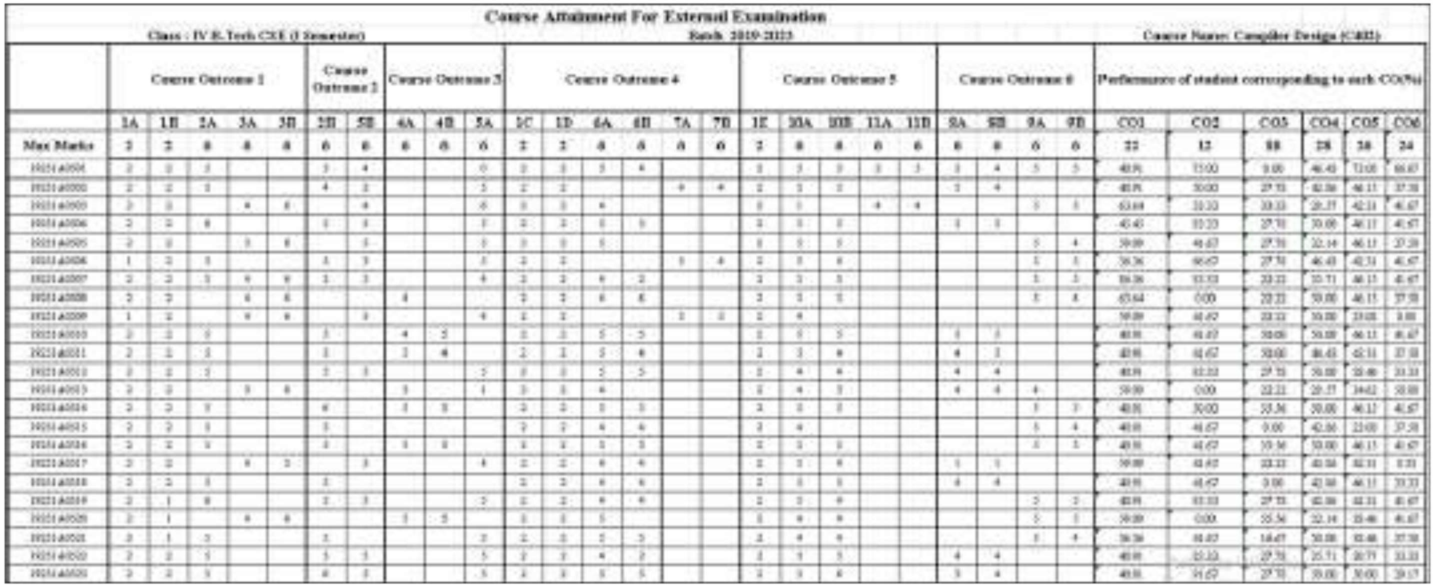


Course Attainment For Internal Examination-II

Class : IVB.Tech CSE (I Semester) Batch 2019-2023 Course Name: Compiler Design (C402)

	Course Outcome 4					Course Outcome 5								Course Outcome 6									Performance of student corresponding to each CO(%)		
	1A	1B	2A	2B	A	1G	1H	1I	1J	5	6A	6B	A	1C	1D	1E	1F	3A	3B	4A	4B	A	CO4	CO5	CO6
Max Marks	1	1	2	3	2	1	1	1	1	5	2	3	2	1	1	1	1	2	3	2	3	1	9	16	15
20255A0514	1	1			2	1	0	0	0				2	0	0	1	1	2	1	2	2	1	44.44	18.75	73.33
20255A0515	1	0			2	0	1	1	0	4.5	2	2	2	0	1	1	1			0	2	1	33.33	84.38	40.00
20255A0516	0	0			2	1	1	1	0	3	1.5	1.5	2	0	0	1	1	2	2			1	22.22	81.25	46.67
20255A0517	1	0			2	1	0	0	0	2	1	2	2	0	0	1	0	2	2	1.5	2	1	33.33	50.00	63.33
20255A0518	0	1			2	0	0	0	0	4	0		2	0	0	0	0	2	1.5	1.5	2	1	33.33	37.50	53.33
Class Strength	202																								
Total Marks for each question(A)= Class Strength * Maximum marks	202	202	404	606	404	202	202	202	202	1010	404	606	404	202	202	202	202	404	606	404	606	202	Range for defining the level		
Marks obtained by all the students (B)	104	120	49	90.5	404	183	152	168	86.5	805	289	395	406	97.5	93	170	141	230	305	217	315	202	Description	Range	Level
% of attainment (Question wise) (B/A*100)	51.49	59.16	12.13	14.93	100.00	90.35	75.25	83.17	42.82	79.65	71.41	65.18	100.00	48.27	46.04	84.16	69.80	56.81	50.33	53.71	51.98	100.00	Not Attained	<50	0
Threshold of each CO= Average value in % of each CO*0.7	29.53					53.73								40.89									Weak	>=50 & <60	1
No. of students above Threshold for each CO	167					172								149									Moderate	>=60 & <70	2
% of students above Threshold for each CO	82.67					85.15								73.76									Strong	>=70	3
Attainment level -CO wise	3					3								3									Attainment level of course in Internal Exam 2		
Average CO Attainment	80.53																						3		

Figure 3.2.5 Last page of Course Attainment for Compiler Design Course for Internal Exam-2

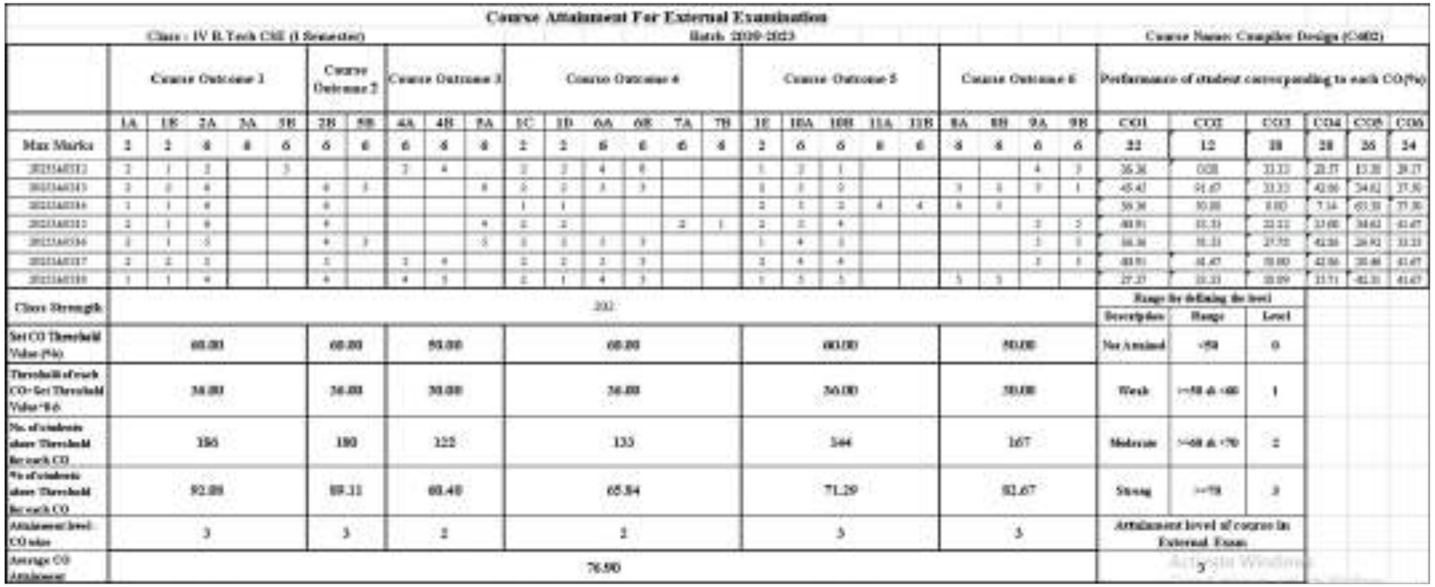


Course Attainment For External Examination

Class : IV B.Tech CSE (I Semester) Batch 2019-2023 Course Name: Compiler Design (C402)

	Course Outcome 1					Course Outcome 2		Course Outcome 3			Course Outcome 4						Course Outcome 5					Course Outcome 6				Performance of student corresponding to each CO(%)					
	1A	1B	2A	3A	3B	2B	5B	4A	4B	5A	1C	1D	6A	6B	7A	7B	1E	10A	10B	11A	11B	8A	8B	9A	9B	CO1	CO2	CO3	CO4	CO5	CO6
Max Marks	2	2	8	8	8	6	6	6	6	6	2	2	8	8	6	6	2	8	8	6	6	8	8	6	6	22	12	18	28	38	24

Figure 3.2.6 First page of Course Attainment for Compiler Design Course for External Exam



Course Attainment For External Examination

Class : IV B.Tech CSE (I Semester) Batch: 2019-2023 Course Name: Compiler Design (C402)

	Course Outcome 1	Course Outcome 2	Course Outcome 3	Course Outcome 4	Course Outcome 5	Course Outcome 6
Class Strength	202					
Set CO Threshold Value (%)	60.00	60.00	50.00	60.00	60.00	50.00
Threshold of each CO= Set Threshold Value*0.6	36.00	36.00	30.00	36.00	36.00	30.00
No. of students above Threshold for each CO	186	180	122	133	144	167
% of students above Threshold for each CO	92.08	89.11	60.40	65.84	71.29	82.67
Attainment level-CO wise	3	3	2	2	3	3
Average CO Attainment	76.90					

Range for defining the level

Description	Range	Level
Not Attained	<50	0
Weak	>=50 & <60	1
Moderate	>=60 & <70	2
Strong	>=70	3

Attainment level of course in External Exam: 3

Figure 3.2.7 Last page of Course Attainment for Compiler Design Course for External Exam

The Indirect CO-wise Attainment is calculated through the Course End Survey by collecting feedback from the students at the end of the course.

Process to calculate the Indirect Attainment through course end survey:

The students will be given a questionnaire that corresponds to the course outcomes. The ratings will be given by the students as shown in the Table 3.2.6 given below:

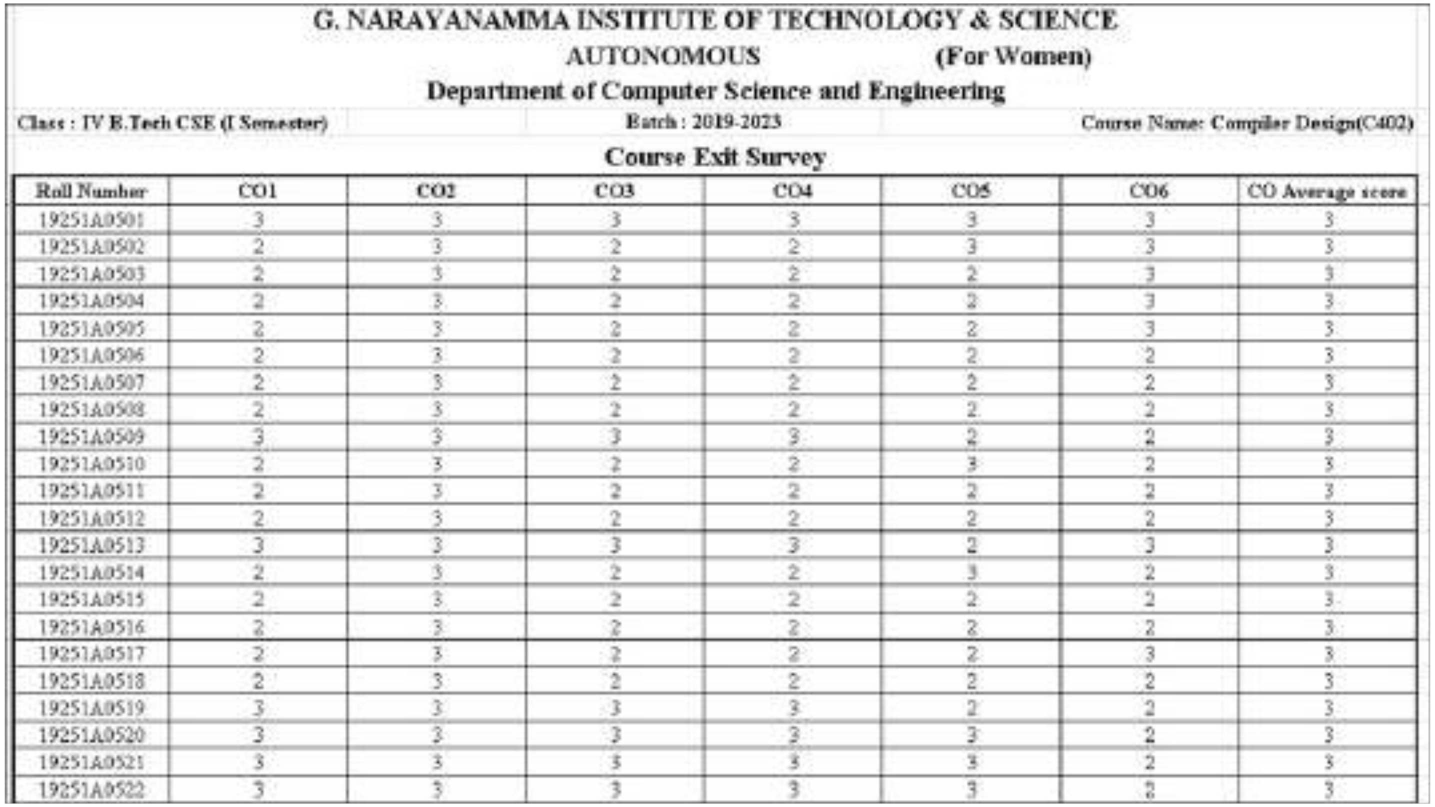
Table: 3.2.6 Ratings for Course End Survey

Assessment Criteria	Rating
Strong	3
Moderate	2
Low	1
Unable to perform	0

The following Figures 3.2.8 and 3.2.9 explains the course end survey for Compiler Design Course

Questionnaire for Course End Survey of Compiler Design Course:

1. How well are you able to understand the working model of existing compilers?
2. Rate your ability to develop tools for different phases of compiler.
3. How well can you compare top-down and bottom-up parsers for a given grammar?
4. Rate your ability to analyze and apply syntax directed translation schemes in different phases.
5. How well are you able to design techniques to improve the efficiency of a compiler?
6. Are you able to develop algorithms to generate code for target machine?



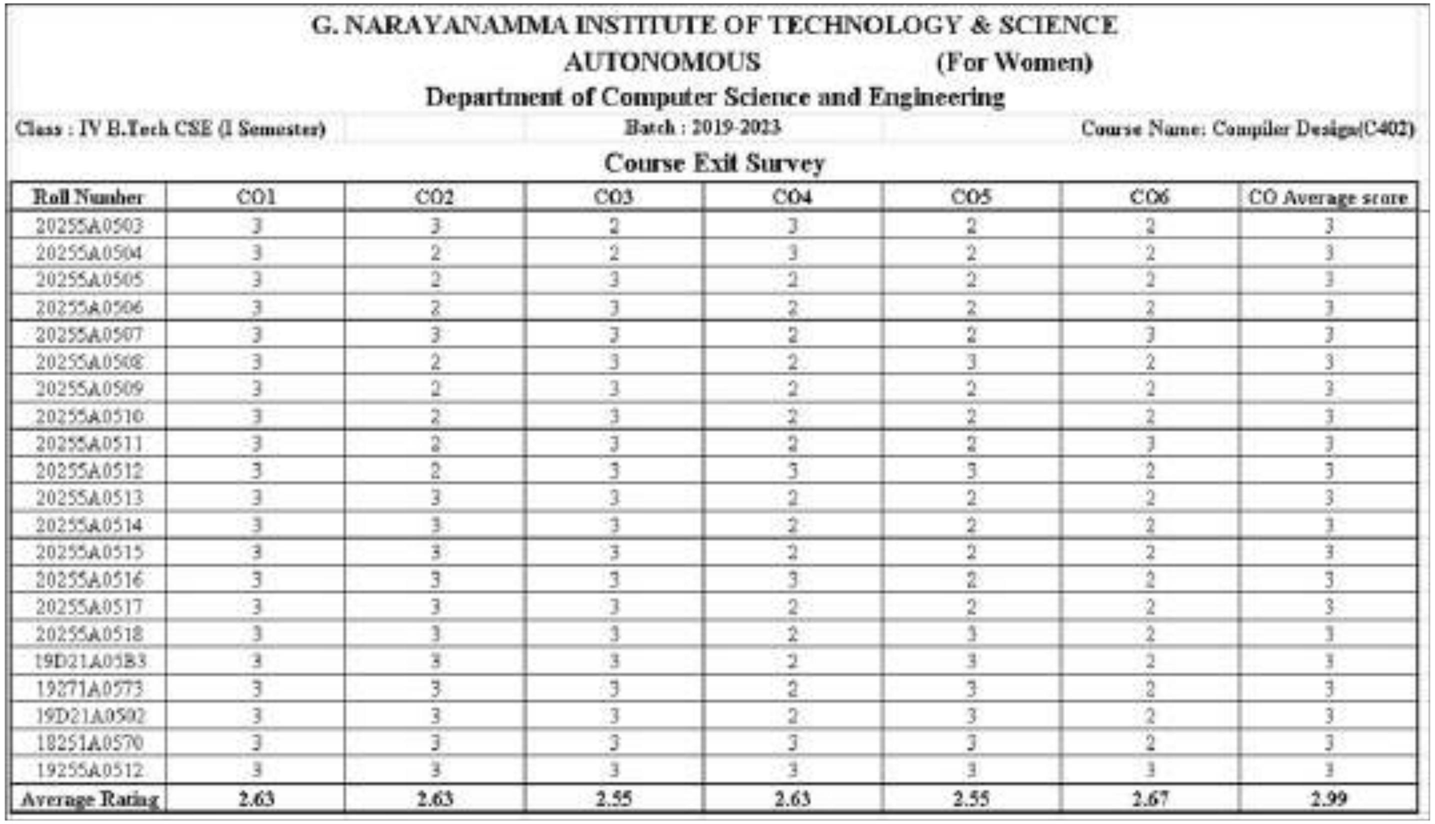
G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)
Department of Computer Science and Engineering

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Compiler Design(C402)

Course Exit Survey

Roll Number	CO1	CO2	CO3	CO4	CO5	CO6	CO Average score
19251A0501	3	3	3	3	3	3	3
19251A0502	2	3	2	2	3	3	3
19251A0503	2	3	2	2	2	3	3
19251A0504	2	3	2	2	2	3	3
19251A0505	2	3	2	2	2	3	3
19251A0506	2	3	2	2	2	2	3
19251A0507	2	3	2	2	2	2	3
19251A0508	2	3	2	2	2	2	3
19251A0509	3	3	3	3	2	2	3
19251A0510	2	3	2	2	3	2	3
19251A0511	2	3	2	2	2	2	3
19251A0512	2	3	2	2	2	2	3
19251A0513	3	3	3	3	2	3	3
19251A0514	2	3	2	2	3	2	3
19251A0515	2	3	2	2	2	2	3
19251A0516	2	3	2	2	2	2	3
19251A0517	2	3	2	2	2	3	3
19251A0518	2	3	2	2	2	2	3
19251A0519	3	3	3	3	2	2	3
19251A0520	3	3	3	3	3	2	3
19251A0521	3	3	3	3	3	2	3
19251A0522	3	3	3	3	3	2	3

Figure: 3.2.8 First page of Course End Survey for Compiler Design Course



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AUTONOMOUS (For Women)
Department of Computer Science and Engineering

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Compiler Design(C402)

Course Exit Survey

Roll Number	CO1	CO2	CO3	CO4	CO5	CO6	CO Average score
20255A0503	3	3	2	3	2	2	3
20255A0504	3	2	2	3	2	2	3
20255A0505	3	2	3	2	2	2	3
20255A0506	3	2	3	2	2	2	3
20255A0507	3	3	3	2	2	3	3
20255A0508	3	2	3	2	3	2	3
20255A0509	3	2	3	2	2	2	3
20255A0510	3	2	3	2	2	2	3
20255A0511	3	2	3	2	2	3	3
20255A0512	3	2	3	3	3	2	3
20255A0513	3	3	3	2	2	2	3
20255A0514	3	3	3	2	2	2	3
20255A0515	3	3	3	2	2	2	3
20255A0516	3	3	3	3	2	2	3
20255A0517	3	3	3	2	2	2	3
20255A0518	3	3	3	2	3	2	3
19D21A05B3	3	3	3	2	3	2	3
19271A0573	3	3	3	2	3	2	3
19D21A0502	3	3	3	2	3	2	3
18251A0570	3	3	3	3	3	2	3
19255A0512	3	3	3	3	3	3	3
Average Rating	**2.63**	**2.63**	**2.55**	**2.63**	**2.55**	**2.67**	**2.99**

Figure: 3.2.9 Last page of Course End Survey for Compiler Design Course

Final CO Attainment Calculation of a Course:

v. Final CO Attainment = Average final attainment of all COs

v. Final Attainment of each CO = 80% of Direct Attainment of each CO +

20% of Indirect Attainment of each CO

v. Direct Attainment of each CO = 30% of Internal Examination Attainment of

each CO + 70% of External Examination Attainment of each CO

Table 3.2.7 CO Attainment Calculation for Compiler Design Course

Assessment Category	**CO-wise Attainment**					
	CO1	**CO2**	**CO3**	**CO4**	**CO5**	**CO6**
Internal Examination-1	3	3	3	3		

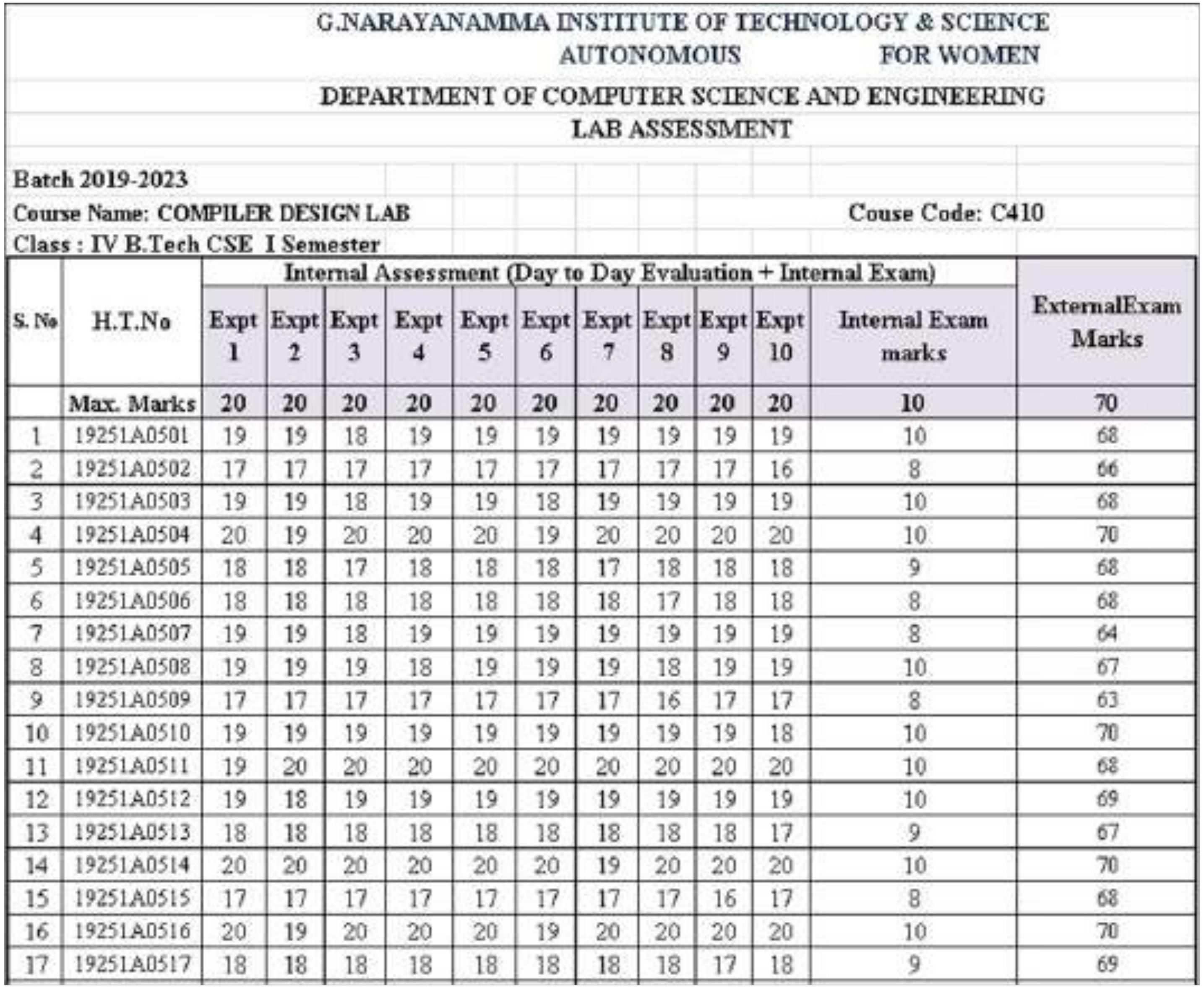
Internal Examination-2				3	3	3
Average of two internal exams	3	3	3	3	3	3
External Examination	3	3	2	2	3	3
Direct CO-wise Attainment **(30% Internal + 70% External)**	**3**	**3**	**2.3**	**2.3**	**3**	**3**
Indirect CO Attainment	**2.63**	**2.63**	**2.55**	**2.63**	**2.55**	**2.67**
Final CO-wise Attainment **(80% Direct + 20% Indirect)**	**2.93**	**2.93**	**2.35**	**2.37**	**2.91**	**2.93**
Final CO Attainment of the Course	**2.74**					

The above Table 3.2.7 shows the CO Attainment calculation for Compiler Design course through Direct and Indirect Assessment.

The sample copy of Course Attainment (CO-wise) for Compiler Design Lab is shown in Figures 3.2.10 to 3.2.13

The Course Attainment for Compiler Design Lab is calculated through Direct CO Attainment and Indirect CO Attainment.

Direct Attainment of Compiler Design Lab:



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS FOR WOMEN

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LAB ASSESSMENT

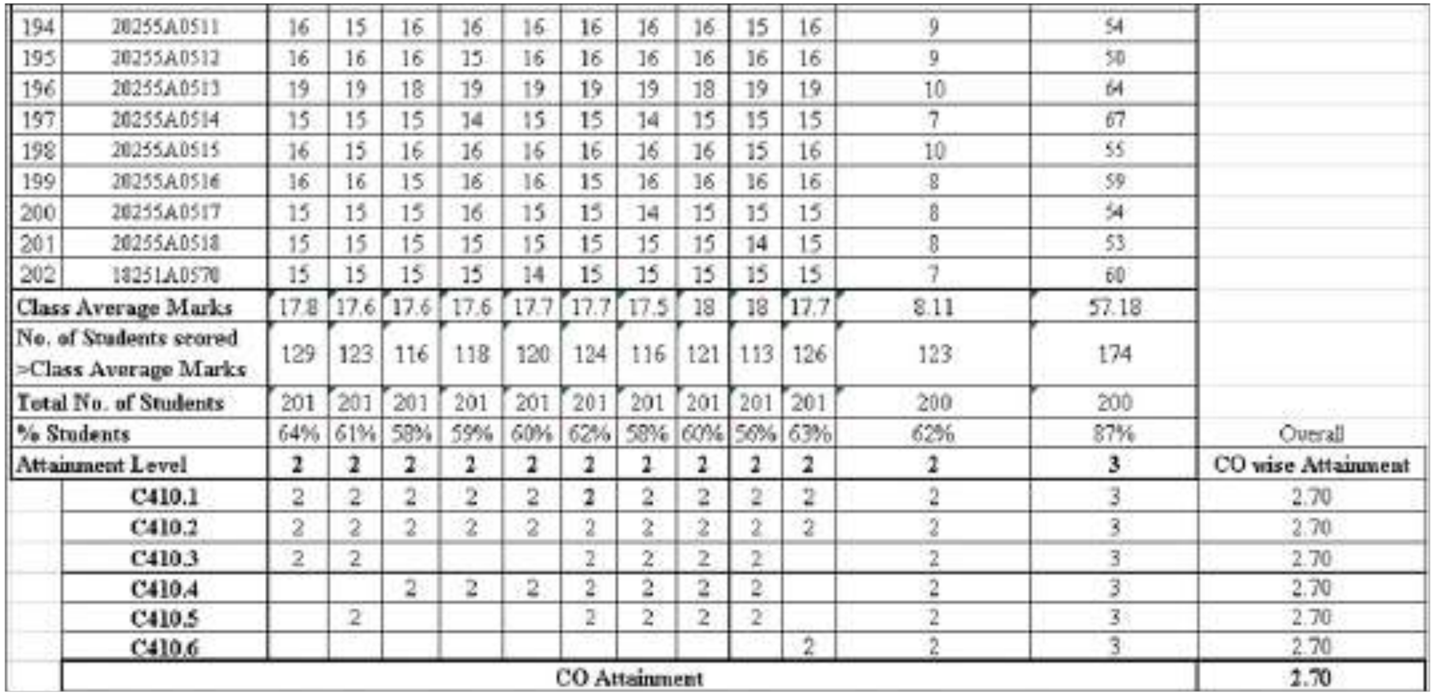
Batch 2019-2023

Course Name: COMPILER DESIGN LAB Couse Code: C410

Class : IV B.Tech CSE I Semester

S. No	H.T.No	Internal Assessment (Day to Day Evaluation + Internal Exam)											ExternalExam Marks
		Expt 1	Expt 2	Expt 3	Expt 4	Expt 5	Expt 6	Expt 7	Expt 8	Expt 9	Expt 10	Internal Exam marks	
	Max. Marks	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**10**	**70**
1	19251A0501	19	19	18	19	19	19	19	19	19	19	10	68
2	19251A0502	17	17	17	17	17	17	17	17	17	16	8	66
3	19251A0503	19	19	18	19	19	18	19	19	19	19	10	68
4	19251A0504	20	19	20	20	20	19	20	20	20	20	10	70
5	19251A0505	18	18	17	18	18	18	17	18	18	18	9	68
6	19251A0506	18	18	18	18	18	18	18	17	18	18	8	68
7	19251A0507	19	19	18	19	19	19	19	19	19	19	8	64
8	19251A0508	19	19	19	18	19	19	19	18	19	19	10	67
9	19251A0509	17	17	17	17	17	17	17	16	17	17	8	63
10	19251A0510	19	19	19	19	19	19	19	19	19	18	10	70
11	19251A0511	19	20	20	20	20	20	20	20	20	20	10	68
12	19251A0512	19	18	19	19	19	19	19	19	19	19	10	69
13	19251A0513	18	18	18	18	18	18	18	18	18	17	9	67
14	19251A0514	20	20	20	20	20	20	19	20	20	20	10	70
15	19251A0515	17	17	17	17	17	17	17	17	16	17	8	68
16	19251A0516	20	19	20	20	20	19	20	20	20	20	10	70
17	19251A0517	18	18	18	18	18	18	18	18	17	18	9	69

Figure: 3.2.10 First page of Course Attainment for Compiler Design Lab



194	20255A0511	16	15	16	16	16	16	16	16	15	16	9	54	
195	20255A0512	16	16	16	15	16	16	16	16	16	16	9	50	
196	20255A0513	19	19	18	19	19	19	19	18	19	19	10	64	
197	20255A0514	15	15	15	14	15	15	14	15	15	15	7	67	
198	20255A0515	16	15	16	16	16	16	16	16	15	16	10	55	
199	20255A0516	16	16	15	16	16	15	16	16	16	16	8	59	
200	20255A0517	15	15	15	16	15	15	14	15	15	15	8	54	
201	20255A0518	15	15	15	15	15	15	15	15	14	15	8	53	
202	18251A0570	15	15	15	15	14	15	15	15	15	15	7	60	
Class Average Marks		17.8	17.6	17.6	17.6	17.7	17.7	17.5	18	18	17.7	8.11	57.18	
No. of Students scored >Class Average Marks		129	123	116	118	120	124	116	121	113	126	123	174	
Total No. of Students		201	201	201	201	201	201	201	201	201	201	200	200	
% Students		64%	61%	58%	59%	60%	62%	58%	60%	56%	63%	62%	87%	Overall
Attainment Level		**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**3**	**CO wise Attainment**
	C410.1	2	2	2	2	2	2	2	2	2	2	2	3	2.70
	C410.2	2	2	2	2	2	2	2	2	2	2	2	3	2.70
	C410.3	2	2				2	2	2	2		2	3	2.70
	C410.4			2	2	2	2	2	2	2		2	3	2.70
	C410.5		2				2	2	2	2		2	3	2.70
	C410.6										2	2	3	2.70
	CO Attainment													**2.70**

Figure: 3.2.11 Last page of Direct Course Attainment for Compiler Design Lab

The assessment of Lab is done using the Rubrics given in the Table-3.2.8.

Table 3.2.8 Rubrics for Lab Assessment

Description	Range	Attainment Level
Not Attained	<50	0
Low	>=50 & <60	1
Moderate	>=60 & <70	2
Strong	>=70	3

Average CO1 attainment for Experiments – 2

CO1 Attainment for Internal Examination-2

CO1 Attainment for External Examination-3

CO1 Overall Attainment = 2*0.2 + 2*0.1 + 3*0.7 = 2.7

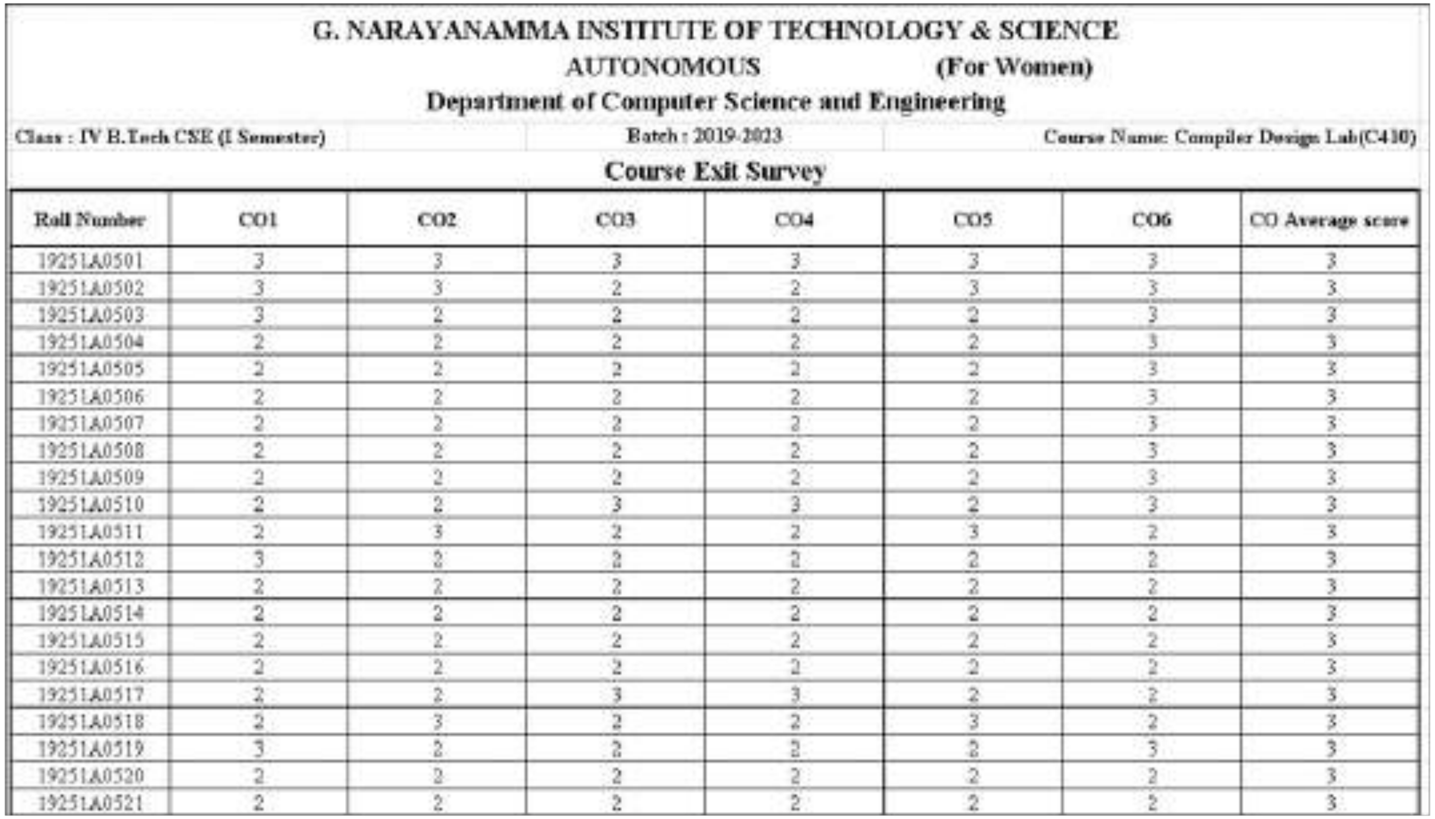
(20% of Experiments + 10% of Internal Exam + 70% of External Exam)

In a similar way all other Direct CO attainments were calculated.

Indirect CO Attainment for Compiler Design Lab:

Questionnaire for Course End Survey of Compiler Design Lab:

1. How well are you able to understand the design features of a compiler for the given language?
2. Rate your ability to implement various phases of a compiler.
3. How well can you develop the lexical analyzer for a given grammar specification?
4. Rate your ability to design top-down and bottom-up parsers for a given parser specification.
5. How well are you able to use LEX and YACC tools in generating powerful compilers?
6. Are you able to develop algorithms to generate code for a target machine?



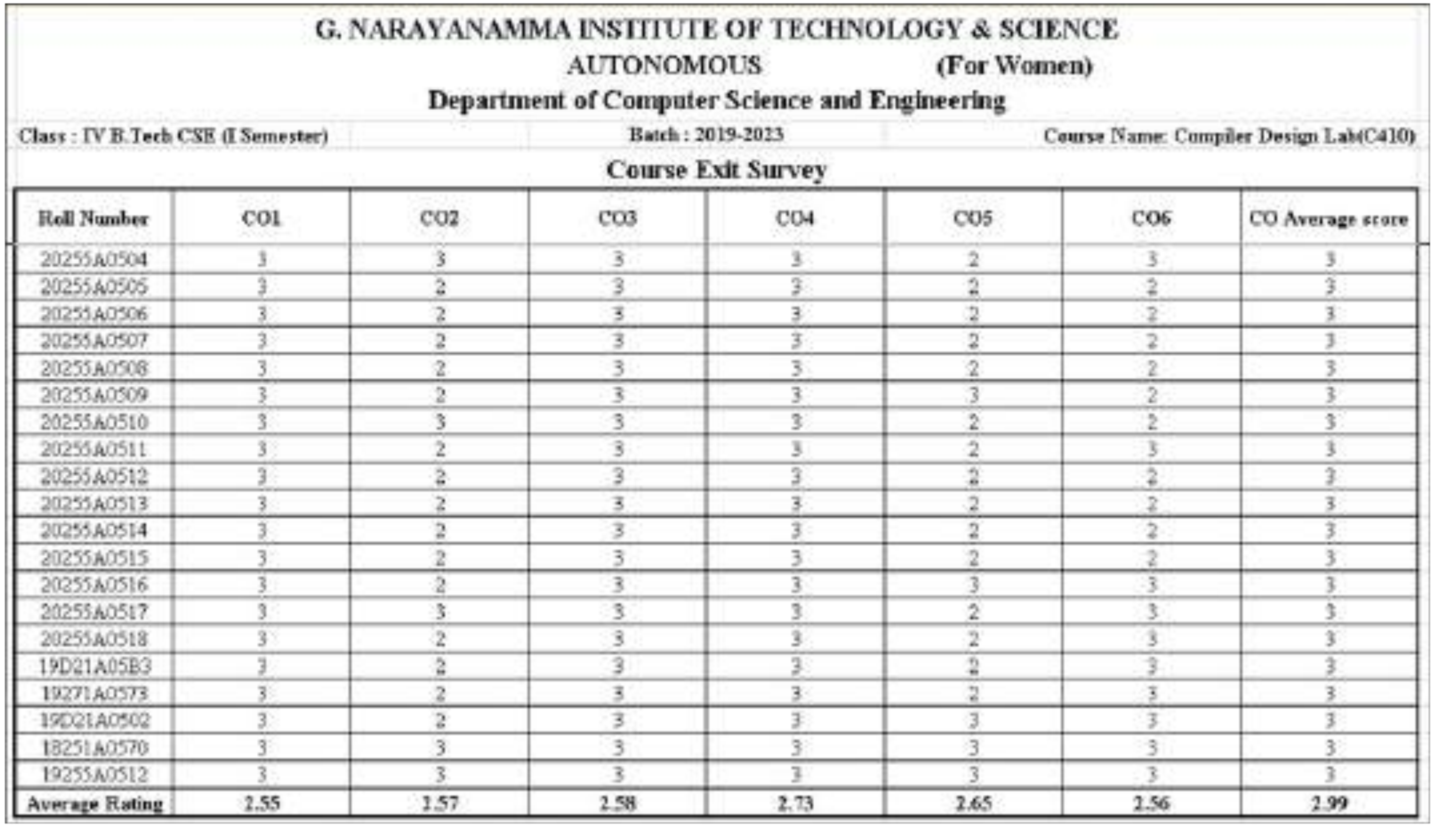
G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)
Department of Computer Science and Engineering

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Compiler Design Lab(C410)

Course Exit Survey

Roll Number	CO1	CO2	CO3	CO4	CO5	CO6	CO Average score
19251A0501	3	3	3	3	3	3	3
19251A0502	3	3	2	2	3	3	3
19251A0503	3	2	2	2	2	3	3
19251A0504	2	2	2	2	2	3	3
19251A0505	2	2	2	2	2	3	3
19251A0506	2	2	2	2	2	3	3
19251A0507	2	2	2	2	2	3	3
19251A0508	2	2	2	2	2	3	3
19251A0509	2	2	2	2	2	3	3
19251A0510	2	2	3	3	2	3	3
19251A0511	2	3	2	2	3	2	3
19251A0512	3	2	2	2	2	2	3
19251A0513	2	2	2	2	2	2	3
19251A0514	2	2	2	2	2	2	3
19251A0515	2	2	2	2	2	2	3
19251A0516	2	2	2	2	2	2	3
19251A0517	2	2	3	3	2	2	3
19251A0518	2	3	2	2	3	2	3
19251A0519	3	2	2	2	2	3	3
19251A0520	2	2	2	2	2	2	3
19251A0521	2	2	2	2	2	2	3

Figure: 3.2.12 First page of Indirect Course Attainment for Compiler Design Lab



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Department of Computer Science and Engineering

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Compiler Design Lab(C410)

Course Exit Survey

Roll Number	CO1	CO2	CO3	CO4	CO5	CO6	CO Average score
20255A0504	3	3	3	3	2	3	3
20255A0505	3	2	3	3	2	2	3
20255A0506	3	2	3	3	2	2	3
20255A0507	3	2	3	3	2	2	3
20255A0508	3	2	3	3	2	2	3
20255A0509	3	2	3	3	3	2	3
20255A0510	3	3	3	3	2	2	3
20255A0511	3	2	3	3	2	3	3
20255A0512	3	2	3	3	2	2	3
20255A0513	3	2	3	3	2	2	3
20255A0514	3	2	3	3	2	2	3
20255A0515	3	2	3	3	2	2	3
20255A0516	3	2	3	3	3	3	3
20255A0517	3	3	3	3	2	3	3
20255A0518	3	2	3	3	2	3	3
19D21A05B3	3	2	3	3	2	3	3
19271A0573	3	2	3	3	2	3	3
19D21A0502	3	2	3	3	3	3	3
18251A0570	3	3	3	3	3	3	3
19255A0512	3	3	3	3	3	3	3
Average Rating	**2.55**	**1.57**	**2.58**	**2.73**	**2.65**	**2.56**	**2.99**

Figure: 3.2.13 Last page of Indirect Course Attainment for Compiler Design Lab

Table 3.2.9: Final CO Attainment for Compiler Design Lab

CO	CO wise Attainment (Direct)	CO wise Attainment (In-Direct)	Final CO-wise Attainment (80% of Direct + 20% of Indirect)
CO1	2.7	2.55	2.67
CO2	2.7	2.57	2.67
CO3	2.7	2.58	2.68
CO4	2.7	2.73	2.71
CO5	2.7	2.65	2.69
CO6	2.7	2.56	2.67

Final CO Attainment	**2.68**

The above Table 3.2.9 shows the CO Attainment calculation for Compiler Design Lab through Direct and Indirect Assessment.

Project Work

v. The assessment of project work is done using the Rubrics given in the Table-3.2.10, Table 3.2.11.
v. The average of all the marks across each criteria given in the Figure 3.2.14 and 3.2.15 (for example) is calculated.
v. The percentage of students scoring above the average marks is calculated.
v. As per the rubrics, whether this percentage falls under Excellent (10) or Good (8) or Fair (5) or Unsatisfactory (0) is noted down and points will be allotted for each criteria as per the Table-3.2.11.
vi. The average points of all the criteria are calculated.
v. The attainment level is calculated based on the average value of the rubrics as given in the Table-3.2.12.

Table 3.2.10 Assessment Criteria for Project Phase-I

Assessment Criteria	**CO Mapping**	**Excellent**	**Good**	**Satisfactory**	**Unsatisfactory**	**PO's & PSO's Mapping**
Requirements analysis	CO1	Accurate gathering of requirements from all stakeholders and performing requirements elicitation	Moderate gathering of requirements from all stakeholders and performing requirements elicitation.	Poor gathering of requirements from all stakeholders and performing requirements elicitation	Inappropriate gathering of requirements	PO1,PO2,PO3,PO4,PO6, PO8,PO9,PO10,PO11, PO12, PSO1,PSO2
Literature survey	CO2	Gathering accurate information about existing system and tools	Gathering moderate information about existing system and tools	Gathering poor information about existing system and tools	Gathering inappropriate information about existing system and tools	PO1,PO2,PO3,PO4,PO8, PO9,PO10,PO11,PO12, PSO1,PSO2

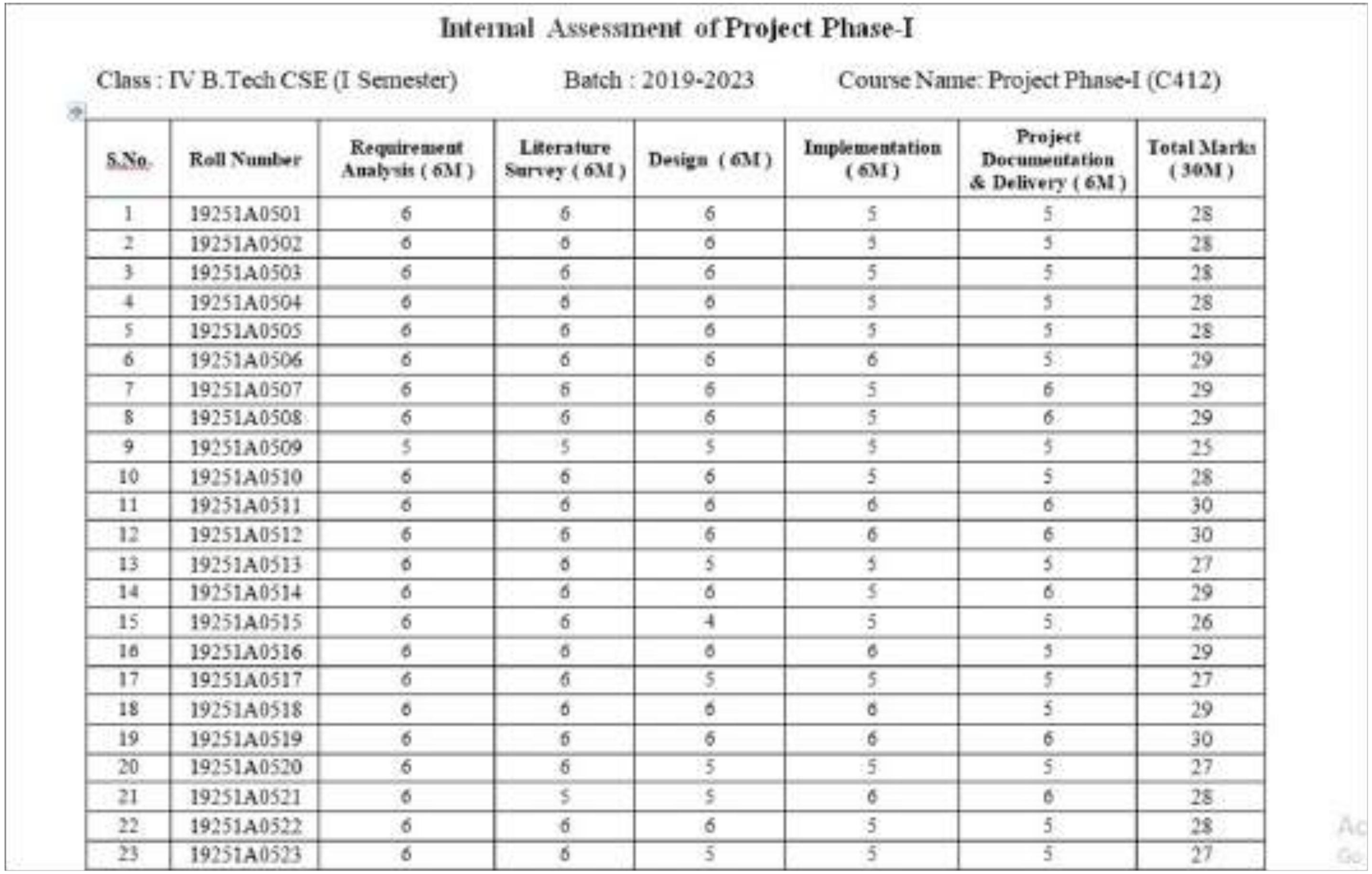
Design	CO3,CO4	Developing an accurate design model which meets both functional and nonfunctional requirements and should also meet standard design parameters (FURPS)	Developing a moderate design model which meets both functional and nonfunctional requirements and should also meet standard design parameters (FURPS)	Developing a poor design model which meets both functional and nonfunctional requirements and should also meet standard design parameters (FURPS)	Developing an inappropriate design model which meets both functional and nonfunctional requirements and should also meet standard design parameters (FURPS).	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO9,PO10, PO11,PO12, PSO1,PSO2
Implementation	CO2, CO3,CO5,CO6	Verifying the accuracy of results of the implementation with proper testing scenarios.	Verifying the accuracy of results of the implementation with moderate testing scenarios.	Verifying the accuracy of results of the implementation with poor testing scenarios.	Verifying the accuracy of results of the implementation with inappropriate testing scenarios.	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO9,PO10, PO11,PO12, PSO1,PSO2
Project documentation & Delivery	CO5, CO6	Effective presentation and report submitted as per the university prescribed format.	Moderate presentation and report submitted as per the university prescribed format.	Poor presentation and report submitted as per the university prescribed format.	Inappropriate presentation and report submission.	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO9,PO10, PO11,PO12, PSO1,PSO2

Table 3.2.11: Rubrics for Project Work Assessment

Assessment Criteria	Excellent (10)	Good (8)	Fair (5)	Unsatisfactory(0)
Requirements analysis	>75%	>65% & 75<%	>60% % <65%	<60%
Literature survey	>75%	>65% & 75<%	>60% % <65%	<60%
Design	>70%	>60% & <70%	>50% % <60%	<50%
Implementation	>70%	>60% & <70%	>50% % <60%	<50%
Project documentation & Delivery	>80%	>70% & <80%	>60% % <70%	<60%

Table- 3.2.12: Range for determining the attainment of Project Work

Criteria Average Range	Attainment Level
1 – 3	0
4 – 5	1
6 – 7	2
8 – 10	3

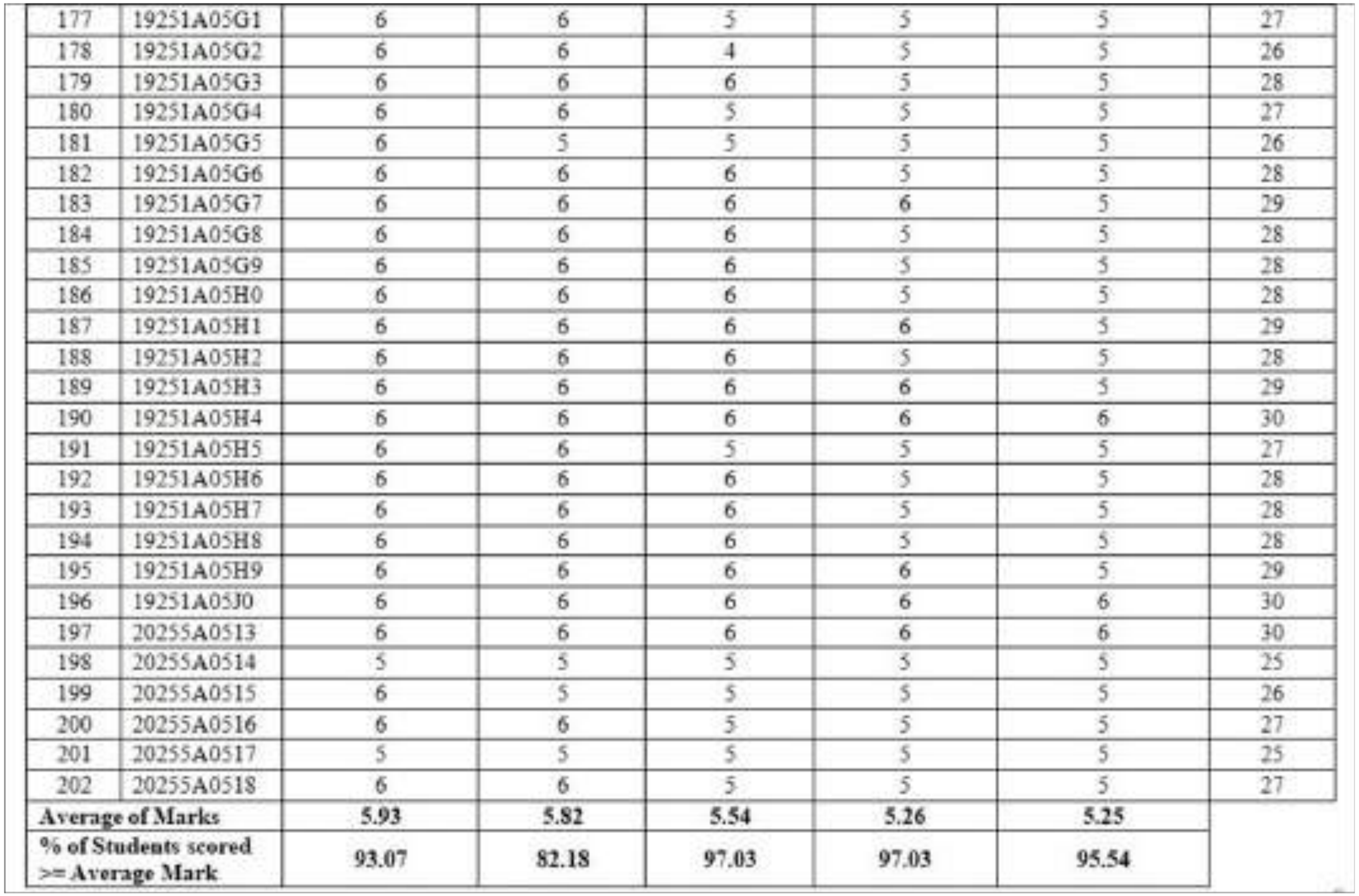


Internal Assessment of Project Phase-I

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Project Phase-I (C412)

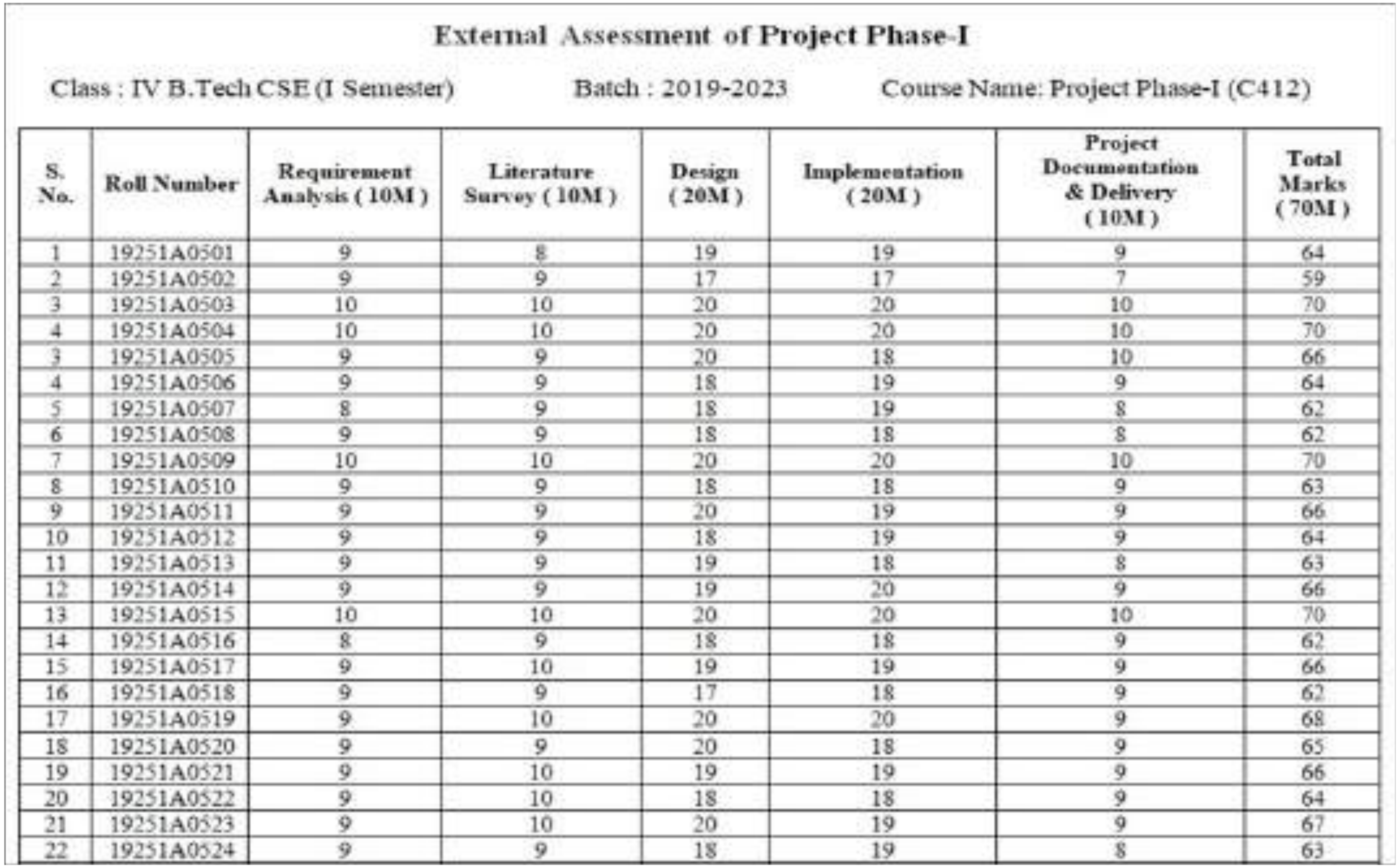
S.No.	Roll Number	Requirement Analysis (6M)	Literature Survey (6M)	Design (6M)	Implementation (6M)	Project Documentation & Delivery (6M)	Total Marks (30M)
1	19251A0501	6	6	6	5	5	28
2	19251A0502	6	6	6	5	5	28
3	19251A0503	6	6	6	5	5	28
4	19251A0504	6	6	6	5	5	28
5	19251A0505	6	6	6	5	5	28
6	19251A0506	6	6	6	6	5	29
7	19251A0507	6	6	6	5	6	29
8	19251A0508	6	6	6	5	6	29
9	19251A0509	5	5	5	5	5	25
10	19251A0510	6	6	6	5	5	28
11	19251A0511	6	6	6	6	6	30
12	19251A0512	6	6	6	6	6	30
13	19251A0513	6	6	5	5	5	27
14	19251A0514	6	6	6	5	6	29
15	19251A0515	6	6	4	5	5	26
16	19251A0516	6	6	6	6	5	29
17	19251A0517	6	6	5	5	5	27
18	19251A0518	6	6	6	6	5	29
19	19251A0519	6	6	6	6	6	30
20	19251A0520	6	6	5	5	5	27
21	19251A0521	6	5	5	6	6	28
22	19251A0522	6	6	6	5	5	28
23	19251A0523	6	6	5	5	5	27

Figure 3.2.14 First page of Project Work Internal Assessment



177	19251A05G1	6	6	5	5	5	27
178	19251A05G2	6	6	4	5	5	26
179	19251A05G3	6	6	6	5	5	28
180	19251A05G4	6	6	5	5	5	27
181	19251A05G5	6	5	5	5	5	26
182	19251A05G6	6	6	6	5	5	28
183	19251A05G7	6	6	6	6	5	29
184	19251A05G8	6	6	6	5	5	28
185	19251A05G9	6	6	6	5	5	28
186	19251A05H0	6	6	6	5	5	28
187	19251A05H1	6	6	6	6	5	29
188	19251A05H2	6	6	6	5	5	28
189	19251A05H3	6	6	6	6	5	29
190	19251A05H4	6	6	6	6	6	30
191	19251A05H5	6	6	5	5	5	27
192	19251A05H6	6	6	6	5	5	28
193	19251A05H7	6	6	6	5	5	28
194	19251A05H8	6	6	6	5	5	28
195	19251A05H9	6	6	6	6	5	29
196	19251A05J0	6	6	6	6	6	30
197	20255A0513	6	6	6	6	6	30
198	20255A0514	5	5	5	5	5	25
199	20255A0515	6	5	5	5	5	26
200	20255A0516	6	6	5	5	5	27
201	20255A0517	5	5	5	5	5	25
202	20255A0518	6	6	5	5	5	27
Average of Marks		**5.93**	**5.82**	**5.54**	**5.26**	**5.25**	
% of Students scored >= Average Mark		**93.07**	**82.18**	**97.03**	**97.03**	**95.54**	

Figure 3.2.15 Last page of Project Work Internal Assessment

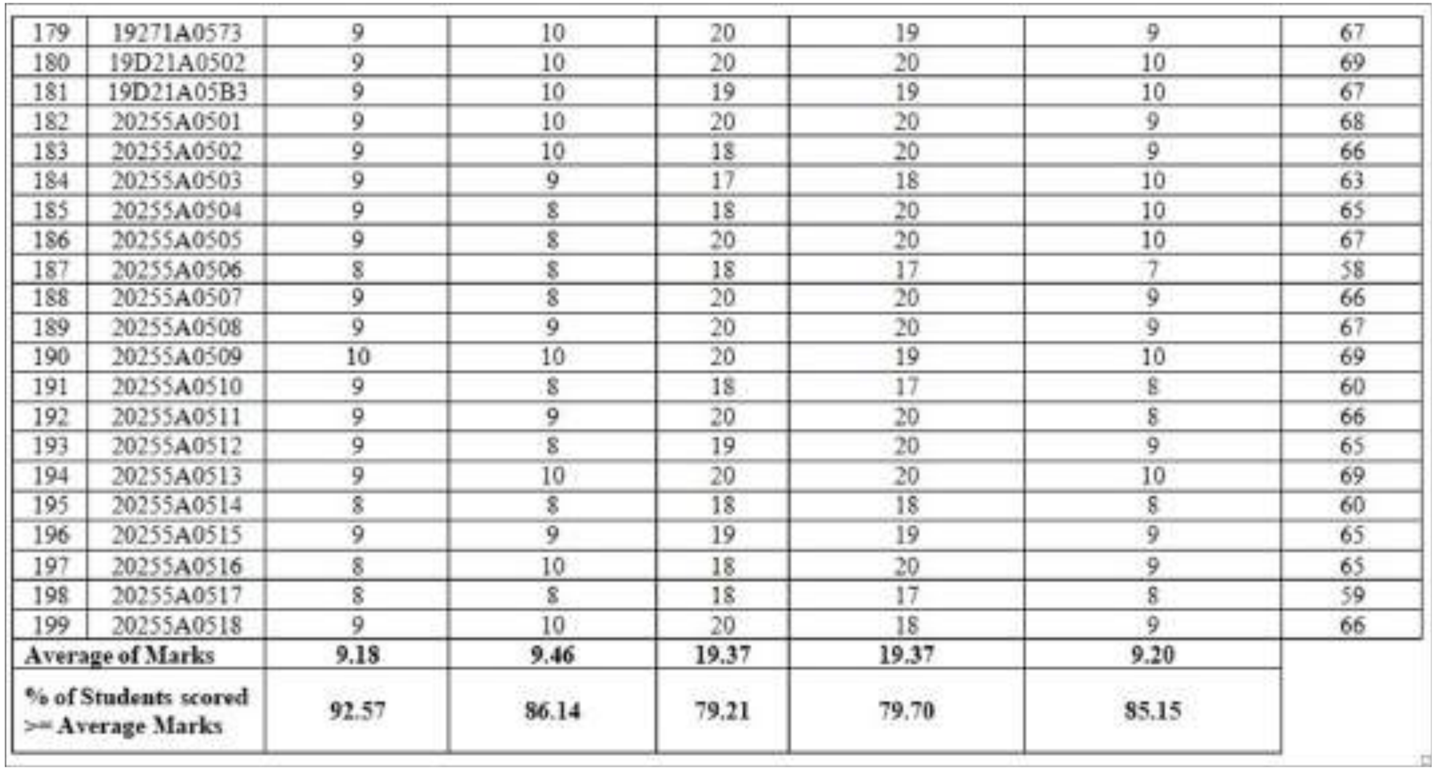


External Assessment of Project Phase-I

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name: Project Phase-I (C412)

S. No.	Roll Number	Requirement Analysis (10M)	Literature Survey (10M)	Design (20M)	Implementation (20M)	Project Documentation & Delivery (10M)	Total Marks (70M)
1	19251A0501	9	8	19	19	9	64
2	19251A0502	9	9	17	17	7	59
3	19251A0503	10	10	20	20	10	70
4	19251A0504	10	10	20	20	10	70
3	19251A0505	9	9	20	18	10	66
4	19251A0506	9	9	18	19	9	64
5	19251A0507	8	9	18	19	8	62
6	19251A0508	9	9	18	18	8	62
7	19251A0509	10	10	20	20	10	70
8	19251A0510	9	9	18	18	9	63
9	19251A0511	9	9	20	19	9	66
10	19251A0512	9	9	18	19	9	64
11	19251A0513	9	9	19	18	8	63
12	19251A0514	9	9	19	20	9	66
13	19251A0515	10	10	20	20	10	70
14	19251A0516	8	9	18	18	9	62
15	19251A0517	9	10	19	19	9	66
16	19251A0518	9	9	17	18	9	62
17	19251A0519	9	10	20	20	9	68
18	19251A0520	9	9	20	18	9	65
19	19251A0521	9	10	19	19	9	66
20	19251A0522	9	10	18	18	9	64
21	19251A0523	9	10	20	19	9	67
22	19251A0524	9	9	18	19	8	63

Figure 3.2.16 First page of Project Work External Assessment



179	19271A0573	9	10	20	19	9	67
180	19D21A0502	9	10	20	20	10	69
181	19D21A05B3	9	10	19	19	10	67
182	20255A0501	9	10	20	20	9	68
183	20255A0502	9	10	18	20	9	66
184	20255A0503	9	9	17	18	10	63
185	20255A0504	9	8	18	20	10	65
186	20255A0505	9	8	20	20	10	67
187	20255A0506	8	8	18	17	7	58
188	20255A0507	9	8	20	20	9	66
189	20255A0508	9	9	20	20	9	67
190	20255A0509	10	10	20	19	10	69
191	20255A0510	9	8	18	17	8	60
192	20255A0511	9	9	20	20	8	66
193	20255A0512	9	8	19	20	9	65
194	20255A0513	9	10	20	20	10	69
195	20255A0514	8	8	18	18	8	60
196	20255A0515	9	9	19	19	9	65
197	20255A0516	8	10	18	20	9	65
198	20255A0517	8	8	18	17	8	59
199	20255A0518	9	10	20	18	9	66
Average of Marks		**9.18**	**9.46**	**19.37**	**19.37**	**9.20**	
% of Students scored >= Average Marks		**92.57**	**86.14**	**79.21**	**79.70**	**85.15**	

Figure 3.2.17 Last page of Project Work External Assessment

Table 3.2.13 Points obtained for Project Phase-I Internal Assessment

Assessment Criteria/ Academic Year	**Requirements analysis**	**Literature survey**	**Design**	**Implementation**	**Project documentation & Delivery**
2022-2023	10	10	10	10	10

The Project Phase –I CO Internal Attainment: **10** (Average of all Criteria i.e.(10+10+10+10+10) / 5)

So, The Project Work Phase-I Internal Course Attainment (Direct) is **3**.

Table 3.2.14 Points obtained for Project Phase-I External Assessment

Assessment Criteria/ Academic Year	**Requirements analysis**	**Literature survey**	**Design**	**Implementation**	**Project documentation & Delivery**
2022-2023	10	10	10	10	10

The tables 3.2.13 and 3.2.14 shows the points obtained for Project Phase-I internal and external assessment respectively.

The Project Phase –I CO External Attainment: **10** (Average of all Criteria i.e. (10+10+10+10+10) / 5)

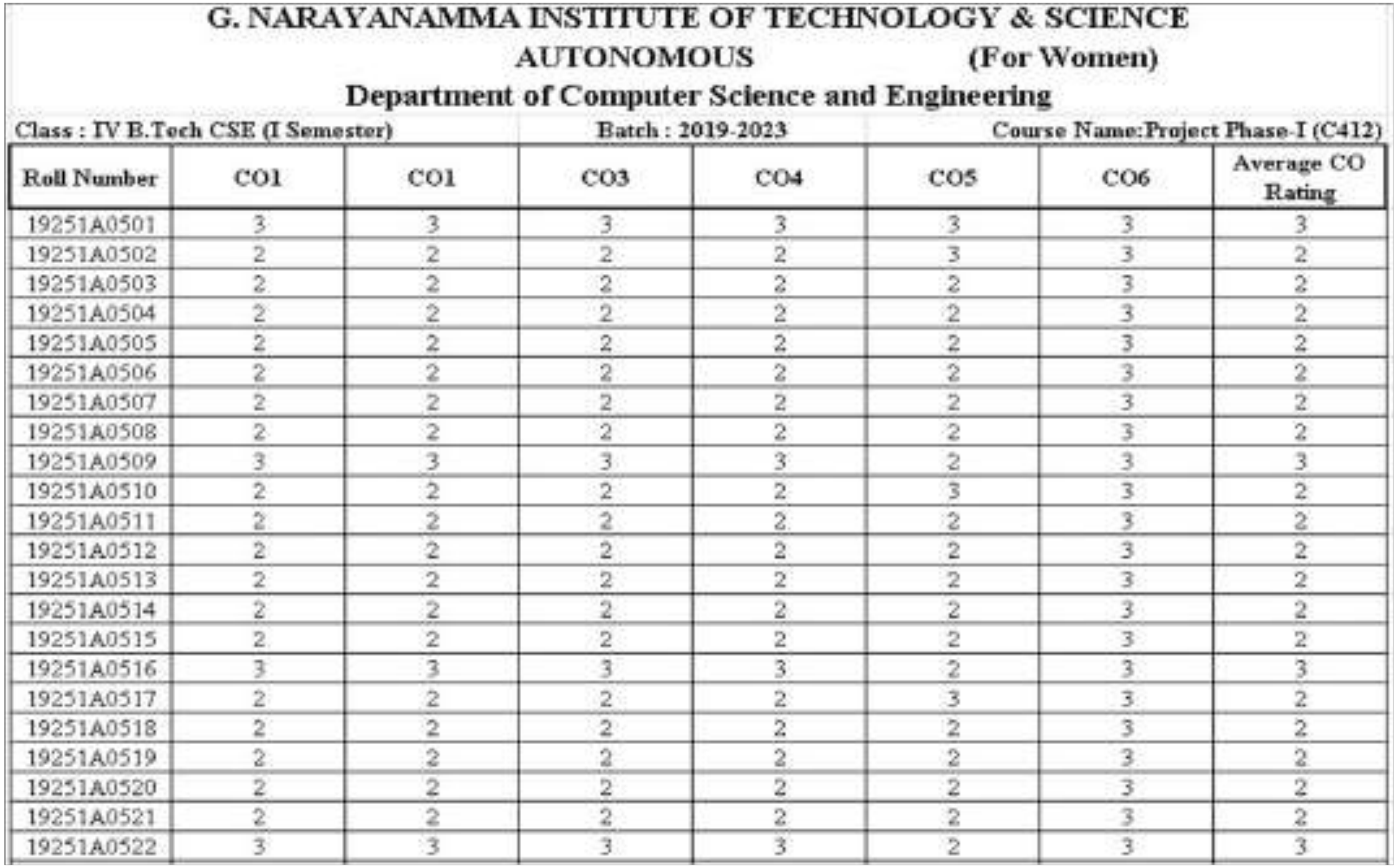
So, the Project Work Phase-I External Course Attainment (Direct) is **3**.

Course end survey questions:

Project Phase-I:

1. Are you able to synthesize the problems and frame a problem statement based on the research or societal needs in the area of interest?
2. How well you have gained knowledge of existing system necessary for proposed work.
3. Rate your ability to modularize and integrate the modules of the project
4. Are you able to develop solutions for contemporary problems using modern engineering tools for sustainable development?
5. Rate your ability to demonstrate ethical and professional sustainability while working in a team and communicate effectively for the benefit of the society
6. Are you able to understand and document the engineering, finance and management principles for the selected project work?

The Figures 3.2.16 and Figure 3.2.17 shows the course end survey of Project Phase-I



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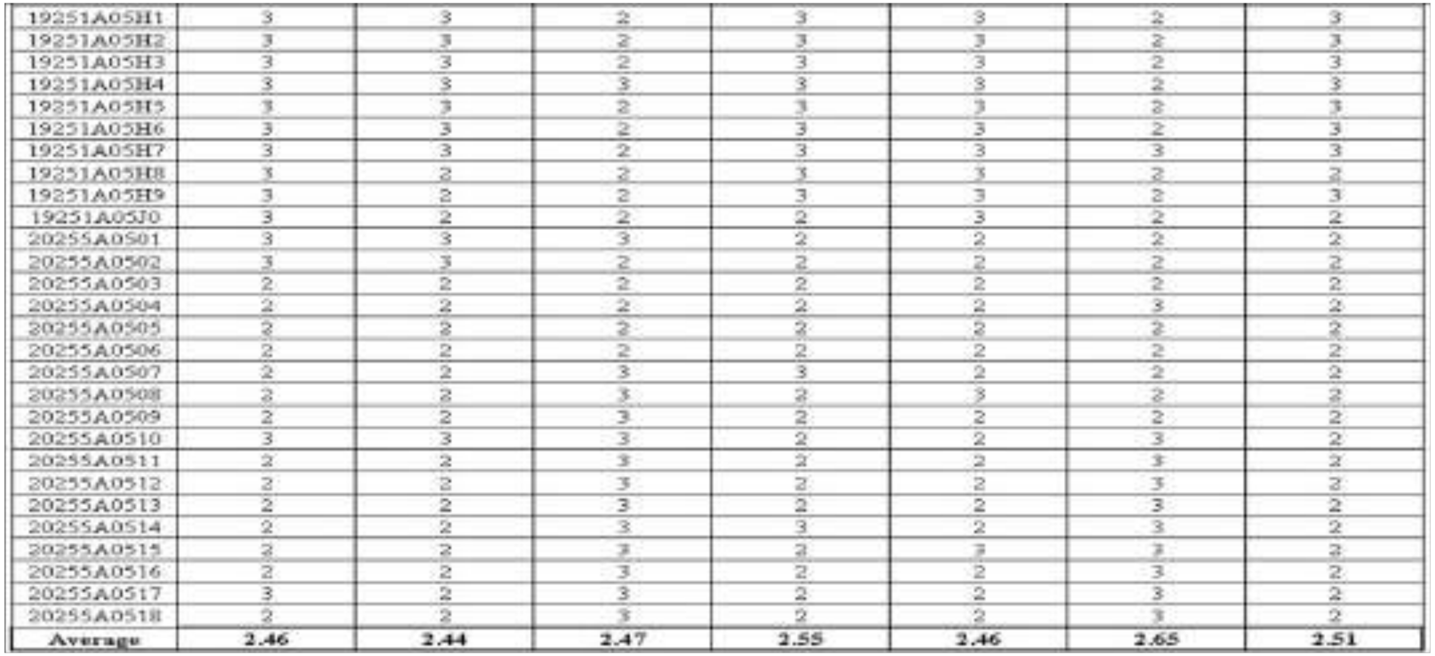
Department of Computer Science and Engineering

Class : IV B.Tech CSE (I Semester) Batch : 2019-2023 Course Name:Project Phase-I (C412)

Roll Number	CO1	CO1	CO3	CO4	CO5	CO6	Average CO Rating
19251A0501	3	3	3	3	3	3	3
19251A0502	2	2	2	2	3	3	2
19251A0503	2	2	2	2	2	3	2
19251A0504	2	2	2	2	2	3	2
19251A0505	2	2	2	2	2	3	2
19251A0506	2	2	2	2	2	3	2
19251A0507	2	2	2	2	2	3	2
19251A0508	2	2	2	2	2	3	2
19251A0509	3	3	3	3	2	3	3
19251A0510	2	2	2	2	3	3	2
19251A0511	2	2	2	2	2	3	2
19251A0512	2	2	2	2	2	3	2
19251A0513	2	2	2	2	2	3	2
19251A0514	2	2	2	2	2	3	2
19251A0515	2	2	2	2	2	3	2
19251A0516	3	3	3	3	2	3	3
19251A0517	2	2	2	2	3	3	2
19251A0518	2	2	2	2	2	3	2
19251A0519	2	2	2	2	2	3	2
19251A0520	2	2	2	2	2	3	2
19251A0521	2	2	2	2	2	3	2
19251A0522	3	3	3	3	2	3	3

Figure 3.2.18: First page of Course End Survey for Project Phase-I



19251A05H1	3	3	2	3	3	2	3
19251A05H2	3	3	2	3	3	2	3
19251A05H3	3	3	2	3	3	2	3
19251A05H4	3	3	3	3	3	2	3
19251A05H5	3	3	2	3	3	2	3
19251A05H6	3	3	2	3	3	2	3
19251A05H7	3	3	2	3	3	3	3
19251A05H8	3	2	2	3	3	2	2
19251A05H9	3	2	2	3	3	2	3
19251A05J0	3	2	2	2	3	2	2
20255A0501	3	3	3	2	2	2	2
20255A0502	3	3	2	2	2	2	2
20255A0503	2	2	2	2	2	2	2
20255A0504	2	2	2	2	2	3	2
20255A0505	2	2	2	2	2	2	2
20255A0506	2	2	2	2	2	2	2
20255A0507	2	2	3	3	2	2	2
20255A0508	2	2	3	2	3	2	2
20255A0509	2	2	3	2	2	2	2
20255A0510	3	3	3	2	2	3	2
20255A0511	2	2	3	2	2	3	2
20255A0512	2	2	3	2	2	3	2
20255A0513	2	2	3	2	2	3	2
20255A0514	2	2	3	3	2	3	2
20255A0515	2	2	3	2	3	3	2
20255A0516	2	2	3	2	2	3	2
20255A0517	3	2	3	2	2	3	2
20255A0518	2	2	3	2	2	3	2
Average	**2.46**	**2.44**	**2.47**	**2.55**	**2.46**	**2.65**	**2.51**

Figure 3.2.19: Last page of Course End Survey for Project Phase-I

The Figure 3.2.18 and 3.2.19 shows the course end survey for Project Phase-I

CO Attainment of Project Phase-I:

Direct CO Attainment - 3 **Indirect CO Attainment - 2.51**

Final CO Attainment = 80% of Direct Attainment + 20% of Indirect Attainment

[3 x 0.8 + 2.51 x 0.2 = 2.9]

The same process adopted for Project Phase-I assessment is used for assessment of Project Phase-II and Mini Projects.

Seminars:

The assessment of Seminar is done by using the Rubrics in the Table 3.2.15 given below.

Table 3.2.15 Assessment Criteria for the evaluation of Seminars

Assessment Criteria	Excellent	Good	Satisfactory	Unsatisfactory

Organization of seminar content	Logically arranging the seminar content in an effective way.	A good arrangement of seminar content catching its flow.	A fair arrangement of seminar content.	A poor arrangement of seminar content.
Clarity in delivering the seminar	An opaque delivery of seminar content without any confusion.	A good delivery of seminar content without any confusion.	A fair delivery of seminar content without any confusion.	A poor delivery of seminar content.
Language skills/ Communication Skills	Excellent communication skills and technical vocabulary.	Very good communication skills and technical vocabulary.	Fair communication skills and limited technical vocabulary.	Poor communication skills and nil technical vocabulary.
Technical Content	An excellent demonstration of understanding of problem area and result interpretation.	A good demonstration of understanding of problem area and result interpretation.	A fair demonstration of understanding of problem area and result interpretation.	Poor demonstration of understanding of problem area and result interpretation.
Effective response to questions and comments	An excellent response with proper explanations to the questions asked and being positive to the comments.	A good response with proper explanations to the questions asked and being positive to the comments.	A fair response with proper explanations to the questions asked and being positive to the comments.	Poor response with improper explanations to the questions asked and being neutral to the comments.
Attendance	Excellent to attend sessions.	Very good to attend sessions.	Fair to attend sessions.	Poor to attend sessions.

The process adopted for Project work assessment is followed even for the assessment of Seminars with the rubrics given in the Table 3.2.15 given above.

CO Attainment of all Courses for 2019- 2023 Batch:

The CO Attainment for all the courses of 2019-2023 batch is given in the Table 3.2.16 below.

Table 3.2.16 CO Attainment of all Courses (2019-2023 Batch)

S.No	Course	NBA Course Code	GNITS Course Code	CO Attainment
1	Chemistry	C101	BS111AA	**2.64**
2	Linear Algebra and Multivariable Calculus	C102	BS111AB	**2.50**

3	Basic Electrical Engineering	C103	ES111AD	**2.18**
4	Programming for Problem Solving	C104	ES111AF	**2.48**
5	Chemistry Lab	C105	BS11101	**2.11**
6	Basic Electrical Engineering Lab	C106	ES11103	**2.14**
7	Programming Lab	C107	ES11105	**2.10**
8	Physics	C108	BS112AC	**1.81**
9	Numerical Techniques and Transform Calculus	C109	BS112AG	**2.22**
10	English	C110	HS112AJ	**2.52**
11	Engineering Graphics	C111	ES112AE	**1.80**
12	Physics Lab	C112	BS11208	**2.10**
13	English Professional and Communication Skills Lab	C113	HS11212	**1.25**
14	Computational Mathematics Lab	C114	ES11210	**2.13**
15	Engineering Workshop	C115	ES11211	**2.95**
16	Probability and Statistics	C201	BS113AL	**2.53**
17	Digital Logic Design	C202	ES113AN	**1.84**
18	Engineering Mechanics	C203	ES113AP	**2.16**
19	Data Structures	C204	PC113AS	**2.21**
20	Object Oriented Programming	C205	PC113AX	**1.80**
21	IT Workshop Lab	C206	ES11316	**2.60**
22	Data Structures through C++ Lab	C207	PC11319	**2.70**

23	Object Oriented Programming through Java Lab	C208	PC11323	**2.60**
24	Discrete Mathematics	C210	BS114AZ	**1.97**
25	Managerial Economics and Financial Analysis	C211	HS114BD	**1.96**
26	Computer Organization and Architecture	C212	PC114BH	**1.93**
27	Operating Systems	C213	PC114BN	**1.98**
28	Database Management Systems	C214	PC114BJ	**1.93**
29	Computer Organization and Microprocessor Lab	C215	PC11427	**2.76**
30	Operating Systems Lab	C216	PC11433	**2.70**
31	Database Management Systems Lab	C217	PC11428	**2.76**
32	Fundamentals of Management	C301	HS115CE	**2.23**
33	Computer Networks	C302	PC115BU	**2.20**
34	Design and Analysis of Algorithms	C303	PC115BX	**1.90**
35	Software Engineering	C304	PE115CK	**1.97**
36	Introduction to Data Analytics	C307	OE115KF	**2.11**
37	Disaster Management	C308	OE115KH	**2.34**
38	Employability and Soft skills Lab	C309	HS11542	**2.92**
39	Computer Networks Lab	C310	PC11534	**2.68**
40	Design and Analysis of Algorithms Lab	C311	PC11537	**2.74**

41	Formal Languages and Automata Theory	C312	PC116CX	**2.11**
42	Data Mining	C313	PC116CT	**1.96**
43	Web Technologies	C314	PC116DM	**2.08**
44	Machine Learning (PE-2)	C316	PE116DD	**2.34**
45	Behavioral Skills and Professional Communication	C318	OE116KP	**2.71**
46	Web Technologies and Data Mining Lab	C319	PC11655	**2.59**
47	Machine Learning Lab	C321	PE11648	**2.69**
48	Seminar	C323	PW11652	**2.93**
49	Entrepreneurship and Project Management	C401	HS117DZ	**2.39**
50	Compiler Design	C402	PC117DQ	**2.74**
51	Artificial Intelligence	C403	PE117DN	**2.37**
52	Cloud Computing	C407	PE117DP	**2.69**
53	Industrial Management	C409	OE117KW	**2.52**
54	Compiler Design Lab	C410	PC11756	**2.68**
55	Mini Project	C411	PW11758	**2.91**
56	Project Phase– I	C412	PW11761	**2.90**
57	Cryptography & Network Security	C413	PC118FF	**2.33**
58	Software Project Management	C414	PE118FZ	**2.21**
59	Human Computer Interaction	C417	PE118FP	**2.21**
60	Environmental Impact Assessment	C420	OE118MC	**1.95**
61	Project Phase– II	C421	PW11863	**2.93**

The graphical representation of CO Attainment for 2019-2023 is shown in the Figure 3.2.20 given below.

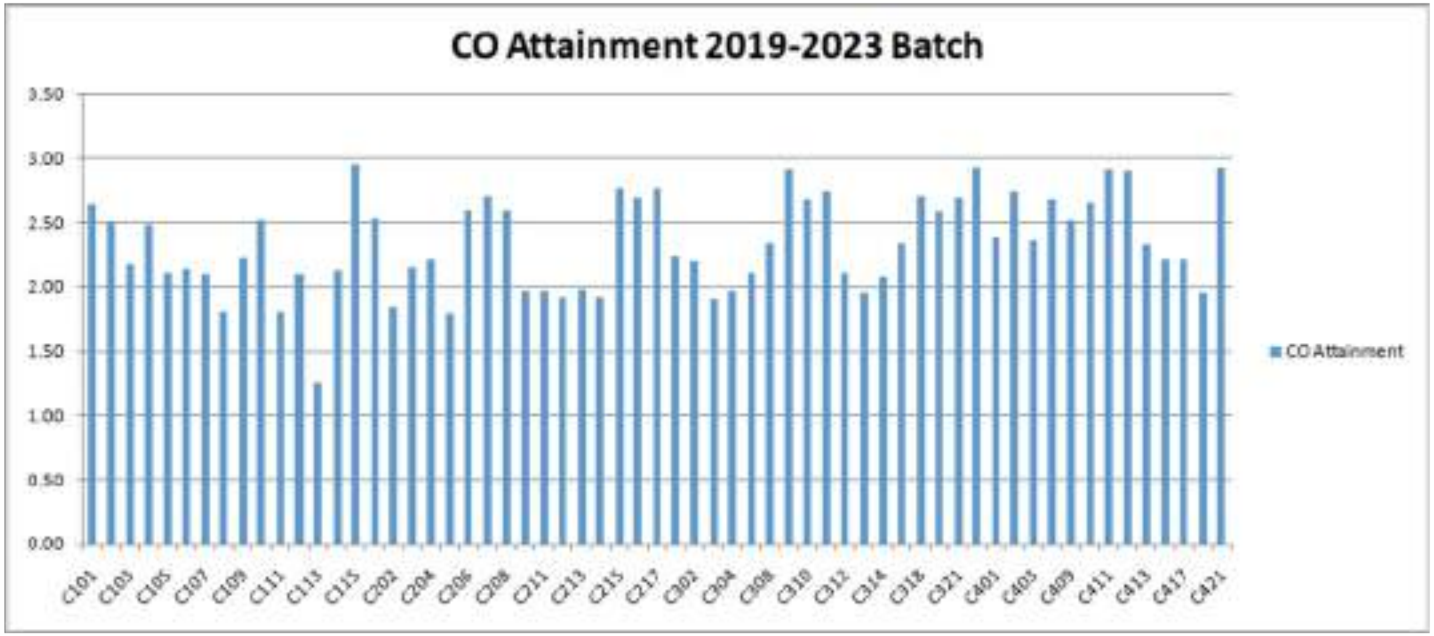


Figure 3.2.20 CO Attainment Graph for 2019-2023 batch

3.3 Attainment of Program Outcomes and Program Specific Outcomes (75)

Total Marks 75.00

3.3.1 Describe assessment tools and processes used for measuring the attainment of each Program Outcome and Program Specific Outcomes (10)

Institute Marks : 10.00

PO/PSO Attainment for a particular batch is calculated with Direct PO/PSO Attainment and Indirect PO/PSO Attainment. Direct attainment is calculated by considering CO-PO correlation mapping and CO attainment for the courses . Indirect attainment is calculated through surveys by collecting feedback from Governing Council, alumnae, parents, employers, outgoing students. The final PO/PSO attainment is calculated with 80% Direct attainment and 20% indirect attainment.

3.3.1 Describe Assessment Tools and Processes used for measuring the attainment of each PO and PSO (10 Marks)

The PO Attainment is calculated by using various assessment tools and processes. The Table 3.3.1 and 3.3.2 explains Direct Assessment tools for calculating PO/PSO Attainment.

The PO Attainment is calculated through 80% of Direct PO Attainment and 20% of Indirect PO Attainment.

The Table 3.3.1 and 3.3.2 explains Direct Assessment tools for calculating PO/PSO Attainment.

PO/PSO Assessment Tools:

Table 3.3.1: Direct Assessment Tools

Direct PO Assessment			
PO/PSO Direct Assessment Tools		**Frequency of Evaluation**	**Process**
Theory Courses	Assignments	2 times per semester	**Attainment of COs**
	Internal Examinations	2 times per semester	
	Semester End Examinations	Once per semester	
Practical Courses	Internal Assessment (Day to Day Evaluation and Internal Exam)	Continuous Internal Evaluation	
	Semester End Examinations	Once in a semester	
Seminar	Seminar	Once in B. Tech. programme	
Project Work	Mini Project	Once in B. Tech. programme	
	Project Phase-I (Internal + External)	Continuous Internal Evaluation Semester End Examination – Once in B.Tech. programme	

	Project Phase-II (Internal + External)	Continuous Internal Evaluation Semester End Examination – Once in B.Tech. programme	
Survey	Course End Survey	Once in a semester	

Table 3.3.2: Indirect Assessment Tools

Indirect PO Attainment	
Assessment Tools	**Method / Process**
Governing Council	The feedback is collected from Governing Council members once in year. The questionnaire is based on academics, placements, infrastructural facilities, Centres of Excellence, research and development.
Alumnae Feedback	During the alumni meet, the feedback is collected from alumnae once in a year, based on the various parameters. The feedback form is structured with two sections with respect to B.Tech. program at GNITS and accomplishment/progress in professional advancement after graduation.
Parents' Feedback	The feedback is collected from parents once in a year based on academics and placements, infrastructural facilities, performance of students in co curricular and extra curricular activities.
Employers' Feedback	The feedback from employer is collected once in a year based on programme curriculum design, training undergone, knowledge and skills acquired.

Outgoing Students' Feedback	On completion of B.Tech. programme, feedback is collected from each student based on designed program curriculum, training undergone, knowledge and skills acquired.

PO/PSO Assessment Process:

After obtaining the CO Attainment for all the courses of a batch, the PO Attainment and PSO Attainment calculation is done with respect to all the 12 program outcomes and 2 program specific outcomes specified by the department. The process of calculating PO attainment is explained in the Figure 3.3.1 given below:

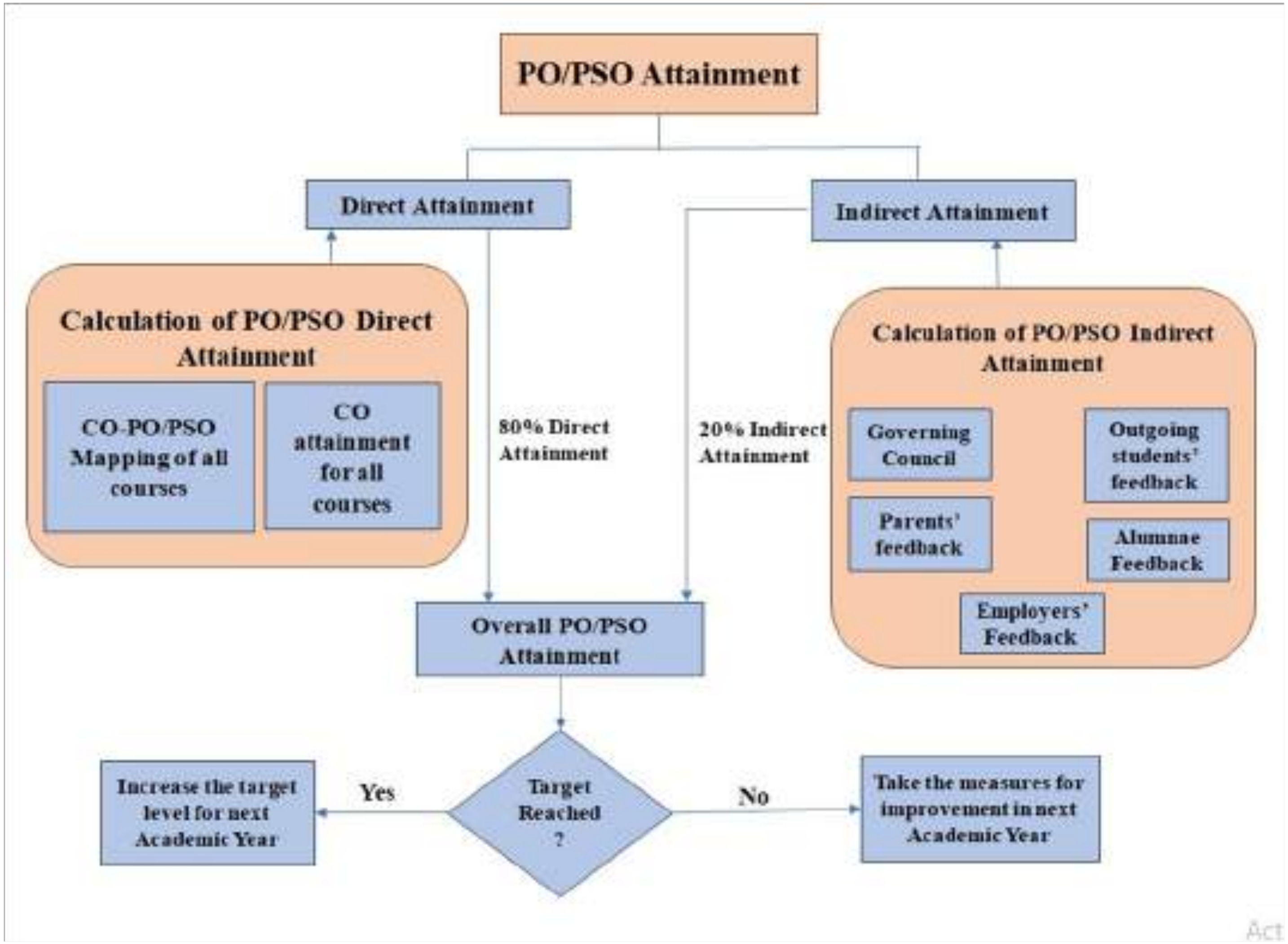

PO/PSO Attainment
Direct Attainment
Indirect Attainment
Calculation of PO/PSO Direct Attainment
CO-PO/PSO Mapping of all courses
CO attainment for all courses
80% Direct Attainment
20% Indirect Attainment
Calculation of PO/PSO Indirect Attainment
Governing Council
Outgoing students' feedback
Parents' feedback
Alumnae Feedback
Employers' Feedback
Overall PO/PSO Attainment
Target Reached ?
Yes
No
Increase the target level for next Academic Year
Take the measures for improvement in next Academic Year
Act

Figure 3.3.1: PO/PSO Attainment Process

Calculation of PO/PSO Attainment:

The PO/PSO Attainment is calculated by considering 80**% of Direct PO/PSO Attainment and 20% of Indirect PO/PSO Attainment using the rubrics and the process defined as follows.**

Process used for assessing the attainment of PO/PSO (Direct Assessment):

After the course attainment is obtained, each PO Attainment for a particular course is calculated by the following formula, PO1 attainment for a particular course= (1/3) * CA * CL where,

CA = Course attainment of a particular course.

CL = Correlation level of PO1 for that particular course.

Same process is followed to obtain the attainments of other POs for a particular course.

With the obtained values, **PO/PSO Attainment table** is filled for all the courses.

Process used for assessing the attainment of PO/PSO (Indirect Assessment):

The indirect attainment is calculated based on the feedback taken from various stake holders. The feedback is collected every academic year from all the stakeholders and is evaluated and analyzed. Accordingly, the necessary action will be initiated in the department for the successful attainment and accomplishment of the POs and PSOs of the programme. For each stakeholder, different set of questions are framed based on factors on which the feedback is to be taken. The average rating in terms of percentage is calculated for each of the question. The calculated average of each question is mapped to POs and PSOs that relates to it. The average is computed to all the questions that mapped to each PO.

Governing Council Feedback: Feedback is collected from governing council members with 14 questions which are rated from 1 to 5.

Alumnae Feedback: Feedback is collected from alumnae with 30 questions which are rated from 1 to 5.

Parents' Feedback: Feedback is collected from parents with 15 questions which are rated from 1 to 5.

Outgoing students' Feedback: Feedback is collected from the outgoing students with 12 questions which are rated from 1 to 5.

Employer's Feedback: Feedback is collected from Employer with 15 questions which are rated from 1 to 5.

The questionnaire for Governing Council feedback is shown in the Table 3.3.3 given below

Table 3.3.3 Questionnaire for Governing Council feedback

S. No.	Question/Attribute
A1	The programme offers good teaching/learning process to give sound knowledge on engineering fundamentals, analysis, design and applications enabling present day technological needs.
A2	Conducting technical events, labs sessions, workshops, seminars and projects are appreciated.
A3	Importance is given to design and solve problems using latest technologies and advanced tools.
A4	Academic Success Rate of students in each year of the programme/level and the final successful placement statistics are excellent.
A5	College ambience and Programme planning ensure good team collaborations, inculcate continuous learning abilities with professional ethics and engineering practices in multi-disciplinary fields.
A6	Well maintained transport and hostel facilities providing safety and security measures.

A7	Digital Library facilities, Internet linked Labs, and Wi-Fi enabled campus are quite creditable and commendable.
A8	Evaluation methods are transparent, and marks/grades awarded truly represent the student performance levels.
A9	Faculty and non-teaching staff are competent and accommodative, ensuring cohesive academic, research and administrative atmosphere, decisive learning/training features.
A10	In GNITS, the Budget requirements of each Department are well prepared, and are equally well supported by quick administration approvals & management grants.
A11	Management conducts periodic selections for faculty recruitment and provides salaries as per AICTE norms and maintains congenial academic/research environment to retain the faculty.
A12	The College Management and the Governing Body Members are academically proactive and extend their complete support, to make the College 'a Centre of Excellence for Engineering Education' in the state.
A13	Good Research and innovation culture is established through which students at PG level will independently carryout research/ development work.
A14	PG students exhibit mastery over UG concepts and present and publish substantial technical reports in conferences and Journals.

The feedback from Alumnae is collected with the questionnaire given in the Tables 3.3.4:

Table 3.3.4 Questionnaire for Alumnae feedback

S. No.	Question/Attribute
A1	The Programme gave sound knowledge of the engineering fundamentals and strong foundations in CSE Branch specialization courses, necessary at graduate level
A2	Appropriate combination of Theoretical Knowledge & Practical Skills in the Programme allowed clear understanding of engineering processes, and enabled offering correct analysis & effective solutions
A3	Programme was well structured and implemented to ensure problem solving ability in CSE related fields, enhancing the confidence levels of students

A4	Enough importance was given to design, verification and result analysis, using modern scientific tools, enabling present day technological needs
A5	Plenty of opportunities were provided to excel as individual and as group member, through academic exercises, mini-projects, co-curricular and extra curricular activities, professional society events
A6	Ample scope was given to enhance abilities for - individual problem solving, modelling and analysis of engineering problems, hands-on experience and data interpretation/presentation
A7	Special focus on improvement of communication skills and peer-networking abilities through language lab sessions, workshops, seminars, group discussions, paper presentations, conduct of technical events is appreciated
A8	College ambience and Programme planning ensured good team collaborations, inculcated learning abilities with professional ethics and engineering practices in multi-disciplinary fields
A9	The Programme gave ample scope for identifying complex engineering problems, and imparted knowledge to develop acceptable models & offer effective solutions
A10	Programme encouraged utility of modern engineering tools and sophisticated technologies to develop acceptable solutions for complex engineering problems in real life domain
A11	Programme on the whole, satisfied the needs of all women students - provided good career opportunities, and also enabled them to go for higher studies/research
A12	The College campus was quite green and student friendly, with hygienic canteen food and pleasant hostel facilities and transport provisions
A13	Safety and Security requirements for all girl students were excellent, and medical attention was as per needs
A14	The Programme enabled GNITS students to realize their social responsibilities, and conduct successful events related to societal issues & regional development
A15	Overall, the Programme met my expectations and I am happy to progress ahead with this successful graduation.

B1	Your Graduation at GNITS helped you in securing your first employment ... (a) Before Graduation (b) < 6 Months After Graduation (c) 6 M to 1 Year After Graduation (d) > 1 Year After Graduation (e) No Employment Still
B2	How much your graduation helped you in being 'well prepared' to meet the industry/ organization requirements, during Training/ Probationary Period ? (a) Entirely (b) Very Much (c) Satisfactorily (d) Partially (e) Not much
B3	What performance grade you got, in completing the Training Sessions related to your employment, within the specified period ? (a) Excellent (b) Good (c) Satisfactory (d) Need to Improve (e) Not Applicable
B4	Is your engineering programme knowledge helpful in solving technical problems at the organization ? (a) yes, to a Very Large Extent (b) yes, Very Much (c) to some extent (d) Very Little (e) Not much
B5	Your compatibility in using modern tools/technologies to meet your job requirements is…. (a) Excellent (b) Good (c) Satisfactory (d) Need to Improve (e) Not Applicable (NA)
B6	Your comfort level and acceptability - in performing the job functions as a group member or team lead, and as a follower of professional ethics, are .... (a) Excellent (b) Good (c) Satisfactory (d) Need to Improve (e) NA
B7	Your levels of Technical Presentation and Communication Skills are .... (a) Excellent (b) Good (c) Satisfactory (d) Average(e) Need to Improve

B8	You have commendable participation in the conduct of professional and technological promotion events at your Organization, and your contributions made you happy .... (a) yes, to a Very Large Extent (b) yes, Very Much (c) to some extent (d) Very Little (e) Not much
B9	What is the time taken for your first promotion in the Organization ? (a) 2 years (b) 3 years (c) 4 years (d) 5 years (e) Self Employed/ Not Applicable
B10	How many training programs have you attended (in related fields) during your employment? (a) > 3 (b) 3 (c) 2 (d) 1 (e) None/ NA (Not Applicable)
B11	How many times you have represented your group in technical discussions or acted as resource person for your team ? (a) > 3 (b) 3 (c) 2 (d) 1 (e) None/ NA
B12	What additional qualifications/ certifications could you attain after your graduation? (a) Doctoral Degree (b) Masters Degree(c) PG Diploma (d) Certificate Course (e) None
B13	How many Projects you have successfully completed so far (as Lead or Member) ? (a) > 3 (b) 3 (c) 2 (d) 1 (e) None/ NA
B14	You could carefully plan and organize cultural/sports events or social meets at your organization, much to your personal satisfaction ... (a) yes, to a Very Large Extent (b) yes, Very Much (c) to some extent (d) Very Little (e) Not much
B15	Overall, you consider that your career progress and professional achievements are mainly due to your successful graduation programme at GNITS ... (a) yes, to a Very Large Extent (b) yes, Very Much (c) to some extent (d) Very Little (e) Not much

The feedback from parents is collected with the questionnaire given in the Table- 3.3.5

Table 3.3.5 Questionnaire for Parents' Feedback

S. No.	Question/Attribute
A1	We chose GNITS Womens' College for my daughter, because of its Excellent Reputation in Academics and Placements, well structured Programme Implementation and instruction facilities ....
A2	We could take proper actions, corrective measures and give relevant support for our daughter's progress, as GNITS faculty continuously informed us about her attendance, performance and domains of interest ....
A3	Our visits to College campus were not necessary to monitor our daughter's progress, as enough care is taken through counselling and guidance ....
A4	Our satisfaction level with reference to the curriculum offered, laboratory equipment provided and modern scientific tools available, is excellent ....
A5	As per our observations, Faculty Strength, Teaching-Learning Practices used, and special focus on imparting Soft skills and Communication Skills are well appreciated features at GNITS ....
A6	GNITS has balanced co/extra-curricular activities, well planned technical/ cultural events, encouraging professional society memberships, which are very much liked by our daughter….
A7	College has provided many opportunities for our ward to excel in Seminar/Technical Paper Presentations, Workshop Participations and Mini-Project Executions ....
A8	Excellent Training and Discussion Sessions are available at GNITS Campus, ensuring proper understanding/orientation towards placements & career guidance ....
A9	The College has a well-maintained campus with greenery, Digital Library, Wi-Fi provision, hygienic drinking water and canteen facilities ....
A10	We are very happy with the well maintained student transport/ hostel facilities, and excellent encouragement plus support for student participation in sports & games ...

A11	The College has excellent safety and security measures, adequate medical facilities, because of which we are at ease as far as our girl's stay at campus is concerned ...
A12	We are glad that our ward is aware of social issues, participated in events related to societal responsibility & regional developments, scrupulously following moral values and professional ethics ...
A13	The College has adequate infrastructural facilities, well ventilated class-rooms and easily accessible good mannered faculty giving us enough satisfaction and greater pride on admitting our daughter here ....
A14	We are extremely happy with our daughter's campus placement before the completion of her graduation, and our parental pride is entirely due to her GNITS graduation ..
A15	We are very much satisfied with our daughter's progress in the B. Tech. Programme, and we would like to recommend GNITS Graduation Programme study to our friends/ relatives or any other contacts ....

The Employer feedback is collected with the questionnaire given in the Table 3.3.6.

Table 3.3.6: Questionnaire for Employer feedback

S. No.	Question/Attribute
A1	GNITS graduates have desire to learn, and are industry ready, as revealed by their creditable performances during training sessions and probationary period
A2	GNITS graduates have the necessary theoretical and practical knowledge, and are successful in proving their problem solving abilities
A3	They possess the required technical skills, programming abilities and are willing to work hard and contribute to the development of the Organization
A4	GNITS women graduates perform equally well in individual capacities and as group members or technical lead, and assume responsibility for their actions and progress
A5	They have the ability to identify the industry needs, and model or design a system/ process using advanced tools to meet the technological constraints

A6	They communicate effectively with peers, seniors, subordinates, clients and other stakeholders, and proactively engage in professional development
A7	They exhibit good inter-personal relationships, and show their ability to work as a team in different social and technical environments following professional ethics
A8	They have the yearn for continuous learning and thrust to excel in successfully completing their allocated projects and proceed to advanced level jobs
A9	Their interactive presence and contributions in workshops, technical meets and project/report presentations are well appreciated
A10	They have the desire to improve their qualifications and competence, and express their willingness for advanced training practices or works on challenging projects in diversified domains
A11	The overall performance of GNITS graduates in our Organization is excellent
A12	Performance levels of GNITS women graduates are appreciably better than their counterparts from other institutions
A13	We are happy to have GNITS graduates in our Organization and are willing to recruit more in future
A14	They are aware of their social responsibilities and are equally enthusiastic in participating events related to societal issues and regional developments
A15	How many GNITS women graduates are presently working with your Organization ?

The feedback from Outgoing Students’ is collected with the questionnaire is given in the

Table-3.3.7

Table 3.3.7: Questionnaire for Outgoing Students’ feedback

S. No.	Question/Attribute
A1	Solve moderately complex engineering problems by applying the core knowledge acquired.
A2	Identify, analyze and solve engineering problems to yield effective/ useful conclusions.

A3	Apply these techniques in practical situations that arise from the specific needs such as public health, safety etc.
A4	Conduct investigations and interpret related data to provide valid conclusions by way of promoting my research skills.
A5	Use and apply modern tools to analyze, interpret and predict solutions to moderate engineering problems with a proper understanding of their limitations.
A6	Act or respond with social responsibility towards relevant societal, health, safety and cultural issues.
A7	Demonstrate the need for and apply engineering solutions to conservation of environment for sustainable development.
A8	Follow professional ethics while executing projects which carry substantial importance for the benefit of society.
A9	Work effectively both as an individual, team member and team leader towards achieving the set goals.
A10	Communicate effectively with both experts and non-experts through oral interactions, documentary records and PPT presentations.
A11	Demonstrate the skills required to guide, design and manage project related to both engineering and multidisciplinary problems.
A12	Engage in both supervised and independent learning in the broadest contest of technological changes that occur from time to time.

Calculation of Indirect PO/PSO attainment:

The average rating in terms of percentage is calculated for each question using the following formulae:

Step 1: Average points (ratings) for each question = Total points obtained / Maximum points

Step 2: Sum of average of all questions mapped to each PO/PSO / No. of questions mapped to each PO/PSO

The overall Indirect attainment for each PO and PSO is calculated by finding the average of all types of surveys for that corresponding POs and PSOs.

Step 3: Sum of average of all types of surveys mapped to each PO/PSO / No. of surveys

Overall Indirect Attainment of 2019-2023 Batch:

The indirect attainment for 2019-2023 batch is shown in the Table 3.3.8 given below.

Table 3.3.8: Indirect Attainment for 2019-2023 Batch

PO/PSO	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
	Percentage of Average Rating with respect to each PO/PSO													
Governing Council Survey	100	100	93	96	96	98	98	96	94	100	94	95	100	100
Alumnae Survey	89.7	87.2	86.2	84.2	86.5	82.5	80.9	87.3	83.9	86.8	80.8	80	89.7	87.2
Parents Survey	80.14	81.14	82	83.71	82	80.86	80.57	83.43	84.86	81.14	83.7	86.72	80.14	81.14
Employer Survey	80	85.71	88.57	81.43	82.86	88.57	88.57	88.57	90	88.57	91.4	88.57	80	85.71
Outgoing Students Survey	80.75	81.61	81.08	80.65	80.65	83.44	81.4	83.55	84.52	84.3	83	83.33	80.75	81.61
Average	**86.12**	**87.13**	**86.17**	**85.20**	**85.59**	**86.68**	**85.88**	**87.77**	**87.46**	**88.16**	**86.58**	**86.72**	**86.12**	**87.13**
Attainment Levels	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**

Table 3.3.9: Rubrics to determine the level of PO/PSO Indirect Attainment

Description	Range	Attainment Level
Not Attained	<60	0
Low	>=60 & <70	1
Moderate	>=70 & <80	2
Strong	>=80	3

The Tables 3.3.8 shows the indirect attainment calculation of 2019-2023 Batch using the rubrics given in the Table 3.3.9.

The Tables 3.3.10 to 3.3.15 shows the PO and PSO Attainments for 2019-2023, 2018-2022, 2017-2021 batches

PO Attainment for 2019-2023 Batch:

Table 3.3.10 PO Attainment for 2019-2023 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

Direct Attainment (80%)	**1.55**	**1.53**	**1.54**	**1.44**	**1.55**	**1.39**	**1.33**	**1.45**	**1.44**	**1.35**	**1.34**	**1.41**
Indirect Attainment (20%)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Final PO Attainment	**2.15**	**2.13**	**2.14**	**2.04**	**2.15**	**1.99**	**1.93**	**2.05**	**2.04**	**1.95**	**1.94**	**2.01**

PSO Attaiment for 2019-2023 Batch:

Table 3.3.11 PO Attainment for 2019-2023 Batch

PSO	PSO1	PSO2
Direct Attainment (80%)	**1.32**	**1.31**
Indirect Attainment (20%)	0.6	0.6
Final PO Attainment	**1.92**	**1.91**

PO Attainment for 2018-2022 Batch:

Table 3.3.12 PO Attainment for 2018-2022 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment (80%)	**1.51**	**1.48**	**1.50**	**1.43**	**1.53**	**1.35**	**1.27**	**1.38**	**1.45**	**1.31**	**1.37**	**1.34**
Indirect Attainment (20%)	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Final PO Attainment	**2.11**	**2.08**	**2.00**	**2.03**	**2.13**	**1.95**	**1.87**	**1.98**	**2.05**	**1.91**	**1.97**	**1.94**

PSO Attainment for 2018-2022 Batch:

Table 3.3.13 PSO Attainment for 2018-2022 Batch

PSO	PSO1	PSO2
Direct Attainment (80%)	**1.29**	**1.26**
Indirect Attainment (20%)	0.6	0.6
Final PO Attainment	**1.89**	**1.86**

PO Attainment for 2017-2021 Batch:

Table 3.3.14 PO Attainment for 2017-2021 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment (80%)	**1.33**	**1.30**	**1.32**	**1.20**	**1.42**	**1.25**	**1.20**	**1.39**	**1.32**	**1.22**	**1.20**	**1.32**
Indirect Attainment (20%)	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6	0.5
Final PO Attainment	**1.93**	**1.90**	**1.92**	**1.80**	**1.92**	**1.85**	**1.80**	**1.89**	**1.82**	**1.82**	**1.80**	**1.82**

PSO Attainment for 2017-2021 Batch:

Table 3.3.15 PSO Attainment for 2017-2021 Batch

PSO	PSO1	PSO2
Direct Attainment (80%)	**1.20**	**1.16**
Indirect Attainment (20%)	0.6	0.6
Final PO Attainment	**1.80**	**1.76**

The PO/PSO Attainment for the batches 2019-2023, 2018-2022, 2017-2021 are shown in the Figures 3.3.2 to

Figure 3.3.9

3.3.2 Provide results of evaluation of each PO & PSO (65)

Institute Marks : 65.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	1.59	1.76	1.76	1.76	2.64	1.76	1.76	0	0	0	0	1.76
C103	1.94	1.82	1.45	0	0	0	0	0	0	0	0	0.73
C104	2.15	2.15	2.15	0	2.07	0	0	0	1.32	0	0	2.20
C105	1.93	1.41	1.41	1.41	1.41	0.70	0	0	0	0	0	0.70
C106	1.90	1.78	1.43	0	0	0	0	0	0	0	0	0.71
C107	1.75	1.68	1.82	2.10	2.10	0	0	0	1.54	0	0	1.68
C108	1.30	1.10	1.20	1.40	1.00	1.05	1.20	0	0	0	0	0
C109	2.22	1.73	1.48	0.74	0	0	0	0	0	0	0	0
C110	0	0	0	1.96	0	2.10	2.10	1.96	1.68	2.52	0	0
C111	1.20	0.60	0.90	1.20	1.20	1.20	1.00	0	0	1.20	1.05	0.80
C112	1.23	1.28	1.28	1.40	1.05	1.23	1.40	2.10	1.75	1.40	0.70	2.10
C113	0	0	0	0.92	0	0.83	0.83	0.83	1.25	1.25	0.42	0
C114	1.66	1.66	2.01	1.42	1.42	0	0	0	0.71	0	0	0
C115	1.97	0	1.97	0	0	1.64	0	1.15	0	1.31	0	0.98
C201	2.53	2.53	0	0	0	0	0	0	0.84	0.84	0	0
C202	1.53	1.71	1.63	1.47	0	1.22	0	0	1.43	0	0	0
C203	1.44	1.44	1.44	1.44	0	0	0	0	0.72	0.72	0	1.44
C204	1.91	1.84	1.77	1.66	1.84	0.74	0	0	1.96	0	1.66	1.77
C205	1.40	1.40	1.80	1.50	1.50	0	0	0	1.50	0	0	0
C206	2.17	2.08	2.17	2.17	2.17	2.60	0	0	2.08	0	2.17	2.08
C207	2.25	2.25	2.34	2.16	2.16	1.80	0	0	0	0	2.03	2.40
C208	2.17	2.17	2.60	2.17	2.17	0	0	0	2.17	2.17	0	0
C210	1.53	1.86	1.64	1.70	0	0	0	0	1.64	1.75	0	0
C211	0	0	0.79	1.31	0	0	1.96	0	0.65	1.31	1.96	1.31
C212	1.61	1.61	1.61	1.61	1.93	0	1.28	0	0	0	1.50	0

C213	1.65	1.71	1.65	1.65	1.58	1.32	1.19	0	1.65	1.10	0.99	1.32
C214	1.93	1.82	1.93	1.28	1.93	1.28	1.28	0	1.28	0.64	0	0
C215	2.30	2.30	2.21	1.84	2.30	2.15	0	0	2.15	1.38	1.38	0
C216	2.25	2.25	2.25	2.34	2.10	2.70	2.34	0	2.34	2.25	2.10	2.25
C217	2.76	2.76	2.76	0	2.76	0	0	0	2.30	1.84	0	0
C301	0	0	0	0	0	0.74	2.23	0	2.23	2.23	0	1.49
C302	2.20	1.84	2.08	1.84	2.06	1.96	0	0	0	0	0	1.84
C102	0.83	1.67	2.50	0	0	0	0	0	0	0	0	0
C303	1.59	1.90	1.69	1.69	0	1.69	0	0	0	0	0	1.59
C304	1.75	1.86	1.64	1.53	1.64	1.31	1.31	1.31	1.64	1.58	1.53	0
C307	2.11	2.11	0	0	0.70	0	0	0	0.70	0	0	0
C308	0	1.56	1.82	0	1.56	1.17	2.08	0	0	0	0	0.78
C309	0	1.95	0	0	0	0.97	0	2.92	2.92	2.92	0	0
C310	2.68	2.23	2.23	2.23	2.14	2.38	0	0	0	0	0	2.23
C312	1.83	1.76	1.76	1.97	1.76	1.40	1.40	0	0	1.64	0	1.52
C313	1.56	1.63	1.56	1.63	1.96	1.30	1.30	0	1.30	0	0	1.96
C314	1.73	2.08	1.73	1.73	1.96	0	0.69	0	1.96	1.85	1.62	2.08
C316	1.95	1.82	1.95	1.95	1.95	1.82	1.56	0	0	0	0	1.75
C318	0	0	0	0	2.71	1.81	0	0	2.71	2.71	1.81	0
C319	2.16	2.16	2.59	1.90	2.44	2.01	2.01	0	2.30	2.01	1.73	2.01
C321	2.33	2.24	2.69	2.33	2.69	2.24	1.79	0	0	0	0	2.24
C323	2.34	2.34	2.44	2.20	0	2.28	0	1.95	0	2.93	1.95	2.44
C401	0	0	0	0	0	1.59	1.59	0	1.99	0.80	2.39	2.39
C402	2.37	2.37	2.58	2.28	2.19	2.13	0	0	0	0	0	1.37
C403	1.97	1.97	1.97	1.84	1.97	1.97	1.58	0	0	0	0	1.97
C407	2.24	2.24	2.24	2.24	2.24	2.24	2.69	2.09	2.24	1.94	1.79	1.94
C409	0	0	0	0	0	1.89	2.52	0	1.68	1.68	1.68	2.52
C410	2.23	2.32	2.23	2.23	2.46	1.94	0	0	0	0	1.79	1.79

C411	2.43	2.27	2.43	2.33	2.27	2.33	1.94	2.10	2.91	1.78	1.94	2.43
C412	2.51	2.42	2.32	2.32	2.26	2.90	2.26	2.42	2.90	1.93	2.26	2.42
C413	2.07	1.94	1.94	1.94	1.87	1.87	1.17	1.81	0	0	0	1.94
C414	1.84	1.97	1.97	1.48	1.72	1.72	1.84	1.48	1.72	1.84	1.72	1.84
C417	1.97	1.84	1.84	1.84	1.84	1.84	2.21	1.72	1.84	1.72	1.84	1.72
C420	0.87	0.81	1.52	1.30	1.30	1.30	0.65	0.81	1.46	0.65	1.30	0.65
C421	2.54	2.44	2.34	2.34	2.28	2.93	2.28	2.44	2.93	1.95	2.28	2.44
C311	2.29	2.74	2.74	2.74	0	2.29	0	0	0	0	0	2.29

PO Attainment Indirect

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Governing (	3	3	3	3	3	3	3	3	3	3	3	3
Alumnae Su	3	3	3	3	3	3	3	3	3	3	3	3
Parent Surv	3	3	3	3	3	3	3	3	3	3	3	3
Employer S	3	3	3	3	3	3	3	3	3	3	3	3
Outgoing St	3	3	3	3	3	3	3	3	3	3	3	3

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
InDirect Attainment	3	3	3	3	3	3	3	3	3	3	3	3
Direct Attainment	1.94	1.91	1.93	1.80	1.94	1.74	1.66	1.81	1.79	1.68	1.68	1.76

PSO Attainment

Course	PSO1	PSO2
C101	1.76	1.76
C102	1.67	PSO2
C103	1.45	PSO2
C104	2.48	1.65
C105	1.41	1.41
C106	1.43	PSO2

C107	2.10	1.40
C108	1.20	1.00
C109	1.48	PSO2
C110	PSO1	1.68
C111	1.20	1.20
C112	1.40	1.40
C113	0.83	PSO2
C114	1.42	PSO2
C115	PSO1	1.64
C201	1.41	PSO2
C202	1.12	PSO2
C203	1.15	1.01
C204	2.21	1.84
C205	1.20	PSO2
C206	1.73	PSO2
C207	2.55	1.80
C208	1.73	PSO2
C210	1.31	PSO2
C211	PSO1	PSO2
C212	1.39	PSO2
C213	1.54	PSO2
C214	1.61	1.93
C215	1.84	PSO2
C216	2.40	PSO2
C217	2.30	2.15
C301	PSO1	PSO2
C302	1.47	PSO2
C303	1.27	PSO2
C304	1.64	PSO2

C307	1.41	1.41
C308	1.56	1.56
C309	PSO1	1.95
C310	1.79	PSO2
C311	1.83	PSO2
C312	1.55	1.40
C313	1.30	1.30
C314	1.39	1.50
C316	1.56	1.56
C318	1.81	1.81
C319	1.73	1.73
C321	1.79	1.79
C323	1.95	1.95
C401	PSO1	PSO2
C402	1.98	1.98
C403	PSO1	1.84
C407	1.61	1.49
C409	PSO1	PSO2
C410	2.08	1.94
C411	2.53	1.94
C412	2.42	2.26
C413	1.56	PSO2
C414	1.48	PSO2
C417	1.62	1.60
C420	0.65	0.65
C421	2.44	2.28

PSO Attainment Indirect

Survey	**PSO1**	**PSO2**
Governing Council Sur	3.00	3.00

Alumnae Survey	3.00	3.00
Parents Survey	3.00	3.00
Employer Survey	3.00	3.00
Outgoing Students Sur	3.00	3.00

PSO Attainment Level

Course	**PSO1**	**PSO2**
Direct Attainment	1.66	1.64
InDirect Attainment	3.00	3.00

4 STUDENTS' PERFORMANCE (100)

Total Marks 89.86

Institute Marks :

Table 4.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	**2023-24 (CAY)**	**2022-23 (CAYm1)**	**2021-22 (CAYm2)**	**2020-21 (CAYm3)**	**2019-20 (CAYm4)**	**2018-19 (CAYm5)**	**2017-18 (CAYm6)**
Sanctioned intake of the program(N)	261	191	194	180	180	180	180
Total number of students admitted in first year minus number of students migrated to other programs/ institutions plus No. of students migrated to this program (N1)	261	191	194	180	180	180	180
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	20	20	18	18	18	36
Separate division students, If applicable (N3)	0	0	0	0	0	0	0

Total number of students admitted in the programme(N1 + N2 + N3)	261	211	214	198	198	198	216

Table 4.2

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated without backlogs in any semester/ year of study (Without Backlog means no compartment or failures in any semester/ year of study)			
		I year	**II year**	**III year**	**IV year**
2023-24 (CAY)	261				
2022-23 (CAYm1)	211	168			
2021-22 (CAYm2)	214	169	157		
2020-21 (CAYm3)	198	144	147	146	
2019-20 (LYG)	198	148	147	147	147
2018-19 (LYGm1)	198	151	156	145	143
2017-18 (LYGm2)	216	143	143	129	109

Table 4.3

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2023-24 (CAY)	261				
2022-23 (CAYm1)	211	189			
2021-22 (CAYm2)	214	193	198		
2020-21 (CAYm3)	198	179	197	197	
2019-20 (LYG)	198	179	197	197	189
2018-19 (LYGm1)	198	176	193	193	188
2017-18 (LYGm2)	216	178	213	212	209

4.1 Enrolment Ratio (20)

Total Marks 20.00

Institute Marks : 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2023-24 (CAY)	261	261	100.00
2022-23 (CAYm1)	191	191	100.00
2021-22 (CAYm2)	194	194	100.00

Average [(ER1 + ER2 + ER3) / 3] : 100.00

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (20)

Total Marks 14.53

4.2.1 Success rate without backlogs in any semester / year of study (15)

Institute Marks : 9.75

Item	Latest Year of Graduation, LYG (2019-20)	Latest Year of Graduation minus 1, LYGm1 (2018-19)	Latest Year of Graduation minus 2 LYGm2 (2017-18)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	198.00	198.00	216.00
Y Number of students who have graduated without backlogs in the stipulated period	147.00	143.00	109.00
Success Index [SI = Y / X]	0.74	0.72	0.50

Average SI [(SI1 + SI2 + SI3) / 3] : 0.65

Assessment [15 * Average SI] : 9.75

4.2.2 Sucess rate in stipulated period (5)

Institute Marks : 4.78

Item	Latest Year of Graduation, LYG (2019-20)	Latest Year of Graduation minus 1, LYGm1 (2018-19)	Latest Year of Graduation minus 2 LYGm2 (2017-18)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	198.00	198.00	216.00
Y Number of students who have graduated in the stipulated period	189.00	188.00	209.00
Success Index [SI = Y / X]	0.95	0.95	0.97

Average SI[(SI1 + SI2 + SI3) / 3]: 0.96

Assessment [5 * Average SI] : 4.78

Note : If 100% students clear without any backlog then also total marks scored will be 20 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Second Year (10)

Total Marks 7.43

Institute Marks : 7.43

Academic Performance	**CAYm1 (2022-23)**	**CAYm2 (2021-22)**	**CAYm3 (2020-21)**
Mean of CGPA or mean percentage of all successful students(X)	7.87	7.46	7.52
Total number of successful students (Y)	198.00	197.00	197.00
Total number of students appeared in the examination (Z)	213.00	197.00	197.00
API [X * (Y/Z)]	7.32	7.46	7.52

Average API [(AP1 + AP2 + AP3)/3] : 7.43

Assessment [AverageAPI] : 7.43

4.4 Placement, Higher Studies and Entrepreneurship (30) Total Marks 27.90

Institute Marks : 27.90

Item	**CAYm1(2022-23)**	**CAYm2(2021-22)**	**CAYm3(2020-21)**
Total No of Final Year Students(N)	197.00	193.00	212.00
No of students placed in the companies or goverment sector(X)	167.00	169.00	167.00
No of students admitted to higher studies with valid qualifying scores(GATE or equivalent State or National Level tests, GRE, GMAT etc.) (Y)	16.00	20.00	20.00
No of students turned enterpreneur in engineering/technology (Z)	1.00	0.00	0.00
Placement Index [(X+Y+Z)/N] :	0.93	0.98	0.88

Average Placement [(P1 + P2 + P3)/3] : 0.93

Assessment [30 * Average Placement] : 27.90

Program Name : Electronics & Communication Engg.

Assessment Year : 2022-23 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Kamsani Spandana	19251A0592	Infor	Hyd/HR/R&S/AL/23/130258/2437 10-07-2023
2	Lumbini Kommu	19251A0593	EY India	25-05-2023
3	Lakavath Likhitha	19251A0594	State Street	07-07-2023
4	Musku Srihitha	19251A0595	Stellantis	12-06-2023
5	Motkar Shreya	19251A0596	CGI	27-12-2022
6	Mothukuri Ashritha	19251A0598	Deloitte	03-11-2023
7	Sathwika Muduganti	19251A0599	HackerRank	20-10-2022
8	Charitha Nagapuri	19251A05A0	Twilio	11-07-2022
9	Yamini Swamy	19251A05A1	Bank of America	08-05-2023
10	Sanjana Nangunoori	19251A05A2	EY India	08-05-2023
11	Navya Sree Peram	19251A05A3	Deloitte	03-10-2023
12	Sujana Sri	19251A05A4	Dextara	DX-09-09-241 13-09-2022
13	Sankeerthana Pattepu	19251A05A5	Prodapt	05-01-2023
14	Arunodaya Perugu	19251A05A6	Deloitte	03-10-2023
15	Preethika Chennareddy	19251A05A7	Telstra	04-10-2022
16	Radhika Gandla	19251A05A9	Deloitte	15-05-2023
17	Alankruthi Saieni	19251A05B0	Carrier Corporation	14-09-2022
18	Keerthana Pravallika Samudrala	19251A05B1	Twilio	19-07-2022
19	Satwika Lankireddy	19251A05B2	Pega Systems	04-08-2023
20	Shereen Sultana	19251A05B3	Pega Systems	11-08-2023
21	Surisetty Lavanya	19251A05B4	Bank of America	11-05-2023
22	Suvvada Divya	19251A05B5	JPMC	06-03-2023
23	Sreehitha Thatwadi	19251A05B7	Experian	ID 680337137407 27-07-2023
24	Thummanapalli Preethi	19251A05B8	Deloitte	03-10-2023
25	Sathvika Vallala	19251A05B9	Lowe's	18-04-2023
26	Vuppugandla Shravani	19251A05C0	Telstra	28-06-2023
27	Gayathri Adusumilli	19251A05C1	EY India	08-05-2023
28	Afshan Khan	19251A05C2	Providence	04-10-2022

29	Alla Monika	19251A05C3	PWC	16-03-2023
30	Sahithi Athkuri	19251A05C4	PayPal	26-02-2023
31	B Abhinaya	19251A05C5	Micron	07-09-2022
32	Bogi Shreya	19251A05C6	Bank of America	05-10-2023
33	Sruthi Bandi	19251A05C9	Prodapt	05-01-2023
34	Vidya Sree Bandi	19251A05D0	Optum, UHG	07-01-2023
35	Shreya Bashetty	19251A05D1	JPMC	09-03-2023
36	C Sharika Reddy	19251A05D2	Verisk	11-03-2022
37	Rishitha Chakirala	19251A05D3	Deloitte	04-10-2023
38	Sai Charitha Challa	19251A05D4	Infosys	HRD/3T/1001722968/21-22 21-06-2021
39	Pratyusha Cheepu	19251A05D6	Cognizant	ID 24168725 10-01-2023
40	Amulya Dasari	19251A05D7	Deloitte	03-10-2023
41	Harshitha Duggirala	19251A05D8	Deloitte	04-10-2023
42	Damarla Venkata Sai Chandana	19251A05D9	Salesforce	08-02-2023
43	GrMadavedi Soujanyaace Meghna	19251A05E0	Bank of America	09-05-2023
44	Gaddam Sathwika	19251A05E2	Deloitte	24-05-2023
45	Gadireddi Chaitanya Deepti	19251A05E3	Dextara	DX-09-09-239 13-09-2022
46	Goudampally Sai Sindhuja	19251A05E4	Deliveroo	21-09-2022
47	Guda Dharani	19251A05E5	Experian	27-03-2023
48	Sarvagna Gudlavalleti	19251A05E6	Deloitte	29-05-2023
49	Meghana Janagama	19251A05E8	Telstra	28-06-2023
50	Harshitha Kalidindi	19251A05E9	Cognizant	ID 4807628 25-10-2023
51	Swarna Savitri Kamisetti	19251A05F0	Informatica	14-06-2022
52	Kakkireni Meghana	19251A05F1	Prodapt	05-01-2023
53	Lakka Ramyasri	19251A05F4	Optum, UHG	07-01-2023
54	VarshRajoli Lakshmi Krithikaini Manchikatla	19251A05F5	EY India	15-05-2023
55	Madavedi Soujanya	19251A05F6	Bank of America	05-10-2023
56	M Bhavana	19251A05F7	LTI Mindtree	16-01-2023
57	Manaal Ghouse	19251A05F8	EY India	08-05-2023

58	Shivani Maroju	19251A05F9	Bank of America	08-05-2023
59	Harshitha Modali	19251A05G0	Prodapt	05-01-2023
60	Mohini Awadhiya	19251A05G1	Deloitte	14-02-2023
61	Mudavath Saroja	19251A05G2	PWC	26-07-2023
62	Bhavani Nimmala	19251A05G3	Bank of America	24-07-2023
63	Alekhya P	19251A05G4	Optum, UHG	07-01-2023
64	PalleGayathri Vundavellyrla Sai Priya	19251A05G5	CGI	25-11-2022
65	Potu Bhargavi	19251A05G6	Mindtree	05-11-2022
66	Rajoli Lakshmi Krithika	19251A05G7	JPMC	16-03-2023
67	Ramavath Navya	19251A05G8	Accenture	C11979412 26-05-2023
68	Raja Rajeshwari	19251A05G9	Prodapt	05-01-2023
69	Pranathi Srinamam	19251A05H0	Micron	29-09-2022
70	Lekhana Chowdary S	19251A05H1	Torry Harris	29-11-2022
71	Tejaswi Samineni	19251A05H2	Deloitte	04-10-2023
72	Shriya Sripada	19251A05H3	Bank of America	09-05-2023
73	Maha Lakshmi Suraka	19251A05H4	EY India	10-01-2023
74	Pranavi Tatigotla	19251A05H5	Franklin Templeton	19-06-2023
75	Shreya Valgot	19251A05H6	EY India	06-05-2023
76	Gayathri Vundavelly	19251A05H7	Experian	27-03-2023
77	Akshara Reddy	19251A05H8	Berkadia	07-07-2023
78	Kushi Reddy Vuppula	19251A05H9	Deloitte	31-05-2023
79	Vaishnavi Yada	19251A05J0	JPMC	13-03-2023
80	Koppula Soumya	19255A0512	Bank of America	09-05-2023
81	Aditi Chandoju	19D21A0502	Deloitte	15-05-2023
82	Thotla Shivani	20255A0501	State Street	06-12-2022
83	Ashwini Sattu	20255A0502	Accenture	C11887679 04-10-2023
84	Laxmi Prasanna Barenkala	20255A0503	Bank of America	04-11-2022
85	Anisha Ommi	20255A0504	Deloitte	03-10-2023
86	Bommena Shravani	20255A0505	Deloitte	03-10-2023

87	Akhila Athinarapu	20255A0507	Micron	28-09-2022
88	Gali Poojitha	20255A0508	Bank of America	09-05-2023
89	Gangalam Kiranmayee	20255A0509	Micron	16-09-2022
90	Sahithi Reddy	20255A0513	State Street	06-12-2022
91	Chitla Sanjana Raj	20255A0514	PWC	08-12-2022
92	Shalini Kuchana	20255A0515	Mindtree	31-10-2022
93	Jyothika Kunchala	20255A0516	Bank of America	09-05-2023
94	Uppati Devi	20255A0517	Anblicks	09-12-2022
95	Sravya Amancherla	19251A0501	JPMC	13-03-2023
96	Akhila D	19251A0502	Stellantis	12-06-2023
97	Likhitha Reddy Akiti	19251A0503	Dextara	DX-09-09-243 13-09-2022
98	Shivani Reddy	19251A0504	JPMC	10-03-2023
99	Arugunta Sravani	19251A0505	Bank of America	30-09-2022
100	Madhuri Reddy	19251A0506	Viasat	19-05-2023
101	Begari Shailaja	19251A0509	Prodapt	05-01-2023
102	Bindela Tharuni	19251A0510	Micron	10-10-2022
103	Sharon Bitla	19251A0511	Bank of America	09-05-2023
104	Naga Saisriya Chakravarthi	19251A0512	Amazon - AWS	06-07-2023
105	Sai Tejaswini Chepuri	19251A0514	JPMC	13-03-2023
106	Ch Monica Chowdary	19251A0516	Servicenow	20-02-2023
107	Dadi Himaja	19251A0518	Mindtree	28-10-2022
108	Aparna Daripalli	19251A0519	Quantium	12-12-2022
109	Pavani Dondeti	19251A0520	D.E Shaw	25-10-2022
110	Donepudi Sri Vennela	19251A0521	DBS Bank	09-08-2023
111	G Jayanthi	19251A0522	Deloitte	03-10-2023
112	G Meghana	19251A0523	Prodapt	05-01-2023
113	Varshini Gorthi	19251A0524	Amazon - AWS	06-07-2023
114	Gaddam Sushma	19251A0525	Dextara	DX-09-09-244 13-09-2022
115	Gayatri Shastri	19251A0526	JPMC	11-03-2023

116	G Tripthi Reddy	19251A0527	Deloitte	14-02-2023
117	Amulya Jada	19251A0528	Bank of America	05-05-2023
118	Vineela Goud Kethe	19251A0531	Deloitte	04-10-2023
119	Vaishnavi Kora	19251A0532	Bank of America	05-05-2023
120	Arpitha Kothakapu	19251A0533	AT & T	07-12-2022
121	Shravani Kuragayala	19251A0534	Deloitte	04-10-2023
122	Bhavani Medipally	19251A0535	Deloitte	14-05-2023
123	Sharanya Madda	19251A0536	Providence	04-10-2022
124	Nandini Reddy	19251A0537	Servicenow	24-02-2023
125	Akhila Mailaram	19251A0538	Quantium	12-12-2022
126	Manusree Cheruvu	19251A0539	State Street	28-06-2023
127	Methuku Geetha	19251A0540	Optum, UHG	07-01-2023
128	Modem Keerthana	19251A0541	JPMC	14-03-2023
129	Mogudampally Jyothika	19251A0542	Prodapt	05-05-2023
130	Mysolla Gayathri	19251A0543	Deloitte	04-10-2023
131	Sree Bhavani Narayana	19251A0544	Micron	10-10-2022
132	Palakurthy Chandana Reddy	19251A0545	Franklin Templeton	16-06-2023
133	Padala Kavya	19251A0546	State Street	28-06-2023
134	Pagadala Srija	19251A0547	EY India	06-05-2023
135	Palakala Srinidhi	19251A0548	Bank of America	05-05-2023
136	Palaparti Pavani Swetha	19251A0549	Accenture	24-01-2023
137	Bindhu Madhavi P	19251A0550	LTI Mindtree	16-01-2023
138	Shaista Firdouse	19251A0552	Amazon – AWS	06-07-2023
139	Shreya Reddy S	19251A0554	JPMC	14-03-2023
140	Sowmya Sree Anupati	19251A0555	Capgemini	3514266 02-01-2023
141	Suram Rishika	19251A0556	JPMC	14-03-2023
142	Vootukuri Abhignya Reddy	19251A0559	Bank of America	11-05-2023
143	Addagatla Ramya Spoorti	19251A0561	Bank of America	05-10-2023
144	Adluri Hanshika	19251A0562	Bank of America	09-05-2023

145	Lahari Alladi	19251A0563	Micron	06-10-2022
146	Arella Sonalika	19251A0564	Telstra	28-06-2023
147	Arpita Bejugam	19251A0565	JPMC	16-03-2023
148	Aruvanti Sravanthi	19251A0566	Capgemini	3529911 18-12-2022
149	Manasa Bobbili	19251A0568	Micron	13-09-2022
150	Bhavana Reddy Kanthala	19251A0569	Prodapt	05-01-2023
151	Siri Priya	19251A0570	CGI	27-12-2022
152	Dhanya Bodapati	19251A0571	Salesforce	08-02-2023
153	Hasitha Chavva	19251A0572	Deloitte	04-10-2023
154	Sruthi Chukka	19251A0573	Prodapt	05-01-2023
155	Srujana Dadi	19251A0575	Deloitte	04-10-2023
156	Pravalika Reddy Danta	19251A0576	Informatica	15-06-2022
157	Divya Dosapati	19251A0579	Micron	07-09-2022
158	Vandana Elaprolu	19251A0580	JPMC	13-03-2023
159	Deepika Epparapalli	19251A0581	Experian	ID 956756803068 27-07-2023
160	Ganjai Kalathmika	19251A0582	Deloitte	05-10-2023
161	Gokathoti Sivani	19251A0583	Cognizant	05-10-2023
162	Najiyah Hussain	19251A0584	Deloitte	11-09-2023
163	Mounika Jallipalli	19251A0585	Deloitte	04-10-2023
164	Sanjana Priya Jawaji	19251A0587	Deloitte	18-05-2023
165	Rachana Jellella	19251A0588	Deloitte	04-10-2023
166	K Sai Sreelekha	19251A0590	MetLife	07-08-2023
167	Chetna Reddy	19251A0591	Deloitte	04-10-2023

Assessment Year : 2021-22 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Allenki Sai Sreeja	18251A0501	Optum	27-06-2022
2	Amirishetty Pravanya	18251A0502	Deloitte	27-06-2022
3	Ch. Poojitha Reddy	18251A0503	Accenture	C10989750 28-04-2022
4	Ch. Bhargavi	18251A0504	State Street	16-06-2022
5	Sahithi Dhuduri	18251A0505	Vmware	22-06-2022
6	Janvitha Gudala	18251A0506	Capgemini	14-12-6633
7	Gangadari Sushmitha	18251A0507	Novartis	27-06-2022
8	Jakkula Satvika	18251A0508	Bosch	14-05-2022
9	Bhargavi Kalyani	18251A0511	Persistent	Persistent/Campus/1530129/3.0 21-01-2022
10	Eesha Jahnavi	18251A0513	Model N	27-01-2022
11	Sai Shivani Lagisetty	18251A0514	Telstra	22-06-2022
12	Manaswini M	18251A0516	JP Morgan	12-05-2022
13	M Ramya Sai Thanmai	18251A0517	Optum	20-07-2022
14	Muthigari Sathwika	18251A0518	Optum	19-07-2022
15	Narsingu Prasanna Lakshmi	18251A0519	Optum	19-07-2022
16	Nenavath Sowmya	18251A0520	Accenture	C109865572 30-04-2022
17	Podapati Vyoma Harshitha	18251A0521	Deloitte	28-06-2022
18	Harshitha Boddu	18251A0522	PWC	23-03-2022
19	Ramya Sree sai polisetty	18251A0523	JP Morgan	12-05-2022
20	Raksha Naravi Pai	18251A0524	Deloitte	01-08-2022
21	Sarasani Sahaja	18251A0525	BA Continuum	17-03-2022
22	Swetha Pathepuram	18251A0526	Telstra	22-06-2022
23	Pallati Tejasri	18251A0527	JP Morgan	24-05-2022
24	Vangaveeti Sai Manisha	18251A0529	AT&T	05-07-2022
25	Madhuri Veeramreddy	18251A0530	JP Morgan	20-05-2022
26	Praneetha Alugottu	18251A0531	Accenture	C10965577 05-03-2022
27	Asritha Reddy	18251A0532	JP Morgan	20-05-2022
28	Chanpreet Kaur Chawla	18251A0533	Misplaced Minds	DL/HR/OL/102022/0041 10-10-2022

29	Chirumala Nikhitha	18251A0534	PWC	23-03-2022
30	Srividya Enugurthi	18251A0535	TCS	TCSL/CT20213707465/Hyderabad 10-11-2021
31	Charitha Gajula	18251A0536	ADP	13-06-2022
32	Irukulla Shivani	18251A0537	Arcesium	25-04-2022
33	Muppa Madhuri	18251A0538	Zenoti	16-08-2022
34	Koluguri Ruchitha Reddy	18251A0539	Deloitte	20-12-2021
35	Datha Vaishnavi Kondur	18251A0540	Accenture	C10965766 22-04-2022
36	Chandana Kondaveeti	18251A0542	JP Morgan	13-05-2022
37	Aishwarya Koppula	18251A0543	Carrier	22-11-2021
38	Himaaditi Lethakula	18251A0544	Accenture	C10966532 30-04-2022
39	Meghana Meda	18251A0546	Service now	18-06-2022
40	M Sri Venkata Lakshmi Sasirekha	18251A0547	FlipKart	13-05-2022
41	Godha Nukala	18251A0548	Novartis	346787BR 22-08-2022
42	Sree Sindhooja Pendyala	18251A0550	PWC	22-03-2022
43	Vyshnavi Pabba	18251A0551	JP Morgan	12-05-2022
44	Rishitha Pendyala	18251A0552	JP Morgan	12-05-2022
45	RajaRapu Christina	18251A0553	Optum	26-07-2022
46	Rasthapuram Mounika	18251A0554	Wipro	17-01-2022
47	T Aarthika	18251A0556	Deloitte	27-04-2022
48	Undru Sharmila	18251A0557	Accenture	C10965575 30-04-2022
49	Valloju Vasantha	18251A0558	Optum	24-07-2022
50	Shravani Varthya	18251A0559	Telstra	23-06-2022
51	Priya Amrutha Yeluri	18251A0560	thoughtworks	07-06-2022
52	Aakifah Batool	18251A0561	Amazon	07-07-2022
53	Sri Harshitha	18251A0562	JP Morgan	24-05-2022
54	Anugu Rishika Reddy	18251A0563	JP Morgan	12-05-2022
55	Badini Swetha	18251A0564	PWC	04-04-2022
56	Chelle Avyakta	18251A0565	Yellow.ai	24-06-2022
57	Asmitha Garlapati	18251A0566	Telstra	22-06-2022

58	Dharamsoth Pooja Sena	18251A0567	Wipro	22-01-2022
59	Pushpanjali Divi	18251A0568	JP Morgan	24-05-2022
60	Gaddam Anoohya	18251A0569	Accenture	C10965578 30-04-2022
61	Gorichitti Jayasree	18251A0571	State Street	15-06-2022
62	Sushma Janamanchi	18251A0572	IHS Markit	15-09-2021
63	Vinisha Konkala	18251A0574	Micron	10-03-2022
64	Kandukuri Likhitha	18251A0575	Novartis	346791BR 22-08-2022
65	Simritha Mudireshi	18251A0576	Service now	27-06-2022
66	Maddipati Sri Vidya	18251A0577	Amazon	05-07-2022
67	Dereddy Mrunalini	18251A0578	Novartis	346792BR 22-08-2022
68	Nenavath Anjali	18251A0579	Capgemini	24-11-5879
69	Pitchuka Sri Varshika	18251A0580	Accenture	C10965580 30-04-2022
70	Sai Prasanna Laxmi	18251A0582	Twilio	28-07-2021
71	Nikitha Aleti	18251A0583	JP Morgan	13-05-2022
72	SiddaReddy Gari Teja Reddy	18251A0584	Zenoti	28-10-2022
73	Manasa Sadhu	18251A0585	Telstra	21-06-2022
74	Niharika Shatharajupally	18251A0586	Telstra	24-06-2022
75	Syeda Tahmeena Kousar	18251A0587	PWC	23-03-2022
76	Bhuvaneshwari Tokapur	18251A0588	DXC	05-12-2022
77	Tudi Amara	18251A0589	Accenture	C10965581 30-04-2022
78	V. Sai Priya	18251A0590	Accenture	C10989752 28-04-2022
79	Adepu Tejaswi	18251A0591	Deloitte	16-05-2022
80	Navya Annika	18251A0592	Capgemini	17-11-6002
81	Srujana Anumula	18251A0593	Micron	09-03-2022
82	Nainisha Bhallamudi	18251A0594	service now	28-06-2022
83	D. Raga Meghana	18251A0596	Legato	15-06-2022
84	Tirzah Dirisam	18251A0597	Accenture	C10973855 30-04-2022
85	Shubhankari Thakral	18251A0598	JP Morgan	19-01-2022
86	Govindinne Chaitanya	18251A0599	Optum	20-07-2022

87	Ganta Srindhi	18251A05A0	Deloitte	07-05-2022
88	Anusha Gazada	18251A05A1	TCS	TCSL/CT20203306177/Hyderabad 10-11-2021
89	Janagama Ushasini	18251A05A2	State Street	10-06-2022
90	Dharmika Katukoori	18251A05A3	S&P Global	11-04-2022
91	Rajyalakshmi Kanchoju	18251A05A4	HARMAN	07-02-2022
92	Mansi Anantpur Guggilla	18251A05A7	JP Morgan	12-05-2022
93	Nagasamudram Manaswini	18251A05A8	Deloitte	17-05-2022
94	Asma Patan	18251A05A9	Micron	08-03-2022
95	Ringu Naga Siromani	18251A05B2	PWC	23-03-2022
96	Samhitha Kuchibhatla	18251A05B4	JP Morgan	12-05-2022
97	Shankiri Chelsy	18251A05B5	Deloitte	27-04-2022
98	Sooram Manasa	18251A05B6	Cognizant	ID 19782699 23-04-2022
99	Taqiya Yousuf Meer	18251A05B7	Accenture	C10989755 28-04-2022
100	Thanusha Panchati	18251A05B8	JP Morgan	12-05-2022
101	Yeluguri Sai Santhoshi	18251A05C0	Deloitte	14-05-2022
102	A. Sree Meghana	18251A05C1	FlipKart	13-05-2022
103	Arcot Supriya	18251A05C2	Optum	20-07-2022
104	Banavath Sneha	18251A05C3	Ford	ID 4296539 21-03-2022
105	Bashetty Srija	18251A05C4	JP Morgan	12-05-2022
106	Sowjanya Boorla	18251A05C5	Amazon	11-07-2022
107	Himaja Chinnam	18251A05C6	Informatica	22-06-2022
108	Sri Lahari Dwadasi	18251A05C7	Novartis	346786BR 22-08-2022
109	Shriya G	18251A05C8	NCR	06-06-2022
110	Ifrah Fatima	18251A05C9	Twilio	06-04-2022
111	Akanksha Karnati	18251A05D0	Zenoti	11-03-2022
112	Kudaravalli Ravali	18251A05D1	Optum	28-06-2022
113	Sanjana Marri	18251A05D2	Accenture	C10965582 30-04-2022
114	Manne Reshma	18251A05D3	JP Morgan	12-05-2022
115	Mathe Jyothi	18251A05D4	Mindtree	12-04-2022

116	Mekala Ankitha Reddy	18251A05D5	JP Morgan	12-05-2022
117	Sai Sudha Bhagavatula	18251A05D6	Micron	10-03-2022
118	Nomula Shraddha	18251A05D8	Deloitte	01-08-2022
119	Padigel War Vaishnavi	18251A05D9	Medtronic	546637 08-08-2022
120	Perika Vaishnavi	18251A05E0	Optum	20-07-2022
121	Divyanjali Sirigiri	18251A05E1	Franklin Templeton	13-07-2022
122	Srilekha Sambaraju	18251A05E2	Accenture	C10989754 28-04-2022
123	Sri Priya Sathpute	18251A05E3	TCS	TCSL/CT20213707030/Hyderabad 10-11-2021
124	Sirra Sneha	18251A05E4	Mindtree	12-04-2022
125	Sunkara Shwetha	18251A05E5	Optum	28-06-2022
126	Shubhasri Vanam	18251A05E7	JP Morgan	24-05-2022
127	G Simritha Reddy	18251A05E9	Novartis	346785BR 22-08-2022
128	Yerasani Nanditha	18251A05F0	Deloitte	25-08-2022
129	Samhitha Aakiti	18251A05F1	AT&T	16-06-2022
130	Shivani Reddy	18251A05F2	Accenture	C10965635 21-04-2022
131	Harika Dwarakacharla	18251A05F6	Deloitte	08-12-2021
132	Dindi Divya	18251A05F7	JP Morgan	13-05-2022
133	Ikkurthi Keertana	18251A05F9	FlipKart	13-05-2022
134	Shriya k	18251A05G0	Accenture	C10965767 30-04-2022
135	Lekkala Sahithi	18251A05G1	Accenture	C10966468 30-04-2022
136	Amulya Mamidala	18251A05G2	JP Morgan	16-05-2022
137	MD. Afreen	18251A05G4	Cognizant	ID 19761897 23-04-2022
138	Mikkilineni Aarthi	18251A05G5	JP Morgan	12-05-2022
139	Swetha Mudiga	18251A05G6	JP Morgan	16-05-2022
140	Manvitha Nekkanti	18251A05G7	Accenture	C10965769 30-04-2022
141	Nalla Saisri	18251A05G8	epam	07-04-2022
142	Chandana Patnala	18251A05G9	Vmware	14-06-2022
143	Ruthika Siddineni	18251A05H1	S&P Global	11-04-2022
144	Sana Samad	18251A05H2	Accenture	C10973856 30-04-2022

145	Shafaqath Fatima	18251A05H3	Micron	30-12-2021
146	Sravani Kaligotla	18251A05H4	Amazon	13-07-2022
147	Tadakamadla Sanjana	18251A05H5	Adobe	22-06-2022
148	Vadugula Anudeepa	18251A05H7	Informatica	29-06-2022
149	Alekhya Vanga	18251A05H8	Vmware	10-03-2022
150	Gouthami Vootla	18251A05H9	Servicenow	25-06-2022
151	Tejashwini Yelmati	18251A05J0	Accenture	C10965585 30-04-2022
152	Geddhada Akhila	18D21A0516	PWC	23-03-2022
153	Preethi Challa	18VE1A05C8	Micron	C10989763 30-04-2022
154	Sruthi Gopi	19255A0501	PWC	27-01-2022
155	Chepuri Akhila	19255A0502	Accenture	C1098963 30-04-2022
156	Suma Rapaka	19255A0503	JP Morgan	12-05-2022
157	Brundavanam Vijaya Lakshmi	19255A0504	Qualcomm	30-06-222
158	Kokkonda Ranee Prathyusha	19255A0505	Ford	ID 4296521 21-03-2022
159	Rajahamsa Durgam	19255A0506	Cloud 4C	15-03-2022
160	Dhanikonda Vaishnavi	19255A0507	Optum	01-08-2022
161	Amgoth Jyothi	19255A0508	Innominds	29-03-2022
162	Goda Preethireddy	19255A0509	PWC	23-03-2022
163	Kadhunoori Aparna	19255A0510	Cognizant	ID 19763413 10-04-2022
164	Shaik Naseema	19255A0511	Wipro	09-05-2022
165	Thadla S Keerthika	19255A0513	Zscaler	12-08-2022
166	Avusharla Geetanjali	19255A0514	Accenture	C10989762 28-04-2022
167	Jonnalagadda Chaitanya	19255A0515	Cloud 4C	30-12-2021
168	Ejjigiri Niharika	19255A0516	PWC	23-03-2022
169	Akhila Palasa	19255A0517	Wipro	24-01-2022

Assessment Year : 2020-21 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Aamuktha Aukunooru	17251A0501	Zenoti	20-01-2021
2	Banavath Shivani	17251A0502	Accenture	C9788973 20/07/2021
3	Javali Bathula	17251A0503	Airtel	06-06-2021
4	Bhavana P	17251A0504	TCS	TCSL/DT202065637 11/01/2021
5	SaiManasa Deepya Chakka	17251A0505	persistent	Persistent/Campus/1209649/3.0 21/06/2021
6	GaliHarshitha	17251A0507	Micron	03-12-2020
7	Gayatri Varma Penmetsa	17251A0508	NTT DATA	04-08-2021
8	K.M Mubeena	17251A0510	Mindtree	07-07-2021
9	Sindhu Kadapathri	17251A0511	GEP	06-02-2021
10	Kanchana palliShloka	17251A0512	Accenture	C9339305 27/03/2021
11	Naga Jyothi Kanikanti	17251A0513	JPMC	10-06-2021
12	Kethireddyakhila Reddy	17251A0514	JPMC	11-06-2021
13	Jhanavi Kollengode	17251A0515	Servicenow	28-04-2021
14	Saipavani konduri	17251A0516	Soc Gen	SG17532 29/03/2021
15	BhavaniLenkala	17251A0518	JPMC	10-06-2021
16	Manogna Narayanam	17251A0520	GEP	06-02-2021
17	Hansika Meedimale	17251A0521	Accenture	C9746239 12/07/2021
18	Likitha Muttampeth	17251A0522	FORD	47733BR 30/07/2021
19	Pittala Soumya	17251A0523	Accenture	C9363368 03/04/2021
20	PriyaLekha Guda	17251A0524	Deloitte	06-08-2021
21	PriyankaKarnati	17251A0525	Infosys	HRD/3T/1001722967/21-22 21/06/2021
22	PutluruKaruna Sri	17251A0526	ADP	16-03-2021
23	SardarniAmardeepkaur	17251A0527	Accenture	C9862832 05/08/2021
24	Varsha Undety	17251A0529	Accenture	C9319882 23/03/2021
25	vallala saivishwaja	17251A0530	Accenture	C9319874 23/03/2021
26	Afraah Shaik	17251A0531	JPMC	10-06-2021
27	Akanksha Srikanth	17251A0532	Amazon	23-08-2021
28	Alluri Sneha	17251A0533	Fis	18-08-2021

29	Amulya Tummuru	17251A0534	Accenture	C9319877 23/03/2021
30	Rashmika Anumula	17251A0535	HSBC	26-06-2021
31	Shravani Athkuri	17251A0536	Novartis	319190BR 23/08/2021
32	Bheemisetty Anisha	17251A0537	TCS	TCSL/DT20206739103 11/01/2021
33	Cheekati Jhansi	17251A0538	Infosys	HRD/3T/1001728283/21-22 21/06/2021
34	Sravani Gona	17251A0539	Servicenow	16-04-2021
35	Navya Inturi	17251A0540	Novartis	2021 /321219BR 29/06/2021
36	Shruthi Kusuma	17251A0541	TCS	TCSL/DT20206555039 12/01/2021
37	K Venkata Srihitha	17251A0542	Accenture	C9319875 23/03/2021
38	Prathyusha Kundavaram	17251A0543	Servicenow	29-04-2021
39	Adithi Macherla	17251A0545	Accenture	C9319878 23/03/2021
40	Sunitha Mallipudi	17251A0546	TCS	TCSL/CT20203471928 11/01/2021
41	Mary Satya Shree	17251A0547	Accenture	C9401242 15/04/2021
42	JigeeshaRenjarla	17251A0550	Infosys	HRD/1001723854/21-22 21/06/2021
43	Saba Fatima S	17251A0551	Accenture	C9319890 25/03/2021
44	Sarella Gnana Jyothi	17251A0552	Servicenow	29-04-2021
45	Satvika Eda	17251A0553	JPMC	13-06-2021
46	Sravya Cherukupally	17251A0554	Microsoft	23-08-2021
47	Srishti Mathur	17251A0555	Unschool	27-12-2020
48	Sushmitha Tirumalla	17251A0557	Salesforce	26-04-2021
49	V L S Shravya Vadali	17251A0558	Servicenow	29-04-2021
50	Veda Vanjari	17251A0559	Servicenow	23-04-2021
51	Yadugani Sri Divya	17251A0560	Deloitte	06-08-2021
52	Jyothi Banoth	17251A0563	TCS	TCSL/DT202066744780 11/01/2021
53	Chindam Priyanka	17251A0565	Accenture	C9319886 23/03/2021
54	sushma dara	17251A0566	cognizant	16756898 23/09/2021
55	Vineela Devanga Ampabathini	17251A0567	Accenture	C9395566 13/04/2021
56	Akshitha Reddy Gade	17251A0569	Accenture	C9319889 23/03/2021
57	Sridevi Gatiganti	17251A0570	VISA	09-04-2021

58	Srilekha Gopanaboina	17251A0571	Accenture	C9319892 23/03/2021
59	Sravanthi Karumanchi	17251A0573	Mindtree	19-06-2021
60	Namitha Konda	17251A0574	JPMC	10-06-2021
61	Ramadevi Lingannagari	17251A0575	Micron	29-10-2020
62	Manasvi Tallapalli	17251A0576	STOCK Views	04-04-2021
63	Manepally Sai Shravani	17251A0577	SocGen	SG17789 31/03/2021
64	Gnaneshwari Mangilipelli	17251A0578	NTTData	14-03-2021
65	Dheera Basava Siri Mareddy	17251A0579	Accenture	C9319887 23/03/2021
66	Akhila Marupaka	17251A0580	Accenture	C9546104 25/05/2021
67	Sirisha Mattaparthi	17251A0581	Zenoti	20-01-2021
68	Lakshmi Manasa Navuduri	17251A0582	JPMC	10-06-2021
69	Dhatri Reddy Peddolla	17251A0583	Accenture	C9319884 23/03/2021
70	Sowmya Reddy Sandhi	17251A0585	Accenture	C9319885 23/03/2021
71	Aditi Saripalli	17251A0586	Deloitte	09-09-2021
72	Sindhuja Nadgoud	17251A0587	JPMC	11-06-2021
73	Veda Bandikallu	17251A0588	JPMC	10-06-2021
74	Yaramada Akshara	17251A0589	JPMC	05-01-2021
75	Yaramala Sangeetha	17251A0590	Zenoti	20-01-2021
76	Indraja Adepu	17251A0591	Accenture	C9319891 23/03/2021
77	Akshitha Reddy Golamari	17251A0592	L&T TS	LTTS-Mysore/HR/339528 24/09/2021
78	Anjali Rao	17251A0593	Micron	11-08-2021
79	Avi Jain	17251A0594	JPMC	05-01-2021
80	Laya Bathula	17251A0595	BOA	27-08-2021
81	Srilekha Rathod Bhukya	17251A0596	Unisys	02-08-2021
82	Sahithi Dadannagari	17251A0597	Zenoti	20-01-2021
83	Divya G	17251A0599	TCS	TCSL/DT20206547497 11/01/2021
84	Ganta Srilekha	17251A05A0	Infosys	HRD/3T/1002402309/21-22 20/09/2021
85	Gurram Krishna Priya	17251A05A1	Servicenow	16-04-2021
86	Gayathri Jaddu	17251A05A2	JPMC	10-06-2021

87	Ruhika Reddy Konduru	17251A05A3	Accenture	C9319894 23/03/2021
88	Niharika Kumkuma	17251A05A4	Accenture	C9746262 12/07/2021
89	Namratha Kurapati	17251A05A5	Infosys	HRD/3T/1001716577/21-22 22/10/2021
90	Maddineni Navyasree	17251A05A7	SocGen	12-07-2021
91	SaiNaimisha Malka	17251A05A8	Accenture	C9363369 03/04/2021
92	Sujitha Meriga	17251A05A9	Zenoti	16-08-2021
93	Mukka Dheekshitha	17251A05B0	Twilio	20-01-2021
94	SushmaMuthineni	17251A05B1	Accenture	C9319900 23/03/2021
95	Vidyavathi Puli	17251A05B2	Accenture	C9319895 23/03/2021
96	R Sri Laxmi Ragini	17251A05B3	Thought Works	16-06-2021
97	Repakula Mounika	17251A05B4	Deloitte	27-08-2021
98	Chandana Reddy Sama	17251A05B5	Novartis	321214BR 23/08/2021
99	Shruthi Munjam	17251A05B6	CGI	04-08-2021
100	Sneha Reddy Kancherla	17251A05B7	Zenoti	20-01-2021
101	Vaishnavi Babers	17251A05B9	Servicenow	23-06-2021
102	Yanamadala Kousalya	17251A05C0	Accenture	C9319898 23/03/2021
103	Adeeba Fatima	17251A05C1	Carrier	01-07-2021
104	Bhavana Alla	17251A05C2	Hexagon	24-06-2021
105	Alladi Sriya	17251A05C3	TCS Digital	TCSL/DT20206527928 31/10/2020
106	Rishika Appala	17251A05C4	Accenture	C9319896 23/03/2021
107	Bhavya Singh	17251A05C6	Servicenow	29-04-2021
108	Duddilla Vaishnavi	17251A05C8	Micron	21-12-2020
109	Srihitha Gandyadapu	17251A05C9	JPMC	11-06-2021
110	GollapalliLakshmi Sai Sree	17251A05D0	Zenoti	20-01-2021
111	Roohi Gopidi	17251A05D1	Servicenow	29-04-2021
112	Sampurna Gunthadodi	17251A05D2	Accenture	C9319899 23/03/2021
113	Srujana Gunturi	17251A05D3	Infosys	HRD/3T/1001726820/21-22 21/06/2021
114	Sravani K.N.	17251A05D4	Accenture	C9329467 25/03/2021
115	Sreeja Kalvala	17251A05D5	GEP	06-02-2021

116	Niharika Kamatam	17251A05D6	TCS	TCSL/CT20203253438 11/01/2021
117	Jyothirmayee Kankanala	17251A05D7	Factset	09-06-2021
118	Shreya Reddy Mulkalla	17251A05E0	capgemini	646268
119	Sreevidya Makkapati	17251A05E6	Zenoti	16-08-2021
120	Sharadi Tirupati	17251A05E8	Accenture	C10116433 15/09/2021
121	Akshita Veerannagari	17251A05E9	Servicenow	28-04-2021
122	Bhavana Velishetty	17251A05F0	Accenture	C9319897 23/03/2021
123	Afia Simeen	17251A05F1	Accenture	C9760597 14/07/2021
124	Navya A	17251A05F2	Legato	10-09-2021
125	Alekhya Chamanchula	17251A05F5	Zenoti	16-08-2021
126	VenkataSriApurva Dasari	17251A05F6	JPMC	10-06-2021
127	Divya Yasa	17251A05F7	Accenture	C9730200 07/07/2021
128	Snehitha Domakuntla	17251A05F8	State Street	14-06-2021
129	VarshiniGande	17251A05F9	Unschool	27-12-2020
130	Chandana Kamasani	17251A05G0	epam	16-04-2021
131	Sanjana Kandimalla	17251A05G1	GoldmanSchas	11-01-2021
132	Priyanka Konka	17251A05G4	ADP	04-03-2021
133	VaishnaviMantha	17251A05G6	Infosys	HRD/3T/1002213606/21-22 14/08/2021
134	Meghna Reddy	17251A05G7	IHSMarkit	17-03-2021
135	MudunuriTripura Devi	17251A05G8	TCS	TCSL/CT20203112176 11/01/2021
136	Samhitha Muriki	17251A05G9	TCS	TCSL/CT20206528070 11/01/2021
137	Kalyani Nandhipati	17251A05H0	BOA	13-08-2021
138	Keerthana Narisetty	17251A05H1	Unisys	02-08-2021
139	Vyshnavi Nunna	17251A05H2	Accenture	C9329420 25/03/2021
140	Spandana Pabba	17251A05H3	Zenoti	20-01-2021
141	Parkhi Niharika	17251A05H4	JPMC	12-06-2021
142	Sakila Peddi	17251A05H5	JPMC	11-06-2021
143	Rashmitha Proddaturi	17251A05H7	Servicenow	28-04-2021
144	Qhudsia Jahan	17251A05H8	Unisys	02-08-2021

145	SaiUsha Ravuri	17251A05H9	Servicenow	28-04-2021
146	Aalla Sonika	176C1A0502	L&T TS	LTTS-Mysore/HR/339376 25/09/2021
147	Harika Kolli	17D21A0534	TCS	TCSL/CT20203478028 11/01/2021
148	InduriVeda sri	17RG1A0522	Accenture	C9401243 15/04/2021
149	Siri Priya Bomma	18255A0503	Persistent	Persistent/Campus/1210750/3.0 14/06/2021
150	B.A. Shivani	18255A0505	L&T TS	LTTS-Mysore/HR/339395 25/09/2021
151	Swapna Koutam	18255A0507	Accenture	C9746137 12/07/2021
152	Lalitha Sree Damarla	18255A0508	Unisys	24-09-2021
153	JahnaviLedalla	18255A0513	Accenture	C9329421 25/03/2021
154	shreya jala	18255A0514	CGI	04-08-2021
155	Malakapuram Sai Prasanna	18255A0515	abjayon	05-10-2021
156	Keerthana Kondabathini	18255A0516	Unisys	23-06-2021
157	Ravali Ramagoni	18255A0518	Wipro	21-09-2021
158	Surapally Uma	18255A0520	L&T TS	LTTS/HR/PT/2021-22/185 15/08/2021
159	Pothabatini Bhavana	18255A0522	CDKGlobal	07-06-2021
160	Chinthkoti Shruthi	18255A0525	Persistant	Persistent/Campus/1209836/3.0 17/06/2021
161	Mahernisha Shaik	18255A0526	Legato	10-09-2021
162	KistareddygariSreelatha	18255A0527	Mind tree	24-06-2021
163	Medi Pranathi	18255A0529	L&T TS	LTTS/HR/PT/2021-22/190 15/08/2021
164	M Nandini	18255A0530	Accenture	C10217144 06/10/2021
165	VasarajuSaiprasanna	18255A0531	Deloitte	27-08-2021
166	Manasa Pedaprolu	18255A0532	Accenture	C9746167 12/07/2021
167	Poosa Anusha	18255A0533	L&T TS	LTTS-Mysore/HR/339366 24/09/2021

4.5 Professional Activities (20) Total Marks 20.00

4.5.1 Professional societies/chapters and organizing engineering events (5)

Institute Marks : 5.00

A. Availability & activities of professional societies/chapters (3)

Relevant details Professional Society/Chapters

- The Computer Science & Engineering department is dedicated to organizing high-quality events for the student's benefit. These events are carefully planned across various levels—Institute, State, National, and International—to cater to students from all batches.
- We ensure the participation of distinguished professionals, including eminent speakers, renowned software developers, and esteemed university academicians. Their sessions aim to disseminate both fundamental knowledge and cutting-edge advancements in the field, fostering a culture of knowledge sharing among students.
- Each event revolves around the latest IT trends, providing students with exposure to new and relevant content in Computer Science and Technology. Additionally, we actively encourage budding scientists and programmers through various tech contests and competitions, nurturing their talents and driving innovation within the community.

The following are Society/Chapters

1. CSI Students Chapter
2. Indian Society of Technical Education (ISTE)
3. Institute of Electrical Electronics (IEEE)
4. ACM students Chapter
5. Institute of Engineers India (IEI)

Computer Society of India (CSI)

- The Computer Society of India is a non-profit professional meet to exchange views and information learn and share ideas. The Society functions under the guidance of an Executive Committee.
- The Society also encourages and assists professionals to maintain integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the **Chapters and Student Branches**, the Society also conducts periodic, seminars.
- **It was established in the year 2004.** Under CSI, CSE department regularly organizes workshops, seminars, main project, mini project, and hobby project exhibition; blind coding, paper presentations skill Test, Java skill Test etc., and technical talks for the benefit of professionals and conducting continuing education and professional development programmes for students.
- Computer Society of India Student Branch Chapter was established under **CSE** department in the year **2004**.The advisory board of CSI student chapter are **Dr.A. Sharada**,**HOD CSE** with SBC Mrs. R. Mamatha and Faculty coordinator Mrs.M. Anusha.

The Indian Society for Technical Education

(ISTE)

- The Indian society for technical education **(ISTE)** is the leading national professional non-profit making society for the technical education system, in our country with the motto of career development of teachers and personality development of students and overall development of our technical education system**.**
- **It was established in the year 2003.** Under ISTE, CSE department conducts various events like paper presentations, poster presentations, technical quiz etc. to update the knowledge and skills for students in their fields of activity, to become top quality professional engineers and technicians needed by the industry and other organization.

IEEE Students Chapter

IEEE Student branch of G. Narayanamma Institute of Technology and Science (GNITS) was established in 2018 and has been a great platform for students to learn, network, and grow in their respective fields. Student Branch ID: GNITS STB 64991

Chapters of IEEE SB GNITS:

1. Women in Engineering (WiE) Affinity Group
2. Industrial Electronics Society (IES) Chapter
3. SENSORS Council
4. Power Electronics Society (PELS) Chapter

- IEEE SB of G. Narayanamma Institute of Technology and Science (GNITS) governed by its EXCOM members is a student chapter of IEEE that provides a platform for students to learn, network, and grow in their respective fields.
- The chapter organizes various activities such as guest lectures, workshops, hackathons, and competitions that help students develop their technical and soft skills. One of the many competitions organized by IEEE SB of GNITS is VIDYOUTH, an annual event that encourages students to showcase their skills and knowledge in various competitions.
- The event includes an Olympiad, paper and poster presentation contests. In 2023, over 250 students participated in the event, making it a grand success. The Student Branch has also hosted guest speakers such as Anuradha Vattem from Smart City Labs at IIIT-H and P Bala Prasad (Chief Innovation Officer at TCS), who shared their knowledge and experiences with the students. The students have also been given a unique platform to enhance their technical skills by providing them with the opportunity to participate in global hackathons such as IEEE Xtreme, a 24-hour global coding contest. The SB has also undertaken various humanitarian activities and has helped students get acquainted students to the industry by organising various industrial visits to organisations like Airports Authority of India (AAI), Hyderabad and International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI).

Table No 4.5.1.1 - Consolidated Count of Events Organized Under Professional Chapters

Academic Year	No of Events Organized
2023-24 (CAY)	07
2022-23 (CAYm1)	14
2021-22 (CAYm2)	15
2020-21 (CAYm3)	14

B. Number, quality of engineering events (organized at institute) (2)

Table No 4.5.1.2 : Summary of events organized at Institute

Academic Year	Institute	State	National / International
2023-24 (CAY)	5	1	1
2022-23 (CAY m1)	6	1	7
2021-22 (CAY m2)	6	1	8
2020-21 (CAY m3)	3	1	10

Computer Society of India (CSI)

AY 2023-24:

Table No 4.5.1.3 – Details of events organized under CSI

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/ consultants involved with contact details (if any)	Organized at Institute / State / National
1	Project based experimential learning program using AI/ML	26-02-24 to 28-02-24 And 18-03-24 to 20-03-24	123	Smart Bridge Pvt.Ltd., Hyderabad.	Institute

2	Pre conference workshop on Cyber Security threats	14-12-2023	98	Mr.Santhosh, Founder & CEO ,Supraja Technologies	International
3	G20 Program on "Cyber Suraksha" at Bhongiri	01-08-2023	107	In collaboration with CSI Hyderabad chapter, Mr.G,Srinivas	State
4	Guest Lecture on "Carrer oppurtunities on data Science"	11-08-2023	115	Mr.P.Mohan, Senior data scientist, Tech Mahindra Hyderabad.	Institute
5	Guest Lecture on"CareerOppurtunities on Data Science: Industry Project Based Learning in ML and Data Science"	11-08-2023	115	Mr.P.Mohan, Senior data scientist, Tech Mahindra Hyderabad.	Institute
6	Guest Lecture on "Unity Essentials"	19-10-2023	73	Professor Anupama Ingala, CEO, Cymax Infortainment Pvt.Ltd	Institute

7	3-Day boot camp on mobile App Development using Kotlin	18/12/2023 to 20/12/2023	80	Renuka Venkata Ramani Challa, Mr. Viswanath Kumar Sandu Director & Co-founder of Improve10x	Institute

A Y 2022-23 :

Table No 4.5.1.4 – Details of events organized under CSI

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies / consultants involved with contact details (if any)	Organized at Institute / State / National
1	Drone Workshop	08/05/2023 to 10/05/2023	123	EDUQUIS TECHNOLOGY LLP	Institute
2	One day Boot camp on Big data Analytics	28-04-2023	62	Tech Mahindra,Data Scientist, Mr.P.Mohan	State
3	Exciting Career Opportunities after Engineering.	13-04-2023	90	EducateNXT, Gopinath Purala, Head-Institutional Alliances, Phone No: 7794931347	Institute

4	Bootcamp on Cyber Security	24/03/2023 to 25/03/2023	86	Indian Servers Pvt.Ltd, Mr. Dhamaraju Sai Satish, CEO, Indian Servers, Phone No: 9618222220	Institute
5	Bootcamp on Augmented Reality	3/01/2023 to 4/01/2023	89	Deep Loops Pvt.LtdMr.Surya Tej, Phone No:8143418505	Institute
6	Session on “Data Science in Organizations-Practical Considerations	17-09-2022	106	Ms.Amulya Sree, Senior Analyst,HSBC, Phone No:9966689216	Institute
7	Workshop on “Amazon Web Services”	22/08/2022 to 27/08/2022	40	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions Pvt. Ltd, Phone No:9502935039	Institute

A.Y 2021-22

Table No 4.5.1.5 – Details of events organized under CSI

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies / consultants involved with contact details (if any)	Organized at Institute / State / National

1	Guest Lecture on Predictive Data Analytics	02-06-2022	24	Dr.S.Ravi Kumar Raju, Indo-French center for Promotion of Advaced Research Phone:996662344	Institute
2	Demo session on Virtual reality	11-04-2022	58	Ms.Anupama, Cymax Infotainment Pvt.Ltd.Phone: 9159421657	Institute
3	A Handson session on AWS Introduction	20-11-2021	47	Mr. Anil Kumar Kasukarthi, AWS Specialist, Leo Force A.I. Inc Phone: 8978833992	Institute
4	Guest Lecture on Introduction to Machine Learning	13-11-2021	296	Mr. Dileep Kumar, Data Science Architect at Intrinsic Science Lab Phone: 8978833992	Institute
5	A Session on Research Innovation and Incubation	16-09-2021	70	Mr. Suresh Kadari, CEO, Cedura Testsol PVT LTD. Phone: 7093600949	Institute
6	Value added course on MERN stack Application Developmenmt	23-03-2022 to 06-04-2022	70	Mrs.Sruthi Vaja, Braian O Vision	Institute

7	Coding Contest (Hackathon)	28-10-2021	40	CSE Department GNITS	State
8	Online one-week International workshop on Java Programming and Android Applications	20-09-2021 to 25-09-2021	101	Mr. Prashanth and Mr. Madhukumar, Industry Expert,Brain O Vision PVT LTD Phone:9502935039	International

A.Y 2020-21:

Table No 4.5.1.6 – Details of events organized under CSI

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/ consultants involved with contact details (if any)	Organized at Institute / State / National
1	Online workshop on Web Appliction using FLASK	24-07-2021	66	Mr. Srinivas Battula, Sr Software Engineer, Wipro.Phine: 040-61427999	Institute
2	Online workshop on Web development using Django	17-07-2021	63	Mr. Bala Maheshwar Dundigalla, Brain O Vision Solutions PVT LTD Phone:9502935039	Institute

3	Online one-week National Level Workshop on React JS .	05-07-2021 to 10-07-2021	67	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions PVT LTD Phone:9502935039	National
4	Online webinar on Information Security Awareness Training	06-04-2021	103	Mr. Velichiti Krishna Chaithanya, Sr Information Security Consultant.Phone: 9000810043	State
5	Workshop on Docker-Empowering Development (Hackathon)	09-01-2021	110	Mr. Dr Dileep Ramesh Kumar, CEO, Intrinsic Science Lab, Mr. Srinivas Swaroop.Phone: 8978833992	Institute

Glimpses of CSI Student Chapter:

3 DAY BOOTCAMP
18, 19 & 20 AUGUST 2019
DATA ENGINEERING
ARTIFICIAL INTELLIGENCE
GPS Map Camera
Hyderabad, Telangana, India

ISTE Students Chapter (National Level)

Table No 4.5.1.8 : Summary of IGNIUM Techfest Conducted during the last 5 Academic Years

Academic Year	Technical Fest	Number of events
2022-23(CAY m1)	IGNIUM 2K22 Silver Jubilee Celebrations	2
2021-22 (CAY m2)	IGNIUM 2K22	4
2020-21 (CAY m3)	IGNIUM 2K21	6

A.Y 2022-23

Table No 4.5.1.9 : Events organized under ISTE

Sl. No.	Techfest	Date	Name of the event	No. of Participants
1	IGNIUM 2K22 (Silver Jubilee Celebrations)	26-11-2022	Paper Presentation	13
			Poster Presentation	18

A.Y2021-22:

Table No 4.5.1.10 : Events organized under ISTE

Sl. No.	Techfest	Date	Name of the event	No. of Participants
1	IGNIUM 2K22	18/06/2022	Paper Presentation	21
			Poster Presentation	15
			Escape Rooms	57
			Techwiz	50

A Y 2020-21:

Table No 4.5.1.11 : Events organized under ISTE

Sl. No.	Techfest	Date	Name of the event	No. of Participants
1	IGNIUM 2K20	10-06-2021	Paper Presentation	34
			Poster Presentation	44
			Hackathon	23
			Escape Rooms	23
			Line It Up	44
			Ideate	36

Glimpses of ISTE

IGNIUM 2K22

IGNIUM 2K22

IEEE Students Chapter

A Y 2022-23:

Table No 4.5.1.13 : Details of events organized under IEEE

S. No.	Techfest	Date	Name of the event	No. of Participants	Organized at Institute / State / National
1	VIDYOUTH ‘23	16/06/2023	Poster presentation	7	National
			Olympiad	53	National
			Paper Presentation	11	National

2	Opportunities on being IEEE Member & present Industry requirements	03/12/2022	Seminar	120	National
3	AMPHITECH	12/11/2022	Web Speed	5	National

A Y 2021-22:

Table No 4.5.1.14 : Details of events organized under IEEE

S. No.	Date	Name of the event	No. of Participants	Organized at Institute / State / National
1	06-04-2022	Web Applications Security Project (OWASP)	24	National
2	26-09-2021	Digital Wellness	33	National
3	10-07-2021	GATEWAY- An ultimate guideline to crack gate	8	National

A Y 2020-21:

Table No 4.5.1.15 : Details of events organized under IEEE

S. No.	Date	Name of the event	No. of Participants	Organized at Institute / State / National
1	6/10/2020	IEEE day celebrations	11	National
2	6/10/2020	Coding quiz	09	National

3	21/04/21	We Code	20	National

Glimpses of IEEE

GPS Map Camera
Hyderabad, Telangana, India
Google

Value Added Courses

Value-added courses are those courses designed to enhance the standard of the students beyond those levels specified in academic curriculum. In order to enhance employability of the students value added courses are included in the curriculum.

A Y 2023-24:

Table No 4.5.1.16 – Details of value added courses organized by the institute:

S. No	Name of the value added courses (with 30 or more contact hours)offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Value added course on AWS with Machine Learning: Building Intelligent Allications from Data to Deployment	42hrs	109	100

2	Value added course on Introduction to AR/ VR/XP with unity	38 hrs	33	30

A Y 2022-23:

Table No 4.5.1.17 – Details of value added courses organized by the institute:

S. No	Name of the value added courses (with 30 or more contact hours)offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Value added course on Applied Data Science with IBM Cloud	33 hrs	89	78

A Y 2021-22:

Table No 4.5.1.18 – Details of value added courses organized by the institute:

S. No	Name of the value added courses (with 30 or more contact hours)offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Value added course on MERN stack Application Developmenmt	40hrs	70	70

AY 2020-21:

Table No 4.5.1.19 – Details of value added courses organized by the institute:

S. No	Name of the value added courses (with 30 or more contact hours)offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	ML application using IBM cloud & Watson studio	40 hrs	98	98
2	Web Development	30 hrs	285	285

A Y 2019-20:

Table No 4.5.1.20 – Details of value added courses organized by the institute:

S. No	Name of the value added courses (with 30 or more contact hours)offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Value added course on Certificate in Applied Machine Learning on Real-World Data (INSOFE MODULE-2)	30 hrs	41	41
2	Value added course on Cyber Security and Simulation	30 hrs	71	71
3	Value added course on Summer Internship IoT ,AI and ML	32 hrs	194	184

4	Value added course on Scoping, Auditing and Analysis of AI, ML and Data Science projects (INSOFE MODULE-1)	30 hrs	65	55

4.4.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks : 5.00

4.5.2 Publication of Technical Magazines, Newsletters, etc.(5M)

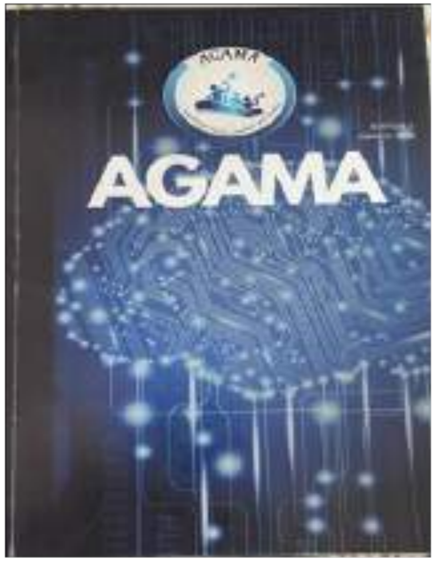
A. Quality and Relavence of the contents and Print Material (3M)

B. Participation of students from the program (2M)

A. Quality and Relevance of the contents and Print Material (3M)

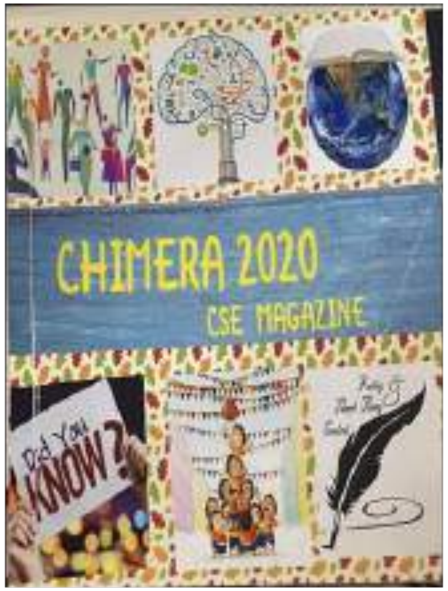
AGAMA – A Technical Magazine

- AGAMA is a technical magazine that focuses on technology-related topics, including new developments, trends, and case studies in the field of technology.
- These magazines can cover a wide range of subjects, such as software development, artificial intelligence, and more. They are often aimed at professionals and enthusiasts in the technology industry, and can provide valuable insights and information to help them stay up-to-date with the latest advancements.
- It can be a valuable resource for anyone interested in technology, whether youre a professional looking to stay up-to-date with the latest developments, a student learning about the field, or an enthusiast who simply loves technology.



CHIMERA - A Wall Magazine

- Chimera is a non-technical magazine known for providing a platform for young and unpublished writers, with an emphasis on both creative and critical work.
- The magazine published a wide range of literary genres, including Poetry, Arts, Health, General Knowledge, Proverbs, Essays, and Drama.
- It is a publication that focuses on a wide range of topics outside of the fields of science, technology, engineering, and mathematics and it also covers a variety of subjects, including arts and culture, entertainment, fashion, lifestyle, politics, and social issues.



GOOGLE DEVELOPER STUDENT CLUB(GDSC)

- GDSC GNITS, embarked on its journey in 2021. It serves as a haven for those who are passionate about coding and technological innovation.
- The club’s primary mission is to kindle the flames of coding enthusiasm within its members, urging them to explore the limitless possibilities of the tech world.

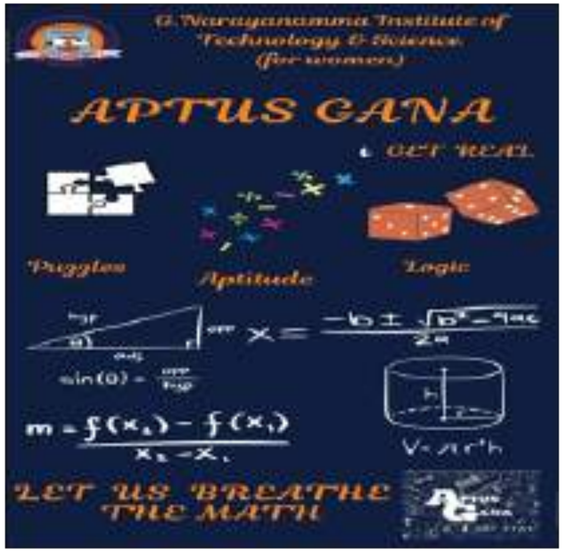
- Through a diverse array of events, workshops, and sessions, GDSC GNITS offers myriad opportunities to delve into the ever-evolving realm of software development.

APTUS GANA

- Mathematics plays a crucial role in engineering, serving as the foundation upon which engineers build and apply their knowledge to solve real-world problems.
- Engineers often encounter complex problems that require logical thinking and problem-solving skills.
- An aptitude test is quite vital for placements as it helps in enhancing the logical skills of the person and in evaluating the employability skills of the candidate.
- Good aptitude skills allow the person to stand differently in the crowd.
- Aptitude tests also help in finding suitable graduates by making a precise assessment based on logical, analytical, verbal, and numerical abilities.

APTUS GANA is Mathematical club established in 2020 by Department of Humanities & Mathematics to create a platform for organizing various programmes based on Mathematical Aptitude and logical reasoning to assess the mathematical ability of the students and also to induct them into competitive exams, placements and GATE by conducting quiz competitions, puzzle hunts, guest lectures, online sessions followed by exams and poster presentations

APTUS
GANA
i GET REAL
IDEA
HELLO!
business


G. Narayanamma Institute of Technology & Science (for women)
APTUS GANA
i GET REAL
Puzzles
Aptitude
Logic
LET US BREATHE THE MATH

INVESTITURE CEREMONY
IDEA
APTUS GANA
i GET REAL
Aptus Gana
i GET REAL

Summary of Wall Magazines (Institute Level)

Table No 4.5.2.1 : Summary of events organized under Chimera ,Agama & Aptus Gana

Academic Year	CHIMERA No of Events	AGAMA No of Participants	APTUS GANA No of Participants
2022-2023(CAYm 1)	09	16	31
2021-2022(CAYm 2)	10	9	-
2020-2021(CAYm 3)	5	2	-
2019-2020(CAYm 4)	09	11	-
Total	33	38	31

B. Participation of students from the program (2M)

Table No 4.5.2.2 : AGAMA - A Technical Magazine Summary

S. N0	Academic Year	No. of Participants
1	2022-2023 (CAYm1)	16
2	2021-2022(CAYm2)	9
3	2020-2021(CAYm3)	2
4	2019-2020(CAYm4)	11

A.Y - 2022-23:

Table No 4.5.2.3 : Agama Participant List

S.No	Roll No	Name of The Student	Year / Section	Title of The Publications
1.	21251A0595	SAI PALLAVI SISTLA	CSE(B) -2/4	SUPERHUMAN AI
2.	21251A0580	KATTA ABHIGNA REDDY	CSE(B) -2/4	IOB(INTERNET OF BEHAVIOURS)
3.	2125A0599	B.SAUJANYA LAXMI BAI	CSE(B) 2/4	EDGE COMPUTING
	21251A0590	SRI TANMAI	CSE(B) 2/4	
	21251A0583	M.SHRADHA RAO	CSE(B) -2/4	
4.	21251A0578	J. BHAVANA	CSE(B)-2/4	DEEP LEARNING
5.	2121A05A2	C.APOORVA	CSE(B)-2/4	AUGMENTED REALITY
	21251A6717	KAVYA	CSD-2/4	
6.	21251A0583	M.SHRADHA RAO	CSE(B) -2/4	AUTONOMOUS VEHICLES
7.	21251A0592	HARSHITHA	CSE(B) -2/4	BLOCKCHAIN TECHNOLOGY
8.	21251A0565	PALLAM VARSHA	CSE(A) -2/4	DRONES
9.	212510552	NATASHA TANOOM	CSE(A)-2/4	CYBER SECURITY
10.	212510552	NATASHA TANOOM	CSE(A)-2/4	REVOLUTIONIZING HEALTHCARE

11.	20251A0542	THARUNYA	CSE(A)-3/4	INTELLIGENT COMPUTING
12.	21251A6609	BIJILI BHARGAVI	CSM - 2/4	5G NETWORK
13.	21251A6615	K.SHRAVYA	CSM - 2/4	QUANTUM COMPUTING

A.Y - 2021-22:

Table No 4.5.2.4 : Agama Participant List

S. No	Roll No	Name of The Student	Year / Section	Title of The Publication
1.	20251A05B7	SAI PALLAVI SISTLA	II CSE-B	GATO ONE AI MODEL FOR 600 TASKS
2.	19251A0552	SHAISTA FIRDOUSE	III CSE-A	WEB 3.0
3.	20251A6618	M.LIKITHA	II CSM	HYPERAUTOMATION
4.	19251A0516	MONICA CHOWDARY	III CSE-A	BUSINESS INTELLIGENCE
5.	19251A0527	GUNDALA TRIPTHI	III CSE-A	INTERNET OF BEHAVIOUR (IOB)
6.	20251A0531	ADDEPALLI SAI SRIYAM	II CSE-A	METAVERSE
7.	20251A05G5	SUMA MALLAPRAGADA	II CSE-C	EDGE COMPUTING
8.	19251A05F8	MANAAL GHOUSE	III CSE-C	FINTECH
9.	19251A05E3	G.CHAITANYA DEEPTI	III CSE-A	ARTIFICIAL INTELLIGENCE AND CONSCIOUSNESS IN INTELLIGENT MACHINES

A.Y - 2020-21:

Table No 4.5.2.5 : Agama Participant List

S.No	Roll No	Name of The Student	Year / Section	Title of The Publications
1.	18251A05C8	G. SHRIYA	III CSE-C	INTELLIGENT APPS
2	17251A0562	G.ANJALI REDDY	IV CSE-A	COMPUTER VISION

A. Y - 2019 - 2020:

Table No 4.5.2.6 : Agama Participant List

S. No	Roll No	Name of The Student	Year / Section	Title of The Publication
1.	18255A0505	B.A.SHIVANI	II CSE-A	ROBOTIC PROCESS AUTOMATION
2.	18251A0586	S.NIHARIKA	II CSE-B	SOCRATIC
3.	17251A0562	B SANJANA REDDY	III CSE-A	AI SECURITY
4.	18251A05E0	P.VYSHNAVI	II CSE-C	FOG COMPUTING
5.	17251A0562	G.ANJALI REDDY	III CSE-A	CRYPOCURRENCY AND BLOCKCHAIN
6.	18251A05C8	G. SHRIYA	II CSE-C	MULTI-EXPERINCE
7.	17251A05H6	V.PRANAVITHA	III CSE-B	INTELLIGENT APPS
8.	18251A0560	Y. PRIYA AMRUTHA	II CSE-A	DISTRIBUTED COMPUTING
9.	18251A0591	A.TEJASWI	II CSE-B	AUTONOMOUS DRIVING
10.	17251A05D3	G.SRUJANA	III CSE-C	PERVASIVE COMPUTING
11.	18251A0516	M.MANASWINI	II CSE-B	DATA SCIENCE

CHIMERA

Table No 4.5.2.7 : Chimera Magazine Summary

S.NO	YEAR	NO.OF EVENTS
1	2022-2023(CAYm1)	09
2	2021-2022(CAYm2)	10
3	2020-2021(CAYm3)	-
4	2019-2020(CAYm4)	09

A.Y - 2022-2023:

Table No 4.5.2.8: Chimera Participants Summary:

S.No	Name of The Event	Number of Participants
1	Arts corner	22
2	Culture corner	05
3	Women corner	06
4	Short stories	03
5	Events corner	03
6	Facts corner	01
7	Quiz	01
8	General Knowledge	01
9	Technology	03

Table No 4.5.2.9 : List of Participants

ART CORNER			
S. No	Roll No	Name of The Student	Year
1	21251A0502	Anusha	II CSE A
2	20251A6629	B.Deeksha	III CSM
3	20251A6632	T.Varshitha	III CSM
4	21251A05B8	Ramya Sri	II CSE B
5	20251A6652	I.Shivani	III CSM
6	21251A05B6	Mothe Sahithi	II CSE B

7	20251A6656	M.LIikitha	III CSM
8	22255A0508	Anusha	II CSE A
9	22251A6656	Bhargavi	II CSM
10	21251A6622	B.Deeksha	III CSM
11	22255A0511	P.Kalpana	II CSE A
12	21251A6606	M.Likitha	III CSM
13	2151A6622	B.Deeksha	III CSM
14	22251A05A8	K.Sahithi	II CSE
15	20251A6656	M.Likitha	III CSM
16	20251A6650	T.Manasa	III CSM
17	22255A0508	Anusha	II CSE A
18	20251A6651	K.Sowmya	III CSM
19	20251A6650	V.Vasuprada	II CSM
20	20251A6653	B.Satwika	II CSM
21	20251A6650	T.Manasa	III CSM
22	21251A05A8	K.Sahithi	II CSE A
23	20251A6651	K.Sowmya	II CSM
CULTURE			
1	21251A0550	Manpreet Kaur	II CSE A
2	21251A6607	CH.S Kanakadurga	IICSM
3	21251A0507	Swaroopa Neelantam	II CSE A
SPECIAL DAYS			
1	212255A0508	K.Anusha	II CSA
2	21251A05B8	Rama Sri	II CSE B
WOMEN			
1	20251A6651	B.Deeksha	IICSM
2	21251A05A8	K.Sahithi	II CSE A
3	212516607	G.Srujana	IICSM
4	212516607	T. Harshitha	IICSM

5	21251A05B8	Ramya Sri	II CSE A
6	21251A05A8	K.Sahithi	II CSE A
SHORT STORIES			
1	21251A0518	Bhavana Gundelli	II CSE A
2	21251A0518	Bhavana Gundelli	II CSE A
GENERAL KNOWLEDGE			
1	20251A6656	Likitha	IIICSM
QUIZ			
1	20251A6656	Likitha	IIICSM
FACTS			
1	20251A6656	Likitha	IIICSM
TECHNOLOGY			
1	20251A6656	Likitha	IIICSM
2	21251A0523	Amrutha varshini	II CSE A

A Y : 2021-2022:

Table No 4.5.2.10 Chimera Participants Summary:

S. No	**Name of The Event**	**Number of Participants**
1	Arts corner	20
2	Culture corner	12
3	Health corner	08
4	Facts corner	09
5	Poetry corner	09
6	Science and Technology corner	09
7	Events corner	07
8	Proverbs	06
9	General Knowledge	09

10	Jokes	05

Table No 4.5.2.11 List of Participants:

S. No	Roll. No	Title of The Publication	Year / Section
Art Culture			
1	19251A05A0	Charitha Nagapuri	III CSE-B
2	19251A0528	Amulya Jada	III CSE-A
3	19251A0591	Chetna Reddy	IIICSE-B
4	19251A0567	Ayesha Ansari	IIICSE-B
5	19251A0576	Pravalika	IIICSE-B
6	20251A0514	Chitla Sanjana Raj	IIICSE-C
7	19251A0538	M.Akhila	III CSE-A
8	20251A6623	M.Sriya	IICSM
9	19251A0527	Tripthi Reddy	IIICSE-A
10	20251A0513	M.Shruti	II CSE-A
11	20251A0535	B.Divya	II CSE-A
12	20251A0533	A. Hari Priya	II CSE-A
Poetry			
1	19251A0591	Chetna Reddy	III CSE-B

2	19251A0556	S.Rishika Reddy	III CSE-A
3	19251A05A6	Arunodaya	III CSE-B
4	19251A0598	Nuzhath Jahan	III CSE-B
Culture			
1	19251A0598	Nuzhath Jahan	III CSE-B
2	20251A05E2	R.Manisha	II CSE-C
3	20251A05E2	R.Manisha	II CSE-C
Science and Technology			
1	19251A05E3	G.Chaitanya Deepti	III CSE-C
2	20251A0536	Vamshi Priya	II CSE-A
3	19251A0564	A.Sonalika	III CSE-B
4	18251A0567	Tejaswi	II CSE-B
Facts			
1	19251A05D8	Harshitha D	III CSE-C
2	19251A05E1	G.Shreya	III CSE-C
3	19251A0567	Ayesha Ansari	III CSE-B
Events			
1	19251A05D8	Harshitha D	III CSE-C
2	20255A0510	Nuzhath Jahan	III CSE-B

3	20255A0514	Chitla Sanjana Raj	III CSE- C
General Knowledge			
1	20255A05B4	R.Bindu	II CSE-B
2	20255A0567	G. Sathvika	II CSE--B
3	19255A0561	A.Ramya Spoorti	III CSE-B
4	20255A0573	A.Aishwarya Monica	II CSE-B
Health Tips			
1	20255A0507	A.Akhila	III CSE -B
2	20255A6615	K.Shravya	II CSM
Jokes			
1	19255A0591	Chetna Reddy	III CSE-B

A Y : 2019-2020:

Table No 4.5.2.12 Chimera Participants Summary:

S. No	Name of The Event	Number of Participants
1	Arts corner	14
2	Culture corner	11
3	Health corner	09
4	Facts corner	06
5	Poetry corner	10

	6 Science and Technology corner	07
	7 Events corner	07
	8 Jokes	07
	9 General Knowledge	08

Table No 4.5.2.13 - List of Participants:

S. No	Roll No	Title of The Publication	Year / Section
Art Culture			
1	18251A0578	Rama	III CSE-A
2	18251A0576	Sowmya	III CSE-A
3	18251A05B4	Likitha	III CSE-A
4	18251A0547	Vishwaja	III CSE-A
5	18251A0513	Likitha	III CSE-A
6	18251A0523	Rama	III CSE-B
7	17251A0576	Veda	III CSE-A
8	18251A0556	Srujana	III CSE-C
9	18251A0566	Rama	III CSE-B
10	18251A05A9	Likitha	III CSE-A
11	18251A05B2	Pranavitha	IIICSE-C

12	17251A05A0	Tejaswi	II CSE-B
13	18251A0576	Sanjana	III CSE-B
14	17251A0590	Vaishnavi	II CSE-C
Poetry			
1	17251A0559	Niharika	II CSE-B
2	18251A0545	Anjali Reddy	III CSE-B
3	17251A0596	Vadhoolasa	IV CSE-B
4	17251A05B8	Tejaswi	II CSE-B
5	18251A0534	Shivani	III CSE-A
6	17251A0512	Shriya	II CSE-C
7	17251A0588	Divya Takkor	IV CSE-C
8	17251A0567	Amrutha	II CSE-A
9	17251A05A1	V.Harshitha	II CSE-A
10	17251A0576	Manasvi Rai	III CSE-B
Culture			
1	18251A0523	Srujana	III CSE-B 3/4
2	18251A0599	Jayama	IV CSE-C
3	17251A0593	Sonakshi	IV CSE-A

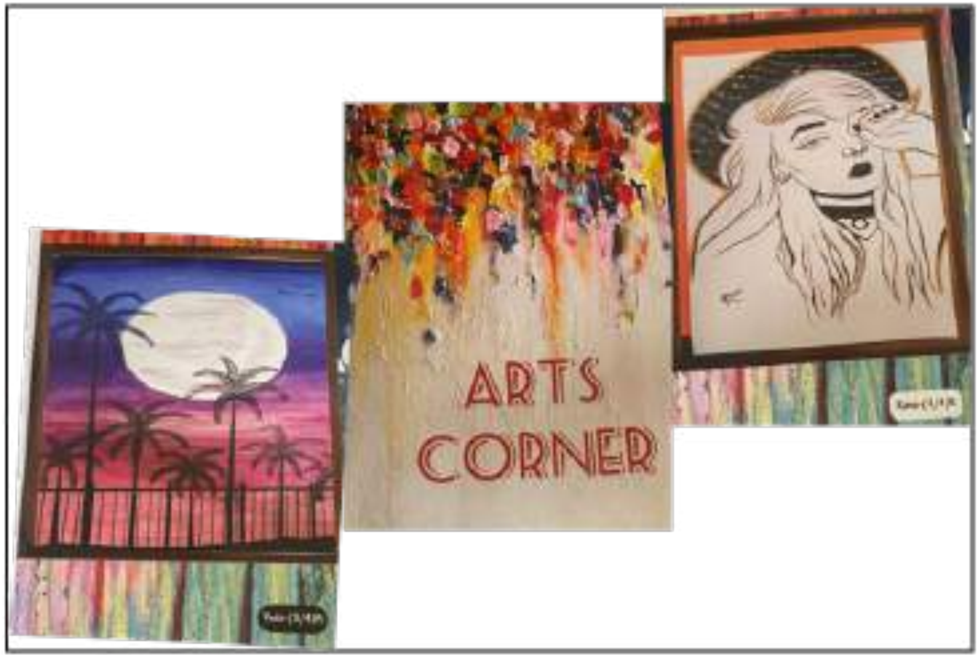
4	18251A05A0	Sivani	III CSE-A
5	18251A05A3	Pranavitha	III CSE-C
6	18251A05C3	B.Sneha	II CSE-C
7	19251A0526	A.Harshitha	II CSE-B 4
8	19251A0559	Sharavani	II CSE-A
9	19251A079	VanglaAlkehaya	IV CSE-B
10	17251A0598	Anjali	IV CSE-B
11	17251A0596	Srilekha	IV CSE-B
Science and Technology			
1	18251A05C8	G.Shriya	III CSE-C 3/4
2	19251A05C8	Vyshanavi	III CSE-C
3	18251A0578	Sanjana reddy	III CSE-B
4	18251A05C8	G.Shriya	II CSE-C
5	17251A05D0	Samyuktha	IV CSE-C
6	18251A0556	Vyshanavi	II CSE-A
7	18251A0567	Tejaswi	II CSE-B
Facts			
1	18251A0560	Priya amrutha	II CSE-A 2/4

2	18251A05 34	Vyoma Harshitha	IICSE-A
3	18251A05 59	A.Sai Sreeja	IICSE-A
4	18251A05 03	Poojitha Reddy	IICSE-A
5	18251A05 A1	Vadhoolasa	IV CSE-B
6	18251A05 60	Priya amrutha	II CSE-A
Events			
1	18251A05 C8	Pranavitha	CSE--C-3/4
2	18251A05 48	Viswaja	III CSE--A
3	18251A05 B8	Srilekaha	III CSE--B
4	18251A05 C8	G.Shriya	III CSE--C
5	18251A05 D0	Srujana	III CSE--C
6	18251A05 D8	N.Shraddha	III CSE--C
7	19251A05 C8	P.Vaishnavi	II CSE--C
General Knowledge			
1	19251A05 47	Amrutha	II CSE-A
2	18251A05 88	Anjali	III CSE--B
3	19251A05 34	P.Vyoma Harshitha	II CSE-A
4	18251A05 C8	B.A.Shivani	III CSE-A

5	18251A05 A9	Asma Khan	III CSE-B
6	19251A05 87	A.Tejaswi	II CSE-B
7	18251A05 A8	Sanjana	III CSE-B
8	19251A05 B5	S.Niharika	II CSE-B
Health Tips			
1	19251A05 47	A.Tejaswi	II CSE--B-2/4
2	18251A05 88	S.Sneha Latha	IV CSE--B
3	19251A05 34	D.Sonakshi	IV CSE--A
4	18251A05 C8	V.Sai Vishwaja	III CSE--A
5	18251A05 A9	A.Tejaswi	II CSE--B
6	19251A05 87	Divya Thakur	IV CSE-C
7	18251A05 A8	V.Pranavitha	III CSE-C
8	19251A05 B5	S.Niharika	II CSE--B
9	19251A05 B5	S.Niharika	II CSE--B
Jokes			
1	19251A05 47	Jayama	IV CSE--A
2	18251A05 88	Amrutha	II CSE--C
3	19251A05 34	Srujana	III CSE--C

4	18251A05C8	Samyuktha	IV CSE-C
5	18251A05A9	Harshitha	II CSE-C
6	19251A0587	Vaishnavi	II CSE-C
7	18251A05A8	Anjali Reddy	III CSE-B

Glimpses of CHIMERA:



NEWS LETTERS

Newsletter is a college magazine published annually. The magazine is edited by staff from all departments of the Institute. It contains information about

- Technical and other events organized in the Institute
- Conferences, workshops or other events attended by faculty members and students
- Prizes and awards won by staff and students
- Papers published by staff and students
- Training and Placement details,
- Exam results of all the departments
- Extracurricular activities includes NSS, physical education
- Professional society events(CSI , ISTE and IEEE)
- Any other matter concerning the Institute

SANKETHIKA BHARATHI

Table No 4.5.2.14 : Summary of Sankethika Bharathi Annual Publications :

Academic Year	Name of the News Letter (Annual)	Volume No	Issue No	Month/Year
2018-19	Sankethika Bharathi	17	32	July, 2019
2019-20	Sankethika Bharathi	18	33 & 34	August, 2020
2020-21	Sankethika Bharathi	19	35 & 36	March & August, 2021
2021-22	Sankethika Bharathi	20	37 & 38	March & August, 2022
2022-23	Sankethika Bharathi	21	39 & 40	March & August, 2023

APTUS GANA 2022-23

Table No 4.5.2.15 - Summary of Aptus Gana :

s.no	NAME OF THE STUDENT	ROLL NUMBER	NAME OF THE EVENT	PARTICIPATION / WINNER	NATIONAL / INTRA / INTER COLLEGE

1	Shivani Kankanala	21251A05H7	Math- Rates	Participation	Intra College
2	Hema Chandrika	21251A05K2	Math- Rates	Participation	Intra College
3	Ananya Narumanchi	21251A05K4	Math- Rates	Participation	Intra College
4	Laikha kulsoom	21251A0593	Math- Rates	Participation	Intra College
5	Pranavi J	21251A05J3	Math- Rates	Participation	Intra College
6	Manaswini	21251A0542	Math- Rates	Participation	Intra College
7	Manaswini	21251A0565	Math- Rates	Participation	Intra College
8	Jangambhavana	21251A0578	Math- Rates	WINNER	Intra College
9	Bhavana Reddy Kanthala	21251A0560	Math- Rates	Participation	Intra College
10	Vuppala Shreya	21251A0541	Math- Rates	Participation	Intra College
11	Yama Manogna	21251A05C9	Math- Rates	Participation	Intra College
12	Kailasa Naga Jyothi	21251A05E3	Math- Rates	Participation	Intra College
13	G Manaswini	21251A0510	Math- Rates	Participation	Intra College
14	Arla Srinidhi Yadav	21251A0535	Math- Rates	Participation	Intra College
15	Ramya Sri Munukuntla	21251A05B8	Math- Rates	Participation	Intra College
16	Chintam Sohan	21251A0572	Math- Rates	Participation	Intra College
17	Sahithi Madireddy	21251A05H9	Math- Rates	Participation	Intra College
18	N. Leema Sri	21251A05F8	Math- Rates	Participation	Intra College
19	G. Divya sri	21251A05H2	Math- Rates	Participation	Intra College

20	Sai sriya	21251A05C0	Math- Rates	Participation	Intra College
21	Tanvi Tanniru	21251A05K0	Math- Rates	Participation	Intra College
22	G Bhavya Sree	21251A05D7	Math- Rates	Participation	Intra College
23	K. Shireesha	21251A0543	Math- Rates	Participation	Intra College
24	Vadlakonda Veeksha	21251A0530	Math- Rates	Participation	Intra College
25	Madhuri Priya	21251A0555	Math- Rates	Participation	Intra College
26	Chakravathi Vangamai	21251A05G8	Math- Rates	Participation	Intra College
27	K. Sahithi	21251A05A8	Math- Rates	Participation	Intra College
28	Devarampally Shreya Reddy	21251A05A3	Math- Rates	Participation	Intra College
29	Phebe Gladis	21251A05E4	Math- Rates	WINNER	Intra College
30	Alampally Reethu Bhavani	21251A0567	Math- Rates	Participation	Intra College
31	Aneesha	21251A05D5	Math- Rates	WINNER	Intra College

4.4.3 Participation in inter-institute events by students of the program of study (10)

Institute Marks : 10.00

4.5.3 Participation in inter-Institute events by students of the program of study (10M)

Students from the CSE department have abundant opportunities to participate in a wide range of events at institute, state, national, and international levels. Through their involvement, our students not only acquire knowledge but also secure awards for their achievements.

Table No 4.5.3.1 : Participation in inter Institute Events by Student of the Program of Study Summary:

Academic Year	Institute Level	State	National / International	Awards / Prizes
2023-24 (CAY)	123	24	410	49
2022-23 (CAYm1)	55	37	378	98
2021-22 (CAYm2)	110	58	327	94
2020-21 (CAYm3)	74	62	168	20
Total	**362**	**181**	**1283**	**261**

A. Events within the state (2M)

A. Y 2023-24 :

Table No 4.5.3.2 : Student Participation list of State Level Hackathons:

S. NO	H. T No	Name	Name of the Event	Achievement type	Organised by	Organized at State/ National Level
1	21E31A0575	Popuri Alekhya	Ideathon	Participation	Indian Institution of Management,Bangalore	State
2	21251A0566	A.Sai Srujana	Hack4change	Participation	Google,T-Hub	State

3	21251A05J1	Madhulika Mupparapu	Hack4change	Participation	Google,T-Hub	State
4	21251A0573	G Chinmayee	Hack4change	Participation	Google,T-Hub	State
5	21251A0572	Chintam Sohan	Hack4Change	Participation	Google,T-Hub	State
6	22251A05G8	G.Parivarsha	Hakfest	Participation	PSGI and saap	State
7	22251A05A6	Deveram Mahalaxmi	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering &Technology (GRIET)	State
8	22251A0599	Ananya Sangani	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET)	State
9	22251A0586	Mekala Samiksha	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET)	State
10	22251A05C0	Renduchintala Khyathi	GreenBiz 23 Hackathon	Participation	GNITS ATAL Incubation Centre	State
11	22251A0579	Rishika Jillala	GreenBiz’23 hackathon	Participation	GNITS ATAL Incubation Centre	State
12	22251A05H1	J Sai Sankeerthana	GreenBiz23 hackathon	Participation	GNITS ATAL Incubation Centre	State

13	21251A05H3	Gorantla Sree Harshitha	GreenBiz23 hackathon	Participation	GNITS ATAL Incubation Centre	State
14	22251A0575	Gullala Sneha Sameera	GreenBiz23 hackathon	Participation	GNITS ATAL Incubation Centre	State

Table No 4.5.3.3 : State Level Sports Student Participation list:

S No	**Roll No**	**Student Name**	**Year/ Section**	**Event Name**	**Organized by**	**Date**	**Organized at State/ National Level**	**Awards**
1	20251A05G3	M. SUPRIYA REDDY	IV-CSE-C	Throw Ball	Mahindra University	15&16 FEB 2024	State	Winners
2	22251A05A0	A . Poojasree	II-CSE-B	Throw Ball	CVR	28&29 FEB 2024	State	Winners
3	20251A05G3	M. SUPRIYA REDDY	IV-CSE-C	Throw Ball	Mala reddy ec	1 &2 MAR 2024	State	Winners
4	22251A05A0	A . Poojasree	II-CSE-B	Throw Ball	Mala reddy ec	1 &2 MAR 2024	State	Winners
5	21251A04F2	P. GAYATHRI	III-ECE-C	Throw Ball	Mala reddy ec	1 &2 MAR 2024	State	Winners
6	20251A05G3	M. SUPRIYA REDDY	IV CSE-C	Throw Ball	JBIT	1 &2 MAR 2024	State	Winners
7	22251A05A0	A. POOJASREE	II-CSE-B	Throw Ball	JBIT	1 &2 MAR 2024	State	Winners

8	23251A0528	PRANEETHA	I-CSE-A	KHO - KHO	JBIT	1 &2 MAR 2024	State	Winners
9	20251A05G3	M. SUPRIYA REDDY	IV CSE-C	Throw ball	IPE	16-Mar-24	State	Winners
10	22251A05A0	A . Poojasree	II-CSE-B	Throw ball	IPE	16-Mar-24	State	Winners

A.Y 2022-23 :

Table No 4.5.3.4 : Student Participation list of State Level Hackathons:

S.NO	H. T No	Name	Name of the Event	Achievement type	Organised by	Organized at State/ National
1	21251A0564	Digvi	Megathon	Participation	IIITH	State
2	20251A05D9	Nalla Spandana	Hackathon	Winner	IIITH	State
3	20251A05H0	Nikitha	Megathon	Winner	IIITH	State
4	20251A05A6	Kakarla Devi Likiithaa	Megathon	Winner	IIITH	State
5	19251A0526	Gayatri Shambhu Shastri	Meta Global Hackathon	Participation	Meta	State
6	22251A0539	Faiza Hameed	Womens Day Coding Contest	Participated	Blackbucks	State
7	22251A0539	Faiza Hameed	Hackoverflow,Ignium 2k22	Winner	ISTE	State
8	20251A0596	Chekuri Hema	VJIT 36 Hrs Hackathon	Participated	VJIT	State

9	19251A05D6	Ch.Prathyusha	Pre-incubation program’UPsurge’	Participated	We HUB	State

Table No 4.5.3.5 : State Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	19251A0528	J.Chandrika	kho kho	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
2	20251A05F1	A.Chandhana	kho kho	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
3	19251A05A0	N.Caritha	Volly Ball	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
4	21251A521	P.Sathvika	Volly Ball	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
5	19251A05G6	S.Shriya	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
6	20251A05G3	Supriya Reddy	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
7	20251A0585	S.Soumitha	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
8	19251A05G6	S.Shriya	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners

9	20251A05G3	Supriya Reddy	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners
10	20251A0585	S.Soumitha	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners
11	21251A0592	R.L.N.Harshitha	Basket Ball	K.G Reddy	17 &18 April 23	State level	Winners
12	21251A05J7	B.Sreenidhi Rao	Basket Ball	K.G Reddy	17 &18 April 23	State level	Winners
13	20251A05G3	Supriya Reddy	ThrowBall	J.B.I.T	9 & 10 Jun 23	State level	Winners
14	20251A0585	S.Soumitha	ThrowBall	J.B.I.T	9 & 10 Jun 23	State level	Winners

A.Y 2021-2022

Table No 4.5.3.6 : Student Participation list of State Level Hackathons:

S.No	Roll No	Name	Event Type	Achievement Type	Organized by	Organized at State/ National/ International Level
1	18251A05A8	Nagasamudram Manaswini	Hackathon	Participated	COSC	State
2	18251A05A8	Nagasamudram Manaswini	Hackathon	Participated	Arcane Innovation,Gulzar Group of Institutions	State

3	19251A0512	CHAKRAVARTHIVENKATESHAN NAGA SAISRIYA	Hackathon	Participated	SmartInternz with GoDaddy	State
4	19251A05B1	Keerthana Pravallika Samudrala	Hackathon	Participated	SmartInternz with GoDaddy	State
5	19251A05B1	Keerthana Pravallika Samudrala	Hackathon	Participated	Myntra	State
6	19251A05B1	Keerthana Pravallika Samudrala	Hackathon	HackerRank Skill Certificate	HackerRank	State
7	18251A05A8	Nagasamudram Manaswini	Code challenge	Participated	Scalar Codex	State
8	19251A05F6	Soujanya Madavedi	Code Challenge	Participated	GeeksforGeeks	State
9	19251A05F6	Soujanya Madavedi	Code Challenge	Participated	Scaler Codex	State
10	18251A05A8	Nagasamudram Manaswini	Code Challenge	Participated	Scalar Codex	State
11	19251A05F6	Soujanya Madavedi	Code Challenge	Participated	Scaler Codex	State
12	19251A05J0	Yada Vaishnavi	Code Challenge	Participated	computer society of India-student chapter, KJSIEIT	State
13	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Participated	Google	State
14	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Participated	Girl Script Tech	State

15	20255A0509	Kiranmayee Gangalam	Code Challenge	Scholar of Flipkart GWC 2021, Qualified 2 rounds of Jpmc, Finished internship of verzeo	Flipkart, JP Morgan & Chase, Smart Knower Verzeo	State
16	20251A0589	Niharika	Innovation & Incubation Program	Participation	We HUB,Hyd	State
17	21251A0536	Soumya	Innovation & Incubation Program	Participation	We HUB, Hyd	State
18	21251A0565	Varsha	Innovation & Incubation Program	Participation	We HUB, Hyd	State
19	21251A0542	Manaswini	Innovation & Incubation Program	Participation	We HUB, Hyd	State
20	21251A0550	Manpreet	Innovation & Incubation Program	Participation	We HUB, Hyd	State
21	21251A0522	R.Rukmini Manasa	Innovation & Incubation Program	Participation	We HUB, Hyd	State

22	19251A05B7	T Sreehitha	Innovation & Incubation Program	Participation	We HUB, Hyd	State
23	19251A05B5	S.Divya	Innovation & Incubation Program	Participation	We HUB, Hyd	State
24	20251A0585	S.Soumitha	Innovation & Incubation Program	Participation	We HUB, Hyd	State
25	20251A0575	M.Deepshika	Innovation & Incubation Program	Participation	We HUB, Hyd	State
26	19251A05D6	Ch.Prathyusha	Innovation & Incubation Program	Participation	We HUB, Hyd	State
27	19251A05D0	B.Vidya Sree	Innovation & Incubation Program	Participation	We HUB, Hyd	State

Table No 4.5.3.7 : State Level Sports Student Participation list:

S No	**RollNo**	**Student Name**	**Event Name**	**Organized by**	**Date**	**State/ National/ International**	**Awards**
1	19251A05G8	R.Navya	ThrowBall	Malla Reddy E	4&5March	State	Winners

2	21251A05G8	CH.Vangmai	ThrowBall	Malla Reddy E	4&5March	State	Winners
3	18251A0574	K.Vinisha	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
4	18251A0598	Shubhankari	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
5	19251A05G8	R.Navya	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
6	20251A05G3	Supriya Reddy	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
7	18251A05A8	Manaswini	Volly Ball	B V R I T	30&31March 22	State	Winners
8	19251A05A0	N.Caritha	Volly Ball	B V R I T	30&31March 22	State	Winners
9	19251A0576	Pravalika	Volly Ball	B V R I T	30&31March 22	State	Winners
10	20251A0527	V.Rakshitha	Volly Ball	B V R I T	30&31March 22	State	Winners
11	18251A0574	K.Vinisha	ThrowBall	Mahaveer	12&13April22	state	Winners
12	18251A0574	K.Vinisha	ThrowBall	J B I T	25&26May22	state	Winners

A.Y 2020-2021

Table No 4.5.3.8 : Student Participation list of State Level Hackathons:

	Roll No	Name	Event Type	Event Name	Achievement Type	Organized by	Organized at State/ National Level
1	18251A05A8	Nagasamudram Manaswini	Hackathon	JPMC Code For Good	Winner	JPMC	State

2	19251A0554	Shreya Reddy S	Hackathon	GoDaddy Web Build-A-Thon	Participated	Smart Internz, Godaddy	State
3	19251A05J0	Yada Vaishnavi	Hackathon	Web Build-A-thon	Participated	Smart Internz, Godaddy	State
4	19251A05B1	Keerthana Pravallika Samudrala	Hackathon	GoDaddy Web Build A Thon	Participated	Smart Internz, Godaddy	State
5	19251A0510	B Tharuni	Hackathon	virtual Training on Angualr	Participated	TASK	State
6	19251A0580	Elaprolu Vandana	Hackathon	virtual Training on Angualr	Participated	TASK	State
7	19251A0546	Padala kavya	Hackathon	Robotic process automation with project	Participated	Smart Bridge	State
8	18251A05A8	Nagasamudram Manaswini	Hackathon	Hacktoberfest Hackathon 2020 virtual event	Participated	CBIT	State
9	19251A0512	Chakravarthivenkateshan Naga Saisriya	Hackathon	GoDaddy Web Build-a-thon	Participated	Smart Internz, Godaddy	State
10	18251A0524	Raksha Naravi Pai	Code Challenge	Building chatbot contest	Participated	Indian Servers	State
11	18251A0524	Raksha Naravi Pai	Code Challenge	Data Science using python	Participated	MGIT	State
12	18251A0524	Raksha Naravi Pai	Code Challenge	Deep Learning using Python	Participated	MGIT	State
13	18251A05H4	Sravani Kaligotla	Code Challenge	Kickstart Round D 2020	Participated	Google	State

14	18251A0511	Kalyani Bhargavi	Code Challenge	Pywarriors	Participated	SmartBridge	State
15	18251A0523	P Ramya Sree Sai	Code Challenge	Data analysis with python	Participated	cognitive class	State
16	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	SQL Intermediate Skill Certificate	HackerRank Skill Certificate	HackerRank	State
17	19251A05F6	Soujanya Madavedi	Code Challenge	CodeToContribute	Participated	GeeksforGeeks	State
18	19251A0510	Tharuni Reddy	Code Challenge	The Gunness world record event-computer programming	Participated	GUVI tech	State
19	19251A0585	Mounika Jallipalli	Code Challenge	Basic Web Dev With Bootstrap	Participated	ShapeAI, Association with Google Developer Group Ranchi	State
20	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Java (Basic) Skill certificate	Participated	HackerRank	State
21	19251A0505	Arugunta Sravani	Code Challenge	Python and Machine learning Bootcamp	Participated	ShapeAI, Association with Google Developer Group Ranchi	State
22	19251A0512	Naga saisriyachakravarthivenkateshan	Code Challenge	Girlscrpt summer of code 2021	Participated	GirlScript.tech	State
23	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Open source day - Open source contribution	Participated	CodeXCrypt	State

24	19251A05J0	Yada Vaishnavi	Code Challenge	Programming contest-FEYNWICK	Participated	CSI,KJSIET	State
25	19251A05A0	Nagapuricharitha	Code Challenge	Color detection in images using python	Participated	edutern	State
26	19251A05F6	Soujanya Madavedi	Code Challenge	Code challenge	Participated	Scaler codex	State
27	19251A0516	Chimmirimounicachowdary	Code Challenge	The Gunness world record event-computer programming	Participated	GUVI tech	State
28	19251A0585	Mounika Jallipalli	Code Challenge	Build a Face Recognition Application using python	Participated	GUVI tech	State
29	19251A0585	Mounika Jallipalli	Code Challenge	The Gunness world record event-computer programming	Participated	GUVI tech	State
30	20255A0509	KiranmayeeGangalam	Code Challenge	Flipkart Girls wanna code_feb_2021	Participated	Flipkart	State
31	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Myntra HackerRamp: WeForShe	Participated	Dare2Compete	State
32	19251A0512	Chakravarthivenkateshan Naga Saisriya	Code Challenge	Deloitte Bridge	Participated	Deloitte	State
33	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Code Dragon	Participated	Girlscript	State
34	18251A05A8	Nagasamudram Manaswini	Code Challenge	Codex	Participated	Scalar codex	State

35	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	Code jam to I/O	Participated	Google	State
36	19251A0546	Padala kavya	Code Challenge	wecode	Participated	IEEE GNITS	State
37	19251A0537	Maduri nandini	Code Challenge	Python and Deep learning Bootcamp	Participated	ShapeAI	State
38	19251A0512	Chakravarthivenkateshan Naga Saisriya	Code Challenge	Web Development Program	Participated	Skillenza	State
39	19251A0585	Mounika Jallipalli	Code Challenge	Basic Web Dev With Bootstrap	Participated	ShapeAI	State
40	18251A0574	Konkala Vinisha	Code Challenge	SQL (Basic) Skill Certificate	Participated	HackerRank	State
41	18251A05H4	Sravani Kaligotla	Code Challenge	Kickstart Round D 2020	Participated	Google	State

Table No 4.5.3.9 : State Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	16251A04A9	T.Harika	Throw Ball	C V R	4&5JAn2020	State	Winners
2	16251A12C0	Y.Suvishna	Throw Ball	C V R	4&5JAn2020	State	Winners
3	16251A04D6	G.Tejasree	Throw Ball	C V R	4&5JAn2020	State	Winners
4	16251A0202	A.Sandya	Throw Ball	C V R	4&5JAn2020	State	Winners

5	16251A0534	N.Keerthi	Throw Ball	C V R	4&5JAn2020	State	Winners
6	17251A04F8	K.Aashritha	Throw Ball	C V R	4&5JAn2020	State	Winners
7	17251A12B7	T.Pavani	Throw Ball	C V R	4&5JAn2020	State	Winners
8	18251A1738	G.Vinusha	Throw Ball	C V R	4&5JAn2020	State	Winners
9	18251A0574	K.Vinisha	Throw Ball	C V R	4&5JAn2020	State	Winners

B. Events outside the state (3)

Table No 4.5.3.10 : Student Publications International/National Level :

S.No	Academic Year	Hackathons	No of Journals/ Conference
1	2023-2024	24	122
2	2022-2023	6	50
3	2021-2022	1	11
4	2020-2021	3	26

A.Y 2023-2024

Table No 4.5.3.11 : National / International Level Hackathons:

S. NO	H. T No	Name	Name of the Event	Achievement type	Organized by	Organized at State/ National Level
1	23251A05J6	P Sai Shalini Reddy	Leo district installation	Winner	Lions club international	National
2	19251A0504	A. Shivani Reddy	Hackwithinfy 2022	Participation	Infosys Pune DC	National
3	19251A05B1	Samudrala Keerthana Pravallika	Eyantra	Participated	IIT Bombay	National

4	19251A05B1	Samudrala Keerthana Pravallika	India - Luxembourg	Participated	MoE Innovation Cell	National
5	19251A05B1	Samudrala Keerthana Pravallika	ServiceNow Women Code to Win 2023 - India	Participated	ServiceNow	National
6	19251A05B1	Samudrala Keerthana Pravallika	TiE U Pitch	Got selected for Semi Finals	TiE University	National
7	21251A0588	P. Durga Devi	NASA International Space Apps Challenge (National level)	Participation	Space App India	International
8	21251A05A5	Gongaty Vincy Grace	Nasa space app challenges (State level)	Participation	Space App India	International
7	21251A0588	P. Durga Devi	Nasa space app challenges (State level)	Winner	Space App India	International
10	21251A0598	Anchuri Pranavi	Nasa space app challenges (State level)	Participation	Space App India	International
11	21251A0581	Harini Kuna	Nasa space app challenges (State level)	Participation	Space App India	International

12	21251A05A8	K.Sahithi	Nasa space app challenges (State level)	Participation	Space App India	International
13	21251A0582	Kyama Kalpana	Nasa space app challenges (State level)	Winner	Space App India	International
14	21251A0567	AlampallyReethu Bhavani	Nasa space app challenges (State level)	Participation	Space App India	International
15	21251A0566	A.Sai Srujana	Nasa space app challenges (State level)	Participation	Space App India	International
16	21251A0572	Chintam Sohan	Nasa space app challenges (State level)	Winner	Space App India	International
17	21251A05A9	K.Sai Srija	Nasa space app challenges (State level)	Winner	Space App India	International
18	21251A0589	P. Shrujana Reddy	Nasa space app challenges (State level)	Participation	Space App India	International

19	21251A05E6	K. Chandana	Nasa space app challenges (State level)	Winner	Space App India	International
20	21251A0570	Bondla Poojitha	Nasa space app challenges (State level)	Participation	Space App India	International
21	21251A0586	Shreya Narahari	Nasa space app challenges (State level)	Participation	Space App India	International
22	21251A0596	Touti Reddy Ritika Reddy	Nasa space app challenges (State level)	Winner	Space App India	International
23	21251A0588	P. Durga Devi	NASA International Space Apps Challenge (National level)	Participation	Space App India	International
24	21251A05K2	V.Hema Chandrika	Megathon IIIT Hyderabad	Participation	IIIT Hyderabad	National

Table No 4.5.3.12 : List of Student Publications:

S.No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year	WebLink

1	Detection and Classification of Skin diseases using Deep Learning	Vineela, M. Navyasree, N. Sushmtha,P. Bhavana	The International journal of analytical and experimental modal analysis	ISSN NO: 0886-9367	2021	https://drive.google.com/file/d/1TNeAwMmSzVQu8IrYHyqpOehWANENw3F0/view (https://drive.google.com/file/d/1TNeAwMmSzVQu8IrYHyqpOehWANENw3F0/view)
2	Generative Data Augmentation and ARMD Classification	N. Sree Bhavani,M.Bhavani, P. Chandana Reddy, V.Abhignya Reddy	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN NO:2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54178 (https://doi.org/10.22214/ijraset.2023.54178)
3	(College Online Exchange) - Mobile Application using Flutter	Divya Suvvada, Sreehitha Thatwadi	International Journal of Engineering Research & Technology	Vol. 12 Issue 04, April-2023,ISSN: 2278-0181	2023	https://www.ijert.org/research/clx-collge-online-exchange-mobile-application-using-flutter-IJERTV12IS040221.pdf (https://www.ijert.org/research/clx-collge-online-exchange-mobile-application-using-flutter-IJERTV12IS040221.pdf)
4	Language Interpretation Using Machine Learning	Chepuri Sai Tejaswini, Minati Srinivas,Manusree Cheruvu, Modem Keerthana	International Journal of Computational Intelligence Research	Volume 19, Number 1 (2023),ISSN 0973-1873	2023	https://www.ripublication.com/ijcir22/ijcirv19n1_4.pdf (https://www.ripublication.com/ijcir22/ijcirv19n1_4.pdf)
5	Malware Detection and Prediction System Using Advanced Machine Learning Algorithms	K. Divya, Shaista Firdouse, Sharia Areeb, Navya Thakur	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54181 (https://doi.org/10.22214/ijraset.2023.54181)
6	A Comparative Study on Deep Learning Models for Plant Disease Detection and Organic Solutions	B. Nayanika Reddy, Chaganti Sathvika, D Himaja , Barenkala Laxmi Prasanna	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54175 (https://doi.org/10.22214/ijraset.2023.54175)
7	Soil Fertility Analysis Using IoT	Amulya Dasari , Grace Meghna , S. Lekhna , S. Shriya	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI, ISSN: 2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54183 (https://doi.org/10.22214/ijraset.2023.54183)
8	Glucose Monitoring using Deep Learning	Afshan Khan, B. Vidya Sree, Ch.Pratyusha , Manaal Ghouse	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI,ISSN: 2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54179 (https://doi.org/10.22214/ijraset.2023.54179)

9	Semantic and Syntactic Errors Detection using NLP	Sivani Gokathoti,Lumbini Kommu,Sathvika Vallala,Shravani Vuppugandla	The International journal of analytical and experimental modal analysis	ISSN NO: 0886-9367	2023	https://drive.google.com/file/d/18La46y9oa9ZUeoZkx0lFFNd2KZbCZtK6/view (https://drive.google.com/file/d/18La46y9oa9ZUeoZkx0lFFNd2KZbCZtK6/view)
10	Web based Application to Manage Academic Projects and Monitor Student Progress	Abrar Ahamadi Mirza ,P. Shefali , M. Sai Aashritha , Kunchala Harini	International Journal of Analytical and Experimental Modal Analysis	ISSN NO: 0886-9367	2020	https://www.gnits.ac.in/wp-content/uploads/2021/11/web-based-swetha-10-Nov-2021-04-49-16.pdf (https://www.gnits.ac.in/wp-content/uploads/2021/11/web-based-swetha-10-Nov-2021-04-49-16.pdf)
11	Classification of Brain Tumor as Benign or Malignant Using Image Processing and Deep Learning Techniques: A Comparative Study	B,Nandini Maduri,Jada Amulya, Donepudi Sri Vennela , Mogudampally Jyothika	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN: 2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54174 (https://doi.org/10.22214/ijraset.2023.54174)
12	Easy Bus (Virtual Bus Pass and Bus Tracking System): Design and Implementation Using Machine Learning Algorithms	C. Sharika Reddy, Challa Sai Charitha, Kalwa Pujitha, Rajoli Lakshmi Krithika	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI Jun 2023,ISSN NO:2321-9653	2023	https://doi.org/10.22214/ijraset.2023.54177 (https://doi.org/10.22214/ijraset.2023.54177)
13	Detection of stages in Diabetic Retinopathy using CNN	Vineela, K. Vaishnavi.K	The International journal of analytical and experimental modal analysis	0886-9367 volume XV , Issue V , May 2023, Year 2023, Pages 612-621	2023	https://drive.google.com/file/d/1JWMPXJVxqtHcVSZUKivt4W7bcIlSn5R8/view (https://drive.google.com/file/d/1JWMPXJVxqtHcVSZUKivt4W7bcIlSn5R8/view)
14	Detection of Distracted Driver Using Convolutional Neural Network	Challa Sri Nikitha, Gangula Sreya, G.Sai Sindhuja, Hasan Nazneen	International Journal for Research in Applied Science and Engineering Technology	Volume 11 Issue VI , ISSN: 2321-9653;	2023	https://doi.org/10.22214/ijraset.2023.54176 (https://doi.org/10.22214/ijraset.2023.54176)
15	A Comparative Study of Deep Learning Algorithms for Glaucoma Classification using Retinal Images	Y.Sai Raja Varshitha K.L.Sudeepthi, B.Manavika], T.Saishree	International Conference on Data Science Machine Learning & Applications	GNITS, Hyderabad	Dec 2023	yet to come
16	Image Captioning for assisting the Visually Impaired	Sukhabogi Sandhya, Mittapalli Manaswini, and Teegala Aarthika	ICICC- 2022	ISBN 978-981-99-1587-3	Sep 2023	https://link.springer.com/chapter/10.1007/978-981-99-1588-0_38

17	Stress Detection based on Multimodal Data in a classroom environment	M. Madhuri	2nd International Conference on. Cybersecurity and Evolutionary Data Engineering	978-981-99-5080-5, GL Bajaj Institute of Technology and Management, Greater Noida	Sep 2023	https://link.springer.com/chapter/10.1007/978-981-99-5080-5_14
`18	Stress Detection in Classroom Environment Using Physiological Data	K. N. V. Samhitha, and A. Rishika Reddy	International Conference on Intelligent Computing and Communication	978-981-99-1588-0_15	Sep,2023	https://doi.org/10.1007/978-981-99-1588-0_15
19	Identification of Disfluency Among Children Using Efficient Machine Learning Techniques	Monica, C.Tripthi, G. Varshini, G.,Tharuni, B.	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	Vol 1096 Print ISBN: 978-981-99-7136-7 Online ISBN 978-981-99-7137-4	Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_80
20	Student Surveillance System for Detecting Abnormal Incidents in the Campus using Deep Learning	Madavedi Soujanya, Mala Bhyavana	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	Vol 1096 Print ISBN: 978-981-99-7136-7 Online ISBN 978-981-99-7137-4	Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_79

21	Multiclass Pixel Level Segmentation for Drivable Road Detection	Mohini Awahiya, Bhavani Nimmala, S. Pranathi, Koppula Sowmya	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, Springer, Singapore.	ISBN 978-981-99-7137-4_81	Feb 2024	https://link.springer.com/chapter/10.1007/978-981-99-7137-4_81
22	MultiScale Object Detection in Remote Sensing Images using Deep Learning.	D. Nikhila, D. Shivani, B SiriPriya, Bhavana Reddy	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	July 2023	https://doi.org/10.22214/ijra (https://doi.org/10.22214/ijraset.2023.54643) set.2023.54643 (https://doi.org/10.22214/ijraset.2023.54643)
23	Enhancement of Low-Resolution Remote Sensing Images Using ANN	D. Divya (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_82#auth-D_-Divya), J. Mounika (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_82#auth-J_-Mounika), Ch. Sruthi (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_82#auth-Ch_-Sruthi) D. Samaikya (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_82#auth-D_-Samaikya)	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE ,PP:853–861	Vol- 1096	04 Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_82 (https://doi.org/10.1007/978-981-99-7137-4_82)

24	The Interview Master to Predict Personality Traits	C. Rishitha, D. Harshitha, J. Meghana P. Alekhya	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE ,**PP: 773-782**	Vol- 1096	04 Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_75 (https://doi.org/10.1007/978-981-99-7137-4_75)
25	Integrating Image Processing and Convolution Neural Networks for Water Quality Detection (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_77)	J Akhila Mailaram, Pavani Naga Kumari Basa, A. Sai Sravya, Banvita Yadam	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE ,**PP:** **795-804**	Vol- 1096	04 Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_77 (https://doi.org/10.1007/978-981-99-7137-4_77)
26	Deep Learning Paradigm for Time Series Stock Prediction (https://link.springer.com/chapter/10.1007/978-981-99-7137-4_78)	J Dhanya Bodapati, Vandana Elaprolu, Navya Peram	Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering . ICCCE 2024. Lecture Notes in Electrical Engineering, vol 1096. Springer, Singapore.LNEE ,**PP:** **805-814**	Vol- 1096	04 Feb 2024	https://doi.org/10.1007/978-981-99-7137-4_78 (https://doi.org/10.1007/978-981-99-7137-4_78)

27	People counting and tracking system in real-time using deep learning techniques	A. Hanshika, A. Lahari, P. Arunodaya, R. Ashwini	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	July 2023	https://doi.org/10.22214/ijraset.2023.54644 (https://doi.org/10.22214/ijraset.2023.54644)
28	Prediction of Mental Health Instability using Machine Learning and Deep Learning Algorithms	N. Shraddha, P. Vaishnavi, K. Shirisha	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	July 2023	https://doi.org/10.22214/ijraset.2023.54645 (https://doi.org/10.22214/ijraset.2023.54645)
29	Prediction of Personality Traits and Suitable Job through an Intelligent Interview Agent using Machine Learning	G. Shriya, Pradeepta Sanagarapu, Md. Afreen, Divyanjali Sirigiri	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	vol 11, Issue 7	July 2023	https://doi.org/10.22214/ijraset.2023.54646 (https://doi.org/10.22214/ijraset.2023.54646)
30	Marker Based Augmented Reality using Vuforia and Unity 1	Arpita Bejugam , C Hasitha , K Sai Sreelekha , Musku Srihitha	Journal of Emerging Technologies and Innovative Research	Vol. 2,Issue 4,pp: 298-303	Apr 2023,	2349-5162
31	Prediction of BMI from Facial Image using Deep Learning	Shreya Motkar N.Yamini Swamy N. Sanjana Shereen Sultana	International Research Journal of Engineering and Technology (IRJET)	volume 10,Issue 06	June 2023	2395-0056
32	T.Swapna, D.Akhila,P.Srija,T.Shivani, P.Srinidhi	Diabetic Retinopathy Classification using Transfer learning	International Journal of Advanced Trends in Computer Science and Engineering	Volume 12, No.3, pp:110-116,May - June 2023	Google Scholar	2278-3091 https://www.warse.org/IJATCSE/static/pdf/file/ijatcse021232023.pdf

33	Semantic enrichment of textual data through knowledge extraction	Harshitha Kasu Line Meghana N Roshni Reddy P Shreya	5 th International Conference on Data Science, Machine Learning & Applications (GNITS-2023)		December 2023	
34	Diabetic Retinopathy Diagnosis using Image Processing and Deep Learning Methods.	Addepalli Sai Sriyam Akurathi Meghana Harshini Vutukuri Sandhya Thota	Big Data, Virtual Reality, Information & Communication Technologies (BVRITHCON-2023)		December 2023	

Table No 4.5.3.13 : National Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	20251A05G3	M.Supriya Reddy	ThrowBall	M G I T	13&15Oct 2023	National	Winners
2	22251A05A0	A.Poojasree	ThrowBall	M G I T	13&15Oct 2023	National	Winners
3	22251A05H0	Haniah fathima	Teble Tennis	G E C	18&20Nov2023	National	Winners
4	22251A05H0	Haniah fathima	Teble Tennis(Singles)	G E C	18&20Nov2023	National	Winners
5	20251A05G3	M.Supriya Reddy	ThrowBall	Sreenidhi	20&21Nov2023	National	Winners
6	20251A05G3	M.Supriya Reddy	ThrowBall	vardhaman	21-23Dec2023	National	Winners
7	20251A05F1	A. Chandana	KHO-KHO	vardhaman	21-23 Dec2023	National	Winners

8	22251A5A0	A.Pooja Sree	ThrowBall	ABVP	6&7JAN2024	National	Winners
9	22251A05K1	V.Shravya	ThrowBall	ABVP	6&7JAN2024	National	Winners
10	22251A0517	S.Amulya	ThrowBall	ABVP	6&7JAN2024	National	Winners
11	21E31A0575	P. Radha Alekhya	Basket ball	ABVP	6&7JAN2024	National	Winners
12	21251A0592	R L N harshitha	Basket ball	ABVP	6&7JAN2024	National	Winners
13	20251A05F1	A. Chandana	Kho-Kho	Vignan Universiy	1 to 3 FEB 24	National	Winners
14	20251A05G3	M. SUPRIYA REDDY	Throw Ball	Vignan Universiy	1 to 3 FEB 24	National	Winners
15	20251A05G3	M. SUPRIYA REDDY	Throw Ball	VIT-AP	18&19 FEB 2024	National	Winners
16	20251A05F1	A. Chandana	Kho-kho	VIT-AP	18&19 FEB 2024	National	Winners
17	20251A05G3	M. SUPRIYA REDDY	Throw Ball	KL UNIVERSITY	21&22 FEB 2024	National	Winners
18	20251A05F1	A. Chandana	Kho-kho	KL UNIVERSITY	20-Feb-24	National	Winners
19	20251A05G3	M. SUPRIYA REDDY	Throw ball	BVRIT	23&24 FEB 2024	National	Winners
20	22251A05A0	A . Poojasree	Throw ball	BVRIT	23&24 FEB 2024	National	Winners
21	21251A05E5	K.HARINI	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
22	21251A05D9	G.VARSHITHA	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
23	21251A0577	J.RICHITHA	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
24	20251A0583	M. SHRADHA RAO	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners

25	21E31A0575	P.RADHA ALEKYA	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners
26	21251A0592	RLN HARSHITHA	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners
27	22251A05F8	V.INDHU	KABADDI	VJIT	1 &2 MAR 2024	National	Runners
28	22251A05H0	HANIAH FATHIMA	TABLE TENNIS(D)	VJIT	1 &2 MAR 2024	National	Winners
29	20251A05G3	M. SUPRIYA REDDY	Throw ball	VASAVI C O E	15-Mar-24	National	Winners
30	22251A05A0	A.POOJASREE	Throw ball	VASAVI C O E	15-Mar-24	National	Winners

A Y (2022-2023)

Table No 4.5.3.14 : National/International Level Hackathons:

S. NO	**H. T No**	**Name**	**Name of the Event**	**Achievement type**	**Organised by**	**Organized at State/ National Level**
1	19251A0504	A. Shivani Reddy	Hackwithinfy 2022	Participation	Infosys Pune DC	National
2	19251A05B1	Samudrala Keerthana Pravallika	Eyantra	Participated	IIT Bombay	National
3	19251A05B1	Samudrala Keerthana Pravallika	Engineering Equity	Participated	Virtusa	National
4	19251A05D5	S.Divya	UNESCO	Psrticipation	Ministery of Education	International
5	21251A05D8	Pravalika Gandhamalla	National level hackathon on rich web application development	Consolation prize	Nalla narshima Reddy college	National

6	21251A05F8	Sana Sultana	National Level Hackathon on rich web applications	Consolation prize	Nalla Narasimha Reddy College of Engineerin g	National

Table No 4.5.3.15 : List of student Publications:

S.No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year	WebLink
1	Automatic Irrigation and Crop Monitoring System Using IoT and Deep Learning	Srujana Dadi, D. Nikhila, K. Rithika, D. Pravalika	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023	https://www.ripublication.com/acst22/acstv16n1_1.pdf (https://www.ripublication.com/acst22/acstv16n1_1.pdf)
2	A Deep Learning Technique to Recommend Music Based on Facial and Speech Emotions.	Abhinaya.B., Sahithi.A.	ICT for Intelligent Systems. ICTIS 2023. Smart Innovation, Systems and Technologies, vol 361. Springer, Singapore.	vol 361, 978-981-99-4039-4	September 2023	https://doi.org/10.1007/978-981-99-3982-4_3 (https://doi.org/10.1007/978-981-99-3982-4_3)

3	An Efficient Abstractive Summarization of Research Articles Using Pegasus Model	Reddy, R.P., Charitha, N., Gandla, R., Sujana, P.	IOT with Smart Systems. ICTIS 2023. Lecture Notes in Networks and Systems, Springer, Singapore.	vol 720, 978-981-99-3760-8	September 2023	https://doi.org/10.1007/978-981-99-3761-5_2 (https://doi.org/10.1007/978-981-99-3761-5_2)
4	Detection of COVID-19 and Pneumonia using Chest X-ray Scans with Deep Learning	Vulpala Akshara, Valgot Shreya, Vundavelly Gayathri and Nirupama Varma	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023	https://www.ripublication.com/acst22/acstv16n1_3.pdf (https://www.ripublication.com/acst22/acstv16n1_3.pdf)
5	Diet Recommendation System Based On Vitamin Intake	K. Chetna Reddy, Preethika Chennareddy and Nuzhath Jahan	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023	https://www.ripublication.com/acst22/acstv16n1_4.pdf (https://www.ripublication.com/acst22/acstv16n1_4.pdf)
6	Comparison of Machine Learning Algorithms for Detection of Stuttering in Speech	Sarvagna Gudlavalleti, Ramyasri Lakka, Rithika Kuchanpally	Advances in Computational Sciences and Technology	16,1, 0973-6107	2023	https://www.ripublication.com/acst22/acstv16n1_5.pdf (https://www.ripublication.com/acst22/acstv16n1_5.pdf)
7	Evaluation of Deep Learning Models for Fake News Detection	G. Jayanthi, G. Meghana, G. Sushma, M. Sharanya	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023	https://www.ripublication.com/ijcir22/ijcirv19n1_1.pdf (https://www.ripublication.com/ijcir22/ijcirv19n1_1.pdf)

8	Future of Project Management with Machine Learning	Lalitha Surya Kumari,	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023	https://www.ripublication.com/ijcir22/ijcirv19n1_2.pdf (https://www.ripublication.com/ijcir22/ijcirv19n1_2.pdf)
9	Language Interpretation Using Machine Learning	Chepuri Sai Tejaswini, Minati Srinivas, Manusree Cheruvu, Modem Keerthana	International Journal of Computational Intelligence Research	19,1, 0973-1873	2023	https://www.ripublication.com/ijcir22/ijcirv19n1_4.pdf (https://www.ripublication.com/ijcir22/ijcirv19n1_4.pdf)
10	Question Generation System Using NLP	, Bitla Sharon, Janagam Sindhu, Kothakapu Arpitha Reddy, Atiki Likhith	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023	https://www.ripublication.com/ijcse20/ijcsev13n1_1.pdf (https://www.ripublication.com/ijcse20/ijcsev13n1_1.pdf)
11	Smart Fit On Using Machine Learning and Deep Learning Techniques	Begari Shailaja, Daripali Aparna, Gayatri Shambhu Shastri Taluka Tejaswi	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023	https://www.ripublication.com/ijcse20/ijcsev13n1_2.pdf (https://www.ripublication.com/ijcse20/ijcsev13n1_2.pdf)

12	Train Delay Prediction Using Machine Learning and Deep Learning Techniques	, D. Ashritha Reddy, Dondeti Pavani Shreya Reddy S	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023	https://www.ripublication.com/ijcse20/ijcsev13n1_3.pdf (https://www.ripublication.com/ijcse20/ijcsev13n1_3.pdf)
13	Water Quality Prediction using Image Processing and Machine Learning Models	Akhila Mailaram, Pavani Naga Kumari Basa, A. Sai Sravya B. Banvita Yadam	International Journal of Computational Science and Engineering.	13,1, 2249-4251	2023	https://www.ripublication.com/ijcse20/ijcsev13n1_4.pdf (https://www.ripublication.com/ijcse20/ijcsev13n1_4.pdf)
14	Feature extraction to detect and classify diabetic retinopathy using fundal images	P.Srija,T.Shivani, D.Akhila,P.Srinidhi	International Research Journal of Engineering and Technology	Vol. 9,Issue 11, pp:599-610, November 2022,2395-0072	Google Scholar	https://www.irjet.net/archives/V9/i11/IRJET-V9I11130.pdf

Table No 4.5.3.16 : National Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	19251A05G6	S.Shriya	ThrowBall	B V R I T	12&13Oct22	National level	Winners
2	20251A05G3	Supriya Reddy	ThrowBall	B V R I T	12&13Oct22	National level	Winners
3	20251A0585	S.Soumitha	ThrowBall	B V R I T	12&13Oct22	National level	Winners

4	19251A05A0	N.Caritha	Volly Ball	B V R I T	12&13Oct22	National level	Winners
5	21251A521	P.Sathvika	Volly Ball	B V R I T	12&13Oct22	National level	Winners
6	19251A05G6	S.Shriya	ThrowBall	C B I T	4&6Nov22	National level	Winners
7	20251A05G3	Supriya Reddy	ThrowBall	C B I T	4&6Nov22	National level	Winners
8	20251A0585	S.Soumitha	ThrowBall	C B I T	4&6Nov22	National level	Winners
9	21251A521	P.Sathvika	Volly Ball	C B I T	4&6Nov22	National level	Winners
10	19251A05F4	I.Ramya sri	Table Tennis(S)	C B I T	4&6Nov22	National level	Runners
11	19251A05G6	S.Shriya	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
12	20251A05G3	Supriya Reddy	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
13	20251A0585	S.Soumitha	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
14	19251A05A0	N.Caritha	Volly Ball	G.N.T.I.S	25&26Nov22	National level	Runners
15	21251A521	P.Sathvika	Volly Ball	G.N.T.I.S	25&26Nov22	National level	Runners
16	19251A0528	J.Chandrika	kho kho	G.N.T.I.S	25&26Nov22	National level	Winners
17	20251A05F1	A.Chandhana	kho kho	G.N.T.I.S	25&26Nov22	National level	Winners
18	21251A0592	R.L.N.Harshitha	Basket Ball	G.N.T.I.S	25&26Nov22	National level	Runners
19	21251A05J7	B.Sreenidhi Rao	Basket Ball	G.N.T.I.S	25&26Nov22	National level	Runners
20	19251A05F4	I.Ramya sri	Table Tennis(Teem)	G.N.T.I.S	25&26Nov22	National level	Winners
21	19251A0528	J.Chandrika	kho kho	Sreedevi	2&3Dec22	National level	Winners

22	20251A05F1	A.Chandhana	kho kho	Sreedevi	2&3Dec22	National level	Winners
23	19251A05G6	S.Shriya	ThrowBall	BITS	02-Feb-23	National level	Winners
24	20251A05G3	Supriya Reddy	ThrowBall	BITS	02-Feb-23	National level	Winners
25	20251A0585	S.Soumitha	ThrowBall	BITS	02-Feb-23	National level	Winners
26	19251A05F4	L.Ramya Sri	Table Tennis	VNR VJIT	9&10-Feb-23	National level	Winners
27	19251A05G6	S.Shriya	ThrowBall	VITAP	19 Feb to 2 March 23	National level	Winners
28	20251A05G3	Supriya Reddy	ThrowBall	VITAP	20 Feb to 2 March 23	National level	Winners
29	20251A0585	S.Soumitha	ThrowBall	VITAP	26 Feb to 2 March 23	National level	Winners
30	20251A0585	S.Sushmitha	ThrowBall	VITAP	28 Feb to 2 March 23	National level	Winners
31	19251A0528	J.Chandrika	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
32	20251A05C6	G.Someswari	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
33	20251A05F1	A.Chandhana	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
34	19251A05F4	l.Ramya sri	Table Tennis(Teem)	Arora	27-Feb-23	National level	Winners
35	19251A05G6	S.Shriya	ThrowBall	VJIT	2 &3 March 23	National level	Winners
36	20251A05G3	Supriya Reddy	ThrowBall	VJIT	2 &3 March 23	National level	Winners
37	20251A0585	S.Soumitha	ThrowBall	VJIT	2 &3 March 23	National level	Winners
38	19251A05A0	N.Caritha	Volly Ball	VJIT	2 &3 March 23	National level	Winners

39	21251A521	P.Sathvika	Volly Ball	V J I T	2 &3 March 23	National level	Winners
40	21251A0592	R.L.N.Harshitha	Basket Ball	V J I T	2 &3 March 23	National level	Runners
41	21251A05J7	B.Sreenidhi Rao	Basket Ball	V J I T	2 &3 March 23	National level	Runners
42	19251A05F4	I.Ramya sri	Table Tennis(Team)	V J I T	2 &3 March 23	National level	Winners
43	19251A05G6	S.Shriya	ThrowBall	Anurag	9 &10 March 23	National level	Winners
44	20251A05G3	Supriya Reddy	ThrowBall	Anurag	9 &10 March 23	National level	Winners
45	20251A0585	S.Soumitha	ThrowBall	Anurag	9 &10 March 23	National level	Winners
46	19251A05A0	N.Caritha	Volly Ball	Anurag	9 &10 March 23	National level	Winners
47	21251A521	P.Sathvika	Volly Ball	Anurag	9 &10 March 23	National level	Winners
48	19251A0528	J.Chandrika	kho kho	Anurag	9 &10 March 23	National level	Winners
49	20251A05F1	A.Chandhana	kho kho	Anurag	9 &10 March 23	National level	Winners
50	19251A05G6	S.Shriya	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
51	20251A05G3	Supriya Reddy	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
52	20251A0585	S.Soumitha	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
53	19251A05A0	N.Caritha	Volly Ball	Mahindra	3rd 4th april 2023	National level	Winners
54	21251A521	P.Sathvika	Volly Ball	Mahindra	3rd 4th april 2023	National level	Winners
55	19251A05G6	S.Shriya	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners

56	20251A05G3	Supriya Reddy	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners
57	20251A0585	S.Soumitha	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners
58	19251A0528	J.Chandrika	kho kho	G.R.I.E.T	26 & 27 April 23	National level	Winners
59	20251A05F1	A.Chandhana	kho kho	G.R.I.E.T	26 & 27 April 23	National level	Winners

A.Y 2021-2022

Table No 4.5.3.17 : National/International Level Hackathons:

S. No	Roll No	Name	Event Type	Achievement Type	Venue / Organized by	Organized at State / National Level
1	18251A05A8	Nagasamudram Manaswini	Hackathon	Participated	Arcane Innovation, Gulzar Group of Institutions	National

Table No 4.5.3.18 : List of student Publications:

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year	WebLink
1	Detection and Classification of Skin diseases using Deep Learning	AVineela M. Navyasree N. Sushmtha P. Bhavana	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp. 1096:1101,August 2021, IF:6.3,0886-9367	UGC	https://www.gnits.ac.in/wp-content/uploads/2021/12/109-IJAEMA-AUGUST-6176.pdf
2	Signature Verification by Graph Theory	E. Himaja and G. Tharunya Varma	ICRDMMS	Participated	Dec 2021	
3	Analysis of Eye Gaze Response to Predict Cognitive and Behaviour Abilities of an Individual to Determine Developmental Disorders.	R., Kalyani, N., Sai Usha, R., Sai Sree, G.L.	Smart Intelligent Computing and Applications, Volume 2. Smart Innovation, Systems and Technologies, Springer, Singapore.	vol 283. https://doi.org/10.1007/978-981-16-9705-0_5	May 2022	

4	Machine Learning Algorithms-The Effect of Training and Testing Process	Tharunya Varma	ICRDMMS	Participated	Dec 2021	
5	Game Theory-Minimax Algorithm	M. Sindhuja	ICRDMMS	Participated	Dec 2021	

Table No 4.5.3.19 : National Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	19251A05G8	R.Navya	ThrowBall	B V R I T	30&31March 22	National	Winners
2	21251A05G8	CH.Vangmai	ThrowBall	B V R I T	30&31March 22	National	Winners
3	18251A0574	K.Vinisha	ThrowBall	K P R I T	7&8April22	National	Winners
4	18251A0598	Shubhankari	ThrowBall	K P R I T	7&8April22	National	Winners
5	19251A05G6	S.Shriya	ThrowBall	K P R I T	7&8April22	National	Winners
6	19251A05F4	I.Ramya sri	Teble Tennis(S)	M G I T	8&9April22	National	Runners
7	19251A05F4	I.Ramya sri	Teble Tennis(D)	M G I T	8&9April22	National	Winners
8	20251A0541	Charishma	ThrowBall	M G I T	8&9April22	National	Winners

9	2025A0585	Sushmitha	ThrowBall	M G I T	8&9April22	National	Winners
10	19251A05G6	S.Shriya	ThrowBall	M G I T	8&9April22	National	Winners
11	20251A0527	V.Rakshitha	Volly Ball	M G I T	8&9April22	National	Winners
12	19251A05A0	N.Caritha	Volly Ball	M G I T	8&9April22	National	Winners
13	19251A05G6	S.Shriya	ThrowBall	Mahaveer	12&13April22	National	Winners
14	19251A0573	Anvitha	Chess	Mahaveer	12&13April22	National	Runners
15	19251A05F4	I.Ramya sri	Teble Tennis(S)	Mahaveer	12&13April22	National	Runners
16	20251A0527	V.Rakshitha	Volly Ball	Anurag	22&23April22	National	Winners
17	19251A05A0	N.Caritha	Volly Ball	Anurag	22&23April22	National	Winners
18	19251A0576	D.Pravalika	Volly Ball	Anurag	22&23April22	National	Winners
19	18251A0574	K.Vinisha	ThrowBall	Anurag	22&23April22	National	Winners
20	18251A0598	Shubhankari	ThrowBall	Anurag	22&23April22	National	Winners
21	19251A05G6	S.Shriya	ThrowBall	Anurag	22&23April22	National	Winners
22	20251A05G3	Supriya Reddy	ThrowBall	Anurag	22&23April22	National	Winners
23	18251A0567	Ds.Poojasena	kho kho	Anurag	22&23April22	National	Winners
24	19251A0528	J.Chandrika	kho kho	Anurag	22&23April22	National	Winners
25	20251A05F1	A.Chandhana	kho kho	Anurag	22&23April22	National	Winners
26	19251A05F4	I.Ramya sri	Teble Tennis(D)	Anurag	22&23April22	National	Winners

27	18251A0574	K.Vinisha	ThrowBall	V J I T	12&13May22	National	Winners
28	18251A0598	Shubhankari	ThrowBall	V J I T	12&13May22	National	Winners
29	19251A05G6	S.Shriya	ThrowBall	V J I T	12&13May22	National	Winners
30	20251A05G3	M.Supriya Reddy	ThrowBall	V J I T	12&13May22	National	Winners
31	18251A0567	Ds.Poojasena	kho kho	V J I T	12&13May22	National	Winners
32	19251A0528	J.Chandrika	kho kho	V J I T	12&13May22	National	Winners
33	20251A05F1	A.Chandhana	kho kho	V J I T	12&13May22	National	Winners
34	18251A0598	Shubhankari	ThrowBall	J B I T	25&26May22	National	Winners
35	19251A05G6	S.Shriya	ThrowBall	J B I T	25&26May22	National	Winners
36	20251A05G3	M.Supriya Reddy	ThrowBall	J B I T	25&26May22	National	Winners
37	18251A0574	K.Vinisha	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
38	20251A05G3	Supriya Reddy	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
39	19251A05G6	S.Shriya	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
40	20251A0527	V.Rakshitha	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
41	19251A05A0	N.Caritha	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
42	19251A0576	D.Pravalika	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
43	19251A0528	J.Chandrika	kho kho	VIGNAN	16&18Jun22	National	Winners
44	20251A05F1	A.Chandhana	kho kho	VIGNAN	16&18Jun22	National	Winners

45	19251A0576	D.Pravalika	Volly Ball	VIGNAN	16&18Jun22	National	Winners
46	19251A05A0	N.Caritha	Volly Ball	VIGNAN	16&18Jun22	National	Winners
47	18251A0574	K.Vinisha	ThrowBall	VIGNAN	16&18Jun22	National	Winners
48	20251A05G3	Supriya Reddy	ThrowBall	VIGNAN	16&18Jun22	National	Winners
49	19251A05G6	S.Shriya	ThrowBall	VIGNAN	16&18Jun22	National	Winners
50	19251A05F4	I.Ramya sri	Teble Tennis(S)	VIGNAN	16&18Jun22	National	Winners
51	19251A05F4	I.Ramya sri	Teble Tennis(D)	VIGNAN	16&18Jun22	National	Winners

A.Y 2020-2021

Table No 4.5.3.20 : National/International Level Hackathons:

S.No	Roll No	Name	Event Type	Event Name	Achievement Type	Venue / Organized by	Organized at State / National Level
1	18251A05A8	Nagasamudram Manaswini	Hackathon	Innothon 2021-A National Level Hackathon	Participated	Arcane Innovation,Gulzar Group of Institutions	National
2	17251A05E7	T Yamini Reddy	Hackathon	Smart India Hackathon 2020	Participated	SmartBridge	National
3	18251A05G2	Amulya Mamidala	Hackathon	Dare 2 compete online hackathon festival	Participated	NIT Rourkela	National

Table No 4.5.3.21 : List of Student Publications:

S. No	Title	Student Details	Journal / Conference	Volume, Issue, ISSN/ ISBN numbers	Year
1	Exploiting the vulnerabilities of traditional captcha system and exemplifying smart captcha system	E. Satvika, K. Prathyusha Srishti Mathur	International Conference on 'Emerging Trends in Circuit branch Technologies and Applications'	Presented	Apr 2021
2	Automatic reminder list to assist people with Alzehmer's	Shireesha Gundeti	International Conference on Smart Computing and Informatics	978-98-11055-44-7,Springer	October 2020
3	Sensile Psychosis	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020
4	A Complete Care to Shishu	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020
5	Crop Monitoring and Recommendation System using Machine Learning and IOT	K. Pranavi R. Pallavi Reddy, B. Vinitha, K. Rishita	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume 9, Issue 9, Pages 621-625	July 2020
6	Exploiting the vulnerabilities of traditional captcha system and exemplifying smart captcha system'	E. Satvika, K. Prathyusha Srishti Mathur	International Conference on 'Emerging Trends in Circuit branch Technologies and Applications'	Presented	Apr 2021
7	'Sensile Psychosis' and 'A Complete Care to Shishu'	G. Sukanya, V. Ramya Sree A. Bhavani	International Conference on Robotics Design and Application using Wireless Sensor Networks	Presented	Nov 2020

8	Facial emotion recognition of multiple persons in a live video stream using deep learning	Ch. Mandakini	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, ISSN : 0886-9367, pp: 645-649,August 2021, IF:6.3	August 2021
9	AUTOMATIC QUESTION GENERATION SYSTEM	Yaramada Akshara, Sindhuja Nadgoud, Veda Charitha Bandikallu	IRJET	Volume: 08 Issue: 11 Nov 2021	Nov 2021

Table No 4.5.3.22 : National Level Sports Student Participation list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	19251A05F4	L.Ramya Sri	Table Tennis(G)	S NI S T	12-06-2021	National	Runners
2	18251A0574	K.Vinisha	ThrowBall	S NI S T	12-06-2021	National	Winners
3	19251A05G6	S.Shriya	ThrowBall	S NI S T	12-06-2021	National	Winners
4	19251A05G8	R.Navya	ThrowBall	S NI S T	12-06-2021	National	Winners
5	18251A0530	Madhuri	Volley Ball	S NI S T	12-06-2021	National	Winners
6	18251A05A8	Manaswini	Volley Ball	S NI S T	12-06-2021	National	Winners
7	19251A05A0	N.Caritha	Volley Ball	S NI S T	12-06-2021	National	Winners

8	19251A0576	Pravalika	Volley Ball	S NI S T	12-06-2021	National	Winners
9	20251A0527	V.Rakshitha	Volley Ball	S NI S T	12-06-2021	National	Winners

C. Prizes / Awards received in such events (5)

Table No 4.5.3.23 : Summary of Prizes / Awards:

S.No	Academic Year	Hackathons / Other Events	Sports
1	2023-2024	9	40
2	2022-2023	25	73
3	2021-2022	31	63
4	2020-2021	28	18

Glimpses of Awards

Congratulations!
HACKATHON
10,000

Department of CSE
Hearty Congratulations....

BEST STUDENT ACHIEVEMENT
OF THE MONTH
OCTOBER-2023
III-CSE-C
CSE
Congratulations!

Congratulations!

Department of CSE
Hearty Congratulations....

A.Y (2023-2024)

Table No 4.5.3.24 : State/National/International Level Hackathons:

S. NO	H. T No	Name	Name of the Event	Achievement type	Organised by	Organized at State / National Level

1	21251A0588	P. Durga Devi	Nasa space app challenges (State level)	Winner	Space App India	International
2	21251A0582	Kyama Kalpana	Nasa space app challenges (State level)	Winner	Space App India	International
3	21251A0572	Chintam Sohan	Nasa space app challenges (State level)	Winner	Space App India	International
4	21251A05A9	K.Sai Srija	Nasa space app challenges (State level)	Winner	Space App India	International
5	21251A05E6	K. Chandana	Nasa space app challenges (State level)	Winner	Space App India	International
6	21251A0596	Touti Reddy Ritika Reddy	Nasa space app challenges (State level)	Winner	Space App India	International
7	22251A05A6	Deveram Mahalaxmi	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET)	State

8	22251A0599	Ananya Sangani	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET)	State
9	22251A0586	Mekala Samiksha	Challenge ACI	Winner	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET)	State

Table No 4.5.3.25 : State Level Sports Student Winners list :

S No	Roll No	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	20251A05G3	M. SUPRIYA REDDY	Throw Ball	Mahindra University	15&16 FEB 2024	State	Winners
2	22251A05A0	A . Poojasree	Throw Ball	CVR	28&29 FEB 2024	State	Winners
3	20251A05G3	M. SUPRIYA REDDY	Throw Ball	Mala reddy e c	1 &2 MAR 2024	State	Winners
4	22251A05A0	A . Poojasree	Throw Ball	Mala reddy e c	1 &2 MAR 2024	State	Winners
5	21251A04F2	P. GAYATHRI	Throw Ball	Mala reddy e c	1 &2 MAR 2024	State	Winners
6	20251A05G3	M. SUPRIYA REDDY	Throw Ball	JBIT	1 &2 MAR 2024	State	Winners
7	22251A05A0	A. POOJASREE	Throw Ball	JBIT	1 &2 MAR 2024	State	Winners
8	23251A0528	PRANEETHA	KHO-KHO	JBIT	1 &2 MAR 2024	State	Winners

9	20251A05G3	M. SUPRIYA REDDY	Throw ball	IPE	16-Mar-24	State	Winners
10	22251A05A0	A . Poojasree	Throw ball	IPE	16-Mar-24	State	Winners

Table No 4.5.3.26 : National Level Sports Student Winners list :

S No	RollNo	Student Name	Event Name	Organized by	Date	State / National / International	Awards
1	20251A05G3	M.Supriya Reddy	ThrowBall	M G I T	13&15Oct 2023	National	Winners
2	22251A05A0	A.Poojasree	ThrowBall	M G I T	13&15Oct 2023	National	Winners
3	22251A05H0	Haniah fathima	Teble Tennis	G E C	18&20Nov2023	National	Winners
4	22251A05H0	Haniah fathima	Teble Tennis(Singles)	G E C	18&20Nov2023	National	Winners
5	20251A05G3	M.Supriya Reddy	ThrowBall	Sreenidhi	20&21Nov2023	National	Winners
6	20251A05G3	M.Supriya Reddy	ThrowBall	vardhaman	21-23Dec2023	National	Winners
7	20251A05F1	A. Chandana	KHO-KHO	vardhaman	21-23 Dec2023	National	Winners
8	22251A5A0	A.Pooja Sree	ThrowBall	ABVP	6&7JAN2024	National	Winners
9	22251A05K1	V.Shravya	ThrowBall	ABVP	6&7JAN2024	National	Winners
10	22251A0517	S.Amulya	ThrowBall	ABVP	6&7JAN2024	National	Winners
11	21E31A0575	P. Radha Alekhya	Basket ball	ABVP	6&7JAN2024	National	Winners

12	21251A0592	R L N harshitha	Basket ball	ABVP	6&7JAN2024	National	Winners
13	20251A05F1	A. Chandana	Kho-Kho	Vignan Universiy	1 to 3 FEB 24	National	Winners
14	20251A05G3	M. SUPRIYA REDDY	Throw Ball	Vignan Universiy	1 to 3 FEB 24	National	Winners
15	20251A05G3	M. SUPRIYA REDDY	Throw Ball	VIT-AP	18&19 FEB 2024	National	Winners
16	20251A05F1	A. Chandana	Kho-kho	VIT-AP	18&19 FEB 2024	National	Winners
17	20251A05G3	M. SUPRIYA REDDY	Throw Ball	KL UNIVERSITY	21&22 FEB 2024	National	Winners
18	20251A05F1	A. Chandana	Kho-kho	KL UNIVERSITY	20-Feb-24	National	Winners
19	20251A05G3	M. SUPRIYA REDDY	Throw ball	BVRIT	23&24 FEB 2024	National	Winners
20	22251A05A0	A . Poojasree	Throw ball	BVRIT	23&24 FEB 2024	National	Winners
21	21251A05E5	K.HARINI	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
22	21251A05D9	G.VARSHITHA	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
23	21251A0577	J.RICHITHA	Volley ball	BVRIT	23&24 FEB 2024	National	Runners
24	20251A0583	M. SHRADHA RAO	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners
25	21E31A0575	P.RADHA ALEKYA	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners
26	21251A0592	RLN HARSHITHA	BASKET BALL	VJIT	1 &2 MAR 2024	National	Winners
27	22251A05F8	V.INDHU	KABADDI	VJIT	1 &2 MAR 2024	National	Runners
28	22251A05H0	HANIAH FATHIMA	TABLE TENNIS(D)	VJIT	1 &2 MAR 2024	National	Winners

29	20251A05G3	M. SUPRIYA REDDY	Throw ball	VASAVI C O E	15-Mar-24	National	Winners
30	22251A05A0	A.POOJASREE	Throw ball	VASAVI C O E	15-Mar-24	National	Winners

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Table No 4.5.3.27 : National Level Hackathons:

S. No	H.T No	Name	Name of the Event	Achievement type	Organised by	Organized at State / National Level
1	23251A05J6	P Sai Shalini Reddy	Leo district installation	Winner	Lions club international	National
2	19251A05B1	Samudrala Keerthana Pravallika	SIH	Winner	Ministery Of Education	National
3	19251A05B5	S.Divya	SIH	Winner	Ministery Of Education	National
4	19251A05D6	Ch.Prathyusha	Anveshana	Winner	Agasya International Foundation	National

5	19251A05D0	B.Vidya Sree	Anveshana	Winner	Agasya International Foundation	National

Highlights

- **24-hour** hackathon on **Cyber Security'** for II B.Tech. students in association with **Indian Servers,** Hyderabad on 15/04/2023. Winners of the hackathon are as follows and received internship offers: E. Pavani, K. Jayasri Vaishnavi, K. Sai Charitha, N. Ravitherni, P. Kavya.
- **V. Hema Chandrika,** II CSE C won **I Prize** in **Google Solution Challenge Hackathon** conducted by I-Cell at GNITS on 28/03/2023.**L. Jharna** and **Sana Sultana**, II CSE C won **III Prize** in **Google Solution Challenge Hackathon** conducted by I-Cell at GNITS on 28/03/2023.
- **Sana Sultana**, II CSE C won **II Prize** in **Toycathon** conducted by I-Cell at GNITS on 25/01/2023.**Faiza Hameed,** I CSE A won **II Prize**in **Toycathon** conducted by I-Cell at GNITS on 25/01/2023.
- **2 students** received **Best Research Paper Awards** in the **6th Pure Earth Environment Conference** organised by Pure Earth Foundation and Jawaharlal Nehru Architecture and Fine Arts University in Hyderabad in Apr 2023.**Faiza Hameed,** I CSE A has been awarded as the **Second-Best Research Paper Award.M. Samiksha,** I CSE B has been awarded as the **Third-Best Research Paper Award. Ch. Pratyusha and B. Vidya Sree(2019-2023 batch),won a consolation prize at Anveshana 2023 finals for the idea on Healthcare product.**
- **J. Bhavana,** II CSE B has won 2nd position for the Coding Challenge **"Code2Execute"** jointly organised by **The Erudites Club** of GNITS, Hyderabad and e2eHiring Pvt. Ltd. on 8/05/2023.
- **G. Tharunya Varma,** III CSE A secured as **Winner** in **Women's Day Coding Contest** organized by Blackbucks Engineers held on 8/3/2023.
- **Ch. Sohan,** II CSE B selected as **Campus Ambassador** by **Coding Ninjas** from 02/03/23 to 02/09/23.
- **D. Mahalaxmi,** I CSE B won the **Special Mention** for showing excellent skills in Research, Negotiation & Diplomacy, during the GNITS Model United Nations held from 27/01/2023 to 29/01/2023 at GNITS.

Sports Awards :

Table No 4.5.3.28 : State Level Sports Student Winners list :

S No	RollNo	Student Name	Event Name	Organized by	Date	State / National / International	Awards
1	19251A0528	J.Chandrika	kho kho	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
2	20251A05F1	A.Chandhana	kho kho	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
3	19251A05A0	N.Caritha	Volly Ball	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners

4	21251A521	P.Sathvika	Volly Ball	BHEL, Hyderabad	14 & 15 Aug 2022	State level	Winners
5	19251A05G6	S.Shriya	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
6	20251A05G3	Supriya Reddy	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
7	20251A0585	S.Soumitha	ThrowBall	C V R	2 &3 Feb 23	State level	Winners
8	19251A05G6	S.Shriya	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners
9	20251A05G3	Supriya Reddy	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners
10	20251A0585	S.Soumitha	ThrowBall	K.G Reddy	17 &18 April 23	State level	Winners
11	21251A0592	R.L.N.Harshitha	Basket Ball	K.G Reddy	17 &18 April 23	State level	Winners
12	21251A05J7	B.Sreenidhi Rao	Basket Ball	K.G Reddy	17 &18 April 23	State level	Winners
13	20251A05G3	Supriya Reddy	ThrowBall	J.B.I.T	9 & 10 Jun 23	State level	Winners
14	20251A0585	S.Soumitha	ThrowBall	J.B.I.T	9 & 10 Jun 23	State level	Winners

Table No 4.5.3.29 : : National Level Sports Student Winners list :

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards
1	19251A05G6	S.Shriya	ThrowBall	B V R I T	12&13Oct22	National level	Winners
2	20251A05G3	Supriya Reddy	ThrowBall	B V R I T	12&13Oct22	National level	Winners
3	20251A0585	S.Soumitha	ThrowBall	B V R I T	12&13Oct22	National level	Winners

4	19251A05A0	N.Caritha	Volly Ball	B V R I T	12&13Oct22	National level	Winners
5	21251A521	P.Sathvika	Volly Ball	B V R I T	12&13Oct22	National level	Winners
6	19251A05G6	S.Shriya	ThrowBall	C B I T	4&6Nov22	National level	Winners
7	20251A05G3	Supriya Reddy	ThrowBall	C B I T	4&6Nov22	National level	Winners
8	20251A0585	S.Soumitha	ThrowBall	C B I T	4&6Nov22	National level	Winners
9	21251A521	P.Sathvika	Volly Ball	C B I T	4&6Nov22	National level	Winners
10	19251A05F4	I.Ramya sri	Table Tennis(S)	C B I T	4&6Nov22	National level	Runners
11	19251A05G6	S.Shriya	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
12	20251A05G3	Supriya Reddy	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
13	20251A0585	S.Soumitha	ThrowBall	G.N.T.I.S	25&26Nov22	National level	Winners
14	19251A05A0	N.Caritha	Volly Ball	G.N.T.I.S	25&26Nov22	National level	Runners
15	21251A521	P.Sathvika	Volly Ball	G.N.T.I.S	25&26Nov22	National level	Runners
16	19251A0528	J.Chandrika	kho kho	G.N.T.I.S	25&26Nov22	National level	Winners
17	20251A05F1	A.Chandhana	kho kho	G.N.T.I.S	25&26Nov22	National level	Winners
18	21251A0592	R.L.N.Harshitha	Basket Ball	G.N.T.I.S	25&26Nov22	National level	Runners
19	21251A05J7	B.Sreenidhi Rao	Basket Ball	G.N.T.I.S	25&26Nov22	National level	Runners
20	19251A05F4	I.Ramya sri	Table Tennis(Teem)	G.N.T.I.S	25&26Nov22	National level	Winners
21	19251A0528	J.Chandrika	kho kho	Sreedevi	2&3Dec22	National level	Winners

22	20251A05F1	A.Chandhana	kho kho	Sreedevi	2&3Dec22	National level	Winners
23	19251A05G6	S.Shriya	ThrowBall	BITS	02-Feb-23	National level	Winners
24	20251A05G3	Supriya Reddy	ThrowBall	BITS	02-Feb-23	National level	Winners
25	20251A0585	S.Soumitha	ThrowBall	BITS	02-Feb-23	National level	Winners
26	19251A05F4	L.Ramya Sri	Table Tennis	VNR VJIT	9&10-Feb-23	National level	Winners
27	19251A05G6	S.Shriya	ThrowBall	VITAP	19 Feb to 2 March 23	National level	Winners
28	20251A05G3	Supriya Reddy	ThrowBall	VITAP	20 Feb to 2 March 23	National level	Winners
29	20251A0585	S.Soumitha	ThrowBall	VITAP	26 Feb to 2 March 23	National level	Winners
30	20251A0585	S.Sushmitha	ThrowBall	VITAP	28 Feb to 2 March 23	National level	Winners
31	19251A0528	J.Chandrika	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
32	20251A05C6	G.Someswari	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
33	20251A05F1	A.Chandhana	kho kho	VITAP	19 Feb to 2 March 23	National level	Runners
34	19251A05F4	l.Ramya sri	Table Tennis(Teem)	Arora	27-Feb-23	National level	Winners
35	19251A05G6	S.Shriya	ThrowBall	VJIT	2 &3 March 23	National level	Winners
36	20251A05G3	Supriya Reddy	ThrowBall	VJIT	2 &3 March 23	National level	Winners
37	20251A0585	S.Soumitha	ThrowBall	VJIT	2 &3 March 23	National level	Winners
38	19251A05A0	N.Caritha	Volly Ball	VJIT	2 &3 March 23	National level	Winners

39	21251A521	P.Sathvika	Volly Ball	V J I T	2 &3 March 23	National level	Winners
40	21251A0592	R.L.N.Harshitha	Basket Ball	V J I T	2 &3 March 23	National level	Runners
41	21251A05J7	B.Sreenidhi Rao	Basket Ball	V J I T	2 &3 March 23	National level	Runners
42	19251A05F4	I.Ramya sri	Table Tennis(Team)	V J I T	2 &3 March 23	National level	Winners
43	19251A05G6	S.Shriya	ThrowBall	Anurag	9 &10 March 23	National level	Winners
44	20251A05G3	Supriya Reddy	ThrowBall	Anurag	9 &10 March 23	National level	Winners
45	20251A0585	S.Soumitha	ThrowBall	Anurag	9 &10 March 23	National level	Winners
46	19251A05A0	N.Caritha	Volly Ball	Anurag	9 &10 March 23	National level	Winners
47	21251A521	P.Sathvika	Volly Ball	Anurag	9 &10 March 23	National level	Winners
48	19251A0528	J.Chandrika	kho kho	Anurag	9 &10 March 23	National level	Winners
49	20251A05F1	A.Chandhana	kho kho	Anurag	9 &10 March 23	National level	Winners
50	19251A05G6	S.Shriya	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
51	20251A05G3	Supriya Reddy	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
52	20251A0585	S.Soumitha	ThrowBall	Mahindra	3rd 4th april 2023	National level	Winners
53	19251A05A0	N.Caritha	Volly Ball	Mahindra	3rd 4th april 2023	National level	Winners
54	21251A521	P.Sathvika	Volly Ball	Mahindra	3rd 4th april 2023	National level	Winners
55	19251A05G6	S.Shriya	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners

56	20251A05G3	Supriya Reddy	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners
57	20251A0585	S.Soumitha	ThrowBall	I P E Insititute	25-Apr-23	National level	Winners
58	19251A0528	J.Chandrika	kho kho	G.R.I.E.T	26 & 27 April 23	National level	Winners
59	20251A05F1	A.Chandhana	kho kho	G.R.I.E.T	26 & 27 April 23	National level	Winners

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Table No 4.5.3.30 : State Level Hackathons:

S.No	Roll No	Name	Event Type	Event Name	Achievement Type	Venue / Organized by	Organized at State / National Level
1	18251A05A8	Nagasamudram Manaswini	Hackathon	JPMC Code For Good	Winner	JP Morgan Chase & CO	State
2	19251A0526	Gayatri Shambhu Shastri	Code Challenge	NLP Program	Winner	Dev Incept	State

Highlights

- **M. Suma,** II CSE C participated in an International Space App challenge hackathon conducted by **NASA** from 16/06/2022 to 17/06/2022 and secured a medal.
- **24-hour** hackathon on **'Applied Data Science with IBM Cloud'** for III B. Tech students in association with **Smart Bridge Solutions Pvt. Ltd.,** Hyderabad from 12/11/2022 to 13/11/2022. Winners of the hackathon are as follows:**I Prize** -Ch. Vamshi Priya, M. Sruthi, K. Sudeepthi, M. Sihrisha Reddy.**II Prize** - V. Keerthi, P. Siri Chandana, G. Samhitha, R. Sravanthi, III CSD.
- **36-hour** hackathonon **MERN Stack Applications Development** for II B. Tech students in association with **Brain O Vision Solutions Pvt. Ltd**., Hyderabad from 07/04/2022 to 08/04/2022. Winners of the hackathon follows and received internship offer.**I Prize** -O. Soumya Mani Madhavi, Akshara, Lahari, II CSE C, **II Prize** - Saima Muzafar Hussain, Hafsa Rahim, Tahniyath Zamani Sama,Sayeeda JuvanaKhan,II CSE A
- Ch. Sai Tejaswini, Ch. Minati, Ch. Manusree and M. Keerthana presented a paper in ICICC-22 organized by GNITS in Nov 22 and won '**Best paper award'.**
- **Tharunya Varma III CSE-A, received 2nd prize in Essay Writing Competition on Cyber Security in JNTUH Golden Jubilee Celebrations in Sept 2022.**
- **Keerthi Sri, III CSE-C, received 2nd prize in short film on Cyber Security at JNTUH Golden Jubilee Celebrations in Sept 2022.**

- **V. Niharika II CSE B, secured 3rd position in the Coding Contest organized by Techno Club as part of Scheme of Promoting Interests Creativity and Ethics among Students(SPICES), AICTE in Gudla valleru Engineering College from 28/01/2022 to 29/01/2022.**
- **K. Keerthi Sri, III CSE C secured Certificate of Appreciation as Broadcasting Head (ABHAYA) for the incredible services rendered during SILVER JUBILEE CELEBRATIONS from 13/12/2022 to 15/12/2022.**
- **Faiza Hameed, I CSE A has won 1st prize in Lok Sabha held as a part of Regalia, the Inter-Collegiate-Fest, organized by Literaria Clava, the literary club of GNITS on 24/11/2022**
- **M. Varshini, IV CSE C achieved Indian World Record for the First Film to shoot in 4 l anguages simultaneously titled 'RED ALERT', secured 1st place in IFH national level singing super star competition and title winner of Bol Baby Bol 6 in sept 2022**

Table No 4.5.3.31 : Sports Student Winners list :

S No	RollNo	Student Name	Event Name	Organized by	Date	State / National / International	Awards
1	19251A05G8	R.Navya	ThrowBall	Malla Reddy E	4&5March	State	Winners
2	21251A05G8	CH.Vangmai	ThrowBall	Malla Reddy E	4&5March	State	Winners
3	18251A0574	K.Vinisha	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
4	18251A0598	Shubhankari	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
5	19251A05G8	R.Navya	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
6	20251A05G3	Supriya Reddy	ThrowBall	Malla Reddy(U)	16&17March 22	State	Winners
7	18251A05A8	Manaswini	Volly Ball	B V R I T	30&31March 22	State	Winners
8	19251A05A0	N.Caritha	Volly Ball	B V R I T	30&31March 22	State	Winners
9	19251A0576	Pravalika	Volly Ball	B V R I T	30&31March 22	State	Winners
10	20251A0527	V.Rakshitha	Volly Ball	B V R I T	30&31March 22	State	Winners
11	18251A0574	K.Vinisha	ThrowBall	Mahaveer	12&13April22	state	Winners

12	18251A0574	K.Vinisha	ThrowBall	J B I T	25&26May22	state	Winners

Table No 4.5.3.32 : National Level Sports Student Winners list :

S No	RollNo	Student Name	Event Name	Organized by	Date	State / National / International	Awards
1	19251A05G8	R.Navya	ThrowBall	B V R I T	30&31March 22	National	Winners
2	21251A05G8	CH.Vangmai	ThrowBall	B V R I T	30&31March 22	National	Winners
3	18251A0574	K.Vinisha	ThrowBall	K P R I T	7&8April22	National	Winners
4	18251A0598	Shubhankari	ThrowBall	K P R I T	7&8April22	National	Winners
5	19251A05G6	S.Shriya	ThrowBall	K P R I T	7&8April22	National	Winners
6	19251A05F4	I.Ramya sri	Teble Tennis(S)	M G I T	8&9April22	National	Runners
7	19251A05F4	I.Ramya sri	Teble Tennis(D)	M G I T	8&9April22	National	Winners
8	20251A0541	Charishma	ThrowBall	M G I T	8&9April22	National	Winners
9	2025A0585	Sushmitha	ThrowBall	M G I T	8&9April22	National	Winners
10	19251A05G6	S.Shriya	ThrowBall	M G I T	8&9April22	National	Winners
11	20251A0527	V.Rakshitha	Volly Ball	M G I T	8&9April22	National	Winners
12	19251A05A0	N.Caritha	Volly Ball	M G I T	8&9April22	National	Winners
13	19251A05G6	S.Shriya	ThrowBall	Mahaveer	12&13April22	National	Winners
14	19251A0573	Anvitha	Chess	Mahaveer	12&13April22	National	Runners

15	19251A05F4	I.Ramya sri	Teble Tennis(S)	Mahaveer	12&13April22	National	Runners
16	20251A0527	V.Rakshitha	Volly Ball	Anurag	22&23April22	National	Winners
17	19251A05A0	N.Caritha	Volly Ball	Anurag	22&23April22	National	Winners
18	19251A0576	D.Pravalika	Volly Ball	Anurag	22&23April22	National	Winners
19	18251A0574	K.Vinisha	ThrowBall	Anurag	22&23April22	National	Winners
20	18251A0598	Shubhankari	ThrowBall	Anurag	22&23April22	National	Winners
21	19251A05G6	S.Shriya	ThrowBall	Anurag	22&23April22	National	Winners
22	20251A05G3	Supriya Reddy	ThrowBall	Anurag	22&23April22	National	Winners
23	18251A0567	Ds.Poojasena	kho kho	Anurag	22&23April22	National	Winners
24	19251A0528	J.Chandrika	kho kho	Anurag	22&23April22	National	Winners
25	20251A05F1	A.Chandhana	kho kho	Anurag	22&23April22	National	Winners
26	19251A05F4	I.Ramya sri	Teble Tennis(D)	Anurag	22&23April22	National	Winners
27	18251A0574	K.Vinisha	ThrowBall	V J I T	12&13May22	National	Winners
28	18251A0598	Shubhankari	ThrowBall	V J I T	12&13May22	National	Winners
29	19251A05G6	S.Shriya	ThrowBall	V J I T	12&13May22	National	Winners
30	20251A05G3	M.Supriya Reddy	ThrowBall	V J I T	12&13May22	National	Winners
31	18251A0567	Ds.Poojasena	kho kho	V J I T	12&13May22	National	Winners
32	19251A0528	J.Chandrika	kho kho	V J I T	12&13May22	National	Winners

33	20251A05F1	A.Chandhana	kho kho	V J I T	12&13May22	National	Winners
34	18251A0598	Shubhankari	ThrowBall	J B I T	25&26May22	National	Winners
35	19251A05G6	S.Shriya	ThrowBall	J B I T	25&26May22	National	Winners
36	20251A05G3	M.Supriya Reddy	ThrowBall	J B I T	25&26May22	National	Winners
37	18251A0574	K.Vinisha	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
38	20251A05G3	Supriya Reddy	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
39	19251A05G6	S.Shriya	ThrowBall	S N I S T	8 & 11 JUN 22	National	Winners
40	20251A0527	V.Rakshitha	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
41	19251A05A0	N.Caritha	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
42	19251A0576	D.Pravalika	Volly Ball	S N I S T	8 & 11 JUN 22	National	Winners
43	19251A0528	J.Chandrika	kho kho	VIGNAN	16&18Jun22	National	Winners
44	20251A05F1	A.Chandhana	kho kho	VIGNAN	16&18Jun22	National	Winners
45	19251A0576	D.Pravalika	Volly Ball	VIGNAN	16&18Jun22	National	Winners
46	19251A05A0	N.Caritha	Volly Ball	VIGNAN	16&18Jun22	National	Winners
47	18251A0574	K.Vinisha	ThrowBall	VIGNAN	16&18Jun22	National	Winners
48	20251A05G3	Supriya Reddy	ThrowBall	VIGNAN	16&18Jun22	National	Winners
49	19251A05G6	S.Shriya	ThrowBall	VIGNAN	16&18Jun22	National	Winners
50	19251A05F4	I.Ramya sri	Teble Tennis(S)	VIGNAN	16&18Jun22	National	Winners

51	19251A05F4	I.Ramya sri	Teble Tennis(D)	VIGNAN	16&18Jun22	National	Winners

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Table No 4.5.3.33 : State Level Hackathons Winners :

S.No	**Roll No**	**Name**	**Event Type**	**Event Name**	**Achievement Type**	**Venue / Organized by**	**Organized at State / National Level**
1	18251A05A8	Nagasamudram Manaswini	Hackathon	JPMC Code For Good	Winner	JPMC	State
2	19251A05B1	Keerthana Pravallika Samudrala	Code Challenge	SQL Intermediate Skill Certificate	HackerRank Skill Certificate	HackerRank	State

Highlights

- **D.V.Sai Chandana,** II CSE C, participated in **'(Foodies Palace)Web-build-a-thon**' 36-hour hackathon conducted by Smart Internz in collaboration with go Daddy and **won II prize** in Jan 2021.
- **T. Yamini Reddy** and team III CSE C was participated in **Smart India Hackathon 2020(Software Edition)** finals on '**Predictive analysis model to estimate the crop yield and its compensation'**.
- **36-hour** hackathon on **ML Applications Using IBM Cloud & Watson Studio** for III B. Tech students in association with **Smart Bridge Solutions Pvt. Ltd.,** Hyderabad from 18/12/2021 to 19/12/2021. Selected **top 5** batches in the hackathon and offered internship,externship for the top two batches and opportunity to work in guided projects for the remaining batches. Following are the winners.**I Prize-** Gayathri II CSE A, D. Divya, E. Vandana, M. Ashritha, II CSE B.**II Prize -** Ch. Sai Charitha, K. Pujitha, R. Laxmi Krithika, II CSE C.
- **36-hour** hackathon on **Web Development** for I B. Tech students in association with **Brain O Vision solutions India Pvt. Ltd**., Hyderabad from 14/08/2021 to 16/08/2021. Winners of the hackathon are as follows and they received internship offer.**I Prize** - O. Soumya mani madhavi, M. Suma, Mishritha Reddy, L. Harini, Lahari Yadav, II CSE C. **II Prize** - K. Renu, M. Sadvika, L. Sravani, R. Poojitha, D. Naveena Kumari, II CSE B.
- **E. Satvika, K. Prathyusha** and **Srishti Mathur,**IV CSE A, presented a paper titled **'Exploiting the vulnerabilities of traditional captcha system and exemplifying smart captcha system'**in International Conference on 'Emerging Trends in Circuit branch Technologies and Applications'organized by CBIT in April 2021 and won '**Best paper award'**for Session(Cloud Computing and Cyber Security) and Conference.
- **Gayatri Shambhu Shastri, II CSE A,** Received **I prize** in a code challenge '**NLP Program**' conducted by Dev Incept in April 2021.
- **Y. Vaishnavi,**II CSE received **Top Performer award** by Giri Script Foundation during **Uplift Project** on Machine Learning in Sept 2021.
- **D.V.Sai Chandana,** II CSE C,won **III Prize** in **POSTYER** – A National Level Poster Presentation Fest organized by IEEE Student Branch-64491, in Jan 2021.

- **Gayatri Shambhu Shastri,** II CSE A, o**ne of the top scorers** in National Level Technical Quiz ‘Bridged By Deloitte’ organized by Deloitte in Jan 2021.
- **M. Sandhya,** IV CSE B Won **‘Sipahi Award’** from Swathi Lakra IPS officer and Anushka Shetty, an Indian actress for her services during COVID-19 pandemic in 2021

Sports Awards:

Table No 4.5.3.34: Student State Level Sports Student Winners list:

S No	RollNo	Student Name	Event Name	Organized by	Date	State / National / International	Awards
1	16251A04A9	T.Harika	Throw Ball	C V R	4&5JAn2020	State	Winners
2	16251A12C0	Y.Suvishna	Throw Ball	C V R	4&5JAn2020	State	Winners
3	16251A04D6	G.Tejasree	Throw Ball	C V R	4&5JAn2020	State	Winners
4	16251A0202	A.Sandya	Throw Ball	C V R	4&5JAn2020	State	Winners
5	16251A0534	N.Keerthi	Throw Ball	C V R	4&5JAn2020	State	Winners
6	17251A04F8	K.Aashritha	Throw Ball	C V R	4&5JAn2020	State	Winners
7	17251A12B7	T.Pavani	Throw Ball	C V R	4&5JAn2020	State	Winners
8	18251A1738	G.Vinusha	Throw Ball	C V R	4&5JAn2020	State	Winners
9	18251A0574	K.Vinisha	Throw Ball	C V R	4&5JAn2020	State	Winners

Table No 4.5.3.35: National Level Sports Student Wiinners list

S No	RollNo	Student Name	Event Name	Organized by	Date	State/ National/ International	Awards

1	19251A05F4	L.Ramya Sri	Table Tennis(G)	S NI S T	12-06-2021	National	Runners
2	18251A0574	K.Vinisha	ThrowBall	S NI S T	12-06-2021	National	Winners
3	19251A05G6	S.Shriya	ThrowBall	S NI S T	12-06-2021	National	Winners
4	19251A05G8	R.Navya	ThrowBall	S NI S T	12-06-2021	National	Winners
5	18251A0530	Madhuri	Volley Ball	S NI S T	12-06-2021	National	Winners
6	18251A05A8	Manaswini	Volley Ball	S NI S T	12-06-2021	National	Winners
7	19251A05A0	N.Caritha	Volley Ball	S NI S T	12-06-2021	National	Winners
8	19251A0576	Pravalika	Volley Ball	S NI S T	12-06-2021	National	Winners
9	20251A0527	V.Rakshitha	Volley Ball	S NI S T	12-06-2021	National	Winners

Internship Details

Table No 4.5.3.36 : Summary of Internship Details :

A Y	Paid Internship	Unpaid Internship	Total
2023-24	122	-	122
2022-23	116	09	125
2021-22	140	17	157
2020-21	101	31	132

A Y 2023-24

Table No 4.5.3.37 : Student Internship Details:

S. No	Roll No	Full Name	Year	Organization	Stipend (In INR)
1	20251A0507	Himaja Elluru	IV	Salesforce	₹ 1,25,000
2	20211A05C6	Sri Eesha Kavuri	IV	Microsoft	₹ 1,25,000
3	21251A0580	Abhigna Reddy Katta	III	Microsoft	₹ 1,25,000
4	22255A0508	Anusha Korimi	III	Microsoft	₹ 1,25,000
5	21251A05K2	Hema Chandrika Veerla	III	Microsoft	₹ 1,25,000
6	21251A05F3	Kethana Reddy Peddireddy	III	Microsoft	₹ 1,25,000
7	21251A0559	Manisha Rayapati	III	Microsoft	₹ 1,25,000
8	21251A05E3	Naga jyothi Kailasa	III	Microsoft	₹ 1,25,000
9	21251A0543	Shireesha K	III	Microsoft	₹ 1,25,000
10	21251A0576	Shriya Gunda	III	Microsoft	₹ 1,25,000
11	20251A0513	Shruti Devidas Mahada	IV	Twilio	₹ 1,16,700
12	20251A05E0	Soumya Mani Madhavi Oruganti	IV	Twilio	₹ 1,16,700
13	21251A0545	Amrutha Varshini Katanguri	III	PayPal	₹ 1,00,000
14	21251A05D4	Chindukuru Vijaya Rishitha	III	Adobe	₹ 1,00,000
15	21251A0528	Keerthi Songa	III	PayPal	₹ 1,00,000
16	21251A05F1	Lakshmi Shiva Namana	III	PayPal	₹ 1,00,000
17	21251A0552	Natasha Tanoom	III	Adobe	₹ 1,00,000
18	21251A05G7	Neha Bajjuri	III	PayPal	₹ 1,00,000
19	21251A0572	Sohan Chintam	III	Adobe	₹ 1,00,000
20	21251A0532	Thrishathi Vyala	III	Adobe	₹ 1,00,000
21	21251A0530	Veeksha Vadlakonda	III	Walmart	₹ 1,00,000
22	21251A0531	Vijaya Sri Vemula Kurmaiah	III	Adobe	₹ 1,00,000
23	21251A05B5	Akshitha Mittapally	III	ServiceNow	₹ 80,000
24	21251A0566	Sai Srujana Akkaladevi	III	ServiceNow	₹ 80,000
25	21251A05H4	Thrisha Gudipati	III	ServiceNow	₹ 80,000
26	20251A0591	B DEEKSHITHA	IV	JP Morgan Chase	₹ 70,000
27	20251A0505	Hafsa Rahim	IV	JP Morgan Chase	₹ 70,000
28	20251A0532	Meghana Akurathi	IV	ServiceNow	₹ 70,000

29	20251A0561	Meghana Ayyala Somayajula	IV	ServiceNow	₹ 70,000
30	20251A0561	Meghana Ayyala Somayajula	IV	JP Morgan Chase	₹ 70,000
31	20251A0561	Meghana Ayyala Somayajula	IV	ServiceNow	₹ 70,000
32	20251A0540	Prathyusha Gaddam	IV	JP Morgan Chase	₹ 70,000
33	20251A0553	SHIVANI P	IV	JP Morgan Chase	₹ 70,000
34	20251A0511	Sindhuja Mudunuru	IV	JP Morgan Chase	₹ 70,000
35	20251A05H2	Sudeshna Pasula	IV	ServiceNow	₹ 70,000
36	20251A0520	Tejaswini Srikanth	IV	ServiceNow	₹ 70,000
37	20251A0520	Tejaswini Srikanth	IV	JP Morgan Chase	₹ 70,000
38	20251A0520	Tejaswini Srikanth	IV	ServiceNow	₹ 70,000
39	20251A05F0	Vaishnavi Vangaveti	IV	JP Morgan Chase	₹ 70,000
40	20251A0530	Venakata Satya Sarika Yegireddi	IV	JP Morgan Chase	₹ 70,000
41	21251A05E1	Asrika Gunreddy	III	JP Morgan Chase	₹ 70,000
42	21251A05G9	Keerthana Chinta	III	JP Morgan Chase	₹ 70,000
43	21251A0550	MANPREET KAUR	III	JP Morgan Chase	₹ 70,000
44	21251A0568	Meghana Suresh	III	JP Morgan Chase	₹ 70,000
45	21251A0521	Puskur Sathwika	III	JP Morgan Chase	₹ 70,000
46	21251A05A8	SAHITHI KARNATI	III	JP Morgan Chase	₹ 70,000
47	21251A05F6	Sai Lidvitha Reddy Leburu	III	JP Morgan Chase	₹ 70,000
48	21251A0525	Samreen Fatima	III	JP Morgan Chase	₹ 70,000
49	21251A05F2	Shivani Nancharla	III	JP Morgan Chase	₹ 70,000
50	21251A05E2	Shravya Janamanchi	III	JP Morgan Chase	₹ 70,000
51	21251A0589	Shrujana Reddy Patlolla	III	JP Morgan Chase	₹ 70,000
52	21251A0536	Soumya Bandari	III	JP Morgan Chase	₹ 70,000
53	21251A0595	Supriya Sunka	III	JP Morgan Chase	₹ 70,000
54	20251A0596	Hema Chekuri	IV	JP Morgan Chase & Co.	₹ 50,000
55	20251A0515	Sahitya Vyshnavi Miriyala	IV	UiPath	₹ 50,000
56	20251A0556	Tahniyath Zamani Sama Faruqui	IV	JP Morgan Chase & Co.	₹ 50,000
57	21255A0509	Snehalatha Billa	IV	AT & T	₹ 45,356

58	20251A0594	Abhigna Bollam	IV	Providence	₹ 40,000
59	20251A0594	Abhigna Bollam	IV	Providence	₹ 40,000
60	20251A0579	Chandana Reddy Ramidi	IV	Providence	₹ 40,000
61	20251A0589	Niharika Vangaveeti	IV	Providence	₹ 40,000
62	20251A05H6	S. Lahari Yadav	IV	Providence	₹ 40,000
63	20251A05B7	Sai Pallavi Sistla	IV	Providence	₹ 40,000
64	20251A05B7	Sai Pallavi Sistla	IV	Providence	₹ 40,000
65	21251A05E6	Chandana Kummari	III	Providence	₹ 40,000
66	21251A0541	Malavika ganugapyata	III	Providence	₹ 40,000
67	21251A0589	Shrujana Reddy Patlolla	III	Providence	₹ 40,000
68	21251A0531	Vijaya Sri Vemula Kurmaiah	III	Providence	₹ 40,000
69	21251A0599	BANOTH SAUJANYA LAXMI BAI	III	S&P Global	₹ 35,000
70	21251A05H8	Jharna Lashkar	III	S&P Global	₹ 35,000
71	21251A05J4	Keerthi Rapolu	III	S&P Global	₹ 35,000
72	21251A05F0	Nagavarapu Leema Sri	III	S&P Global	₹ 35,000
73	21251A0529	Srivaishnavi Karnatapu	III	S&P Global	₹ 35,000
74	21251A05G8	Vangmai Chakravarthi	III	S&P Global	₹ 35,000
75	20251A0571	Chandana Savithri M	IV	Salesforce	₹ 30,000
76	21255A0511	Chereala Nissi	IV	CleanHarbors	₹ 30,000
77	20251A0528	Hari chandana Veeramalla	IV	Salesforce	₹ 30,000
78	20251A0533	Hari Priya Aturi	IV	SS & C Technologies	₹ 30,000
79	21255A0502	Harshini D	IV	IBM	₹ 30,000
80	20251A0529	Harshini Vutukuri	IV	IBM	₹ 30,000
81	20251A0554	Keerthana S	IV	Salesforce	₹ 30,000
82	20251A0532	Meghana Akurathi	IV	SS & C Technologies	₹ 30,000
83	20251A05E4	Sanjana Vuyyuru	IV	SS & C Technologies	₹ 30,000
84	20251A0513	Shruti Devidas Mahada	IV	Salesforce	₹ 30,000
85	20251A0570	Sravani L	IV	SS & C Technologies	₹ 30,000
86	20251A05H4	Sravya Petluri	IV	SS & C Technologies	₹ 30,000

87	20211A05C6	Sri Eesha Kavuri	IV	IBM	₹ 30,000
88	21255A0507	Srija Reddy Bakkannagari	IV	CleanHarbors	₹ 30,000
89	20251A05B0	Varshini Matur	IV	SS & C Technologies	₹ 30,000
90	20251A0514	Venkata Naga Sai Priya Mattupalli	IV	Salesforce	₹ 30,000
91	21251A0549	Nandini Maise	III	AVEVA	₹ 30,000
92	21251A05C3	Vinuthna Ravilala	III	AVEVA	₹ 30,000
93	20251A05H1	Beulah Pappula	IV	Telstra	₹ 25,000
94	20251A05C7	Gummadivelli Maneesha	IV	Telstra	₹ 25,000
95	20251A0555	Rajeshwari Thimmajipet	IV	APTIV	₹ 25,000
96	20251A05H6	S. Lahari Yadav	IV	Merilytics	₹ 25,000
97	20251A05H3	Sai Harshitha Reddy Pendyala	IV	Merilytics	₹ 25,000
98	20251A0544	Shivani K	IV	Telstra	₹ 25,000
99	20251A05C3	Shreshta Reddy Dachireddy	IV	Telstra	₹ 25,000
100	20251A05B0	Varshini Matur	IV	Infosys	₹ 25,000
101	21251A0573	Chinmayee Gonavaram	III	Deloitte	₹ 25,000
102	21251A05H3	Gorantla Sree Harshitha	III	Deloitte	₹ 25,000
103	21255A0510	Poojitha Maidam	IV	MindSprint	₹ 22,000
104	20251A0566	Veera Nandika Gajula	IV	MindSprint	₹ 22,000
105	20251A0579	Chandana Reddy Ramidi	IV	Zelis	₹ 21,000
106	20251A0575	Deepshika Mundla	IV	Zelis	₹ 21,000
107	21255A0502	Harshini D	IV	Zelis	₹ 21,000
108	21255A0504	Harshini Racherla	IV	Zelis	₹ 21,000
109	20251A0589	Niharika Vangaveeti	IV	Zelis	₹ 21,000
110	20251A0581	Poojitha Rasuri	IV	Zelis	₹ 21,000
111	20251A0545	Pranathi Varma Kota	IV	Zelis	₹ 21,000
112	20251A0524	Shaik Liyakhath	IV	Zelis	₹ 21,000
113	20251A0542	Tharunya varma Guda	IV	Zelis	₹ 21,000
114	20251A05E8	Venkata Naga Reva Shreeya Thota	IV	Zelis	₹ 21,000
115	20251A0580	Rashmika Bhandaru	IV	Sirius - A CDW Company	₹ 20,000

116	20251A0585	Surineni Soumitha	IV	Sirius - A CDW Company	₹ 20,000
117	20251A0543	Adhya Indraganti	IV	Open Text	₹ 15,000
118	20251A05E3	Hima Varsha Salana	IV	Open Text	₹ 15,000
119	20251A05F9	Kavya Sree Natti	IV	Ford Business Solutions	₹ 15,000
120	21255A0515	Merugu Mounya	IV	Open Text	₹ 15,000
121	20251A05H6	S. Lahari Yadav	IV	Open Text	₹ 15,000
122	20251A05E5	Sankepalli Swathi	IV	Open Text	₹ 15,000

A.Y:2022-23

Table No 4.5.3.38 : Student Internship Details:

S. No.	Roll Number	Name of the Student	Year	Section	Organization	Stipend / Month
1	20211A05C6	Sri EeshaKavuri	III	CSE-A	Microsoft	₹ 1,25,000
2	20251A6646	Joy Princy Kore	III	CSM	Microsoft	₹ 1,25,000
3	20251A6647	Neha Kothakota	III	CSM	Microsoft	₹ 1,25,000
4	20251A6748	Venkata Sai Satya Kommajosyula	III	CSD	Microsoft	₹ 1,25,000
5	20251A0507	HimajaElluru	III	CSE-A	Salesforce	₹ 1,25,000
6	19251A0520	DondetiPavani	IV	CSE-A	D.E.Shaw	₹ 1,02,083
7	20251A6711	HarikaKacharla	III	CSD	PayPal	₹ 1,00,000
8	20251A6730	SameekshaYerra	III	CSD	PayPal	₹ 1,00,000
9	19251A0571	DhanyaBodapati	IV	CSE-B	Morgan Stanley	₹ 87,000
10	20251A0505	Hafsa Rahim	III	CSE-A	JP Morgan Chase	₹ 70,000
11	20251A0511	SindhujaMudunuru	III	CSE-A	JP Morgan Chase	₹ 70,000
12	20251A0530	Venakata Satya SarikaYegireddi	III	CSE-A	JP Morgan Chase	₹ 70,000
13	20251A0540	PrathyushaGaddam	III	CSE-A	JP Morgan Chase	₹ 70,000

14	20251A0553	Shivani P	III	CSE-A	JP Morgan Chase	₹ 70,000
15	20251A0591	BeeramDeekshitha	III	CSE-B	JP Morgan Chase	₹ 70,000
16	20251A05F0	VaishnaviVangaveti	III	CSE-C	JP Morgan Chase	₹ 70,000
17	20251A6629	Sai Raja VarshithaYenigalla	III	CSM	JP Morgan Chase	₹ 70,000
18	20251A6645	Komal Jain	III	CSM	JP Morgan Chase	₹ 70,000
19	20251A6702	VarshiniAkula	III	CSD	JP Morgan Chase	₹ 70,000
20	20251A6742	MeghanaGajji	III	CSD	JP Morgan Chase	₹ 70,000
21	20251A0520	TejaswiniSrikanth	III	CSE-A	ServiceNow	₹ 70,000
22	20251A0532	MeghanaAkurathi	III	CSE-A	ServiceNow	₹ 70,000
23	20251A0561	MeghanaAyyalaSomayajula	III	CSE-B	ServiceNow	₹ 70,000
24	20251A6610	Sukanya Devi Gurram	III	CSM	ServiceNow	₹ 70,000
25	20251A6714	Shirisha Reddy Madduri	III	CSD	ServiceNow	₹ 70,000
26	20251A6719	SpoorthiPandhiri	III	CSD	ServiceNow	₹ 70,000
27	20251A6727	Shreya Arukala	III	CSD	ServiceNow	₹ 70,000
28	19251A0501	A Sai Sravya	IV	CSE-A	JP Morgan Chase	₹ 70,000
29	19251A0504	AlugubellyShivani Reddy	IV	CSE-A	JP Morgan Chase	₹ 70,000
30	19251A0514	Chepuri Sai Tejaswini	IV	CSE-A	JP Morgan Chase	₹ 70,000
31	19251A0554	Shreya Reddy S	IV	CSE-A	JP Morgan Chase	₹ 70,000
32	19251A0556	SuramRishika Reddy	IV	CSE-A	JP Morgan Chase	₹ 70,000
33	19251A0580	VandanaElaprolu	IV	CSE-B	JP Morgan Chase	₹ 70,000
34	19251A05B5	SuvvadaDivya	IV	CSE-B	JP Morgan Chase	₹ 70,000
35	19251A05G7	Rajoli Lakshmi Krithika	IV	CSE-C	JP Morgan Chase	₹ 70,000
36	19251A05J0	Yada Vaishnavi	IV	CSE-C	JP Morgan Chase	₹ 70,000
37	19251A0565	ArpitaBejugam	IV	CSE-B	JP Morgan Chase	₹ 70,000

38	19251A0526	GayatriShambhuShastri	IV	CSE-A	JP Morgan Chase	₹ 70,000
39	19251A0541	Modem Keerthana	IV	CSE-A	JP Morgan Chase	₹ 70,000
40	19251A05D1	Bashetty Shreya	IV	CSE-C	JP Morgan Chase	₹ 70,000
41	19251A0512	ChVenkateshan Naga Saisriya	IV	CSE-A	Amazon AWS	₹ 50,000
42	19251A0524	G Varshini	IV	CSE-A	Amazon AWS	₹ 50,000
43	19251A0552	ShaistaFirdouse	IV	CSE-A	Amazon AWS	₹ 50,000
44	19251A0521	Donepudi Sri Vennela	IV	CSE-A	AT&T	₹ 45,356
45	19251A0533	KothakapuArpitha	IV	CSE-A	AT&T	₹ 45,356
46	19251A05E2	GaddamSathwika	IV	CSE-C	Cloudera	₹ 45,000
47	20251A0579	Chandana Reddy Ramidi	III	CSE-B	Providence	₹ 40,000
48	20251A0589	NiharikaVangaveeti	III	CSE-B	Providence	₹ 40,000
49	20251A0594	Abhigna Bollam	III	CSE-B	Providence	₹ 40,000
50	20251A05B7	Sai PallaviSistla	III	CSE-B	Providence	₹ 40,000
51	20251A05H6	S. Lahari Yadav	III	CSE-C	Providence	₹ 40,000
52	20251A6644	sudeepthikalisapudi	III	CSM	Providence	₹ 40,000
53	20251A6656	BinduSreeSingamsetty	III	CSM	Providence	₹ 40,000
54	20251A6731	Siri VennelaBadhe	III	CSD	Providence	₹ 40,000
55	20251A6734	Shreya Chanda	III	CSD	Providence	₹ 40,000
56	19251A0581	E.Deepika	IV	CSE-B	Experian	₹ 40,000
57	19251A05B7	SreehithaThatwadi	IV	CSE-B	Experian	₹ 40,000
58	19251A05E5	G. Dharani	IV	CSE-C	Experian	₹ 40,000
59	19251A05H7	VundavellyGayathri	IV	CSE-C	Experian	₹ 40,000
60	19251A0599	MudugantiSathwika	IV	CSE-B	HackerRank	₹ 40,000
61	19251A0536	MaddaSharanya	IV	CSE-A	Providence	₹ 40,000

62	19251A05C2	Afshan Khan	IV	CSE-C	Providence	₹ 40,000
63	19251A05A7	PreethikaChennareddy	IV	CSE-B	Providence	₹ 40,000
64	19251A05C3	Alla Monika	IV	CSE-C	PWC	₹ 35,000
65	19251A05B2	SatwikaLankireddy	IV	CSE-B	ABInBev	₹ 30,000
66	20255A0509	KiranmayeeGangalam	IV	CSE-B	ABInBev	₹ 30,000
67	19251A0590	K Sai Sreelekha	IV	CSE-B	Informatica	₹ 30,000
68	19251A0576	D.Pravalika	IV	CSE-B	Informatica	₹ 30,000
69	19251A05F0	K. SwarnaSavitri	IV	CSE-C	Informatica	₹ 30,000
70	19251A0539	ManusreeCheruvu	IV	CSE-A	State Street	₹ 30,000
71	19251A0542	MogudampallyJyothika	IV	CSE-A	State street	₹ 30,000
72	19251A0546	PadalaKavya	IV	CSE-A	State Street	₹ 30,000
73	19251A0569	Bhavana Reddy Kanthala	IV	CSE-B	State Street	₹ 30,000
74	19251A0594	LakavathLikhitha	IV	CSE-B	State Street	₹ 30,000
75	19251A05E4	G.SaiSindhuja	IV	CSE-C	State Street	₹ 30,000
76	20255A0501	ThotlaShivani	IV	CSE-A	State Street	₹ 30,000
77	20255A0513	ThallaSahithi	IV	CSE-C	State Street	₹ 30,000
78	19251A05D2	C Sharika Reddy	IV	CSE-C	Verisk Analytics	₹ 30,000
79	19D21A0502	Aditi Chandoju	IV	CSE-B	Deloitte	₹ 25,000
80	19251A0535	M Bhavani	IV	CSE-A	Deloitte	₹ 25,000
81	19251A0587	J.SanjanaPriya	IV	CSE-B	Deloitte	₹ 25,000
82	19251A05A9	Radhika Gandla	IV	CSE-B	Deloitte	₹ 25,000
83	19251A05H2	SamineniTejaswi	IV	CSE-C	Deloitte	₹ 25,000
84	19251A05H9	Kushi Reddy	IV	CSE-C	Deloitte	₹ 25,000
85	19251A05E9	HarshithaKalidindi	IV	CSE-C	Ericsson	₹ 25,000

86	19271A0573	KanukuntlaAnvitha	IV	CSE-A	Generic solutions	₹ 25,000
87	19251A05G6	PotuBhargavi	IV	CSE-C	LTIMindtree	₹ 25,000
88	19251A05B3	Shereen Sultana	IV	CSE-B	PegaSystems	₹ 25,000
89	19251A0515	ChiluveruMinati	IV	CSE-A	RBC worldwide	₹ 25,000
90	19251A05E1	G.Sreya	IV	CSE-C	Sundhet Laboratories	₹ 25,000
91	19251A05F5	Varshini.Manchikatla	IV	CSE-C	Sundhet Laboratories	₹ 25,000
92	19251A0518	DadiHimaja	IV	CSE-A	LTIMindtree	₹ 22,000
93	19251A0510	BindelaTharuni	IV	CSE-A	Micron	₹ 22,000
94	19251A0544	Narayana SreeBhavani	IV	CSE-A	Micron	₹ 22,000
95	19251A0563	AlladiLahari	IV	CSE-B	Micron	₹ 22,000
96	19251A05H0	S. Pranathi	IV	CSE-C	Micron	₹ 22,000
97	19251A0506	B Madhuri	IV	CSE-A	Viasat(Chennai)	₹ 22,000
98	19251A05C4	AthkuriSahithi	IV	CSE-C	Viasat(Chennai)	₹ 22,000
99	19251A0593	K.Lumbini	IV	CSE-B	EY India	₹ 21,200
100	19251A05H4	SurakaMaha Lakshmi Reddy	IV	CSE-C	EY India	₹ 21,200
101	20255A0515	ShaliniKuchana	IV	CSE-C	LTImindtree	₹ 20,000
102	19251A05C1	AdusumilliYagnaGayathri	IV	CSE-C	Mind Quest	₹ 20,000
103	19251A0513	ChagantiSathvika	IV	CSE-A	OSI Digital	₹ 20,000
104	19251A0595	MuskuSrihitha	IV	CSE-B	Stellantis	₹ 20,000
105	19251A05F8	ManaalGhouse	IV	CSE-C	Strategic Insights	₹ 20,000
106	19251A05G1	MohiniAwadhiya	IV	CSE-C	TecForm Engineers	₹ 16,000
107	19251A0507	B. Nayanika Reddy	IV	CSE-A	White Monkey F&B LLP	₹ 16,000
108	19251A0505	AruguntaSravani	IV	CSE-A	AUTOSAVVY	₹ 15,500
109	19251A0517	D Ashritha Reddy	IV	CSE-A	AUTOSAVVY	₹ 15,500

110	19251A05 D7	D Amulya	IV	CSE-C	Worldwide Technologies	₹ 15,500
111	19251A0575	SrujanaDadi	IV	CSE-B	Axis Bank, Mumbai	₹ 15,000
112	19251A0511	Bitla Sharon	IV	CSE-A	Cognizant	₹ 12,000
113	19251A0583	G.Sivani	IV	CSE-B	Cognizant	₹ 12,000
114	19251A05G4	P Alekhya	IV	CSE-C	Cognizant	₹ 12,000
115	19251A05C9	BandiSruthi	IV	CSE-C	Prowess Soft	₹ 10,000
116	20255A0517	Uppati Devi	IV	CSE-C	ANBLICKS	₹ 5,000

Table No 4.5.3.39 : Student Unpaid Internship Details:

S.No.	Roll Number	Name of the Student	Year	Section	Organization
1	19251A05D8	Harshitha D	IV	CSE-C	PACT Software Services
2	19251A0591	K Chetna Reddy	IV	CSE-B	PACT Software Services
3	19251A0567	Ayesha Ansari	IV	CSE-B	PACT Software Services
4	19251A05E6	G.Sarvagna	IV	CSE-C	SPCRC, IIITH
5	19251A05D3	C Rishitha	IV	CSE-C	TackOn Knowledge Solutions
6	19251A0579	DivyaDosapati	IV	CSE-B	Smartbridge Educational Services Pvt.Ltd
7	19251A05D4	Challa Sai Charitha	IV	CSE-C	Smartbridge Educational Services Pvt.Ltd
8	19251A05D5	Challa Sri Nikitha	IV	CSE-C	Smartbridge Educational Services Pvt.Ltd

9	18251A0570	Nirupama Varma	IV	CSE-C	The Indian Conclave

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Table No 4.5.3.40 : Student Internship Details:

S. No.	Roll No.	Name	Year	Organization	Stipend/ Month
1	18251A0572	J Sushma	IV	IHS Markit, Hyderabad	₹ 25,520.00
2	18251A05C8	G Shriya	IV		₹ 25,520.00
3	18251A05D3	Manne Reshma	IV		₹ 25,520.00
4	18251A05G2	AmulyaMamidala	IV		₹ 25,520.00
5	19255A0513	Thadka S. Keerthika	IV		₹ 25,520.00
6	18251A0594	NainishaBandlamudi	IV	ADP, Hyderabad	₹ 20,000.00
7	18251A05A7	Mansi AG	IV		₹ 20,000.00
8	18251A0511	BhargaviKalyani	IV		₹ 20,000.00
9	18251A0575	KonduruLikitha	IV		₹ 20,000.00
10	18251A05A8	ManaswiniNagasamudram	IV		₹ 20,000.00
11	18251A05B9	Jahnavi	IV	Informatica, Banglore	₹ 30,000.00
12	18251A05C6	HimajaChinnam	IV		₹ 30,000.00
13	18251A05H7	VadugulaAnudeepa	IV		₹ 30,000.00
14	18251A05F8	GundamVihasitha	IV		₹ 30,000.00
15	18251A05C8	G Shriya	IV	NCR, Hyderabad	₹ 30,000.00
16	18251A0561	AakifahBatool	IV	Amazon (CSA), Hyderabad	₹ 50,000.00

17	18251A0577	Sri VidyaMaddipati	IV		₹ 50,000.00
18	18251A05C5	BoorlaSowjanya	IV	Amazon (CSA), Hyderabad	₹ 50,000.00
19	18251A05H4	SravaniKaligotla	IV		₹ 50,000.00
20	18251A0591	AdepuTejaswi	IV	Deloitte (DAS), Hyderabad	₹ 25,000.00
21	18251A05A8	ManaswiniNagasamudram	IV		₹ 25,000.00
22	18251A05C0	Yeluguri Sai Santhoshi	IV		₹ 25,000.00
23	18251A0556	T Aarthika	IV	Deloitte (GDAS), Hyderabad	₹ 25,000.00
24	18251A05A0	SrinidhiGanta	IV		₹ 25,000.00
25	18251A05B5	ChelsyShankiri	IV		₹ 25,000.00
26	18251A0502	AmirishettyPravanya	IV	Deloitte (RFA), Hyderabad	₹ 25,000.00
27	18251A0521	VyomaHarshithaPodapati	IV		₹ 25,000.00
28	18251A05E6	Telugu Mary sony	IV		₹ 25,000.00
29	18251A05F6	HarikaDwarakacharla	IV		₹ 25,000.00
30	18251A0516	Manaswini M	IV	JPMC, Hyderabad	₹ 50,000.00
31	18251A0523	P RamyaSree Sai	IV		₹ 50,000.00
32	18251A0527	TejasriPallati	IV		₹ 50,000.00
33	18251A0552	RishithaPendyala	IV		₹ 50,000.00
34	18251A0562	A. Sri Harshitha	IV		₹ 50,000.00

35	18251A05A7	Mansi AG	IV	JPMC, Hyderabad	₹ 50,000.00
36	18251A05C4	BashettySrija	IV		₹ 50,000.00
37	18251A05D3	Manne Reshma	IV		₹ 50,000.00
38	18251A05D5	AnkithaMekala	IV		₹ 50,000.00
39	18251A05G2	AmulyaMamidala	IV		₹ 50,000.00
40	18251A05G5	MikkilineniAarthi	IV		₹ 50,000.00
41	19255A0503	Rapaka Suma	IV		₹ 50,000.00
42	18251A0530	MadhuriVeeramreddy	IV		₹ 50,000.00
43	18251A0532	Asritha Reddy Adireddy	IV		₹ 50,000.00
44	18251A0537	IrukullaShivani	IV		₹ 50,000.00
45	18251A0542	ChandanaKondaveeti	IV		₹ 50,000.00
46	18251A0551	VyshnaviPabba	IV		₹ 50,000.00
47	18251A0563	AnuguRishika Reddy	IV		₹ 50,000.00
48	18251A0568	PushpanjaliDivi	IV		₹ 50,000.00
49	18251A0583	NikithaAleti	IV		₹ 50,000.00
50	18251A0598	SubhankariThakral	IV		₹ 50,000.00
51	18251A05B4	Samhithanagavani K	IV		₹ 50,000.00
52	18251A05B8	ThanushaPanchati	IV	JPMC, Hyderabad	₹ 50,000.00

53	18251A05E7	ShubhasriVanam	IV		₹ 50,000.00
54	18251A05F7	DindiDivya	IV		₹ 50,000.00
55	18251A05G6	SwethaMudiga	IV		₹ 50,000.00
56	18251A0547	M S V L Sasirekha	IV	Flipkart, Banglore	₹ 1,00,000.00
57	18251A05F9	IkkurthiKeertana	IV		₹ 1,00,000.00
58	18251A05C1	SreeMeghana A	IV		₹ 1,00,000.00
59	18251A05H8	AlekhyaVanga	IV	Vmware, Hyderabad	₹ 50,000.00
60	18251A05G9	ChandanaPatnala	IV		₹ 50,000.00
61	18251A0505	DhuduriSahithi	IV		₹ 50,000.00
62	18251A0546	MeghanaMeda	IV	Service Now, Hyderabad	₹ 70,000.00
63	18251A0546	MeghanaMeda	IV		₹ 70,000.00
64	18251A0576	Simritha M	IV		₹ 70,000.00
65	18251A0594	NainishaBandlamudi	IV		₹ 70,000.00
66	18251A05H9	VootlaGouthami	IV		₹ 70,000.00
67	18251A0565	Avyakta	IV	Yellow Messenger, Hyd	₹ 20,000.00
68	19251A0599	MuduganiSathwika	III	HackerRank	₹ 40,000.00
69	18251A0578	D Mrunalini	IV	Novartis Healthcare Pvt.Ltd, Hyderabad	₹ 25,000.00
70	18251A05E9	G Simritha Reddy	IV		₹ 25,000.00
71	18251A0507	GangadariSushmitha	IV		₹ 25,000.00

72	18251A0548	NukalaGodha	IV		₹ 25,000.00
73	18251A0575	LikhithaKandukuri	IV		₹ 25,000.00
74	18251A05C7	Dwadasi Sri Lahari	IV		₹ 25,000.00
75	18251A0538	MuppaMadhuri	IV	Zenoti India Pvt.Ltd, Hyderabad	₹ 25,000.00
76	18251A0584	S Teja Reddy	IV		₹ 25,000.00
77	18251A05D0	AkankshaKarnati	IV		₹ 25,000.00
78	18251A05F1	AakitiSamhitha	IV	AT&T	₹ 42,731.00
79	18251A0529	Vangaveeti Sai Manisha	IV		₹ 42,731.00
80	18251A05E8	Siri ChandanaCh	IV	DUPONT, Hyderabad	₹ 35,000.00
81	18251A05A2	J Ushasini	IV	State Street, Hyderabad	₹ 30,000.00
82	18251A0504	ChinthalaBhargavi	IV		₹ 30,000.00
83	18251A0571	G Jayasree	IV		₹ 30,000.00
84	18251A05C3	BanavathSneha	IV	FORD Motors, Hyderabad	₹ 15,000.00
85	18251A0533	Chanpreet Kaur Chawla	IV	DanskeIT, Banglore	₹ 20,000.00
86	18251A0513	K EeshaJahnavi	IV	PWC, Hyderabad	₹ 35,000.00
87	18251A0522	HarshithaBoddu	IV		₹ 35,000.00
88	18251A0534	ChirumalaNikhitha	IV		₹ 35,000.00
89	18251A0550	PendyalaSreeSindhooja	IV		₹ 35,000.00

90	18251A0564	BadiniSwetha	IV		₹ 35,000.00
91	18251A0587	SyedaTahmeenaKousar	IV		₹ 35,000.00
92	18251A05B2	Ringu Naga Siromani	IV		₹ 35,000.00
93	18D21A0516	G.Akhila	IV		₹ 35,000.00
94	19255A0501	SruthiGopi	IV		₹ 35,000.00
95	19255A0509	Goda.Preethi Reddy	IV		₹ 35,000.00
96	19255A0516	EjjigiriNiharika	IV		₹ 35,000.00
97	18251A0520	NenavathSowmya	IV	Medtronics, Hyderabad	₹ 40,000.00
98	18251A05D9	PadigelwarVaishnavi	IV		₹ 40,000.00
99	18251A0514	L.SaiShivani	IV	Telstra, Hyderabad	₹ 25,000.00
100	18251A0526	PathepuramSwetha	IV		₹ 25,000.00
101	18251A0541	KasimSahithi	IV		₹ 25,000.00
102	18251A0559	VarthyaShravani	IV		₹ 25,000.00
103	18251A0566	Asmitha G	IV	Telstra, Hyderabad	₹ 25,000.00
104	18251A0585	Manasa Sadhu Reddy	IV		₹ 25,000.00
105	18251A0586	NiharikaShatharaupally	IV		₹ 25,000.00
106	18251A05A9	AsmaKhanamPathan	IV	Micron, Hyderabad	₹ 30,000.00
107	18251A05H3	Shafaqath Fatima	IV		₹ 30,000.00

108	18251A0501	A Sai Sreeja	IV	Social Matters	₹ 15,000.00
109	18251A0503	C Poojitha Reddy	IV	Nihira Solutions	₹ 20,000.00
110	18251A05E3	Sai PriyaSathpute	IV	Peristent Systems, Hyderabad	₹ 10,000.00
111	18251A0553	Christina Rajarapu	IV		₹ 10,000.00
112	19255A0514	A Geethanjali	IV		₹ 10,000.00
113	18251A05B6	S Manasa	IV	Cognizant, Hyderabad	₹ 12,000.00
114	18251A05D8	Nomula Shraddha	IV		₹ 12,000.00
115	18251A05G4	MD Afreen	IV		₹ 12,000.00
116	18251A0558	VasanthaValloju	IV		₹ 12,000.00
117	19255A0510	KadhunooriAparna	IV		₹ 12,000.00
118	19251A05C4	SahithiAthkuri	III	S&P Global, Hyderabad	₹ 20,000.00
119	19251A0565	ArpitaBejugam	III		₹ 20,000.00
120	19251A0565	ArpitaBejugam	III	IIIT Hyderabad (i-HUB)	₹ 18,000.00
121	19251A05B0	AlankruthiSaieni	III		₹ 18,000.00
122	19251A0571	DhanyaBodapati	III	Salesforce, Hyderabad	₹ 40,000.00
123	19251A05D9	DVS Chandana	III		₹ 40,000.00
124	19251A0526	GayatriShambhuShastri	III	SmartBridge Educational Services, Hyderabad	₹ 10,000.00
125	19251A05A0	NagapuriCharitha	III	Twilio, Banglore	₹ 1,22,325.00

126	19251A05B1	SamudralaKeerthanaPravallika	III		₹ 1,22,325.00
127	18251A05A4	RajyalakshmiKanchoju	IV	BNP Paribas, Hyderabad	₹ 50,000.00
128	18251A05C2	ArcotSupriya	IV	Loopin IT, Hyderabad	₹ 10,000.00
129	18251A05D1	K Ravali	IV		₹ 10,000.00
130	18251A05D4	MatheJyothi	IV	Mindtree, Hyderabad	₹ 10,000.00
131	18251A05E4	SirraSneha	IV		₹ 10,000.00
132	18251A0511	KalyaniBhargavi	IV	Zscaler, Hyderabad	₹ 50,000.00
133	19255A0513	Thadka S Keerthika	IV		₹ 50,000.00
134	18251A0525	Sarasani Sahaja	IV	Bank of America, Hyderabad	₹ 53,750.00
135	18251A0539	KoluguriRuchitha Reddy	IV	BrightChamps	₹ 10,000.00
136	19255A0515	J.Chaitanya	IV	Cloud4c	₹ 10,000.00
137	19255A0506	RajahamsaDurgam	IV	Cloud4C	₹ 5,000.00
138	18251A05G8	Nalla Sai sri	IV	EPAM, Hyderabad	₹ 15,000.00
139	18251A05A6	M Ashna Reddy	IV	ECKO Design Studio	₹ 25,000.00
140	19255A0507	DhanikondaVaishnavi	IV	Americ Technology Consulting Pvt.Ltd	₹ 15,000.00

Table No 4.5.3.41 : Student Unpaid Internship Details:

S.No.	Roll No.	Name	Year	Organization
1	19251A0541	Modem Keerthana	III	IIITH

2	20251A6646	Kore Joy Princy	II	International Model United Nations
3	19251A0598	MothukuriAshritha	III	Smartbridge Educational Services
4	19255A0513	Thadka S. keerthika	IV	Apple
5	18251A0574	Vinisha	IV	Apple
6	18251A0572	J Sushma	IV	Apple
7	18251A0543	K Aishwarya	IV	Apple
8	18251A0553	R Christina	IV	Apple
9	18251A0560	Y PriyaAmrutha	IV	Apple
10	18251A05D6	B V N Sai Sudha	IV	Apple
11	18251A05H0	S Pradeepta	IV	Apple
12	18251A05D0	K Akanksha	IV	Apple
13	18251A0597	Tirzah Dirisam	IV	Apple
14	18251A05C9	Ifrah Fatima	IV	Apple
15	19255A0511	ShaikNaseena	IV	Wipro
16	18251A0567	D S Poojasena	IV	Wipro
17	18251A0549	N Sirisha	IV	Aashman Foundation

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Table No 4.5.3.42 : Student Internship Details:

S.No	Roll Number	Name	Company	Package
1	18251A0582	Sai Prasanna Laxmi Reddy	Twilio, Banglore	**₹ 1 Lakh**
2	18251A05C9	Ifrah Fathima		**₹ 1 Lakh**

3	18251A0563	Rishika Reddy		**₹ 1 Lakh**
4	18251A0530	Madhuri Veeramreddy	JPMC, Hyderabad	₹ 50,000
5	18251A0532	Ashritha Reddy Adireddy		₹ 50,000
6	18251A0537	Irukulla Shivani		₹ 50,000
7	18251A0542	Chandana Kondaveeti		₹ 50,000
8	18251A0551	Vyshnavi Pabba		₹ 50,000
9	18251A0563	Anugu Rishika Reddy		₹ 50,000
10	18251A0568	Pushpanjali Divi		₹ 50,000
11	18251A0583	Nikitha Aleti		₹ 50,000
12	18251A0598	Shubhankari Thakral		₹ 50,000
13	18251A05B4	Samhitha Nagavani Kuchibhatla		₹ 50,000
14	18251A05C1	Sree Meghana A		₹ 50,000
15	18251A05E7	Shubhasri Vanam		₹ 50,000
16	18251A05F7	Dindi Divya		₹ 50,000
17	18251A05G6	Mudiga Swetha		₹ 50,000
18	18251A05B8	Thanusha Panchati		₹ 50,000
19	17251A05H5	Sakila Peddi		₹ 50,000
20	17251A0514	Kethireddy Akhila Reddy	JPMC, Hyderabad	₹ 50,000

21	17251A0588	Veda Bandikallu		₹ 50,000
22	17251A0582	Lakshmi Manasa Navuduri		₹ 50,000
23	17251A0589	Yaramada Akshara		₹ 50,000
24	17251A0513	Naga Jyothi Kanikanti		₹ 50,000
25	17251A0587	Sindhuja Nadgoud		₹ 50,000
26	17251A0594	Avi Jain		₹ 50,000
27	17251A0574	Namitha Konda		₹ 50,000
28	17251A0518	Bhavani Lenkala		₹ 50,000
29	17251A05A2	Gayathri Jaddu		₹ 50,000
30	17251A05E7	Yamini Reddy Telaru		₹ 50,000
31	17251A05F6	Venkata Sri Apurva Dasari		₹ 50,000
32	17251A05H4	Parkhi Niharika		₹ 50,000
33	17251A0531	Afraah Shaik		₹ 50,000
34	17251A0553	Satvika Eda		₹ 50,000
35	17251A05C9	Srihitha Gandyadapu		₹ 50,000
36	17251A0515	K S Jhanavi	Serive Now, Hyderabad	₹ 45,000
37	17251A0539	Sravani Gona		₹ 45,000
38	17251A0559	Veda Vanjari		₹ 45,000

39	17251A05C6	Bhavya Singh		₹ 45,000
40	17251A05D1	Gopidi Roohi		₹ 45,000
41	17251A05E9	Veerannagari Akshitha		₹ 45,000
42	17251A05H7	Proddaturi Rashmitha		₹ 45,000
43	17251A05H9	Ravuri Sai Usha		₹ 45,000
44	17251A0543	Prathyusha Kundavaram		₹ 45,000
45	17251A0552	Sarella Gnana Jyothi		₹ 45,000
46	17251A05A1	G Krishna Priya		₹ 45,000
47	17251A0558	Shravya Vadali		₹ 45,000
48	17251A05E9	Veerannagari Akshita	Serive Now, Hyderabad	₹ 45,000
49	17251A05H7	Proddaturi Rashmitha	Serive Now, Hyderabad	₹ 45,000
50	17251A05H9	Ravuri Sai Usha		₹ 45,000
51	17251A05E8	Sharadi Tanvi	School for AI, Hyderabad	₹ 8,000
52	17251A05D7	Kankanala Jyothirmayee	Factset, Hyderabad	₹ 30,000
53	17251A05A7	Maddineni Navya sree	Societe Generale, Banglore	₹ 22,000
54	17251A05C3	Alladi Sriya	Societe Generale, Banglore	₹ 22,000

55	17251A05C8	Duddilla Vaishnavi	Societe Generale, Banglore	₹ 22,000
56	17251A05G4	Priyanka Konka	ADP, Hyderabad	₹ 20,000
57	17251A0526	P Karuna Sri		₹ 20,000
58	17251A0570	Sridevi Gatiganti		₹ 20,000
59	17251A05A9	Sujitha Meriga		₹ 20,000
60	17251A05F8	Snehitha Domakuntla	State Street, Hyderabad	₹ 30,000
61	17251A0540	Navya Inturi	Novartis Healthcare Pvt.Ltd, Hyderabad	₹ 25,000
62	17251A0536	Shravani Athkuri		₹ 25,000
63	17251A05B5	Sama Chandana		₹ 25,000
64	17251A0524	Priya Lekha Guda	Deloitte, Hyderabad	₹ 25,000
65	17251A0560	Yadugani Sridivya		₹ 25,000
66	17251A05A9	Sujitha Meriga		₹ 25,000
67	17251A0535	Rashmika Anumula	Unschool, Hyderabad	₹ 7,500
68	17251A0555	Srishti Mathur		₹ 7,500
69	17251A05F9	Ganda Varshini		₹ 7,500
70	17251A05F1	Afia Simeen		₹ 7,500
71	17251A0501	Aamuktha Aukunooru	Zenoti India Pvt.Ltd,	₹ 50,000

72	17251A0507	Gali Harshitha	Hyderabad	₹ 50,000
73	17251A0581	Sirisha Mattaparthi		₹ 50,000
74	17251A0590	Yaramala Sangeetha		₹ 50,000
75	17251A0597	Dadannagari Sahithi		₹ 50,000
76	17251A05A9	Sujitha Meriga		₹ 50,000
77	17251A05B7	Sneha Reddy Kancherla	Zenoti India Pvt.Ltd, Hyderabad	₹ 50,000
78	17251A05D0	Gollapalli Lakshmi Sai Sree		₹ 50,000
79	17251A05E6	Sreevidya Makkapati		₹ 50,000
80	17251A05F5	Alekhya Chamanchula		₹ 50,000
81	17251A05H3	Pabba Spandana		₹ 50,000
82	17251A05G1	Kandimalla Sanjana	TEK Systems, Hyderabad	₹ 15,000
83	18251A0516	Manswini M	Adobe	**₹ 1 Lakh**
84	18251A05H5	Sanjana Tadakamadla		**₹ 1 Lakh**
85	18251A0560	Y Priya Amrutha	Amazon	₹ 50,000
86	18255A0515	Malakapuram SaiPrasanna	Abjayon	₹ 10,000
87	17251A05F7	Divya Yasa	Accenture	₹ 16,100
88	17251A05F1	Afia Simeen	Colruyt	₹ 10,000
89	17251A0539	Gona Sravani	Expedia Group	₹ 35,000

90	17251A05G0	Kamasani Chandana	Epam	₹ 15,000
91	17251A0522	LIKITHA MUTTAMPETH	FORD MOTORS COMPANY	₹ 15,000
92	19251A05J0	Yada Vaishnavi	Homeflic Wegrow	₹ 1,500
93	19251A05J0	Yada Vaishnavi	Young Leader	₹ 800
94	19251A0585	Mounika Jallipalli	Homeflic Wegrow	₹ 1,500
95	17251A05C2	Alla Bhavana	Hexagon	₹ 20,000
96	18255A0526	Shaik. Mahernisha	ISSQUARED	₹ 10,000
97	17251A0557	Sushmitha Tirumalla	Salesforce	₹ 40,000
98	17251A0532	Akanksha Srikanth	Skillo	₹ 15,000
99	19251A0551	B. Pavani Naga Kumari	Talentsprint	₹ 40,000
100	17251A0570	Gatiganti Sridevi	Thoughtworks	₹ 20,000
101	17251A05B3	R. Sri Laxmi Ragini		₹ 20,000

Table No 4.5.3.43 : Student Unpaid Internship Details:

S.No	Roll No.	Name	Year	Organization
1	18251A0561	Aakifah Batool	III	The Sparks Foundation
2	19251A05D4	Challa sai charitha	II	Adore india
3	18251A0524	Raksha Naravi Pai	III	Intrinsic Science Labs
4	18251A0556	T Aarthika	III	
5	19251A05B1	Keerthana Pravallika Samudrala	II	Intrinsic Science Labs

6	19251A05E7	Hasan Nazneen	II	Verzeo
7	20255A0509	Kiranmayee Gangalam	II	
8	18251A0573	Pranavi Katikaneni	III	
9	19251A05F6	Soujanya Madavedi	II	
10	19251A05E7	Hasan Nazneen	II	
11	17251A0527	Sardarni Amardeep Kaur	IV	InMovidu Technologies Pvt Ltd
12	18251A0541	Sahithi Kasim	III	InMovidu Technologies Pvt Ltd
13	19251A0563	Alladi lahari	II	internship studio
14	19251A05B1	Keerthana Pravallika Samudrala	II	Kleen Security
15	19251A05B0	ALANKRUTHI SAIENI	II	knowledge solutions India
16	19251A0568	Manasa Bobbili	II	Smartknower
17	20255A0509	Kiranmayee Gangalam	II	Finland Labs by IIT Roorkee
18	17251A0532	Akanksha Srikanth	IV	Apple India Pvt Ltd
19	17251A05G4	Priyanka Konka	IV	Apple India Pvt Ltd
20	17251A0503	Javali Bathula	IV	Apple India Pvt Ltd
21	17251A0534	Amulya Tummuru	IV	Apple India Pvt Ltd
22	17251A0541	Shruthi Kusuma	IV	Apple India Pvt Ltd
23	17251A05B0	Deekshitha Mukka	IV	Apple India Pvt Ltd
24	17251A05G9	Samhitha Muriki	IV	Apple India Pvt Ltd

25	17251A0529	Varsha Undety	IV	Apple India Pvt Ltd
26	17251A0591	Indraja Adepu	IV	Apple India Pvt Ltd
27	17251A0523	Pittala Soumya	IV	Apple India Pvt Ltd
28	17251A0542	K Venkata Srihitha	IV	Apple India Pvt Ltd
29	17251A0516	K Sai Pavani	IV	Apple India Pvt Ltd
30	17251A05C1	Adeeba Fathima	IV	Apple India Pvt Ltd
31	17251A05G6	Mantha Vaishnavi	IV	Apple India Pvt Ltd

Entrepreneurship Development Cell (EDC)				
S.No	A.Y	Name of the event	No of Students participated	Institutional/State/ National
A.Y 2023-24				
1	2023-24	Women in Business	200	National Level
A.Y 2022-23				
2	2022-23	YUVA – Young Innovation Challenge	83	National Level
3	2022-23	FORZA	84	National Level
4	2022-23	Startups, Creativity and Innovation	55	Institutional Level
A.Y 2021-22				
5	2021-22	Idea Pitching Competition and Student Entrepreneurial talk	15	Institutional Level

6	2021-22	“Sambhav”- e-National Level Awareness Programme (e-NLAP) on Entrepreneurship	107	National Level
7	2021-22	Student Startups & How to Take Off Your Startup	50	Institutional Level
8	2021-22	Digital Marketing	45	Institutional Level
A.Y 2020-21				
9	2020-21	Start-up Incubator	40	Institutional Level
10	2020-21	Group Discussion on Entrepreneurship	34	Institutional Level
Total			**639**	

5 FACULTY INFORMATION AND CONTRIBUTIONS (200)

Total Marks 190.68

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Sr. No	Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof / Assoc. Prof.)	Initial Date of Joining	Association Type	At present working with the Institution (Yes / No)	Date of Leaving	IS HOD?
1	Dr. A. Sharada	AGMPA1965A	ME/M. Tech and PhD	17/04/2015	CSE	12	2	0	Professor	01/11/2016	19/08/2002	Regular	Yes		Yes
2	Dr. M. Seetha	AHLPM9900H	ME/M. Tech and PhD	12/12/2007	CS	68	10	6	Professor	09/07/2008	09/07/2008	Regular	Yes		No
3	Dr. N. Kalyani	ADNPN9349M	ME/M. Tech and PhD	09/11/2012	CSE	14	3	0	Professor	01/10/2013	02/08/2004	Regular	Yes		No
4	Dr. Jayashree S Patil	ATAPP0078L	ME/M. Tech and PhD	19/08/2023	CSE	14	0	0	Associate Professor	01/01/2008	04/07/2005	Regular	Yes		No
5	Dr.D.V. Lalita Parameswari	AHCPD2357G	ME/M. Tech and PhD	04/10/2017	CSE	17	1	0	Associate Professor	01/04/2022	28/11/2002	Regular	Yes		No
6	Dr. G. Malini Devi	AOMPG5154P	ME/M. Tech and PhD	31/07/2017	CSE	11	0	0	Associate Professor	01/04/2022	28/06/2006	Regular	Yes		No
7	Dr. Raghavender K.V.	AWZPK4949F	ME/M. Tech and PhD	10/03/2020	CSE	10	0	0	Associate Professor	11/01/2021	11/01/2021	Regular	Yes		No
8	Dr. P.Sunitha Devi	AHTPP1094P	ME/M. Tech and PhD	21/02/2023	CSE	7	0	0	Assistant Professor		21/01/2000	Regular	Yes		No
9	Mrs Ch. Mandakini	ANUPM3593M	M.E/ M.Tech	20/08/2005	CSE	7	0	0	Assistant Professor		23/06/2005	Regular	Yes		No
10	Mrs. R. Pallavi Reddy	AKHPR3342P	M.E/ M.Tech	27/11/2009	CSE	9	0	0	Assistant Professor		18/08/2003	Regular	Yes		No
11	Mrs Bhageshwari Ratkal	AKLPR4758H	M.E/ M.Tech	28/04/2011	CNIS	7	0	0	Assistant Professor		18/07/2005	Regular	Yes		No

12	Mrs. Ch. Radhika	AKTPC6489N	M.E/ M.Tech	17/09/2012	CSE	7	0	0	Assistant Professor		18/06/2007	Regular	Yes		No
13	Mrs. V. Divya Raj	AGQPV0745H	M.E/ M.Tech	01/10/2012	CNIS	6	0	0	Assistant Professor		05/12/2007	Regular	Yes		No
14	Mrs M. Lalitha	AQTPM8239L	M.E/ M.Tech	30/03/2007	CSE	5	0	0	Assistant Professor		12/06/2008	Regular	Yes		No
15	Mr. T. Rajesh	ALAPT2466J	M.E/ M.Tech	31/07/2009	CSE	3	0	0	Assistant Professor		03/07/2009	Regular	Yes		No
16	Mrs J. Padmavathi	ANGPJ7937A	M.E/ M.Tech	02/02/2010	CSE	1	0	0	Assistant Professor		22/12/2010	Regular	Yes		No
17	Mr. N. Venkateswarulu	AFGPV5763C	M.E/ M.Tech	30/06/2008	CS	4	0	0	Assistant Professor		01/07/2011	Regular	Yes		No
18	Mrs S. Sandhya	BQGPS0049Q	M.E/ M.Tech	18/10/2010	SE	4	0	0	Assistant Professor		01/08/2011	Regular	Yes		No
19	Mrs. R. Mamatha	AZWPR4633F	M.E/ M.Tech	03/01/2012	SE	6	0	0	Assistant Professor		25/06/2012	Regular	Yes		No
20	Dr. G. Narendrababu Reddy	AJMPG6618H	ME/M. Tech and PhD	07/12/2021	CSE	4	0	0	Assistant Professor		20/06/2005	Regular	Yes		No
21	Mrs. Ch. Swathi	AHUPC0321P	M.E/ M.Tech	09/11/2013	CS	4	0	0	Assistant Professor		01/10/2013	Regular	Yes		No
22	Mrs.T. Swapna	BHAPM8274L	M.E/ M.Tech	27/09/2010	CS	9	0	0	Assistant Professor		02/06/2014	Regular	Yes		No
23	Mr.Ch. Sudharshan Reddy	APZPC9760P	M.E/ M.Tech	03/12/2010	CST	1	0	0	Assistant Professor		09/06/2014	Regular	Yes		No
24	Mrs.Nanda Devi.D.R	AKQPD3199K	M.E/ M.Tech	25/07/2006	CSE	4	0	0	Assistant Professor		27/04/2015	Regular	Yes		No
25	Mrs.D. Naga Swetha	AXSPD3576B	M.E/ M.Tech	27/11/2014	CSE	4	0	0	Assistant Professor		27/04/2015	Regular	Yes		No
26	Mr.B. Vamshi	AWZPV8609F	M.E/ M.Tech	04/09/2014	CNIS	1	0	0	Assistant Professor		02/05/2015	Regular	Yes		No
27	Mrs. T. Divya Kumari	APZPT5477L	M.E/ M.Tech	11/02/2013	CSE	7	0	0	Assistant Professor		01/06/2016	Regular	Yes		No
28	Mrs. Y. Sravani Devi	AFVPY9227M	M.E/ M.Tech	15/10/2015	CSE	13	0	0	Assistant Professor		01/06/2016	Regular	Yes		No

29	Mr. G. Naga Babu	ATMPG9146L	M.E/ M.Tech	09/12/2013	CSE	5	0	0	Assistant Professor		01/06/2016	Regular	Yes		No
30	Mrs. K.Gnana Prasuna	ALWPG0518J	M.E/ M.Tech	21/04/2017	CSE	1	0	0	Assistant Professor		03/08/2021	Regular	Yes		No
31	Ms. K. Sneha Reddy	CAWPK7397A	M.E/ M.Tech	28/12/2016	CSE	4	0	0	Assistant Professor		16/01/2017	Regular	Yes		No
32	Mr. Anil	ARVPT9636M	M.E/ M.Tech	16/11/2016	CSE	3	0	0	Assistant Professor		05/01/2017	Regular	No	30/11/2023	No
33	Ms. M. Anusha	CFNPA0340B	M.E/ M.Tech	27/08/2020	CSE	2	0	0	Assistant Professor		04/01/2021	Regular	Yes		No
34	Mrs.B.Spandana	MHSPS7342N	M.E/ M.Tech	25/05/2016	CSE	1	0	0	Assistant Professor		17/03/2022	Regular	Yes		No
35	Mrs.J.Srilatha	BDJPR7042A	M.E/ M.Tech	17/11/2014	CSE	1	0	0	Assistant Professor		21/11/2022	Regular	Yes		No
36	Mrs.G.Sandhya	AJVPG0515C	M.E/ M.Tech	01/12/2016	CSE	2	0	0	Assistant Professor		01/10/2022	Regular	Yes		No
37	Mrs. A.Leela Kumari	ADGPL2485E	M.E/ M.Tech	21/04/2017	CSE	2	0	0	Assistant Professor		01/10/2022	Regular	Yes		No
38	Mrs.K.Sindhura	ATPPK5127L	M.E/ M.Tech	01/11/2008	CSE	0	0	0	Assistant Professor		21/09/2023	Regular	Yes		No
39	Mrs.P.Kranthi Kiran	AYUPP8106A	M.E/ M.Tech	01/09/2009	CSE	0	0	0	Assistant Professor		01/12/2023	Regular	Yes		No
40	Mrs. S. Vasundhara Rami Reddy	AQUPV8644H	M.E/ M.Tech	03/11/2016	CS	1	0	0	Assistant Professor		17/11/2016	Regular	No	01/04/2022	No
41	Mrs. G. Varsha	BNTPG9494F	M.E/ M.Tech	04/09/2014	CSE	1	0	0	Assistant Professor		02/01/2017	Regular	No	28/02/2022	No
42	Dr D. Manju	APYPD0746D	ME/M. Tech and PhD	21/02/2023	AI	5	0	0	Assistant Professor		15/12/2007	Regular	No	01/06/2023	No
43	Dr. S. Ravi Kumar Raju	AGGPR8938L	ME/M. Tech and PhD	20/12/2021	CS	0	0	0	Associate Professor	28/05/2022	28/05/2022	Regular	No	30/11/2023	No
44	Mrs.N.Anusha	CFNPA0340B	M.E/ M.Tech	15/07/2008	AI	0	0	0	Assistant Professor		31/03/2021	Regular	No	01/02/2022	No

45	Mrs.B. Geetha Kumari	BVOPK9445F	M.E/ M.Tech	28/04/2011	CSE	3	0	0	Assistant Professor		27/04/2015	Regular	No	31/08/2022	No
46	Dr K Venugopala Rao	AKEPK9184F	ME/M. Tech and PhD	20/08/2008	CSE	4	8	5	Professor	01/01/2008	13/09/2002	Regular	No	07/09/2021	No
47	Mrs Keerthi Chandrika	BZUPP9117K	M.E/ M.Tech	17/07/2013	CS	1	0	0	Assistant Professor		28/04/2015	Regular	No	28/05/2022	No

5.1 Student-Faculty Ratio (SFR) (20) Total Marks 18.00

Institute Marks : 18

UG

No. of UG Programs in the Department 1

B Tech						
Year of Study	**CAY**		**CAYm1**		**CAYm2**	
	(2023-24)		**(2022-23)**		**(2021-22)**	
	Sanction Intake	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**
2nd Year	191	20	194	20	180	18
3rd Year	194	20	180	18	180	18
4th Year	180	18	180	18	180	18
Sub-Total	**565**	**58**	**554**	**56**	**540**	**54**
Total	**623**		**610**		**594**	
Grand Total	623		610		594	

PG

No. of PG Programs in the Department 1

M Tech			
Year of Study	**CAY(2023-24)**	**CAYm1(2022-23)**	**CAYm2 (2021-22)**
	Sanction Intake	**Sanction Intake**	**Sanction Intake**
1st Year	12	12	18
2nd Year	12	18	18
Total	**24**	**30**	**36**
Grand Total	24	30	36

SFR

No. of UG Programs in the Department 1

No. of PG Programs in the Department 1

Description	**CAY(2023-24)**	**CAYm1 (2022-23)**	**CAYm2 (2021-22)**
Total No. of Students in the Department(S)	647 **Sum total of all (UG+PG) students**	640 **Sum total of all (UG+PG) students**	630 **Sum total of all (UG+PG) students**
No. of Faculty in the Department(F)	38 **F1**	39 **F2**	36 **F3**
Student Faculty Ratio(SFR)	17.03 **SFR1=S1/F1**	17.50 **SFR2=S2/F2**	16.41 **SFR3=S3/F3**
Average SFR	16.98 **SFR=(SFR1+SFR2+SFR3)/3**		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

Note: All the faculty whether regular or contractual (except Part-Time), will be considered. The contractual faculty (doing away with the terminology of visiting/adjunct faculty, whatsoever) who have taught for 2 consecutive semesters in the corresponding academic year on full time basis shall be considered for the purpose of calculation in the Faculty Student Ratio. However, following will be ensured in case of contractual faculty:

1. Shall have the AICTE prescribed qualifications and experience.

2. Shall be appointed on full time basis and worked for consecutive two semesters during the particular academic year under consideration.

3. Should have gone through an appropriate process of selection and the records of the same shall be made available to the visiting team during NBA visit

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	**Total number of contractual faculty in the department**
CAY(2023-24)	38	0
CAYm1(2022-23)	39	0
CAYm2(2021-22)	36	0

Average SFR for three assessment years : 16.98

Assessment SFR : 18

5.2 Faculty Cadre Proportion (20) Total Marks 20.00

Institute Marks : 20.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	**Available**	**Required F2**	**Available**	**Required F3**	**Available**
CAY(2023-24)	3.00	3.00	7.00	4.00	21.00	31.00
CAYm1(2022-23)	3.00	3.00	7.00	4.00	21.00	32.00
CAYm2(2021-22)	3.00	3.00	7.00	1.00	21.00	32.00
Average Numbers	3.00	3.00	7.00	3.00	21.00	31.67

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 20.00

5.3 Faculty Qualification (20)

Total Marks 12.68

Institute Marks : 12.68

	X	Y	F	FQ = 2 x [(10X + 4Y) / F)]
2023-24(CAY)	9	29	32.00	12.88
2022-23(CAYm1)	8	31	31.00	13.16
2021-22(CAYm2)	7	29	31.00	12.00

Average Assessment : 12.68

5.4 Faculty Retention (10)

Total Marks 10.00

Institute Marks : 10.00

Description	**2022-23 (CAYm1)**	**2023-24 (CAY)**
No of Faculty Retained	34	32
Total No of Faculty	31	31
% of Faculty Retained	110	103

Average : 106.00

Assessment Marks : 10.00

5.5 Faculty competencies in correlation to Program Specific Criteria (10) Total Marks 10.00

Institute Marks : 10.00

GNITS is committed in recruiting highly qualified faculty members with relevant expertise to effectively cover all program areas. The institute facilitates ample opportunities for student-faculty interaction, advising and counselling, university service activities, professional development through online certifications, faculty development programs, engagement with industrial and professional practitioners and employers. The faculty members accord priority to each component of the program curriculum, ensuring that sufficient time and attention are dedicated to them in alignment with the program and institutions objectives and outcomes.

The faculty of CSE possesses the necessary qualifications and exhibits the requisite expertise to provide effective guidance for the program and to establish and execute procedures for the evaluation, assessment and continuous enhancement of the programs objectives and outcomes. Their collective competence is reflected in their diverse backgrounds, engineering and teaching experience, exceptional communication skills, enthusiasm for enhancing the programs efficacy, active participation in professional societies, continuous knowledge upgrade through certifications and pursuing PhD.

To measure the competency of faculty members, following factors are considered.

- Degree specialization (UG/PG/PhD),
- Research area, Research guidance (UG/PG/PhD)
- Research paper publication
- Funded Projects Received
- Reviewer/ Editor in referred journals
- Books, Book Chapters Published
- Patents Published/ Products developed
- E-content/ MOOC Content developed
- Online courses / FDP Training Programs/ Workshops/ Seminars/ Series of Webinars attended in relevance to the academic specialization
- Guest Lectures delivered
- Awards received

A. Faculty Specialization and the competencies

Name of teaching staff	**Dr. A. Sharada**		
Designation	HoD & Professor		
Department	Computer Science & Engineering		
Date of joining the Institution	19-08-2002		
Total experience in Years	Teaching: 22 yrs Research: 10 yrs		
Publication Details	Papers:35	Books: 3 Patents: 5	
Area of Specialization	Speech & Natural Language Processing, Artificial Intelligence & Machine Learning and Augmented and Virtual Reality (AR-VR)		

Name of teaching staff	**Dr. M. Seetha**	
Designation	Dean R&D	
Department	Computer Science & Engineering	
Date of joining the Institution	9-07-2008	
Total experience in Years	Teaching: 30yrs Industry: 1yr Research:17yrs	
Publication Details	Papers:193 Books: 3 Patents: 3	
Area of Specialization	Image Processing, Data Mining, Artificial Intelligence, Soft Computing and Deep Learning	

Name of teaching staff	**Dr. Nara. Kalyani**	
Designation	Dean I & I	
Department	Computer Science& Engineering	
Date of joining the Institution	2-8-2004	
Total experience in Years	Teaching:21yrs Industry:5yrs Research: 15Yrs	
Publication Details	Papers: 40 Books: 5 Patents: 3	
Area of Specialization	Artificial Intelligence & Machine Learning, Deep learning, Speech and Natural Language Processing	

Name of teaching staff	**Dr. Jayashree S Patil**	
Designation	Associate Professor	
Department	Computer Science& Engineering	
Date of joining the Institution	04-07-2005	
Total experience in Years	Teaching: 25 Yrs	
Publication Details	Papers:27 Books:7 Patents: 3	

Area of Specialization	Network security and Internet of Things

Name of teaching staff	**Dr. D.V. Lalitha Parameswari**	
Designation	Associate Professor	
Department	Computer Science& Engineering	
Date of joining the Institution	29-11-2002	
Total experience in Years	Teaching:26 Research: 11	
Publication Details	Papers:35 Books: 1 Patents: 4	
Area of Specialization	Image Processing, Data Mining, Machine Learning and Deep Learning	

Name of teaching staff	**Dr. G. Malini Devi**	
Designation	Associate Professor	
Department	Computer Science& Engineering	
Date of joining the Institution	28/6/2006	
Total experience in Years	Teaching: 21yrs Research: 9yrs	
Publication Details	Papers: 46 Books:5 Patents:2	
Area of Specialization	Datamining, Image Processing, Machine learning and Artificial Intelligence	

Name of teaching staff	**Dr.Raghavender K V**	
Designation	Associate Professor	
Department	Computer Science& Engineering	
Date of joining the Institution	11.01.2021	
Total experience in Years	Teaching:15 yrs	
Publication Details	Papers:29 Books:1 Patents: 4	

Area of Specialization	Machine Learning, Information Security and Cyber Security

Name of teaching staff	**Dr. P.Sunitha Devi**	
Designation	Assistant Professor	
Department	Computer Science & Engineering	
Date of joining the Institution	21-01-2000	
Total experience in Years	Teaching:23yrs Research:14 yrs	
Publication Details	Papers:17 Books:2 Patents: 4	
Area of Specialization	Natural Language Processing , Automata Theory and Augmented and Virtual Reality(AR-VR).	

Name of teaching staff	**Mrs. Ch. Mandakini**	
Designation	Assistant Professor	
Department	Computer Science & Engineering	
Date of joining the Institution	23-06-2005	
Total experience in Years	Teaching:18yrs	
Publication Details	Papers:11 Books:2 Patents: 1	
Area of Specialization	Natural Language Processing and Machine Learning	

Name of teaching staff	**Mrs. R. Pallavi Reddy**	
Designation	Assistant Professor	
Department	Computer Science and Engineering	
Date of joining the Institution	18-08-2003	
Total experience in Years	Teaching: 20yrs	
Publication Details	Papers:20 Books: 2 Patents: 1	
Area of Specialization	Natural Language Processing and Machine Learning.	

Name of teaching staff	**Mrs. Bhageshwari Ratkal**	
Designation	Assistant Professor	
Department	Computer Science & Engineering	
Date of joining the Institution	18-07- 2005	
Total experience in Years	Teaching:18yrs Industry: 2yrs	
Publication Details	Papers:12 Books:3 Patents: 4	
Area of Specialization	Information Security, Cloud Computing and Augmented &Virtual Reality(AR-VR).	

Name of teaching staff	**Mrs. Ch.Radhika**	
Designation	Assistant Professor	
Department	Computer Science & Engineering	
Date of joining the Institution	18-06-2007	
Total experience in Years	Teaching:19yrs	
Publication Details	Papers:10 Books: 2 Patents: 1	
Area of Specialization	Artificial Intelligence & Machine Learning and Deep Learning.	

Name of teaching staff	**Mrs. V. Divya Raj**	
Designation	Assistant Professor	
Department	Computer Science and Engineering	
Date of joining the Institution	5-12-2007	
Total experience in Years	Teaching:15yrs Research:4 yrs	
Publication Details	Papers:6 Books: 3 Patents: 4	
Area of Specialization	Image Processing, Machine and Deep Learning	

Name of teaching staff	**Mrs. Malla Lalitha**	
Designation	Assistant Professor	
Department	Computer Science and Engineering	
Date of joining the Institution	12-06-2008	
Total experience in Years	Teaching: 15.8 yrs	
Publication Details	Papers:12 Books:2 Patents: 2	
Area of Specialization	Data Mining, Machine Learning and Augmented & Virtual Reality (AR-VR)	

Name of teaching staff	**Dr.Narendrababu Reddy G**	
Designation	Assistant Professor	
Department	CSE	
Date of joining the Institution	20-06-2005	
Total experience in Years	Teaching:18yrs	
Publication Details	Papers:12 Books: 1	
Area of Specialization	Artificial Intelligence and Cloud Computing	

Name of teaching staff	**Mr. N. Venkateswarulu**	
Designation	Assistant Professor	
Department	Computer Science and Engineering	
Date of joining the Institution	01-07-2011	
Total experience in Years	Teaching:16yrs	
Publication Details	Papers:9 Patents:2	
Area of Specialization	Data Science, Computer Algorithms and Artificial Intelligence.	

Name of teaching staff	**Mr. Nagababu Garigipati**	
Designation	Assistant Professor	
Department	Computer Science and Engineering	
Date of joining the Institution	01-06-2016	
Total experience in Years	Teaching:10yrs	
Publication Details	Papers: 11 Books:3 Patents:2	
Area of Specialization	Cloud Computing and Artificial Intelligence.	

For all faculty profiles refer link in website: https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/staff-profile/ (https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/staff-profile/)

The faculty members possess diverse competencies in teaching various subjects within the field of Computer Science and Engineering (CSE)

1. Program Specific Criteria’s Software Engineering Courses and Faculty competency:

Software engineering is a discipline that involves the application of engineering principles to the design, development, testing, deployment, and maintenance of software systems. The subjects that come under this domain are given in the table.5.5.1 :

Table 5.5.1: Faculty Competency in Software Engineerig Specific Courses

Specialization Area	**Relevant Courses in the Curriculum**	**Competent Faculty**
Software Engineering	Software Testing Methodologies Software Engineering Principles of Programming Languages Human Computer Interaction Scripting Languages Web Technologies Advanced Computer Architecture Full Stack Development Information Retrieval Systems Agile Methodology Web Technologies lab Full Stack Development lab	Dr. A. Sharada Dr. M. Seetha Dr. N. Kalyani Dr. Jayashree S Patil Dr. D.V. Lalita Parameswari Dr. G. Malini Devi Dr. Raghavender K.V. Dr.P. Sunitha Devi Mrs.Bhageshwari Ratkal Mrs.V. Divya Raj Mrs.M. Lalitha Mr. N. Venkateswarulu Mrs. S. Sandhya Mrs. R. Mamatha Mrs. T. Divya Kumari Mrs. Y. Sravani Devi Mrs. K. Gnana Prasuna Mr. B Spandana

2. Program Specific Criteria’s Big Data Analytics Courses and Faculty competency:

These subjects cover the fundamental principles and techniques of big data analytics, machine learning and various other aspects of big data processing and analysis. The subjects that come under this domain are given the Table 5.5.2:

Table 5.5.2: Faculty Competency in Big Data Analytics Specific Courses

Specialization Area	**Relevant Courses in the Curriculum**	**Competent Faculty**

Big Data Analytics	Information Retrieval Systems Data Science using R Data Mining Database Management Systems Object Oriented Programming through JAVA Big Data Analytics Data Science using R lab Data Mining lab Database Management Systems lab Object Oriented Programming through JAVA lab	Dr. M. Seetha Dr. N. Kalyani Dr. D.V. Lalita Parameswari Dr. G. Malini Devi Dr. Raghavender K.V. Dr.P. Sunitha Devi Mrs.Ch. Mandakini Mrs.R. Pallavi Reddy Mrs.Bhageshwari Ratkal Mrs.Ch. Radhika Mrs.V. Divya Raj Mrs.M. Lalitha Mr.T. Rajesh Mrs. J. Padmavathi Mr. N. Venkateswarulu Mrs. R. Mamatha Mrs. Ch. Swathi Mrs. T. Swapna Mrs. D. Naga Swetha Mrs. T. Divya Kumari Mrs. K. Gnana Prasuna Mrs. K.Sindhura

3. Program Specific Criteria’s Machine Learning Courses and Faculty competency:

Machine learning is a subset of artificial intelligence (AI) that focuses on developing algorithms and statistical models that enable computers to learn from and make predictions or decisions based on data without being explicitly programmed for every task. The subjects that come under this domain are given in the Table 5.5.3:

Table 5.5.3: Faculty Competency in Machine Learning Specific Courses

Specialization Area	Relevant Courses in the Curriculum	Competent Faculty
Machine Learning	Image Processing Python Programming Machine Learning Deep Learning Natural language Processing Artificial Intelligence Discrete Mathematics Computer Vision & Pattern Recognition Python Programming lab Machine learning lab Computer Vision & Pattern Recognition lab Image Processing lab	Dr. M. Seetha Dr. N. Kalyani Dr. Jayashree S Patil Dr. D.V. Lalita Parameswari Dr. G. Malini Devi Dr.P. Sunitha Devi Mrs.Ch. Mandakini Mrs.R. Pallavi Reddy Mrs.Ch. Radhika Mrs.V. Divya Raj Mr.T. Rajesh Mr. N. Venkateswarulu Mrs. T. Swapna Mrs. Nanda Devi. D.R Mrs. T. Divya Kumari Mrs. Y. Sravani Devi Mrs.M. Anusha

4. Program Specific Criteria’s Internet of Things Courses and Faculty competency:

The Internet of Things (IoT) refers to a network of interconnected devices that are embedded with sensors, software, and other technologies to enable them to collect and exchange data with other devices and systems over the internet. The subjects that come under this domain are given in the Table 5.5.4:

Table 5.5.4: Faculty Competency in Internet of Things Specific Courses

Specialization Area	Relevant Courses in the Curriculum	Competent Faculty

Internet of Things	Cloud Computing Computer Organization and Architecture Operating Systems Internet of Things Digital Logic Design Advanced Computer Architecture Internet of Things and Applications Embedded Systems Operating Systems lab Computer Organization and Microprocessor Lab Internet of Things Lab Internet of Things and Applications lab	Dr. A. Sharada Dr. M. Seetha Dr. N. Kalyani Dr. Jayashree S Patil Dr. G. Malini Devi Dr.P. Sunitha Devi Mrs.Ch. Radhika Mrs.M. Lalitha Mr.T. Rajesh Mr. N. Venkateswarulu Mr. Ch. Sudharshan Reddy Mrs. D. Naga Swetha Mr. B. Vamshi Mr. G. Nagababu Mrs.K. Sneha Reddy Mr B Spandana Mrs. J. Srilatha Mrs. G. Sandhya Mrs. A. Leela Kumari

5. Program Specific Criteria’s Cyber Security Courses and Faculty competency:

Cybersecurity, also known as information security, is the practice of protecting computer systems, networks, devices, and data from unauthorized access, cyberattacks, theft, damage, or disruption. The subjects that come under this domain are given in the Table 5.5.5:

Table 5.5.5: Faculty Competency in Cyber Secuty Specific Courses

Specialization Area	**Relevant Courses in the Curriculum**	**Competent Faculty**

Cyber Security	Cyber Security Computer Networks Cryptography and Network Security Cyber Forensics Ad-hoc and Sensor Networks Computer Networks lab Cryptography and Network Security lab	Dr. M. Seetha Dr. Jayashree S Patil Mrs.Bhageshwari Ratkal Mrs.V. Divya Raj Mrs.M. Lalitha Mr. Ch. Sudharshan Reddy Mrs. Nanda Devi. D.R Mrs. D. Naga Swetha Mr. B. Vamshi Mr. G. Nagababu Mrs.K. Sneha Reddy Mr. B Spandana Mrs. J. Srilatha Mrs. A. Leela Kumari

B. Faculty Quality Publications:

Gist of publications during the assessment period (for detailed list of publications refer 5.8.1):

Academic Year	Scopus Journals/ Conference Precedings	SCI/Web of Science	Google Scholar	UGC Care/ Others	Books
2022-2023	22	16	23	65	79
2021-2022	23	6	03	14	2
2020-2021	24	2	01	15	1

C.Course Developments

- Content was Reviewed for "Globarena Technologies Pvt Ltd." In association with NASSCOM for e-learning for technical courses under JNTUH and JNTUK by our faculty.

List of Course Materials developed by faculty:

S.No	Subject	Faculty Name	Link
1	Human Computer Interaction	Mrs.G.Sandya, Mr. T.Anil	https://www.gnits.ac.in/wp-content/uploads/2023/08/Human-Computer-Interaction_.pdf
2	Formal Languages ans Auotomata Theory	Dr. P. Sunitha Devi Mrs. Nanda Devi D R Mrs. Y. Sravani devi	https://archive.nptel.ac.in/courses/111/103/111103016/
3	Data Structures	Dr. A. Sharada Dr. P. Sunitha Devi Mrs.Y. Sravani Devi Mrs. K. Gnana Prasuna	https://ds1-iiith.vlabs.ac.in/List%20of%20experiments.html https://ds2-iiith.vlabs.ac.in/List%20of%20experiments.html
3	Artificial Intelligence	Mrs.V.Divya Raj	https://drive.google.com/file/d/17ItikEC4a--EZ8aL2u81eXqharTb2TWD/view
4	Web Technologies	Mrs. M.Lalitha	https://www.youtube.com/watch?v=QyGEJuhtgsk
5	Cryptography and Network Security	Mrs. Bhageswari Ratkal	https://drive.google.com/file/d/1diRM95Sl7ScwHXlzPlKO63Yt57JizBuo/view
6	Compiler Designer	Mrs. Nanda Devi D R	https://drive.google.com/file/d/1_NavGvLecOdmY7_nb5Oq-9H2eSRpQ51k/view
7	Cyber Security	Mrs. Ch. Mandakini	https://drive.google.com/file/d/1HGQBrVyBZkpl6D-4Bu4KTa782cKIyoJW/view
8	Operating System	Dr.G.Malini Devi	https://drive.google.com/file/d/1kij6n-zf862t7jCCEwejtIpiDirjHV4N/view
9	Discreate Mathematics	Mr.N.Venkateswarulu	https://drive.google.com/file/d/1xPubBl8EczeBJtZj_XAtA1JAMSyhq2BS/view
10	Principles of Programming Language	Mrs.T.Divya Kumari	https://drive.google.com/file/d/183wOxvWBMAzQL9fOU7SFtyHmn5wObtkJ/view
11	Software Project Management	Mrs.Naga Swetha	https://drive.google.com/file/d/1qBipIpoP6hjPaTsvW5WsBOyxp37KGwjS/view

List of Course Manuals developed by faculty for GNR-18 Rgulations:

S.No	Year &Sem	Lab Subject	Faculty Name

1	I-I	Programming Lab	Dr. P. Sunitha Devi Mrs. K.Sindhura
2	II-I	Data Structures through C++ Lab	Dr. A. Sharada Dr. N. Kalyani Mrs. Y. Sravani Devi
		IT Workshop Lab	Mrs. D. Manju Mr. B. Vamshi Mrs. K. Gnana Prasuna
		Database Management System Lab	Mrs. J. Padmavathi Mrs. Ch. Swathi
3	II-II	Computer Organization & Micro Processor Lab	Mrs. D. Manju Mr. Ch. Sudharshan Reddy Mr. G. Nagababu
		Operating Systems Lab	Dr. G. Malini Devi Mrs.Ch. Radhika Mrs. K.Sindhura
		Object Oriented Programming through Java Lab	Mrs.Ch. Mandakini Mrs.M. Lalitha Mrs.M. Madhuri Latha
4	III-I	Computer Networks Lab	Dr. Jayashree S Patil Mr. Ch. Sudharshan Reddy Mrs. D. Naga Swetha Mr. G. Nagababu Mr. Ch. Sudharshan Reddy
		R-Programming Lab	Dr. D.V. Lalitha Parameswari Mrs. Amritha Bandarapu
5	III-II	Internet of Things Lab	Mr.T. Rajesh Mr.Anil

		Machine Learning Lab	Dr. N. Kalyani Mrs. D. Manju Mrs. T. Swapna
		Web Technologies & Data Mining Lab	Dr. D.V. Lalitha Parameswari Mrs. T. Divya Kumari
		Image Processing Lab	Mrs. D. Manju

List of Course Manuals developed by faculty for GNR-22 Regulatrions:

S.No	Year &Sem	Lab Subject	Faculty Name
1	I-I	Programming Lab	Mrs. V. Divya Raj Mrs. T. Swapna
	I-II	Data Structures Lab	Mrs. V. Divya Raj Mrs. J. Gnana Prasuna
2	II-I	Database Management System Lab	Mrs. J.Padmavathi Mrs. Ch. Swathi
		IT Workshop Lab	Mrs. A. Deepthi Mrs. B. Spandana Mrs. G. Sandhya
3	II-II	Object Oriented Programming through Java Lab	Mrs. Ch. Mandakini Mrs.Bhageshwari Ratkal
		Operating Systems & Micro Processor Lab	Mrs. R. Mamatha Mrs.Ch. Radhika
4	III-I	Computer Networks Lab	Mr. Ch Sudharshan Reddy Mrs. D. Naga Swetha Mr. G. naga Babu
		Machine Learning Lab	Mr. N. Venkateswarulu Mrs.M. Anusha

		Full Stack Development Lab	Mrs. T. Divya Kumari Mrs. K. Gnana Prasuna
5	III-II	Computer Vision and Pattern Recognition LAB	Dr. D.V. LalitaParameswari Dr. G. Malini Devi

D. Other Relavant Points:

Gist of Faculty involvement in various roles during the assessment period:

Role	**Reviewers**	**BoS members**	**Resource persons**	**Session Chairs**	**Professional Memberships**	**Online certification**	**Awards**
No. of faculty	5	8	4	5	14	46	26

Details of Faculty involved in various roles for the academic years 2022-2023, 2021-2022 and 2020-2021:

1) Faculty as Reviewers:

S.No	**Name of Faculty Member, Designation**	**Reviewers/ Editorial Bd Members/ Panel Members**
1	Dr A. Sharada, HoD & Professor	1. National Advisory Board member for 3rd International conference ICRCET-2017 held on 12th to 13th September-2017 at Annamacharya Institute of Tech & Science, Tirupati. 2. Reviewer for Journals of Institute of Scholars(InSc)\ 3. Appointed as Reviewer for 5th International Conference On Smart Computing And Informatics (SCI-2021) organized by Vasavi College of Engineering during 17th -18th September,2021

2	Dr. M. Seetha, Dean R&D	1. Editor for 6th International Conference on Intelligent Computing and Communication (ICICC-22) on 18th and 19th August 2022 organised by G. Narayanamma Institute of Technology ans Science. 2. Reviewer for International Conference on Emerging Trends in Circuit-Branch Technologies and ApplicationsETCTA-2021Conference in CBIT Hyderabad on 3rd and 4th April 2021. 3. Nominated as subject expert in Staff Selection Committee of VNR VJIET, in March 2021 4. Appointed as External Examiner for the conduct of Part-Time Ph.D. Viva-Voce at Hindustan college of Arts and Science, Coimbatore in Feb and Bharathiar University in Jan 2021. 5. Reviewer, Advisory committee and program committee member for various International Conferences like TENCON, IEEE INDICON etc
3	Dr.N.Kalyani, Dean I & I	1. Reviewer for 5th INTERNATIONAL CONFERENCE ON SMART COMPUTING & INFORMATICS organised by Vasavi College of Engineering during 17th & 18th Sep 2021. 2. Ph.D thesis Reviewer for Sabitha Institute of Medical and Technical Science, Chennai on 3/12/2020. 3. Reviewer for 4th INTERNATIONAL CONFERENCE ON SMART COMPUTING & INFORMATICS organised by Vasavi College of Engineering during 9th & 10th Oct 2020. 4. Technical Program Committee' member of the 4th International Conference on Smart Computing and Informatics (SCI-2020) from 9/10/2020 to 10/10/2020 organized by Vasavi College of Engineering, Hyderabad and contributed in the peer review process
4	Dr. D.V. Lalitha Parameswari, Associate Professor	1. Technical Program Committee" member for the Conference titled 4th international conference on smart computing and informatics (SCI-2020) Organized by the Department of Computer Science and Engineering Vasavi College of Engineering (Autonomous), Hyderabad, India from 9th - 10th October, 2020. 2. Technical Program Committee" member for the Conference titled 5th International Conference on Smart Computing and Informatics(SCI-2021) Organized by the Department of Computer Science and Engineering Vasavi College of Engineering (Autonomous), Hyderabad, India from September 17 - 18, 2021
5	Dr. G. Malini Devi, Asst. Professor	1. Coordinator to one week FDP ON Deep Learning-Enabled Intelligent Diagnosis System for Retinal Vein Occlusion: Redefining Diagnostic Accuracy in association with AICTE Training And Learning (ATAL) academy Department of CSE, GNITS, Hyderabad from 18-12-2023 t o 23-12-2023. 2. Coordinator for Pre-Conference Workshop on "Architecting Application Lifestyles Automation using DevOps" conducted by CSE department on 15-11-2022 3. Reviewer for 3rd international conference on advances in computer engineering and communication systems(ICACECS-2022) conducted on 11th and 12th August, 2022. 4. Steering Committee Chair, for two day ICRDASIA organized by GNITS in Association with IFERP during 26th and 28th November 2020 at GNITS.

2) Faculty as BoS Members:

S.No	Name of Faculty Member, Designation	Faculty as Members on University Committees/ R&D Cell / Selection Committees
1	Dr A. Sharada, HoD & Professor	BOS Internal Member Department CSE, CSE(AI&ML) and CSE(DS)
2	Dr. M. Seetha, Dean R&D	1. Institutional membership with AIMER for the 5yrs 2. BOS Chairman CSE, CSE(AI&ML) and CSE(DS) GNITS, AAC, CAC Member.
3	Dr.N.Kalyani, Dean I & I	BOS Internal Member Department CSE, CSE(AI&ML) and CSE(DS)
4	Dr. K. Venugopal Rao, Professor	BOS Internal Member Department CSE
5	Dr. Jayashree S Patil, Associate Professor	BOS Internal Member Department CSE, CSE(AI&ML) and CSE(DS)
6	Dr. D.V. Lalitha Parameswari, Associate Professor	BOS Internal Member Department CSE, CSE(AI&ML) and CSE(DS)
7	Dr. G. Malini Devi, Asst. Professor	BOS Internal Member Department CSE, CSE(AI&ML) and CSE(DS)
8	Dr. Raghavender K. V.	BOS Internal Member Department CSE

3) Faculty as Resource Persons:

S.No	Name of Faculty Member, Designation	Guest Lectures/ Resource Persons

1	Dr. M. Seetha, Dean R&D	1. Participated in Campus Engagement Planning Call organized by Servicenow to discuss the "Campus Engagement Plan" on 6th Oct 2021 at 11:00 AM. 2. Participated in Infosys campus connect conclave 2021 conducted in December 2021by Infosys Spring board. 3. Presented a session on ‘Transformation of IoT into Data Science and Deep Learning’ at Sridevi Women’s Engineering College, Hyderabad from 7/12/2020 to 11/12/2020. 4. Resource Person for the FDP on ‘Deep Learning and AI Applications’ organized by E & ICT Academy, NIT, Warangal in association with Dept. of CSE, GNITS in Sept 2021.
2	Dr. K. Venugopal Rao, Professor	1. Resource Person for Cyber Security & Block-Chain Technologies at *Guru Nanak Institutions Technical Campus, Hyderabad during* 14/12/2020 to 19/12/2020. 2. Resource Person for Machine Learning and IoT at Sri Indu College of Engineering & Technology *during* 09/11/2020 to 14/11/2020.
3	Dr. D.V. Lalitha Parameswari Associate Professor	1. Invited lecture on “Clustering Techniques applicable on Spatial Data” workshop titled by "Big Data Analytics and Hadoop”, being organized by Dept. of CSE. GNITS, Hyderabad 6th-7th December 2013.. 2. Conducted a Hands on session “R Programming” as part of a one week workshop titled by “Machine Learning Recent Trends and its Applications” being organized by Dept. of CSE, GNITS, Hyderabad 21st -26th November 2016. 3. Co-Convener for two-day International Conference on Computing, Communication and Electrical Technologies organized by GNITS in Association with IFERP during 28th and 29th Aug 2019 at GNITS.
4	Dr. G. Malini Devi, Asst. Professor	1. Delivered lecture on “Hybrid Data Clustering for PSO” workshop titled by "Big Data Analytics and Hadoop”, being organized by Dept. of CSE. GNITS, Hyderabad. 2. Delivered lecture on “Clustering Hands on” workshop titled by “Machine Learning Recent Trends and its Applications” being organized by Dept. of CSE, GNITS, Hyderabad. 3. Delivered lecture on “How to find out pre-feasibility of a Project: Preliminary Project Report (PPR)” workshop titled by Technology Based Entrepreneurship Development Programme (TEDP) Workshop being organized by NIPER Hyderabad. 4. Resource Person for How to find out pre-feasibility of a Project: Preliminary Project Report at NIPER Hyderabad *during* 09/11/2020 to 14/11/2020.

4) Faculty as Session Chairs:

S.No	Name of Faculty Member, Designation	Session Chairs

1	Dr. M. Seetha, Dean R&D	1. Session chair for the BHARAT-22 International Conference on Breakthrough in Heuristics And Reciprocation of Advanced Technologies. 2. Session chair for the 5th International Conference on Smart Computing And Informatics (SCI-2021) 17th - 18th September, 2021 at Vasavi College of Engineering (Autonomous), Hyderabad. 3. Nominated as Resource Person for One Week Online STTP On 'Machine Learning and Deep Learning Techniques for Artificial Intelligence Problems Using Python', Series-I at VNR VJIET, Hyderabad from 16/11/2020 to 21/11/2020.
2	Dr.N.Kalyani, Dean I & I	1. Nominated as Jury member for Smart India Hackathon 2022 hosted by VNRVJIT on 25th and 26th August 2022. 2. Nominated as Publication chair for the 6th International Conference on Intellegent Computing and Communication (ICICC – 21), during 18th -19th , November 2022 . 3. Esteemed member of the "Technical Program Committee" of the 4th International Conference on Smart Computing and Informatics(SCI-2020) Vasavi College of Engineering , Hyderabad and contributed in the peer review process 9/10/2020 to 10/10/2020. 4. Steering Committee Chair at International Conference on Robotics Design and Application using Wireless Sensor Networks, IoT and Artificial Intelligence(ICRDASIA-2020)",GNITS, Hyderabad 26/11/2020 to28/11/2020
3	Dr. Jayashree S Patil, Associate Professor	1. Technical Program Chair for 5th International Conference on Data Science, Machine Learning and Applications (ICDSMLA - 23) held on 15th-16th December 2023. 2. Technical Program Chair for 6th International Conference on Intelligent Computing and Communication (ICICC-22) held on 18th & 19th Nov, 2022
4	Dr. D.V. Lalitha Parameswari, Associate Professor	1. Steering Committee Chair, for two day ICRDASIA organized by GNITS in Association with IFERP during 26th and 28th November 2020 at GNITS. 2. Online hackathon jury member for "Dev Jam 1.0" at CMR College of Engineering and Technology during 1-6-2020 to 2-6-2020.
5	Dr. G. Malini Devi, Asst. Professor	1. Online hackathon jury member for "Dev Jam 1.0" at CMR College of Engineering and Technology during 1-6-2020 to 2-6-2020.

5) Faculty Professional Memberships:

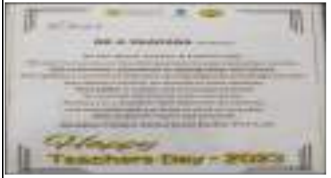
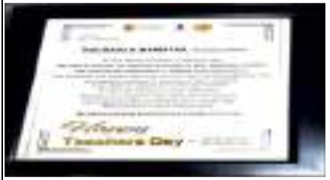
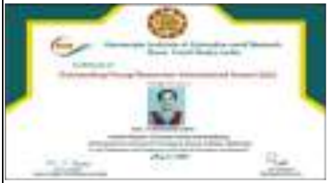
S.No	Name of Faculty	Professional Memberships

1	Dr. A. Sharada	Life member of CSI, Fellow of IEI, Member of Institute of Scholars(InSc)
2	Dr. M. Seetha	LMISTE, LMIETE, IMCSI, IASCIT, IAENG
3	Dr. Nara. Kalyani	CSI,ISTE, FIEI ,IEAE
4	Dr. Jayashree S Patil	CSI, IEI, ISTE
5	Dr. D.V. Lalitha Parameswari	Associate member of CSI, IEI,IEEE
6	Dr. G. Malini Devi	IEI,IEAE
7	Dr. Raghavender K V	Life Member of ISTE, SDIWC, IFERP, NCSSS, IAENG
8	Dr. P.Sunitha Devi	CSI Membership: Nom-Ed Member of CSI
9	R. Pallavi Reddy	InSc, SWIWC, IAENG
10	Bhageshwari Ratkal	ISTE Life Member, CSI Membership
11	V. Divya Raj	CSI Lifetime Member
12	M. Lalitha	CSI member, INSC Professional Membership, ACM member
13	G. Nagababu	LMCSI, LMISTE, IAENG & LMIIP
14	R. Mamatha	CSI & ACM Membership

6) Faculty awards:

S.No	Faculty Name	Name of the award	Awarding agency	Date	Photo
1	Dr M. Seetha, Dean R & D	Lifetime Achievement Award	AIMERs(Artificial Intelligence Medical & Engineering Researchers Society Awards)	2-3-2024	

2	Dr A. Sharada Professor, HOD CSE	Master Teacher Award	AIMERs(Artificial Intelligence Medical & Engineering Researchers Society Awards)	2-3-2024	
3	Dr. N. Kalyani Dean, I & I	Master Teacher Award	AIMERs(Artificial Intelligence Medical & Engineering Researchers Society Awards)	2-3-2024	
4	Dr. JayaShree S Patil Assoc. Prof.	Mentorship and development Award	AIMERs(Artificial Intelligence Medical & Engineering Researchers Society Awards)	2-3-2024	
5	Mrs. Y. Sravani Devi Asst. Prof.	Raising Star Educator Award	AIMERs(Artificial Intelligence Medical & Engineering Researchers Society Awards)	2-3-2024	
6	Dr. Raghavender K V, Assoc. Prof.	Distinguished Alumni Award	GRIET	23/12/2023	
7	Mrs.S.Sandhya, Asst. Prof.	Best Faculty Award	Knowledge Research Academy	23/12/2023	

8	Mrs.M. Lalitha, Asst. Prof	Best Faculty Award	Knowledge Research Academy	29/10/2023	
9	Mrs.R.Mamatha, Asst.Prof	Best Industry-Institute Coordinator Award	Knowledge Research Academy	29/10/2023	
10	Dr.A.Sharada, Professor, HOD CSE.	Special appreciation award as coordinator	Brainovision Solution Pvt. Ltd	2/09/2023	 Happy Teachers Day - 2023
11	Dr.P.Sunitha Devi Asst.prof,	Special appreciation award as coordinator	Brainovision solution Pvt.Ltd	2/09/2023	
12	Mrs.R.Mamatha, Asst. Prof	Special appreciation award as coordinator	Brainovision solution Pvt.Ltd	2/09/2023	 Happy Teachers Day
13	Mrs.Y. Sravani Devi, Asst. Prof	Outstanding Young Researcher International Award	KIER	21/05/2023	

14	Dr. P.Sunitha Devi, Asst. Prof	Best Student Branch Counsellor Award	CSI Hyderabad@T-Hub	06/05/2023	
15	Dr. P.Sunitha Devi, Asst. Prof	Best Paper Award	GNITS	19/11/2022	
16	Mrs.Y. Sravani Devi, Asst. Prof	Best Paper Award	GNITS	19/11/2022	
17	Mrs.M.Lalitha, Asst. Prof	Uttama Adyapika	Bharat Education Excellence	4/09/2022	
18	Mrs.R. Mamatha, Asst. Prof	Uttama Adyapika	Bharat Education Excellence	4/09/2022	
19	Mrs.Y. Sravani Devi, Asst. Prof.	Young Scientist Award.	VDGOOD Professional Association.	Jan -2022	
20	Mrs.M. Lalitha, Asst. Prof	AICTE LITE Faculty Coordinator	AICTE and Pupil first School	Dec -2021	

21	Mrs.T. Divya Kumari, Asst. Prof	Best Paper Award	PSG Institute of Technology and Applied Research	Dec -2021	
22	Mrs.R. Pallavi Reddy, Asst. Prof	Research Excellence Award	Institute of Scholars	Sept -2021	
23	Mrs.M. Lalitha, Asst. Prof	Young Achiever Award	Institute of Scholars	June-2021	
24	Mrs.R. Mamatha, Asst. Prof	Best Paper Award	KLEF	June -2021	
25	Mrs.S. Sandhya, Asst. Prof	Best Paper Award	CBIT	April-2021	
26	Dr. Raghavender K V, Assoc. Prof	Award of Excellence in Research	Novel Research Academy, Puducherry	March-2021	

7) Online Certification by Faculty:

Sl. No.	Name of the Course	Name of the Faculty	Course Duration (Start date/No. of weeks)
1	PALS-VLABS	Mr. N Venkateswarulu	3 days
2	The Complete Python / PostgreSQL Course 2.0	Mrs. K Gnana Prasuna	1-Week
3	System Administration and IT Infrastructure Services	Mrs. A Leela Kumari	April 3, 2023
4	Operating Systems and You: Becoming a Power User	Mrs. A Leela Kumari	March 14, 2023
5	The Bits and Bytes of Computer Networking	Mrs. A Leela Kumari	March 8, 2023
6	Technical Support Fundamentals	Mrs. A Leela Kumari	February 21, 2023
7	Journey to Cloud: Envisioning Your Solution	Mrs. Divya Kumari Tankala	1-Week
8	Getting Started with Enterprise Data Science	Mrs. Divya Kumari Tankala	1-Week
9	Introduction to Generative AI	Mrs.D.Naga swetha	1-Week
10	Creative Lead Generation Messemger Chatbot using Chatfuel	Mrs. D.Naga swetha	1-Week
11	Module 7 - Creative Problem Solving, Innovation and Meaningful Research and Development	Dr. A. Sharada	Sep-Nov 2021 (8-Weeks)
12	Module 2 – Professional Ethics and Sustainability	Mrs. D. Naga Swetha Mr. Anil	Sep-Nov 2021 (8-Weeks)
13	Module 3 – Communication Skills, Modes and Knowledge Dissemination	Mrs. D. Naga Swetha Mr. Anil	Sep-Nov 2021 (8-Weeks)
14	ntroduction to Machine Learning	Mrs. M. Anusha	July-Sep 2021 (8-Week Course)
15	Operating System Fundamentals	Mrs. N. Anusha	July-Oct 2021 (12-Week Course)

16	The Complete Java Certification Course	Mrs. V. Divya Raj	6/6/2021
17	Module 7 - Creative Problem Solving, Innovation and Meaningful Research and Development	Mrs. P. Sunitha Devi	Sep-Nov 2020 (8-Weeks)
18	Module 1 - Orientation Towards Technical Education and Curriculum Aspects	Mrs. D. Naga Swetha	Sep-Nov 2020 (8-Weeks)
		Mr. Anil	
19	The Complete Java Certification Course	Mrs. V. Divya Raj	6/6/2021
20	Covid-19 Contact Tracing	Mrs.B.Geetha Kumari	15/6/2020 (1Week)
21	AI for Everyone	Mrs. J. Padmavathi	14/6/2020(4 weeks)
22	Neural Networks and Deep Learning	Mrs. V. Divya Raj	6/6/2020 (4 Weeks)
23	Python for Everybody	Mrs. V. Divya Raj	8/6/2020 (32 Weeks)
24	Capstone: Retrieving, Processing, and Visualizing Data with Python	Mrs. V. Divya Raj	22/5/2020 (1 Week)
		Mr. A. Sharath Kumar	26/4/2020 (6 Weeks)
		Mrs. D.R Nandadevi	26/4/2020 (6 Weeks)
		Mrs. T. Divya Kumari	26/4/2020 (6 Weeks)
25	Using Python to Access Web Data	Mrs. T. Swapna	12/6/2020 (6 Weeks)
26	Using Databases with Python	Mrs. V. Divya Raj	12/6/2020 (6 Weeks)
27	Python Basics	Mrs. D.R Nandadevi	2/6/2020 (4 Weeks)
28	Introduction to Python	Mrs. B. Geetha Kumari	11/6/2020 (1 Week)

29	Introduction to Data Science in Python	Dr.D.V.Lalitha Parameswari	1/6/2020 (4 Weeks)
30	Building Web Applications in PHP	Mr. A. Sharath Kumar	11/06/2020 (8 Weeks)
31	Introduction to HTML5	Mrs. V. Divya Raj	12/6/2020 (3 Weeks)
		Mrs. Nanda Devi D.R	6/6/2020 (3 Weeks)
		Mr. Anil Tellur	12/6/2020 (3 Weeks)
32	The Bits and Bytes of Computer Networking	Mrs. Jayashree S Patil	11/06/2020 (6Weeks)
		Mrs. V. Divya Raj	6/6/2020 (6 Weeks)
33	Text Retrieval and Search Engines	Mrs. J. Padmavathi	14/6/2020(6 Weeks)
34	Introduction to Big Data	Mrs. B. Geetha Kumari	10/6/2020 (3 Weeks)
35	International Cyber Conflicts	Mrs. B. Geetha Kumari	11/6/2020 (5 Week)
36	Cyber Security and the Internet of Things	Mr. Anil Tellur	17/6/2020 (4 Weeks)
		Mrs. Jayashree S Patil	17/6/2020 (4 Weeks)
37	Bayesian Methods for Machine Learning	Mrs. P. Keerthi Chandrika	8/6/2020 (6 weeks)
38	Essential Google Cloud Infrastructure: Core Services	Mrs. K. Sneha Reddy	29/6/2020 (4 Weeks)
39	Facial Expression Recognition with Keras	Mrs. Bhageshwari Ratkal	7/9/2020 (4 Weeks)
40	Introduction to Cyber Security Tools & Cyber Attacks	Mrs. Bhageshwari Ratkal	11/9/2020 (4 Weeks)
41	Artificial Intelligence & Machine Learning	Mrs Y Sravani Devi	9/6/2020 (7 weeks)
42	Python for Data Science	Mrs Y Sravani Devi	20/6/2020 (2 Weeks)

43	The Data Science Course 2020: Complete Data Science BootCamp	Mrs Y Sravani Devi	6/8/2020
44	Machine Learning with Python: A Practical Introduction	Dr. D.V.Lalitha Parameswari Dr. G. Malini Devi	17/7/2020
45	Data Science for Python	Mrs Y Sravani Devi	15/7/2020 (6 Weeks)
46	AI for Everyone: Master the Basics	Dr. D.V.Lalitha Parameswari Dr. G. Malini Devi	9/7/2020

8) Sanctioned projects for various schemes(for detailed list of Sanctioned Projects refer 5.8.2):

Assessment Year	Total amount Sanctioned in rs.
2022-2023	**3,46,619/-**
2021-2022	**59,24,719/-**
2020-2021	**7,17,647/-**

9) IPR/ Patent published by Faculty:

S.No	Application Title	Faculty Inventors	Student Inventors	Data of publication	Application Numbre	Status (Published / Granted)
1	Muting Advertisements using Speech Recognition	Dr A.Sharada Mrs.Ch. Mandakini Mrs.V. Divya Raj Mr. T. Rajesh	M. Sindhuja S. Tejaswini S. Sruthi AdhyaIndraganti	19/01/2024	202341088575 A	Published

2	Elevating Ml Ops By Integrating Model Deployment, Real-Time Monitoring, And Robust Data Engineering	Dr. N. Kalyani Dr. Jayashree S Patil Mrs. S. Sandhya Mrs. Ch. Radhika	Oruganti Soumya Mani Madhavi S. Lahari Yadav Akshara Puligilla Mallapragada Suma	19/01/2024	202341088367 A	Published
3	Method And System For Providing Stock Portfolio Trading Bot	Mr.N.Venkateswarulu Dr.D.V. Lalita Parameswari Mrs. Bhageshwari Ratkal Mrs. M. Lalitha	Oruganti Soumya Mani Madhavi AksharaPuligilla Mallapragada Suma	19/01/2024	202341088370 A	Published
4	Delirium’s psychomotor behaviors among long-term care facility for patients	Dr.G.Malini Devi Dr Raghavender K V Mrs.R. Pallavi Reddy Mrs.J. Padmavathi	N.Spandana M.Amitha N.Alekhya M.Mounya	02/02/2024	202441001253 A	Published
5	Gesture Genie: Expression Analyzing Avatar Based Gesture to Speech Interpreter	Dr. P. Sunitha Devi Mrs. R. Mamatha Mr B Vamshi Mr Naga Babu Garigipati	M. Naga Sai Priya Y. V.SatyaSarika D.Veena T.Shreya Kavuri Sri Eesha	09/02/2024	202441001765 A	Published
6	Enhanced Communication among Hearing Imapired through Gesture and Facial Expression on 3D Avatar	Mrs. Bhageshwari Ratkal Dr Raghavender K V Mrs. Ch.Swathi Mrs. J. Srilatha Mrs. G. Sandhya	V.Vennela V. Likhithasree G.Akshaya M.Pravallika	09/02/2024	202441001764 A	Published

7	Comparative Analysis Of Deep Learning Algorithms For Glaucoma Classification Using Retinal Images	Mrs.T.Swapna Dr.K.Prasanna Mrs.R.Mamatha Mrs.N.Divya Mrs.D.Anusha Mrs.C.Bhagyasree	-	09/02/2024	202441001166 A	Published
8	Polycystic Ovarian Syndrome Detection Using Cnn	Mrs.S.Sandhya Dr.O.Obulesu Mrs.G.Roja Mrs.B.Amrita Mrs.Y.Rajyalaxmi Mrs.K.Sreeveda Mr.SivaSankarNamani	-	09/02/2024	202441001801 A	Published
9	Automated Diabetic Retinopathy Detection through Retinal Vessel Segmentation using G-NET and R-UNET	Dr. D.V. Lalitha Parameswari Dr.G.Malini Devi Dr.P.Sunitha Devi Mrs.M.Anusha Mrs. A. LeelaKumari	Vasantha HimaVarshaSalana PadamaSri SudeshnaPasula	09/02/2024	202441001164 A	Published
10	Dharmayudh	Dr.A.Sharada Dr.P.Sunitha Devi Dr Jayashree S Patil Mrs. Bhageshwari Ratkal Dr.K.Prasanna	Siri Chandana Ponnamaneni Govindu Samhitha Vutukur Keerthi Vasanthi Gunjipalli	09/02/2024	.202441001163 A	Published
11	Delirium’s psychomotor behaviors among long-term care facility for patients	Dr.G.Malini Devi Dr Raghavender K V Mrs.R. Pallavi Reddy Mrs.J. Padmavathi	N.Spandana M.Amitha N.Alekhya M.Mounya	02/02/2024	202441001253 A	Published

12	Voice Automation Bed with Movement Assistance for Bedridden Individuals	Dr.M.Seetha Dr.A.Sharada	Farah Anjum	22/12/2023	202341078593	**Granted**
13	Software Bug Prediction System using NLP and Machine Learning Technology.	Dr. A. Sharada Mrs. R. Mamatha	-	06/10/2023	202341060218A	Published
14	Method for redundant transmission of data messages in communication using machine learning	Dr. D.V. Lalitha Parameswari	-	01/09/2023	202341054350 A	Published
15	A Computer aided Diagnosis System for Lung Disease Detection using CT Images.	Mrs. M. Anusha	-	01/09/2023	202341051787A	Published
16	Internet-of-medical things based health monitoring system using Machine Learning Techniques.	Mr.N.Venkateswarulu	-	30/06/2023	202341039105	Published
17	Early Action Prediction Using Deep Learning Framework For Anomaly Detection From Surveillance Videos By Recurrent Residual Inception V3 And Lstm	Mrs. D. Manju Dr. M. Seetha	-	04/02/2022	202141060727 A	Published
18	NICE : Nervousness Indicator In Class Room Environment	Dr. A. Sharada Mrs. M. Lalitha Mrs. R. Mamatha Mrs. T. Swapna	Ms. K. N. Samhitha Ms. A. Rishika Reddy Ms. K. Spandana Ms. A. Sravanthi	14/10/2022	202241055727 A	Published

19	G-EYE, A Portable And Mobile Compatible Device For Retinal Imaging	Dr. M. Seetha Dr. N. Kalyani Mrs. Y. Sravani Devi Mrs. V. Divya Raj	Ms. ShubhasriVanam Ms. M.S.V.L. Sasirekha Ms. JellellaRachana Ms. Yada Vaishnavi Ms. Bashetty Shreya	07/10/2022	202241055682 A	Published
20	Mining safety protocol monitoring system employing IOt Integrated hyper ledger cloud module	Mrs. Bhageshwari Ratkal	-	27/05/2022	202241027633A	Published
21	A Machine Learning Based System For Providing A Biomedical User Interface	Dr.Raghavender K V	-	11/03/2022	202241011172 A	Published
22	IoT based smart city power management technique	Dr.Raghavender K V	-	18/03/2022	202241012931 A	Published
23	AI &IOT Based Pedestrian Traffic Display	Mrs. Ch. Swathi	-	11/12/2021	354775001	**Granted**
24	Land survey and registration system with video proofing based IOT hyper ledger cloud module	Mr. Anil Tellur	-	15/12/2021	202141058353A	
25	Internet of Things (IoT) enabled secure Smart City Application	Dr. O. Obulesu	-	06/07/2021	3097/2021/CO/L	Published
26	AVariational Auto-Encoder Convolutional Neural Network (VAE-CNN) model to identify the prevalence of Diabetic Retinopathy disease	Mrs Y Sravani Devi Dr. M. Seetha Dr. N. Kalyani	-	11/06/2021	202141020520A	Published
27	A Novel Real Time Sentiment Data Classification System with enhanced long short term Memory	Dr.Ch. Ramesh Mrs. Ch. Swathi	-	23/04/2021	202141017859A	Published

5.6 Innovations by the Faculty in Teaching and Learning (10)

Total Marks 10.00

Institute Marks : 10.00

Statement of clear goals, use of appropriate methods, significance of results, effective presentation (4)

GNITS has a very good student enrolment and caters to the student diversity by exposing them to the various activities intended to improve the differential learning needs such as poster presentation, role plays, projects, industry visits and report writing etc.

Students are provided with a combination of traditional and innovative methods to make learning student centric.

As a consequence, teachers are using ICT tools to enhance and optimize the delivery of education which nurtures the cognitive and emotional growth of students and has a positive impact on their academic achievements and persistence.

The various student centric methods adopted in Teaching-Learning process are classified into three categories and are listed in following Table 5.6.1.

Table 5.6.1 Classification of Student Centric Methods

EXPERIENTIAL LEARNING	**PARTICIPATIVE LEARNING**	**PROBLEM SOLVING**
· Hackathons	· Video	· Project based learning
· Workshops	· Demonstration	· Real time case studies
· Seminars	· Activity-based learning	· Worksheets
· Virtual Lab	· Jigsaw	· Open book test
· Simulation	· Think pair share	· Proto type model
· Role play	· Flipped Class room	· Cross words
· Review web literature	· Plicker	· Research Projects
· Journal Review	· Guest lecture	· Viva
	· Professional practice school	· Poster presentation
	· GD/ debate	
	· Peer learning groups	
	· MOOCs	
	· Google Classroom	
	· PPT	
	· Kahoot	
	· Mind Map	

	· Pogil	
	· Language games	
	· Public speaking	

Experiential learning highlights active participation and hands-on experience and includes practical applications, real-time examples. It improves understanding, and skill development, making learning more effective.

The methods implemented are:

- Workshops
- Seminars
- Virtual Lab
- Simulation
- Hackathon

Samples of Experiential Learning:

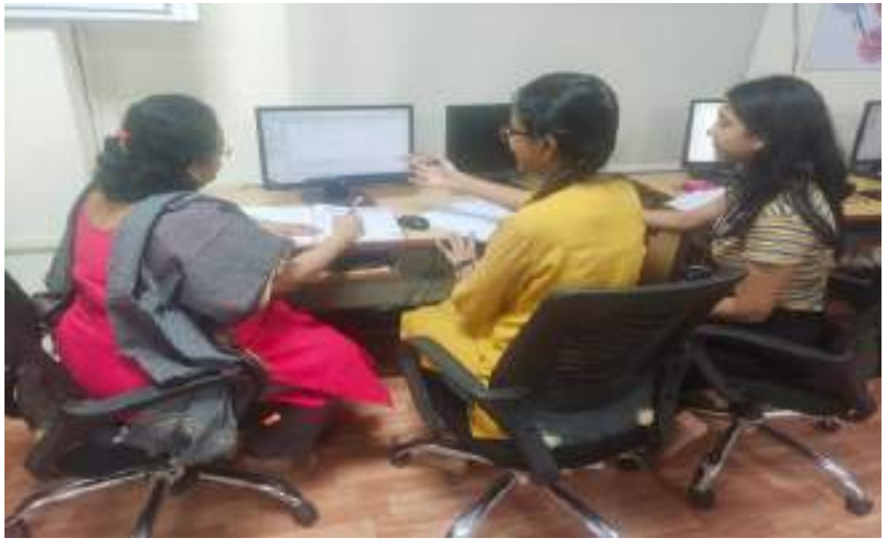


Figure 5.6.1: Experiential Learning – Students implementing Data Structures Virtual lab

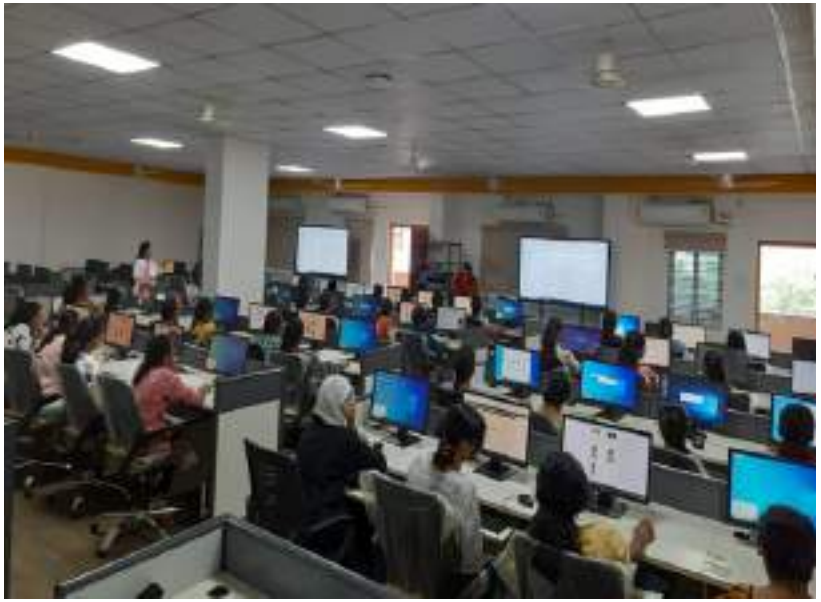


Figure 5.6.2: Experiential Learning – Students attending seminar

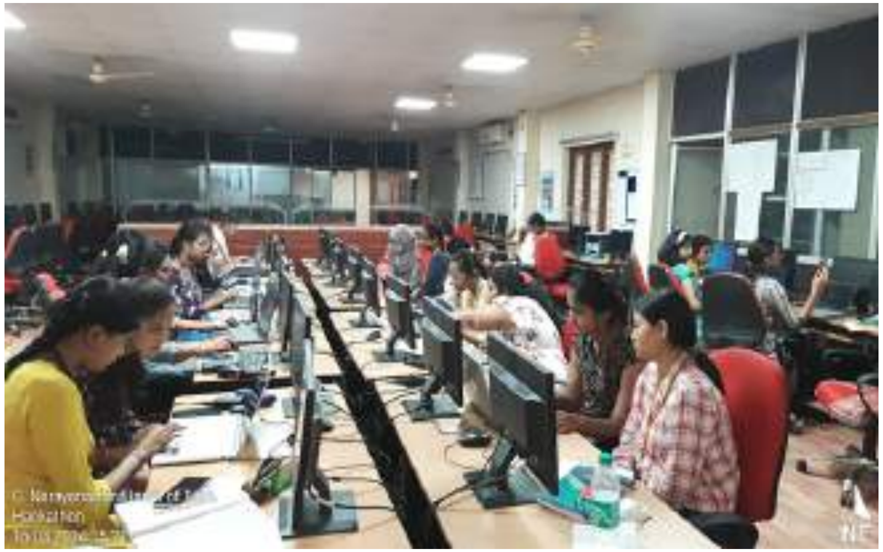


Figure 5.6.3: Experiential Learning – Students participating in Hackathon

Hyderabad,TG,India
Shaikpet, Hyderabad, 500008, TG, India
Lat 17.412641, Long 78.398490
12/19/2023 03:20 PM GMT+05:30
Note : Captured by GPS Map Camera

Figure 5.6.4: Experiential Learning – Students participating in Workshop

Figure 5.6.5: Experiential Learning – Students presenting the seminar

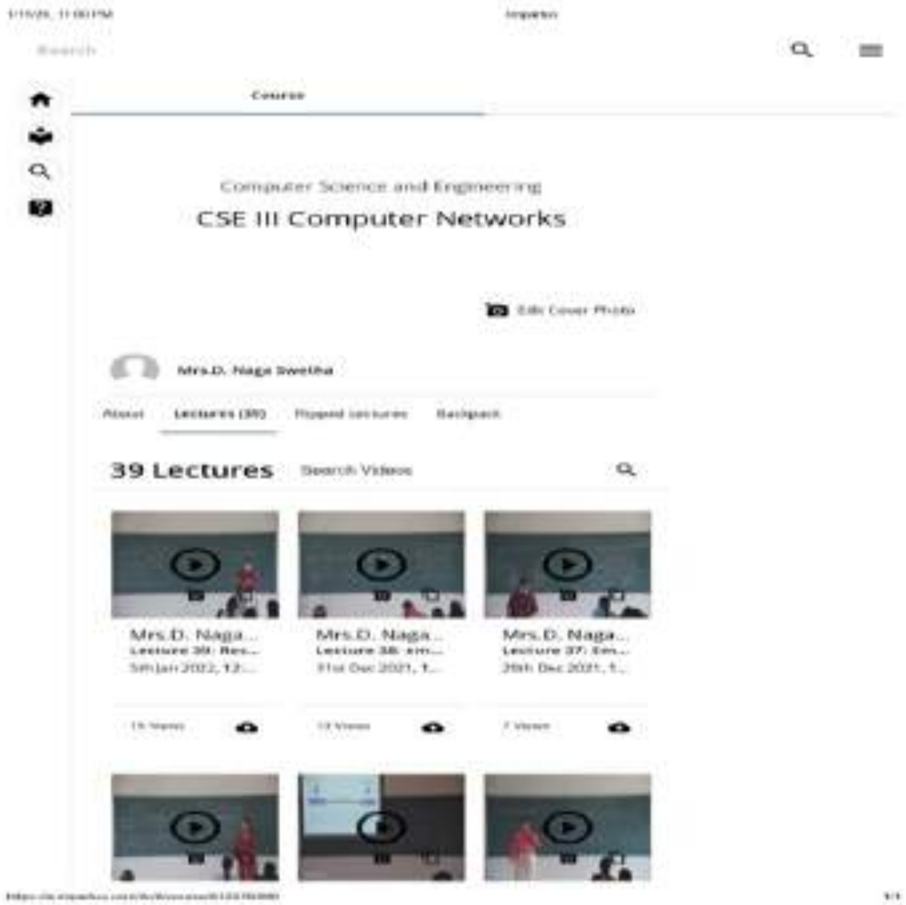
Figure 5.6.6: Experiential Learning – Students participation in workshop

Participative learning encourages students to share ideas, interact and collaborate for developing projects. This motivates students to take up group activities, nurtures a supportive learning environment, promotes critical thinking and develop communication skills.

The methods implemented are:

- Video
- Demonstration
- Activity-based learning
- Think-Pair-Share
- Guest Lecture
- Professional Practice School
- GD/Debate
- MOOCs
- PPT.

Samples of Participating learning:



Course

Computer Science and Engineering

CSE III Computer Networks

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Figure 5.6.7: Participative Learning – Impartus videos of Computer Networks Subject

Figure 5.6.8: Participative Learning - Think Pair Share for Computer Networks Subject

Figure 5.6.9: Participative Learning – PPT in Data Structures subject

Figure 5.6.10: Participative Learning – Students participating in Guest Lecture

Problem Solving: Problem solving is the process of defining a problem, identifying its root cause, prioritizing and selecting potential solutions, and implementing the chosen solution. It is a thought process to find solutions to problems and hurdles. It involves recognizing the problem, analyzing its root cause, exploring probable solutions and implementing the most appropriate one. Effective problem-solving skills are essential in various aspects of life. With critical thinking, creativity and logical reasoning, individuals can address complex issues and take decisions to overcome difficulties.

The methods implemented are:

- Project-based learning
- Real-time case studies
- Worksheets
- Open Book Test
- Proto-type model
- Viva

Samples of Problem Solving

Figure 5.6.11: Problem Solving – Viva-Voce conduction in Programming Lab for I Year B.Tech students

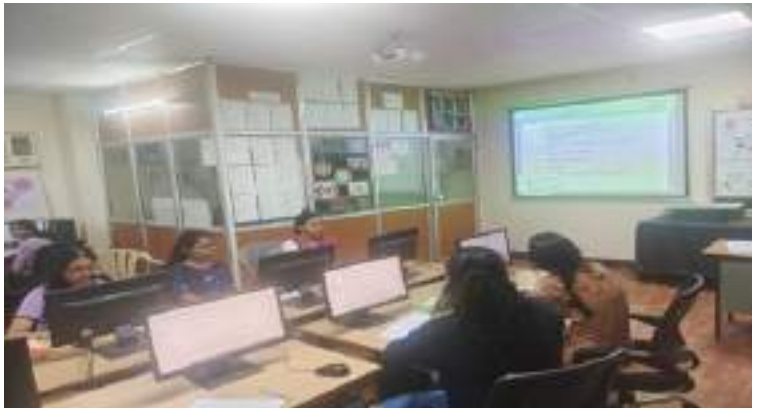


Figure 5.6.12: Problem Solving - Real Time Case Study for Developing a Web Application

Figure 5.6.13: Problem Solving – conduction of Viva-Voce in Data Mining Lab for III Year B.Tech students

Hyderabad,TG,India

Figure 5.6.14: Problem Solving – Participation in project based learning

The ICT tools usage is detailed in table 5.6.2 and 5.6.3

Table 5.6.2: ICT Tools Usage Summary

Academic Year	No of teachers using ICT	No of Teachers on Roll
2023-24	38	38

2022-23	35	35
2021-22	37	39
2020-21	34	39

Table 5.6.3: ICT Class room Details

S.No	Location / Lecture Hall	Class Room/ Seminar Hall	ICT Facilities
1	C-201 (LH-1)	Class Room	LCD Projector
2	C-205 (LH-3)	Class Room	LCD Projector
3	C-301 (LH-4)	Class Room	LCD Projector
4	C-302 (LH-5)	Class Room	LCD Projector
5	C-401 (LH-6)	Class Room	LCD Projector
6	C-402 (LH-7)	Class Room	Interactive Smart Board
7	C-405 (LH-8)	Class Room	Interactive Smart Board
8	C-406 (LH-9)	Class Room	Interactive Smart Board
9	F-101 (F-1)	Class Room	LCD Projector
10	F-102 (F-2)	Class Room	LCD Projector
11	A-401 (LH-14)	Class Room	LCD Projector
12	A-402 (LH-15)	Class Room	LCD Projector

B. Availability of work on the Institute Website (2)

Preparation of Course Material/Lecture Notes

- Faculty handling the course would prepare the content material well ahead the commencement of class work.
- Power point presentations are prepared with more examples and pictorial representations.
- Analytical and Problem oriented subjects are supported with material prepared by faculty which contains solved examples and exercise problems.
- LCD projectors are used for effective teaching to facilitate the faculty to spend more time on discussion.

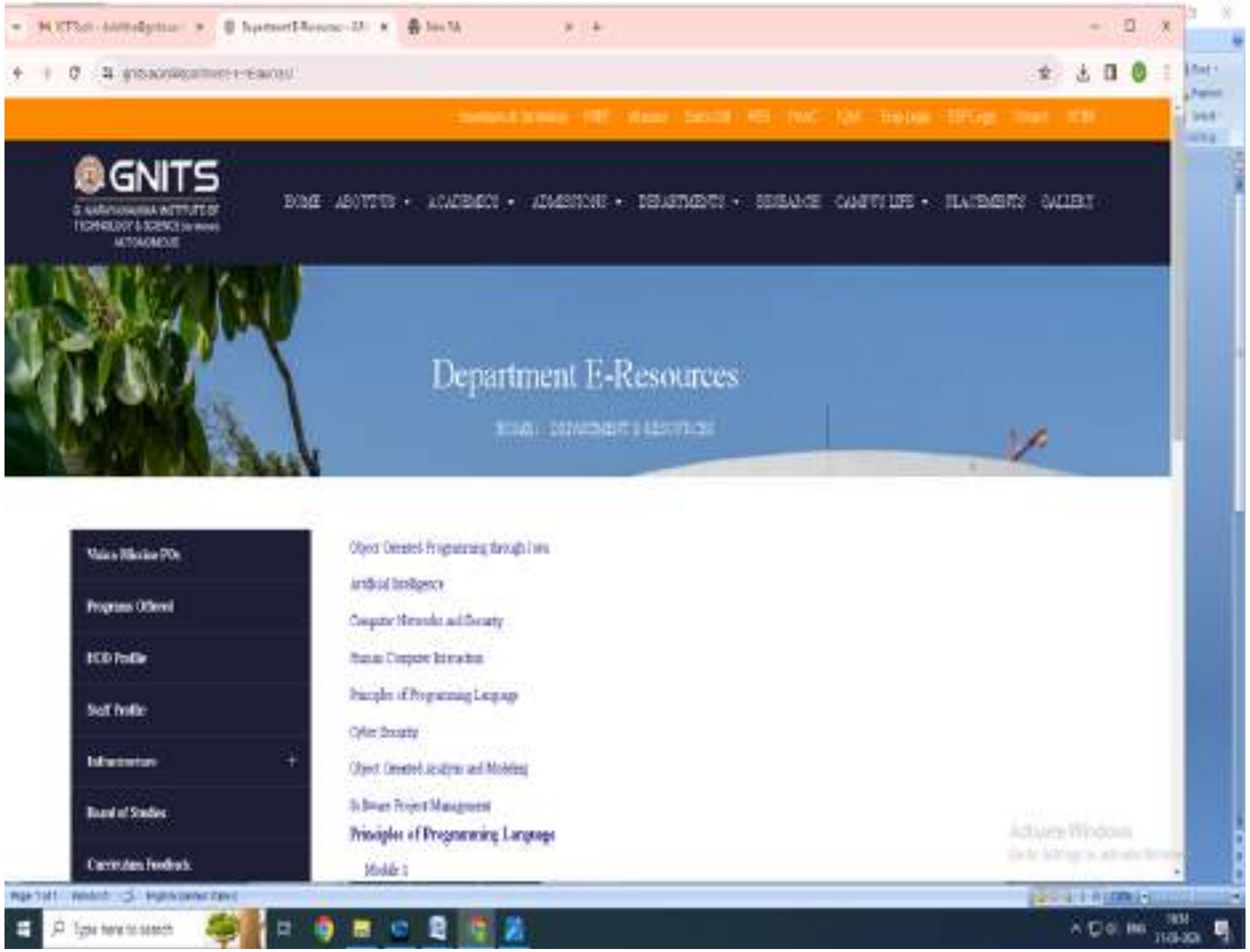
The materials developed by faculty are mentioned in table 5.6.4

Table 5.6.4: List of Instruction Materials

S.No	SUBJECT	Faculty Name	LINK
1	**Human Computer Interaction**	Mrs.G.Sandhya, Mr. T.Anil	https://www.gnits.ac.in/wp-content/uploads/2023/08/Human-Computer-Interaction_.pdf
2	**Formal Languages and Auotomata Theory**	Mrs. P. Sunitha Devi, Mrs. Nanda Devi D R , Mrs. Y. Sravani devi	https://archive.nptel.ac.in/courses/111/103/111103016/
3	**Data Structures**	Dr. A. Sharada, Dr. P. Sunitha Devi, Mrs.Y. Sravani Devi, Mrs. K. Gnana Prasuna	https://ds1-iiith.vlabs.ac.in/List%20of%20experiments.html https://ds2-iiith.vlabs.ac.in/List%20of%20experiments.html
3	**Artificial Intelligence**	Mrs.V.Divya Raj	https://drive.google.com/file/d/17ItikEC4a--EZ8aL2u81eXqharTb2TWD/view
4	**Web Technologies**	Mrs .M.Lalitha	https://www.youtube.com/watch?v=QyGEJuhtgsk
5	**Cryptography and Network Security**	Mrs Bhageswari Ratkal	https://drive.google.com/file/d/1diRM95Sl7ScwHXlzPlKO63Yt57JizBuo/view
6	**Compiler Design**	Mrs. Nanda Devi D R	https://drive.google.com/file/d/1_NavGvLecOdmY7_nb5Oq-9H2eSRpQ51k/view
7	**Cyber Security**	Mrs. Ch. Mandakini	https://drive.google.com/file/d/1HGQBrVyBZkpl6D-4Bu4KTa782cKIyoJW/view
8	**Operating Systems**	Dr.G.Malini Devi	https://drive.google.com/file/d/1kij6n-zf862t7jCCEwejtIpiDirjHV4N/view
9	**Discrete Mathematics**	Mr.N Venkateswarulu	https://drive.google.com/file/d/1xPubBl8EczeBJtZj_XAtA1JAMSyhq2BS/view

10	**Principles of Programming Languages**	Mrs.T.Divya Kumari	https://drive.google.com/file/d/183wOxvWBMAzQL9fOU7SFtyHmn5wObtkJ/view
11	**Software Project Management**	Mrs.D.Naga Swetha	https://drive.google.com/file/d/1qBipIpoP6hjPaTsvW5WsBOyxp37KGwjS/view

Avalibilty of E-Resources in GNITS Website: https://www.gnits.ac.in/department-e-resources/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Human Computer Interaction
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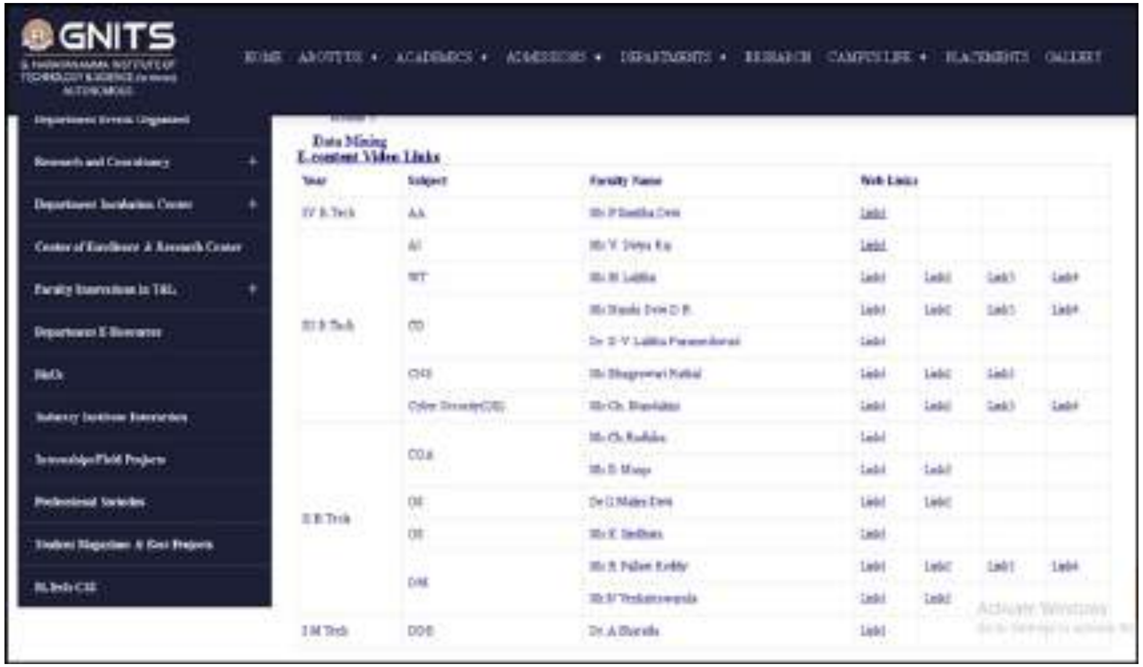
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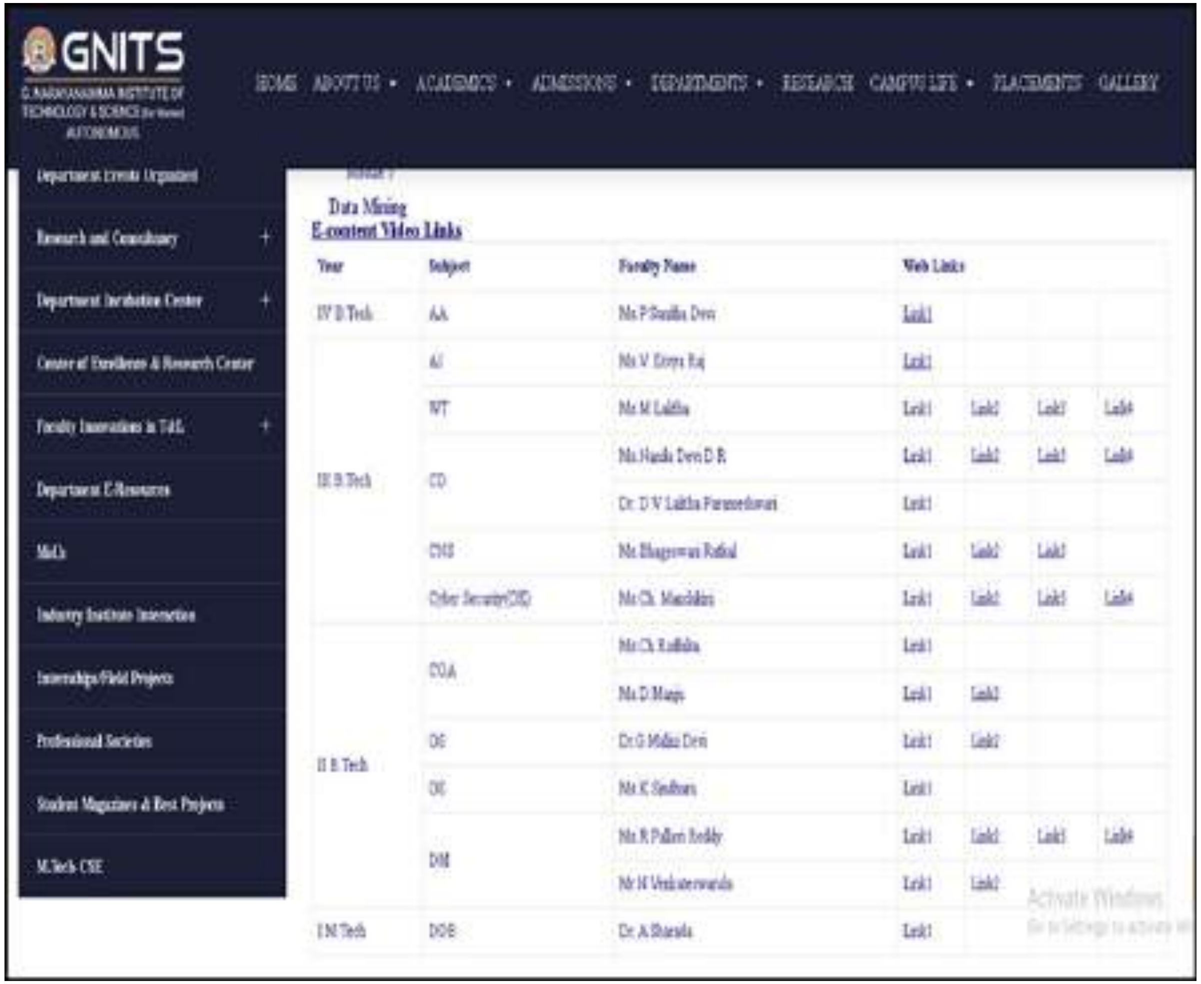
Data Mining

E-content Video Links

Year	Subject	Faculty Name	Web Links			
IV B.Tech	AA	Ms P [illegible] Devi	Link1			
III B.Tech	AI	Ms V. Divya Raj	Link1			
	WT	Ms M Lalitha	Link1	Link2	Link3	Link4
	CD	Ms Nanda Devi D R	Link1	Link2	Link3	Link4
		Dr S V Lalitha Parameshwari	Link1			
	CNS	Ms Bhagyawati Kathal	Link1	Link2	Link3	
	Cyber Security(OE)	Ms Ch. Bhanulakshmi	Link1	Link2	Link3	Link4
II B.Tech	COA	Ms Ch. Radhika	Link1			
		Ms B. Manju	Link1	Link2		
	OS	Dr G Malini Devi	Link1	Link2		
	OS	Ms K Sindhura	Link1			
	DM	Ms R Pallavi Reddy	Link1	Link2	Link3	Link4
		Ms N Venkateswarulu	Link1	Link2		
I M.Tech	DDS	Dr A Sharada	Link1			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Faculty Innovations in T&L
Department E-Resources
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Internships/Field Projects
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Student Magazines & Best Projects
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Data Mining

E-content Video Links

Year	Subject	Faculty Name	Web Links			
IV B.Tech	AA	Ms P Sunitha Devi	Link1			
III B.Tech	AI	Ms V Divya Raj	Link1			
	WT	Ms M Lalitha	Link1	Link2	Link3	Link4
	CD	Ms Nanda Devi D R	Link1	Link2	Link3	Link4
		Dr. D V Lalitha Parameswari	Link1			
	CNS	Ms Bhageswari Ratkal	Link1	Link2	Link3	
	Cyber Security(CSE)	Ms Ch. Mandakini	Link1	Link2	Link3	Link4
II B.Tech	COA	Ms Ch Radhika	Link1			
		Ms D Manju	Link1	Link2		
	OS	Dr G Mallika Devi	Link1	Link2		
	OC	Ms K Sindhura	Link1			
	DM	Ms R Pallavi Reddy	Link1	Link2	Link3	Link4
		Mr N Venkateswarulu	Link1	Link2		
I M.Tech	DOB	Dr. A Sharada	Link1			

List of Course Manuals developed by faculty for GNR-18 & GNR-22 Rgulations:

Faculty have developed lab manuals for various lab courses and they are shown in Tables 5.6.5 & 5.6.6

Table 5.6.5: List of Course Manuals for GNR-18 regulation

S.No	Year &Sem	Lab Subject	Faculty Name
1	I-I	Programming Lab	Dr. P. Sunitha Devi Mrs. K.Sindhura

2	II-I	Data Structures through C++ Lab	Dr. A. Sharada Dr. N. Kalyani Mrs. Y. Sravani Devi
		IT Workshop Lab	Mrs. D. Manju Mr. B. Vamshi Mrs. K. Gnana Prasuna
		Database Management Systems Lab	Mrs. J. Padmavathi Mrs. Ch. Swathi
3	II-II	Computer Organization & Micro Processor Lab	Mrs. D. Manju Mr. Ch. Sudharshan Reddy Mr. G. Nagababu
		Operating Systems Lab	Dr. G. Malini Devi Mrs.Ch. Radhika Mrs. K.Sindhura
		Object Oriented Programming through Java Lab	Mrs.Ch. Mandakini Mrs.M. Lalitha Mrs.M. Madhuri Latha
4	III-I	Computer Networks Lab	Dr. Jayashree S Patil Mr. Ch. Sudharshan Reddy Mrs. D. Naga Swetha Mr. G. Nagababu Mr. Ch. Sudharshan Reddy
		R-Programming Lab	Dr. D.V. Lalitha Parameswari Mrs. Amritha Bandarapu
5	III-II	Internet of Things Lab	Mr.T. Rajesh Mr.Anil

		Machine Learning Lab	Dr. N. Kalyani Mrs. D. Manju Mrs. T. Swapna
		Web Technologies & Data Mining Lab	Dr. D.V. Lalitha Parameswari Mrs. T. Divya Kumari
		Image Processing Lab	Mrs. D. Manju

Table 5.6.6: List of Course Manuals for GNR-22 regulation

S.No	Year &Sem	Lab Subject	Faculty Name
1	I-I	Programming Lab	Mrs. V. Divya Raj Mrs. T. Swapna
	I-II	Data Structures Lab	Mrs. V. Divya Raj Mrs. J. Gnana Prasuna
2	II-I	Database Management Systems Lab	Mrs. J.Padmavathi Mrs. Ch. Swathi
		IT Workshop Lab	Mrs. A. Deepthi Mrs. B. Spandana Mrs. G. Sandhya
3	II-II	Object Oriented Programming through Java Lab	Mrs. Ch. Mandakini Mrs.Bhageshwari Ratkal
		Operating Systems & Micro Processor Lab	Mrs. R. Mamatha Mrs.Ch. Radhika

4	III-I	Computer Networks Lab	Mr. Ch Sudharshan Reddy Mrs. D. Naga Swetha Mr. G. naga Babu
		Machine Learning Lab	Mr. N. Venkateswarulu Mrs.M. Anusha
		Full Stack Development Lab	Mrs. T. Divya Kumari Mrs. K. Gnana Prasuna
5	III-II	Computer Vision and Pattern Recognition Lab	Dr. D.V. LalitaParameswari Dr. G. Malini Devi

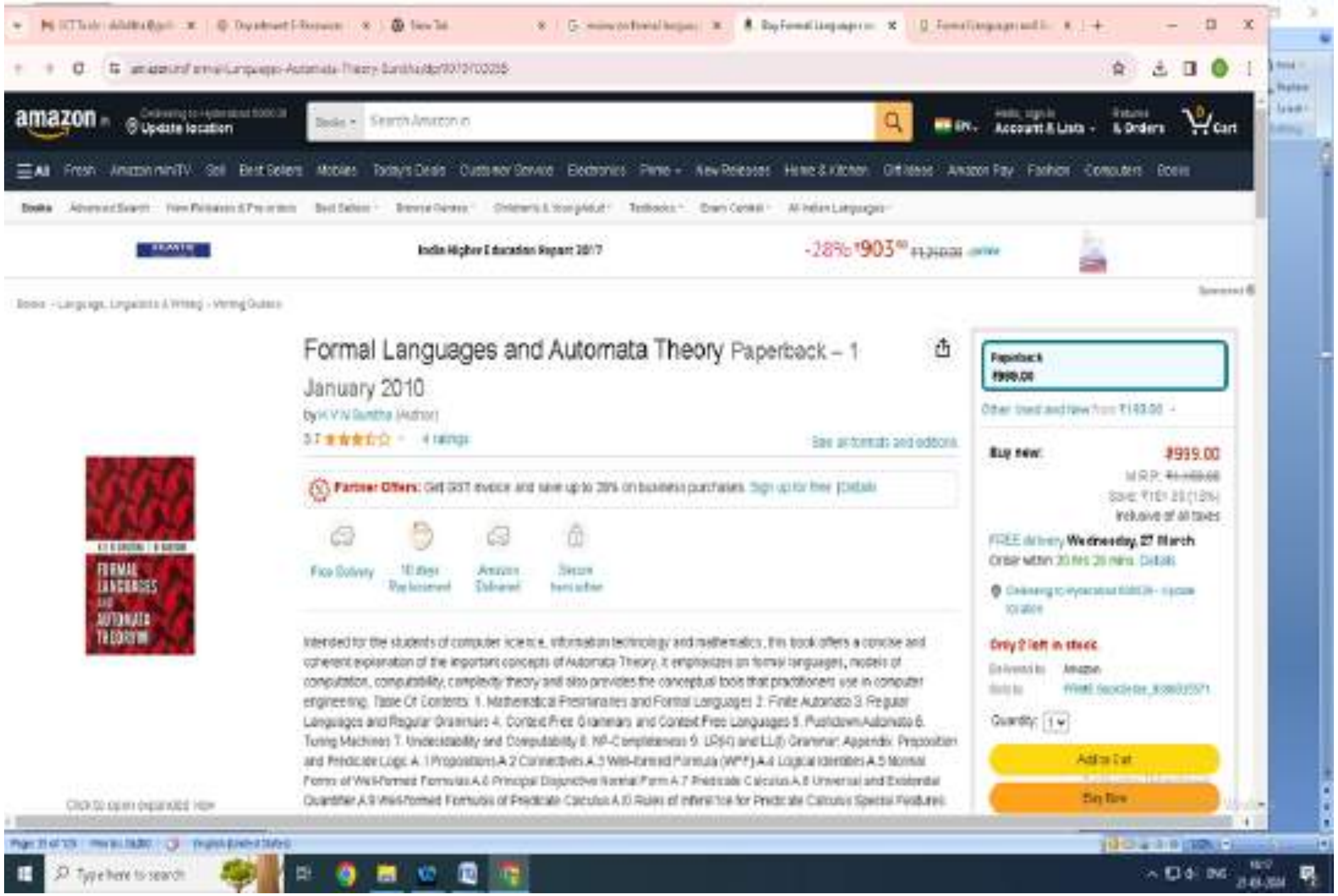
C. Availability of work for peer review and critique (2)

Faculty have published in various journals which were peer reviewed and the table 5.6.7 shows the consolidated list of Journal Publications:

Table 5.6.7: Journal Publications

Academic Year	Scopus Journals/ Conference Precedings	SCI/Web of Science	Google Scholar	UGC Care/ Others	Books
2022-2023	22	16	23	65	79
2021-2022	23	6	3	14	2
2020-2021	24	2	1	15	1

- **Dr. N. Kalyani** published a book a title **"Formal Languages and Automata Theory"** which has 3.7 rating.



Formal Languages and Automata Theory Paperback – 1 January 2010

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- **Mrs. M. Lalitha** has developed youtube videos for the subject **"Web Technologies"**.

Subject	**Faculty Name**	**Youtube link**			
Web Technologies	Ms.M Lalitha	Link1 (https://www.youtube.com/watch?v=QyGEJuhtgsk)	Link2 (https://www.youtube.com/watch?v=o_uO1GIYxB0)	Link3 (https://www.youtube.com/watch?v=S8y3c2h5ItA)	Link4 (https://www.youtube.com/watch?v=DltGwGMvBPc)

D. Reproducibility and Reusability by other scholars for further development (2)

Faculty have published their research articles in Scopus, Web of Science, Refereed and other indexed Journals , for which notable citations were received .Details are shown in tables 5.8.1.14, 5.8.1.16 and 5.8.1.17.

Sample Citations are shown in figures 5.6.15 to 5.6.18

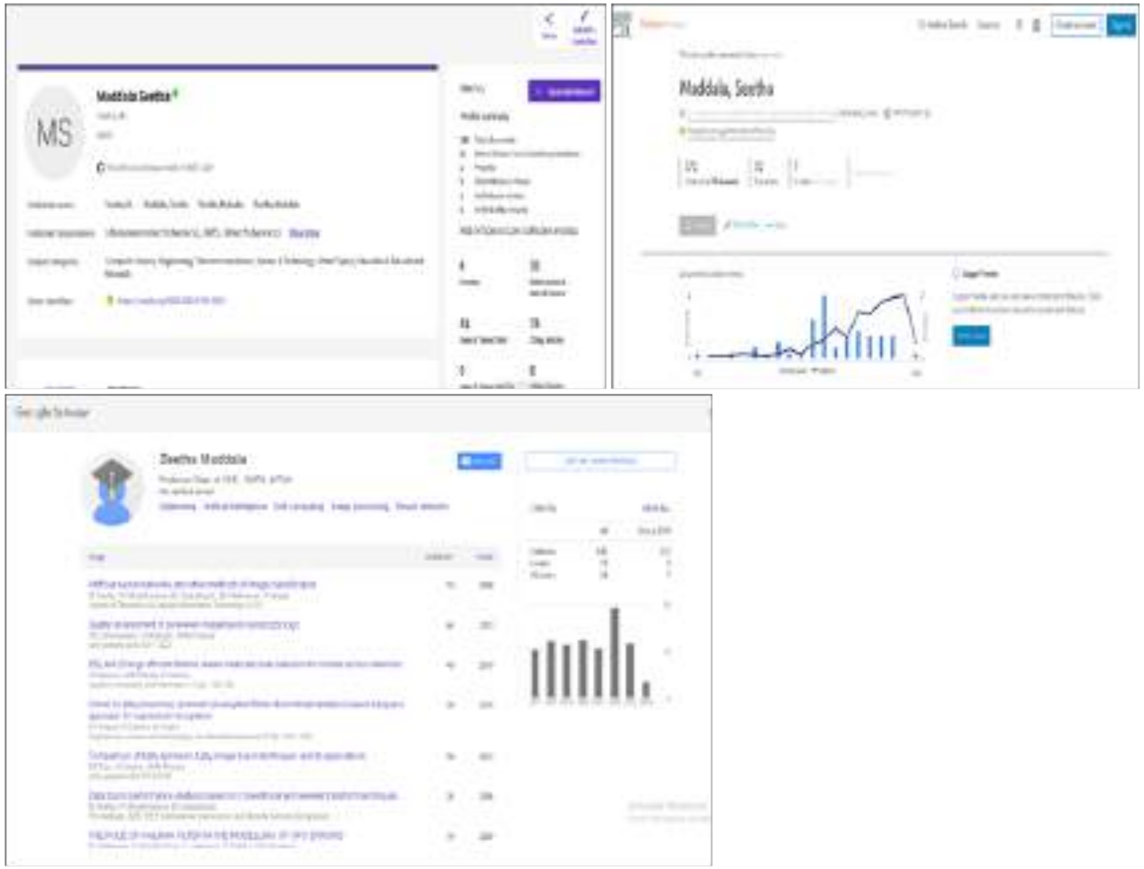

Maddala Seetha
MS
Maddala, Seetha
Google Scholar
Seetha Maddala

Figure 5.6.15: Web of Science, Scopus and Google Scholar Citation of Dr. M. Seetha

]

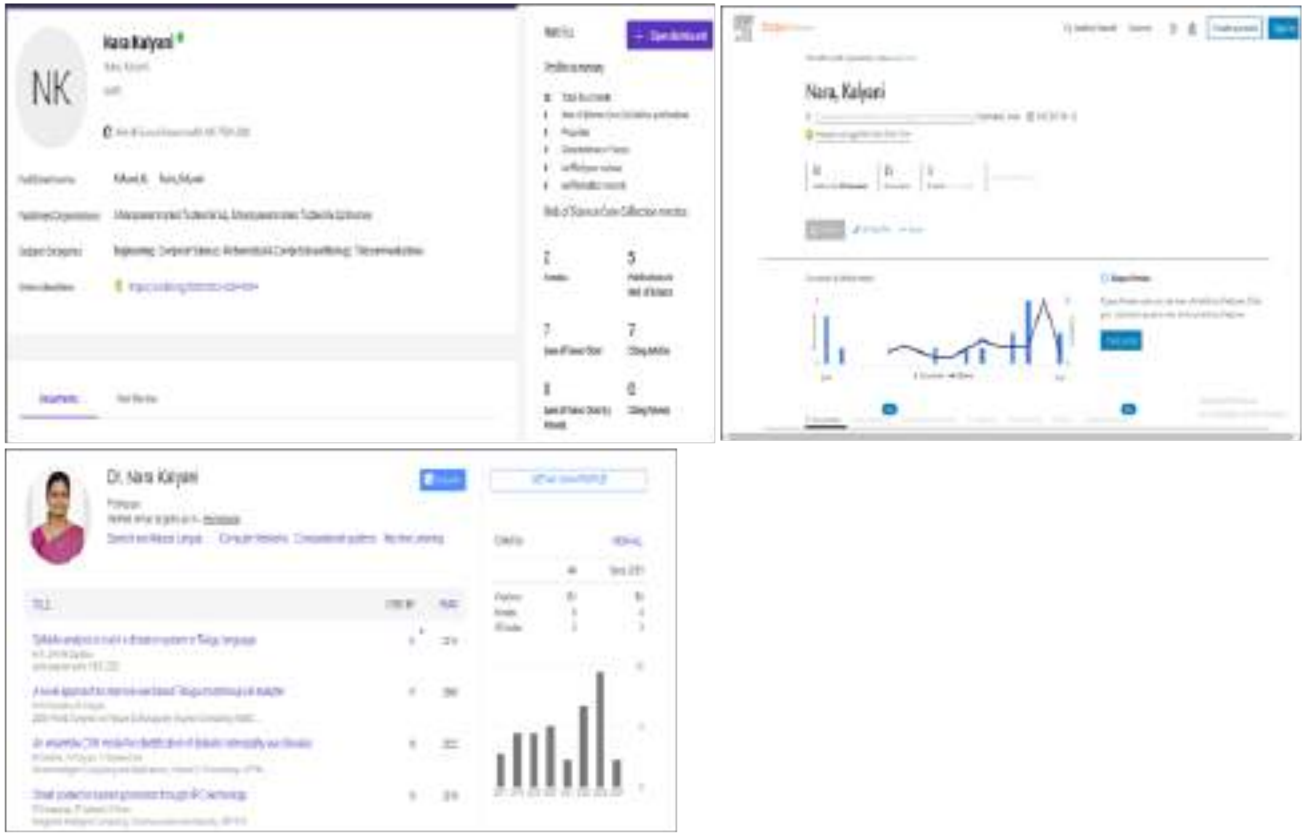
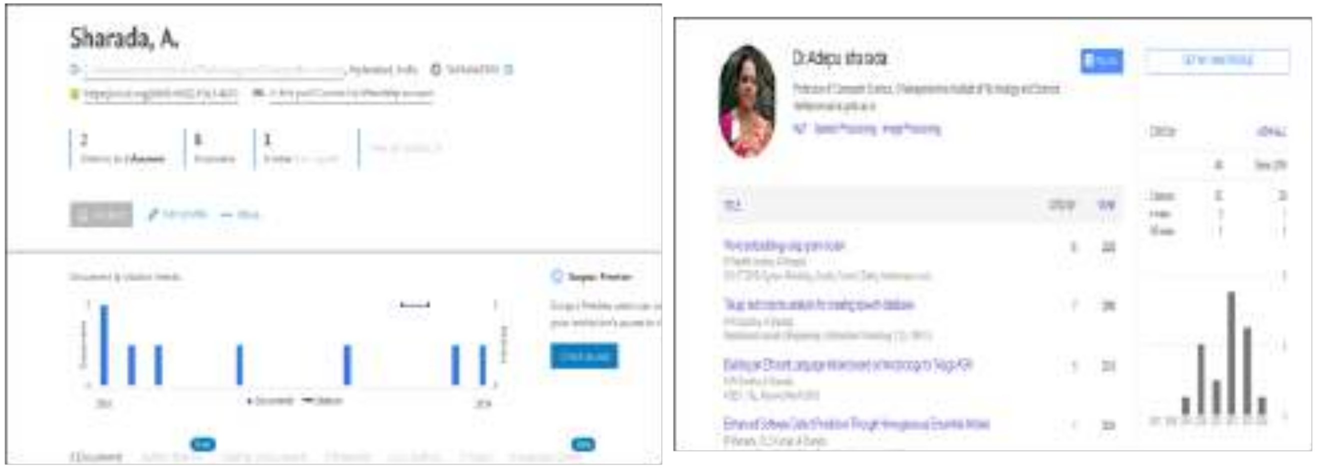

Nara Kalyani
NK
Nara, Kalyani
Dr. Nara Kalyani

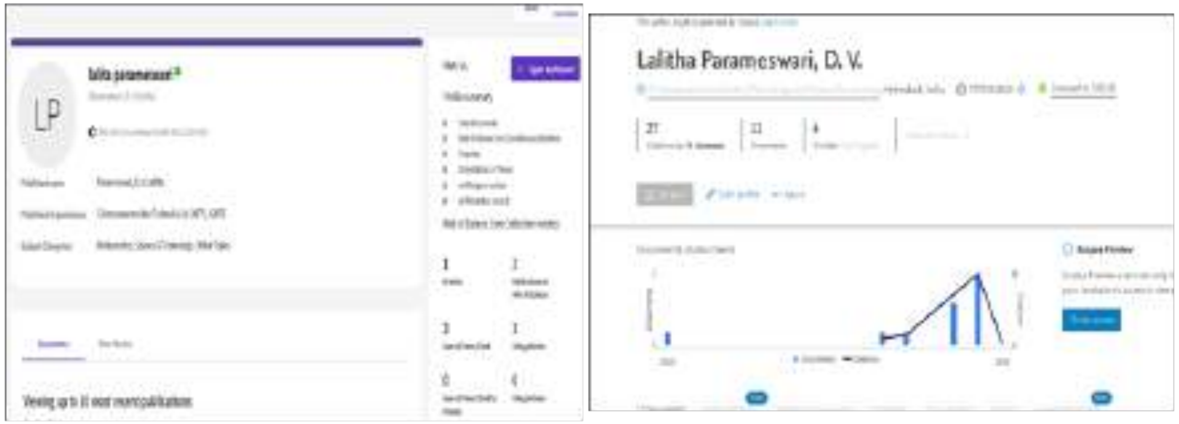
Figure 5.6.16: Web of Science, Scopus and Google Scholar Citation of Dr. N. Kalyani



Sharada, A.

Dr.Adepu sharada

Figure 5.6.17: Scopus and Google Scholar Citation of Dr. A. Sharada



Lalitha Parameswari, D. V.

Figure 5.6.18: Web of Science and Google Scholar Citation of Dr. D. V. Lalitha Parameshwari

5.7 Faculty as participants in Faculty development/training activities/STTPs (15)

Total Marks 15.00

Institute Marks : 15.00

Name of the faculty	Max 5 Per Faculty		
	2022-23(CAYm1)	2021-22(CAYm2)	2020-21(CAYm3)
Mr.Anil Tellur	0.00	5.00	5.00
Mrs.B. Geetha Kumari	0.00	5.00	5.00
Mr.B. Vamshi	0.00	5.00	5.00
Mrs.Bhageshwari Ratkal	5.00	5.00	5.00
Mr.Ch. Sudharshan Reddy	0.00	5.00	0.00
Mrs.Ch. Mandakini	5.00	5.00	5.00
Mrs.Ch. Radhika	3.00	5.00	5.00
Mrs.Ch. Swathi	5.00	5.00	5.00
Mrs.D. Naga Swetha	3.00	5.00	5.00
Dr. A. Sharada	5.00	3.00	0.00
Dr. G. Malini Devi	5.00	5.00	5.00
Dr. N.Anusha	0.00	3.00	0.00
Dr. Raghavender K V	0.00	5.00	5.00
Dr.D.V.Lalitha Parameswari	5.00	5.00	5.00
Mr.G. Nagababu	3.00	5.00	5.00
Mrs.G. Varsha	0.00	5.00	5.00
Mrs.J. Padmavathi	3.00	5.00	5.00
Dr.Jayashree S Patil	3.00	5.00	5.00
Mrs.K. Gnana Prasuna	5.00	5.00	5.00

Mrs.K. Sneha Reddy	3.00	5.00	5.00
Mrs.M. Anusha	5.00	5.00	5.00
Mrs.M. Lalitha	5.00	5.00	5.00
Mr.N. Venkateswarulu	0.00	5.00	5.00
Mrs.Nanda Devi D R	5.00	5.00	5.00
Mrs.P. Keerthi Chandrika	0.00	5.00	5.00
Dr.P. Sunitha Devi	5.00	5.00	5.00
Mrs.R. Mamatha	3.00	5.00	5.00
Mrs.R. Pallavi Reddy	5.00	5.00	5.00
Mrs.S. Sandhya	3.00	5.00	5.00
Mrs.Vasundhara Ramireddy	0.00	5.00	5.00
Mrs.T. Divya Kumari	5.00	5.00	5.00
Mr.T. Rajesh	0.00	5.00	5.00
Mrs.T. Swapna	5.00	5.00	5.00
Mrs.V. Divya Raj	5.00	5.00	5.00
Mrs.Y. Sravani Devi	5.00	5.00	5.00
Dr.D.Manju	0.00	0.00	5.00
Dr.M.Seetha	0.00	3.00	3.00
Mrs.A.Leela Kumari	5.00	3.00	0.00
Dr. N. Kalyani	3.00	0.00	5.00
Dr.K.Venugopala Rao	0.00	0.00	3.00

Mrs.B.Spandana	5.00	0.00	0.00
Mrs.J.Srilatha	5.00	0.00	0.00
Sum	122.00	177.00	176.00
RF = Number of Faculty required to comply with 20:1 Student Faculty Ratioas per 5.1	32.00	32.00	31.00
Assessment [3*(Sum / 0.5RF)]	22.88	33.19	34.06

Average assessment over 3 years: 15.00

5.8 Research and Development (75) Total Marks 75.00

5.8.1 Academic Research (20)

Institute Marks : 20.00

The department of Computer Science & Engineering has 10 Doctorates, 16 faculty members registered and working towards their Ph.D. work in different universities.

The following table provides the number of publications during assessment period and citations of each faculty.

Table 5.8.1.1 Number of quality publications in refereed/Scopus/SCI Journals, Books/Book Chapters

S.No.	Name of Faculty	2022-2023	2021-2022	2020-2021	Total
1	Dr. A. Sharada	9	1	2	12
2	Dr. M. Seetha	55	7	6	68
3	Dr. N. Kalyani	8	4	2	14
4	Dr. Jayashree S Patil	8	4	2	14
5	Dr.D.V. Lalita Parameswari	9	5	3	17
6	Dr. G. Malini Devi	8	0	3	11
7	Dr. Raghavender K.V.	7	3	0	10
8	Dr. P.Sunitha Devi	6	0	1	7
9	Mrs Ch. Mandakini	5	1	1	7
10	Mrs. R. Pallavi Reddy	4	2	3	9
11	Mrs Bhageshwari Ratkal	6	0	1	7
12	Mrs. Ch. Radhika	5	1	1	7
13	Mrs. V. Divya Raj	6	0	0	6
14	Mrs M. Lalitha	4	1	0	5
15	Mr. T. Rajesh	3	0	0	3
16	Mrs J. Padmavathi	1	0	0	1
17	Mr. N. Venkateswarulu	4	0	0	4
18	Mrs S. Sandhya	2	0	2	4
19	Mrs. R. Mamatha	4	1	1	6
20	Dr. G. Narendrababu Reddy	3	1	0	4
21	Mrs. Ch. Swathi	2	0	2	4
22	Mrs.T. Swapna	8	1	0	9
23	Mr.Ch. Sudharshan Reddy	1	0	0	1

24	Mrs.Nanda Devi.D.R	3	1	0	4
25	Mrs.D. Naga Swetha	3	0	1	4
26	Mr.B. Vamshi	1	0	0	1
27	Mrs. T. Divya Kumari	5	2	0	7
28	Mrs. Y. Sravani Devi	9	3	1	13
29	Mr. G. Naga Babu	4	0	1	5
30	Mrs. K.Gnana Prasuna	1	0	0	1
31	Mr. T.Anil	2	0	1	3
32	Ms. K. Sneha Reddy	1	3	0	4
33	Ms. M. Anusha	2	0	0	2
34	Mrs.B.Spandana	1	0	0	1
35	Mrs.J.Srilatha	1	0	0	1
36	Mrs.G.Sandhya	2	0	0	2
37	Mrs. A.Leela Kumari	2	0	0	2
38	Mrs.P. Keerthi Chandrika	0	1	0	1
39	Mrs.B. Geetha Kumari	0	3	0	3
40	Mrs D. Manju	0	3	2	5
41	Dr.Venugopala Rao	0	0	4	4
42	A.Sarath Kumar	0	0	1	1
43	G.Varsha	0	0	1	1
44	R.Vasundhara	0	0	1	1
	Total	**205**	**48**	**43**	**296**

The faculty have created a public profile in Vidwan and the table 5.8.1.2 presents the details of Vidwan Id and their public profile links.

Table 5.8.1.2 Vidwan ID’s of each faculty member along with home page link

S.No	**Name of the Faculty**	**Irins home page link**
1	Dr. A. Sharada	https://gnits.irins.org/profile/398904 (https://gnits.irins.org/profile/398904)

2	Dr. M. Seetha	https://gnits.irins.org/profile/149051 (https://gnits.irins.org/profile/149051)
3	Dr. N. Kalyani	https://gnits.irins.org/profile/148975 (https://gnits.irins.org/profile/148975)
4	Dr. Jayashree S Patil	https://gnits.irins.org/profile/148959 (https://gnits.irins.org/profile/148959)
5	Dr.D.V. Lalita Parameswari	https://gnits.irins.org/profile/394279 (https://gnits.irins.org/profile/394279)
6	Dr. G. Malini Devi	https://gnits.irins.org/profile/394277 (https://gnits.irins.org/profile/394277)
7	Dr. Raghavender K.V.	https://gnits.irins.org/profile/267201 (https://gnits.irins.org/profile/267201)
8	Dr. P.Sunitha Devi	https://gnits.irins.org/profile/466219 (https://gnits.irins.org/profile/466219)
9	Mrs Ch. Mandakini	https://gnits.irins.org/profile/465889 (https://gnits.irins.org/profile/465889)
10	Mrs. R. Pallavi Reddy	https://gnits.irins.org/profile/149035 (https://gnits.irins.org/profile/149035)
11	Mrs Bhageshwari Ratkal	https://gnits.irins.org/profile/148920 (https://gnits.irins.org/profile/148920)
12	Mrs. Ch. Radhika	https://gnits.irins.org/profile/466358 (https://gnits.irins.org/profile/466358)
13	Mrs. V. Divya Raj	https://gnits.irins.org/profile/394299 (https://gnits.irins.org/profile/394299)
14	Mrs M. Lalitha	https://gnits.irins.org/profile/148985 (https://gnits.irins.org/profile/148985)
15	Mr. T. Rajesh	https://gnits.irins.org/profile/149059 (https://gnits.irins.org/profile/149059)
16	Mrs J. Padmavathi	https://gnits.irins.org/profile/148958 (https://gnits.irins.org/profile/148958)
17	Mr. N. Venkateswarulu	https://gnits.irins.org/profile/149006 (https://gnits.irins.org/profile/149006)
18	Mrs S. Sandhya	https://gnits.irins.org/profile/149040 (https://gnits.irins.org/profile/149040)
19	Mrs. R. Mamatha	https://gnits.irins.org/profile/149032 (https://gnits.irins.org/profile/149032)

20	Mr. G. Narendrababu Reddy	https://gnits.irins.org/profile/148953 (https://gnits.irins.org/profile/148953)
21	Mrs. Ch. Swathi	https://gnits.irins.org/profile/148927 (https://gnits.irins.org/profile/148927)
22	Mrs.T. Swapna	https://gnits.irins.org/profile/394248 (https://gnits.irins.org/profile/394248)
23	Mr.Ch. Sudharshan Reddy	https://gnits.irins.org/profile/472291 (https://gnits.irins.org/profile/472291)
24	Mrs.Nanda Devi.D.R	https://gnits.irins.org/profile/148937 (https://gnits.irins.org/profile/148937)
25	Mrs.D. Naga Swetha	https://gnits.irins.org/profile/148936 (https://gnits.irins.org/profile/148936)
26	Mr.B. Vamshi	https://gnits.irins.org/profile/148909 (https://gnits.irins.org/profile/148909)
27	Mrs. T. Divya Kumari	https://gnits.irins.org/profile/465877 (https://gnits.irins.org/profile/465877)
28	Mrs. Y. Sravani Devi	https://gnits.irins.org/profile/397724 (https://gnits.irins.org/profile/397724)
29	Mr. G. Naga Babu	https://gnits.irins.org/profile/148955 (https://gnits.irins.org/profile/148955)
30	Mrs. K.Gnana Prasuna	https://gnits.irins.org/profile/394333 (https://gnits.irins.org/profile/394333)
31	Ms. K. Sneha Reddy	https://gnits.irins.org/profile/148970 (https://gnits.irins.org/profile/148970)
32	Ms. M. Anusha	https://gnits.irins.org/profile/467483 (https://gnits.irins.org/profile/467483)
33	Mrs.B.Spandana	https://gnits.irins.org/profile/467659 (https://gnits.irins.org/profile/467659)
34	Mrs.J.Srilatha	https://gnits.irins.org/profile/ 467732 (https://gnits.irins.org/profile/%20467732)
35	Mrs.G.Sandhya	https://gnits.irins.org/profile/398440 (https://gnits.irins.org/profile/398440)
36	Mrs. A.Leela Kumari	https://vidwan.inflibnet.ac.in/profile/394365 (https://gnits.irins.org/profile/394365)
37	Mrs.K.Sindhura	https://gnits.irins.org/profile/467406 (https://gnits.irins.org/profile/467406)

38	Mrs.P.Kranthi Kiran	https://vidwan.inflibnet.ac.in/profile/466353 (https://vidwan.inflibnet.ac.in/profile/466353)

The faculty members are encouraged to publish in peer reviewed journals with high impact factor. Most of the proceedings of conference publications published by the faculty are indexed in Scopus, Web of Science and published by Springer, IEEE & ACM. With these initiations, the average citations of the faculty members are increasing considerably over a period of time.Tables 5.8.1.3, 5.8.1.4 provides details of indexing of research articles in SCI / SCIE / CSCI Journal, Web of Science Core Collections and Scopus and the details of books and Conference papers published by reputed publisher.

5.8.1.3 Indexing of Research Publications in SCI / WoS / SCOPUS – Academic Year Wise

Academic Year	Scopus Journals	SCI/ Web of Science	Referred / Other Indexed Journal	Total Journal Publications
2022-2023	10	2	41	**53**
2021-2022	11	4	17	**32**
2020-2021	13	2	7	**22**
Total	**34**	**8**	**65**	**107**

5.8.1.4 Details of Book/Book Chapters/Conference Proceedings – Academic Year Wise

Academic Year	Books/ Book Chapter	Conference Proceedings			Total
		Scopus	SCI/Web of Science	other	
2022-2023	79	12	14	47	**152**
2021-2022	2	12	2	--	**16**
2020-2021	1	10	1	9	**21**
Total	**82**	**34**	**17**	**56**	**189**

The detailed list of publications for the assessment period 2020-2023 are shown in the tables from 5.8.1.5 to 5.8.1.12

Academic Year 2022-2023(205)

Table 5.8.1.5 List of Journal Publications 2022-2023: (53)

S.No.	Name of the faculty	Title of Paper	Title of the Journal	Volume No. / Issue No./ Page No./Month and Year of publication, ISSN No.	Index

1	Dr.Raghavender K V	Expert system for Smart Farming for diagnosis of sugarcane diseases using Machine Learning	Computers & Electrical Engineering	Vol.109,Part A, August 2023, 2722-2578	SCI
2	Dr. M. Seetha	Deep Learning Techniques for Retinal Image Enhancement	International Research Journal of Modernization in Eng.Technology and Science	Vol.05, Issue 7, pp: 752-760, July 2023, 2582-5208	Google Scholar
3	Mrs. V Divya Raj	Deep Learning Techniques for Retinal Image Enhancement	International Research Journal of Modernization in Engineering Technology and Science	Vol.05, Issue 7, pp: 752-760, July 2023, 2582-5208	Google Scholar
4	Dr. A. Sharada	Simulation of human robot interaction through Avatar	International Research Journal of Modernization in Engineering Technology and Science	Vol.05, Issue 7, pp: 977-982, July 2023, 2582-5208	Google Scholar
5	Mrs. Bhageshwari Ratkal	Simulation of human robot interaction through Avatar	International Research Journal of Modernization in Engineering Technology and Science	Vol.05, Issue 7, pp: 977-982, July 2023, 2582-5208	Google Scholar
6	Mrs.Ch. Radhika	Multiscale object detection in remote sensing images using deep learning	International Journal for Research in Applied Science and Engineering Technology	Volume 11, Issue 07, pp: 708-712, July 2023,2321-9653	UGC
7	Mrs.Ch. Radhika	Prediction of mental health instability using machine learning and deep learning algorithms	International Journal for Research in Applied Science and Engineering Technology	Volume 11, Issue 07, pp: 721-727, July 2023,2321-9653	UGC
8	Mrs.Ch. Mandakini	Prediction of personality traits and suitable job through an intelligent interview agent using machine learning	International Journal for Research in Applied Science and Engineering Technology	Volume 11, Issue 07, pp: 728-733, July 2023,2321-9653	UGC
9	Mrs.Ch. Sudarshan Reddy	Soil Fertility Analysis Using IoT	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06, pp: 3738-3743,June 2023, 2321-9653	UGC
10	Mr.T. Rajesh	Malware Detection and Prediction System Using Advanced Machine Learning Algorithms	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3718-3729,June 2023, 2321-9653	UGC
11	Mr.B. Vamshi	Detection of Distracted Driver Using Convolutional Neural Network	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3642-3651, June 2023, 2321-9653	UGC
12	Mr.G.NagaBabu	Easy Bus (Virtual Bus Pass and Bus Tracking System): Design and Implementation Using Machine Learning Algorithms	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3652-3661, June 2023, 2321-9653	UGC

13	Mr.G. Narendrababu Reddy	Generative Data Augmentation and ARMD Classification	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3662-3667, June 2023, 2321-9653	UGC
14	Mrs.Y Sravani Devi	Generative Data Augmentation and ARMD Classification	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3662-3667, June 2023, 2321-9653	UGC
15	Mrs.Ch. Swathi	Glucose Monitoring using Deep Learning	International Journal for Research in Applied Science and Engineering Technology	Volume 12, Issue 06 pp: 3668-3672,June 2023, 2321-9653	UGC
16	Mrs.Ch.Mandakini	Automatic Irrigation and Crop Monitoring System Using IoT and Deep Learning	Advances in Computational Sciences and Technology	Volume 16 , Issue 1. pp: 1-11,June 2023, 0973-6107	Google Scholar.
17	Dr.A.Sharada	Datasets Creation for Depression Risk Prediction in Educational Environment during Pandemic	Advances in Computational Sciences and Technology	Volume 16 , Issue 1.pp: 13-26,June 2023, 0973-6107	Google Scholar.
18	Mrs.K. Sneha Reddy	Diet Recommendation System Based On Vitamin Intake	Advances in Computational Sciences and Technology	Volume 16 , Issue 1. pp: 35-43,June 2023, 0973-6107	Google Scholar.
19	Dr.P.Sunitha Devi	Comparison of Machine Learning Algorithms for Detection of Stuttering in Speech	Advances in Computational Sciences and Technology	Volume 16 , Issue 1. pp: 45-53,June 2023, 0973-6107	Google Scholar.
20	Mr.T.Anil	Evaluation of Deep Learning Models for Fake News Detection	International Journal of Computational Intelligence Research	Volume 19 , Issue 1. pp: 1-11,June 2023, 0973-1873	Google Scholar.
21	Mrs.R. Mamatha	Future of Project Management with Machine Learning	International Journal of Computational Intelligence Research	Volume 19 , Issue 1. pp: 13-23,June 2023, 0973-1873	Google Scholar.
22	Dr.M. Seetha	Intelligent Deep Learning Based Pothole Detection and Alerting System	International Journal of Computational Intelligence Research	Volume 19 , Issue 1. pp: 25-35,June 2023, 0973-1873	Google Scholar.
23	Dr.P.Sunitha Devi	Language Interpretation Using Machine Learning	International Journal of Computational Intelligence Research	Volume 19 , Issue 1. pp: 37-50,June 2023, 0973-1873	Google Scholar.
24	Mrs.T. DivyaKumari	Learning based Software Defect Prediction	International Journal of Computational Intelligence Research	Volume 19 , Issue 1. pp: 51-62,June 2023, 0973-1873	Google Scholar.
25	Mrs.D R Nanda Devi	Question Generation System Using NLP	International Journal of Computational Science and Engineering.	Volume 13 , Issue 1. pp: 1-9,June 2023, 2249-4251	Google Scholar.
26	Dr. N. Kalyani	Smart Fit On Using Machine Learning and Deep Learning Techniques	International Journal of Computational Science and Engineering.	Volume 13 , Issue 1. pp: 11-34,June 2023, 2249-4251	Google Scholar.
27	Dr.Jayashree S Patil	Water Quality Prediction using Image Processing and Machine Learning Models	International Journal of Computational Science and Engineering.	Volume 13 , Issue 1. pp: 45-55,June 2023, 2249-4251	Google Scholar.

28	Mrs.T.Swapna	Diabetic Retinopathy Classification using Transfer learning	International Journal of Advanced Trends in Computer Science and Engineering	Volume 12, No.3, pp: 110-116,May - June 2023, 2278-3091	Google Scholar
29	Mrs.V.Divya Raj	Prediction of BMI from Facial Image using Deep Learning	International Research Journal of Engineering and Technology (IRJET).	Volume 10,Issue 06,Page no 671, June 2023. 2395-0056	Google Scholar
30	Dr.D.V.Lalitha Parameswari	Security and Privacy in Smart Farming: Challenges and Opportunities	International Journal on Recent and Innovation Trends in Computing and Communication,	Vol.11, Issue 7, pp:324–328, 2321-8169	Scopus
31	Dr.D.V.Lalitha Parameswari	Detection of stages in Diabetic Retinopathy using CNN	The International journal of analytical and experimental modal analysis	Vol. XV,Issue V, pp : 612 – 621,May 2023, 0886-9367	UGC
32	Mr.N. Venkateswarulu	Exploration of issues, challenges and latest developments in autonomous cars	Journal of Big Data	10, 61 (May 2023),https://doi.org/10.1186/s40537-023-00701-y, 2196-1115	WoS/Scopus
33	Mrs.D.NagaSwetha	Semantic and Syntactic Errors Detection using NLP	The International journal of analytical and experimental modal analysis	Vol. XV,Issue V, pp : 612 – 621,May 2023, 0886-9367	UGC
34	Mrs.M.Lalitha	(College Online Exchange) - Mobile Application using Flutter	International Journal of Engineering Research & Technology	Vol. 12 Issue 7, pp: 417-421,Apr 2023, 2278-0181	Google Scholar.
35	Dr.D. V. LalithaParameswari	Technology for KisanSamanvayam: Nutrition Intelligibility of Groundnut Plant using IoT-ML Framework	International Journal on Recent and Innovation Trends in Computing and Communication	Vol.11 Issue: 3, Mar 2023, ISSN: 2321-8169	Scopus
36	Dr.G.Malini Devi	A Pragmatic approach for hate speech detection through apply Machine Learning	AIP Conference Proceedings	Vol.2724, Apr 2023 https://doi.org/10.1063/5.0130174, Scopus	Scopus
37	Mrs.Y. Sravani Devi	Diabetic Retinopathy (DR) Image Synthesis Using DCGAN and Classification of DR Using Transfer Learning Approaches	International Journal of Image and Graphics	DOI: 10.1142/S0219467823400090, Apr 2023	WoS/Scopus
38	Mrs.Bhageshwari Ratkal	Marker Based Augmented Reality using Vuforia and Unity 1	Journal of Emerging Technologies and Innovative Research	Vol. 2,Issue 4,Apr 2023,pp: 298-303, 2349-5162	UGC
39	Dr.D.V.Lalitha Parameswari	Spa Data Analysis for Discovery of Spatial Correlations	International Journal of Intelligent systems and applications in Engineering	Vol. 12 No. 15s, 2147-6799	Scopus

40	Mr.N.Venkateswarulu	An Industry Framework for Remote Health Monitoring using Machine Learning Models to Predict a Disease	Journal of Scientific & Industrial Research	Vol. 82, Issue 2, Page No's: 232-240, Feb 2023, ISSN: 0975-1084, SCIE & Scopus Indexed, IF: 0.55, 0975-1084	SCIE & Scopus Indexed
41	Dr.D.V.Lalitha Parameswari	SPE: Ensemble Hybrid Machine Learning Model for Efficient Diagnosis of Brain Stroke towards Clinical Decision Support System (CDSS)	International Journal of Intelligent Systems and Applications in Engineering	Vol. 11 No. 1,339–347,January 2023, 2147-6799	Scopus
42	Mrs.Y. Sravani Devi	A Deep transfer learning approach for identification of diabetic retinopathy using data augmentation	International Journal of Artificial Intelligence	Vol. 11,No. 4, pp. 1287-1296, December 2022, 2252-8938	Scopus
43	Mrs.T. Swapna	Feature extraction to detect and classify diabetic retinopathy using fundal images	International Research Journal of Engineering and Technology	Vol. 9,Issue 11, pp:599-610, November 2022, 2395-0072	Google Scholar
44	Mrs.T. DivyaKumari	Java Source Code Similarity Using Siamese Neural Networks	Journal of Theoretical and Applied Information Technology	Vol.100. No 17, pp. 5507-5514, September 2022, 1992-8645	Scopus
45	Mrs.Ch.Radhika	Plant Leaf Disease Detection and classification Using Deep Learning	The International journal of Analytical and Experimental Modal Analysis	Volume XIV, Issue VIII, pp: 268-275, August 2022, 0886-9367	UGC Care
46	Dr.Jayashree S Patil	Reliability Enhancement and Optimal Path Selection in MANET Communication	Computer Integrated Manufacturing Systems	Vol. 12-Issue-6, pp:1136-1148, June-2020, 1506–1526	UGC Care
47	Dr.M.Seetha	Smart Wheelchair Cum Bed Based on Voice Recognition for Disabled Person	International Journal of Engineering and Technology	Vol. 9,Issue 9, pp:358-365, September 2022, 2227-524x	Google Scholar
48	Dr.N.Kalyani	A Review on the Determinants of Suitable Chatbot Framework-Empirical Evidence from Implementation of RASA and IBM Waston Assistant frameworks	International Journal of Engineering and Technology	Vol. 9,Issue 9, pp:358-365, September 2022, 2227-524x	Google Scholar
49	Dr.Jayashree S Patil	Monitoring system for the baby using wireless sensors and camera	International Journal of Advanced Research in Science Engineering and technology	Vol. 9, Issue 9,pp: 19740-19747, September 2022, 2350-0328	Google Scholar
50	Mrs.Ch.Mandakini	Detection and Localization of Image Splicing Forgery using Deep Learning	The International journal of Analytical and Experimental Modal Analysis	Vol. XIV, Issue VIII, , pp: 261-267,August 2022, 0886-9367	UGC

51	Mrs.J.Padmavathi	Perinatal Mental Health Care System using Machine Learning Techniques	The International journal of Analytical and Experimental Modal Analysis	Vol. XIV, Issue VII, August 2022, 0886-9367	UGC
52	Dr.D.V.Lalita Parameswari	Block chain in healthcare: Moving towards a methodological framework for Protecting Biomedical databases	Journal of Discrete Mathematical Sciences and Cryptography	Vol. 25, Issue 4, pp:891-901, July 2022,0972-0529	Scopus
53	Mrs.S. Sandhya	Perinatal Mental Health Care System using Machine Learning Techniques	The International journal of Analytical and Experimental Modal Analysis	Vol. XIV, Issue VII, August 2022, 0886-9367	UGC

Table 5.8.1.6 List of Conference Publications for the A.Y 2022-2023 : (73)

S.No.	Faculty Name	Title of the paper	Title of the Conference	ISBN/Venue	Mon & Year	Index
1	Dr.K. V. Raghavender	Deep neural networks for applying machine learning models in wireless networks	AIP Conference Proceedings, Volume 2523, Issue 1	https://doi.org/ 10.1063/5.0110234	January 2023	Scopus
2	Dr.A.Sharada	Stress Detection based on Multimodal Data in a classroom environment	2nd International Conference on. Cybersecurity and Evolutionary Data Engineering	978-981-99-5080-5, GL Bajaj Institute of echnology and Management, Greater Noida	Sep 2023	Scopus
3	Mrs T.Swapna	Stress Detection based on Multimodal Data in a classroom environment	2nd International Conference on. Cybersecurity and Evolutionary Data Engineering	978-981-99-5080-5, GL Bajaj Institute of Technology and Management, Greater Noida	Sep 2023	Scopus
4	Mrs.R.Pallavi Reddy	A Deep Learning technique to Recommend Music based on Facial and Speech Emotion	7th International Conference on Information and Communication Technology for Intelligent Systems	978-981-99-3982-4_3, Global Knowledge Research Foundation & G R Scholastic LLP	Sep 2023	Scopus
5	Dr.A. Sharada	Stress Detection in Classroom Environment Using Physiological Data	International Conference on Intelligent Computing and Communication	Page No-161-170,Sep 2023	https://doi.org/ 10.1007/978-981-99-1588-0_15	WoS
6	Mrs.Bhageshwari Ratkal	Stress Detection in Classroom Environment Using Physiological Data	International Conference on Intelligent Computing and Communication	Page No-161-170,Sep 2023	https://doi.org/ 10.1007/978-981-99-1588-0_15	WoS

7	Mrs.M. Lalitha	Stress Detection in Classroom Environment Using Physiological Data	Proceedings of the International Conference on Intelligent Computing and Communication	Page No-161-170,Sep 2023	https://doi.org/ 10.1007/978-981-99-1588-0_15	WoS
8	Dr.P. Sunitha Devi	Prediction of Next Words Using Sequence Generators and Deep Learning Techniques	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_16, GNarayanamma Institute of Technology and Science	Sep 2023	DBLP
9	Dr.K. V. Raghavender	A Deep Learning Paradigm for Classifying Personality	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_23, GNarayanamma Institute of Technology and Science	Sep 2023	DBLP
10	Dr.N.Kalyani	G-EYE: Smartphone Compatible Portable Indirect Ophthalmoscope for Generating Quality Fundus Images	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_31, GNarayanamma Institute of Technology and Science	Sep 2023	WoS
11	Dr.M.Seetha	G-EYE: Smartphone Compatible Portable Indirect Ophthalmoscope for Generating Quality Fundus Images	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_31, G Narayanamma Institute of Technology and Science	Sep 2023	WoS
12	Mrs.Y. Sravani Devi	G-EYE: Smartphone Compatible Portable Indirect Ophthalmoscope for Generating Quality Fundus Images	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_31, GNarayanamma Institute of Technology and Science	Sep 2023	WoS
13	Dr.M.Seetha	River Network Identification from Satellite Imagery Using Machine Learning Algorithms	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_32, GNarayanamma Institute of Technology and Science	Sep 2023	WoS
14	Dr.G.Malini	River Network Identification from Satellite Imagery Using Machine Learning Algorithms	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_32, G Narayanamma Institute of Technology and Science	Sep 2023	WoS
15	Dr.D. V. Lalitha Parameswari	River Network Identification from Satellite Imagery Using Machine Learning Algorithms	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_32, G Narayanamma Institute of Technology and Science	Sep 2023	WoS

16	Dr. M. Seetha	Attention-Based Approach for English to Hindi Translation	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_36, G Narayanamma Institute of Technology and Science	Sep 2023	DBLP
17	Dr. A.Sharada	Interview Supporting System Using Facial Features	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_40, GNarayanamma Institute of Technology and Science	Sep 2023	DBLP
18	Dr.P. Sunitha Devi	Robotic ARM for Effective Environmental Cleaning	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_48, G Narayanamma Institute of Technology and Science	Sep 2023	DBLP
19	Dr. M.Seetha	Deep Learning Model with Progressive GAN for Diabetic Retinopathy	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_53, GNarayanamma Institute of Technology and Science	Sep 2023	WoS
20	Dr. M.Seetha	Natural Scene Text Detection in Video with Hybrid Text Augmentation and Fusion-Transferred Learning	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_17	September 2023	WoS
21	Dr. N. Kalyani	Deep Learning Model with Progressive GAN for Diabetic Retinopathy	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1588-0_53, GNarayanamma Institute of Technology and Science	Sep 2023	WoS
22	Mrs.V. Divya Raj	Synthesizing Realistic ARMD Fundus Images using Generative Adversarial networks (GANs)	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3 Page no 587 G Narayanamma Institute of Technology and Science	Sep 2023	DBLP
23	Dr. A. Sharada	Smart Technology for Real-Time Evaluation of Stress Levels	3rd International Conference on Recent Trends in Engineering Technology and Management	Christ the King Engineering College (CKEC), Coimbatore, India	July 2023	Scopus

24	Mrs.G. Sandhya	Integrating Technology for Sustainable Agriculture: Enhancing Crop Productivity while Minimizing Pesticide Usage using Image Processing &IoT	4th International Conference on Electronics and Sustainable Communication Systems (ICESC)-2023	979-8-3503-0009-3, Hindustan Institute of Technology Madras (Coimbatore) Section - ED Chapter Madras Section	2023	Scopus
25	Dr.M.Seetha	Classification of Fundus Images Captured using D-Eye Smartphone Retinal Imaging System	International Conference on Emerging Trends in Computing and Engineering Application	978-1-6654-7709-3	2023	Scopus
26	Dr.N.Kalyani	Classification of Fundus Images Captured using D-Eye Smartphone Retinal Imaging System	International Conference on Emerging Trends in Computing and Engineering Application	978-1-6654-7709-3	2023	Scopus
27	Mrs.Y.Sravani Devi	Classification of Fundus Images Captured using D-Eye Smartphone Retinal Imaging System	International Conference on Emerging Trends in Computing and Engineering Application	978-1-6654-7709-3	2023	Scopus
28	Dr.N Venkateswarulu	Early Prediction of Healthcare Diseases Using Machine Learning and Deep Learning Techniques	6th International Conference on Intelligent Computing and Communication	978-981-99-1588-0 Venue: GNITS, Hyderabad Publisher: Springer,	Sept 2023	DBLP
29	Mrs.Y.Sravani Devi	Glaucoma Retinal Image Synthesis Using the GAN	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	978-981-99-1588-0_46, Venue: GNITS, Hyderabad Publisher: Springer,	Sept 2023	Web of Science
30	Mr.N. Venkateswarulu	The Adaptive Strategies Improving Digital Twin Using IoT	Smart Innovation, Systems and Technologies (SIST)	November 2022	978-981-19-4162-7, Springer	SCI
31	Dr.P. Sunitha Devi	OMSST Approach for Unit Selection from Speech Corpus for Telugu TTS	7th International Conference On Information system design and intelligent applications INDIA-2022	October 2022	978-981-19-4990-6, Springer	Scopus

32	Dr.D.V.Lalita Parameswari	A Hybrid Feature Selection for Improving Prediction Performance with a Brain Stroke Case Study	International Conference on Data Science, Computation and Security (IDSCS 2022)	July 2022	978-981-19-2211-4, Springer	Scopus
33	Dr.G.Malini Devi	A pragmatic approach for hate speech detection through applying machine learning	AIP Conference Proceedings	Vol. 2724, Issue 1, April 2023	https://doi.org/10.1063/5.0130174	Scopus
34	Dr. M. Seetha	Cross-Site Scripting Recognition Using LSTM Mode	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
35	Dr. M. Seetha	Development and Implementation of Efficient Recruitment Portal Using Blockchain	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
36	Dr. M. Seetha	Machine Learning Classifiers Performance Comparison for Breast Cancer Detection	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
37	Dr. M. Seetha	Comparison of Pollard's rho Algorithm Based on Cycle Finding Methods	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
38	Dr. M. Seetha	Smart Street Parking System for Smart Cities Based on the IoT Prototype	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
39	Dr. M. Seetha	A Hybrid PSO-Fuzzy Trust Energy Aware DRP in Wireless Sensor Network	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
40	Dr. M. Seetha	Online Advertising Dataset Using ANN (Artificial Neural Networks) and LR (Linear Regression Techniques)	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP

41	Dr. M. Seetha	Artificial Intelligence and Deep Learning-Based Agri and Food Quality and Safety Detection System	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
42	Dr. M. Seetha	Nucleus Segmentation Using K-Means Clustering for Analysis of Microscopy Images	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
43	Dr. M. Seetha	A Novel Dynamic Latch Comparator Design and Analysis for ADCs	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
44	Dr. M. Seetha	A Dual Stopband Frequency Selective Surface at 2.57 and 5.40 GHz	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
45	Dr. M. Seetha	Post-COVID-Efficient and Reliable Cardiovascular Disease Prediction Using Random Forest and GA with KNN	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
46	Dr. M. Seetha	Natural Scene Text Detection in Video with Hybrid Text Augmentation and Fusion-Transferred Learning	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
47	Dr. M. Seetha	Quality-Produced Agricultural Crop Price Prediction Using Machine Learning	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
48	Dr. M. Seetha	An Optimized Control on Delay and Transmission Rate Over Wireless Video Streaming Channels	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
49	Dr. M. Seetha	Classifier-Free Guidance for Generative Adversarial Networks (GANs)	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP

50	Dr. M. Seetha	Art Generation Using Speech Emotions	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
51	Dr. M. Seetha	Image Forgery Detection System Using Convolution Neural Networks	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
52	Dr. M. Seetha	Comparative Analysis of ML Algorithms’ Application in SAPV Generation Systems	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
53	Dr. M. Seetha	Implementing Digitalization in Square Blockchain Technology Using HDS Methodologies	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
54	Dr. M. Seetha	Comic Character Recognition (CCR): Extraction of Speech Balloon Context and Character of Interest in Comics	Proceedings of the International Conference on Intelligent Computing and Communication		September 2023	DBLP
55	Dr. M. Seetha	COVID-19, Normal, and Pneumonia Classification Based on Deep Features Using Transfer Learning	Proceedings of the International Conference on Intelligent Computing and Communication		September 2023	DBLP
56	Dr. M. Seetha	Image Captioning for Assisting the Visually Impaired	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
57	Dr. M. Seetha	IoMT Assisted Monitoring and Voice-Based Food Recommendation System Using Deep Learning Model	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
58	Dr. M. Seetha	Framing of Quality Questions for Quality Code Snippets	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP

59	Dr. M. Seetha	Domestic IoT Smart Home Its Future Roles and Human Behavior Through Interaction	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
60	Dr. M. Seetha	Comparative Analysis of Crude Oil Price Prediction Using Various Machine Learning Models	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
61	Dr. M. Seetha	Glaucoma Retinal Image Synthesis Using the GAN	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
62	Dr. M. Seetha	Electronic Supply Chain: A Bibliographic and Descriptive Literature Review	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
63	Dr. M. Seetha	Interpretation and Assessment of Improved Deep Networks for the Classification of Glaucoma Using Explainable Grad-CAM Approach	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
64	Dr. M. Seetha	Improvement of Modified Social Group Optimization (MSGO) Algorithm for Solving Optimization Problems	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
65	Dr. M. Seetha	Facial Recognition System with Secured Dynamic Implementation and Time Restriction	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
66	Dr. M. Seetha	A Simple Policy Update Method for the Sharing of Privatized Personal Health Information	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
67	Dr. M. Seetha	Performance Evaluation of ML-Based AWS Security Evaluation Model for Cloud Computing	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP

68	Dr. M. Seetha	Analysis of Radiation Induced in Multiphase Flow of a Viscous Conducting Heat and Mass Transfer Fluid in a Vertical Porous Medium	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
69	Dr. M. Seetha	Otsu-Based Differential Evolution Method for Image Segmentation	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
70	Dr. M. Seetha	Emotion Detection Using Machine Learning and Deep Learning	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
71	Dr. M. Seetha	Object Detection Using Deep Learning Approaches	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
72	Dr. M. Seetha	Telugu Tweets Sentiment Analysis Based on Ordinal Regression	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP
73	Dr. M. Seetha	Image Style Transferred to Graphical User Interfaces	Proceedings of the International Conference on Intelligent Computing and Communication	978-981-99-1587-3	September 2023	DBLP

Table 5.8.1.7 List of Books/Book Chapters for the A.Y 2022-2023 :(79)

S.No.	Faculty Name	Title of the Book/Book Chapter	Month & Year	ISBN	Publisher
1	Mrs. Bhageshwari Ratkal	Maldeep: Detection of Malicious Code Variants	July 2023	978-93-91462-62-8	VSRD Academic Publishing
2	Mrs.V.Divya Raj	Deep learning techniques for disease detection	July 2023	978-93-91462-61-1	
3	Mrs.J.Padmavathi	Prediction of diseases in healthcare using machine learning techniques	July 2023	978-93-91462-95-6	
4	Mrs.R.Mamatha	Machine learning based career guide for job seekers	July 2023	978-93-91462-94-9	
5	Mrs.T.Swapna	Deep learning for real time applications	July 2023	978-93-91462-93-2	

6		Dr.K.V. Raghavender	Plant Disease Detection using Deep learning Concepts	July 2023	978-93-87610-82-8	
7		Mr.G.Nagababu	Computer Organization and Architecture	July 2023	978-93-91462-63-5	
8		Mrs.M.Anusha	Human Disease Prediction using Artificial Intelligence	July 2023	978-93-91462-64-2	
9		Dr.G.Malini Devi	Comparison of Hybrid Approaches To Evolutionary Algorithms Using Data Clustering	July 2023	978-93-91462-65-9	
10		Dr.A.Sharada	SADAN – Smart Application for Dyslexia Analysis in Native Language	July 2023	978-93-91462-66-6	
11		Mrs.M.Lalitha	Iot Based Real Time Smart Agricultural Irrigation System Using Ml Techniques &Ibm Watson	July 2023	978-93-91462-67-3	
12		Mrs.Y.Sravani Devi	Diabetic Retinopathy in Fundus images-An Ensemble Approach	July 2023	978-93-87610-97-2	
13		Dr.K.V. Raghavender	A Novel Technique for Effective Image Gallery Search Using Content Based Image Retrieval System	July 2023	978-81-19385-30-0	Archers & elevators publishing house
14		Dr.K.V. Raghavender	Mobile Based Agri Shop for Farmers	July 2023	978-81-19385-43-0	
15		Mrs.Ch.Radhika	Realtime Applications of Deep Learning	July 2023	978-81-19385-31-7	
16		Dr.N.Kalyani	ASD : Screening And Supporting Tools	July 2023	978-81-19385-33-1	
17		Mrs.T.Rajesh	Big Data Analytics and Applications	July 2023	978-81-19385-34-8	
18		Dr.Jayashree S Patil	Computer Network Trooper	July 2023	978-81-19385-36-2	
19		Mrs.T.Divya Kumari	Code Clone Detection	July 2023	978-81-19385-37-9	
20		Mrs. T.Divya Kumari	Smart Vehicle Identification System	July 2023	978-81-19385-45-4	
21		Dr.M.Seetha	Particle Swarm Optimization based Image Retrieval using Relevance Feedback	July 2023	978-81-19385-38-6	
22		Dr.M.Seetha	Social Re-Ranking On Tag Based Image Retrieval	July 2023	978-81-19385-46-1	
23		Mrs.D.NagaSwetha	Essentials of Database Management Systems A Beginner’s Methodology	July 2023	978-81-19385-39-3	
25		Mrs.Ch.Mandakini	Deep Learning and Natural Language Processing Based Real-Time Applications	July 2023	978-81-19385-40-9	

26	Mrs.R.Pallavi Reddy	Enhancing Short Text Conversations and Tackling SMS Spam with DL and ML Techniques	July 2023	978-81-19385-41-6	
27	Mrs.D.R.Nanda Devi	Personalized Pathways: Job and Movie Recommendation Systems Unveiled	July 2023	978-81-19385-42-3	
28	Mrs.A.LeelaKumari	Smart Baby: Real- time Monitor System for Babies utilizing Sensors and Cameras	July 2023	978-81-19385-44-7	
29	Mrs.R.Mamatha	Software Project Management for Beginners	July 2023	978-81-19385-47-8	
30	Dr.A.Sharada	Stress Detection Based On Multi Modal Data	July 2023	978-81-19385-48-5	
31	Mrs.S.Sandhya	A Study on Similarity Join in Heterogeneous Information Network Using Path Based Algorithm	July 2023	978-81-19385-00-3	
32	Dr.N.Kalyani	Unveiling the AI Mind: Exploring Chatbot and Surveillance System	July 2023	978-81-19385-05-8	
33	Dr.Jayashree S Patil	Securing Communication Paths in Mobile Ad Hoc Networks: Monitoring and Surveillance of Routing Algorithms	July 2023	978-81-19385-04-1	
34	Dr.Jayashree S Patil	Smart Energy Revolution: Transforming Agriculture with Innovative Solutions	July 2023	978-81-19385-06-5	
35	Mrs.BhageshwariRatkal	Smart Home Security Solutions Based on Internet Of Things	July 2023	978-81-19385-07-2	
36	Dr.G.Narendrababu Reddy	Speech Recognition using Deep Learning	July 2023	978-81-19385-08-9	
37	Mrs.Y.Sravani Devi	Classification Of Fundus Images Captured Using D-Eye Smartphone Retinal Imaging System	July 2023	978-81-19385-02-7	
38	Mrs.T. Swapna	Augmented Realities:Enhancing Applications with AR	July 2023	978-81-19385-01-0	
39	Mrs.T.DivyaKumari	Web technologies programs	July 2023	978-620-6-68516-6	LAP Lambert Academic Publishing
40	Mrs.A.LeelaKumari	It workshop	July 2023	978-620-6-73781-0	
41	Dr.G.Malini Devi	Eavaluatory Accuracy Measures for Flight Delay Predictions: Minimizing	July 2023	978-620-6-68685-9	
42	Mrs.BhageshwariRatkal	Virtual therapist	July 2023	978-620-6-68584-5	
43	Mrs.D.R.Nandadevi	Information representation and extraction	July 2023	978-620-6-68564-7	

44	Mrs.Jayashree S Patil	Enhancing IoT security: a credit-based consensus mechanism with block	July 2023	978-620-6-68555-5	
45	Mr.G.Nagababu	Automatic detection of genetic eye diseases in pediatric age using ml	July 2023	978-620-6-68571-5	
46	Mrs.T.Swapna	Satellite Image Analysis for Poverty Prediction	July 2023	978-620-6-73693-6	
47	Mrs.T.Swapna	Python Programming for Beginners	July 2023	978-620-6-18445-4	
48	Mrs.M.Anusha	Retinal blood vessel segmentation using neural networks	July 2023	978-620-6-68598-2	
49	Mrs.V.Divya Raj	Providing security against insider attacks	July 2023	978-620-6-68628-6	
50	Mrs.V.Divya Raj	Duplicate image finder	July 2023	978-620-6-68599-9	
51	Mrs.B.Spandana	Dysgraphia screening among children using machine learning	July 2023	978-620-6-68632-3	
52	Mrs.R.Mamatha	Image based food calories estimation	July 2023	978-620-6-68660-6	
53	Jayashree S patil	Uccx based application for holiday management	July 2023	B0C9TYJ881	
54	Mrs.K.Gnana Prasuna	Data structures using c	July 2023	978-620-6-68647-7	
55	Dr.M.Seetha	Securing data with stegacrypt:three-tiered approach to data protection	July 2023	978-620-6-68674-3	
56	Mrs.Ch.Mandakini	Detection of breast cancer –a machine learning approach	July 2023	978-620-6-68589-0	
57	Mrs.Y.Sravani Devi	Retinal (glaucoma) image synthesis	July 2023	978-620-6-73738-4	
58	Mrs.R.Pallavi Reddy	Securing the Web: Machine Learning for CSRF Vulnerability Detection	July 2023	978-620-6-68671-2	
59	Mrs.Ch.Radhika	Characterization of situational information for covid-19	July 2023	978-620-6-73737-7	
60	Dr.D.V.Lalitha Parameswari	Mri clinical diagnostics with image fusion technique	July 2023	978-620-6-68626-2	
61	Dr.G.Malini Devi	Adaptive Traffic control system	July 2023	978-620-6-68686-6	
62	Mrs.Ch.Swathi	Spammer detection and fake user identification on social networks	July 2023	978-620-6-73736-0	
63	Dr.A.Sharada	Image Mosaicking:High Quality Image reconstruction	July 2023	978-620-6-68578-4	

64	Dr.P.Sunitha Devi	Anti theft detection in vehicles using facial recognition and iot	July 2023	978-620-6-68659-0	
65	Dr.K.VRaghavender	Youtube transcript summarizer	July 2023	978-620-6-73702-5	
66	Mr.T.Rajesh	Data mining techniques	July 2023	978-620-6-68655-2	
67	Mrs.M.Lalitha	Smart non-helmet bikers detection with license plate number recognition	July 2023	978-620-6-68585-2	
68	Dr.GNarendrababu Reddy	Enhancing medical data security by image steganography	July 2023	978-620-6-73817-6	
69	Mrs.G.Nagababu	Breast cancer prediction using machine learning algorithms	July 2023	978-620-6-68652-1	
70	Mrs.G.Sandhya	Student performance to support decision making in university admission	July 2023	978-620-6-73823-7	
71	Mrs.G.Sandhya	Hand gesture detection and recognition building system	July 2023	978-620-6-73856-5	
72	Mr.Ch.Sudharshan Reddy	Unveiling the Green Web:Iot-based weed detection and monitoring.	July 2023	978-620-6-73868-8	
73	Dr.N.Kalyani	Surface crack detection	July 2023	978-620-6-73792-6	
74	Mrs.J.SriLatha	Student professional guide using machine learning	July 2023	978-620-6-68645-3	
75	Mrs.D.NagaSwetha	Semantic and syntactic errors detection using nlp	July 2023	978-620-6-73740-7	
76	Mr.T.Anil	Computational Intelligence: AI and ML	July 2023	978-935-75-7183-8	Scientific International Publishing House
77	Dr.G.Malini Devi	Computer Vision: Applications of AI Vision and Image processing/Neonatal monitoring system using IoT and object detection	July 2023	9783110756722-006	De Gruyter
78	Dr.G.Malini Devi	Cloud Analytics for Industry 4.0/Prediction of knee osteoarthritis progression using machine learning techniques	July 2023	9783110771572-010	
79	Dr.M.Seetha	Intelligent Computing and Communication	July 2023	978-9-81-991588-0	Springer

A.Y: 2021-2022(48)

Table 5.8.1.8 List of Journal Publications 2021-2022: (32)

S.No.	Name of the faculty	Title of Paper	Title of the Journal	Volume No. /Issue No./ Page No./Month and Year of publication, ISSN No.	Index
1	Dr.Jayashree S Patil	Trust-Based Revocation Mechanism for isolating the Misbehaving Nodes in MANETs	Journal of Optoelectronics Laser	Vol. 41,Issue 5, pp: 203-208, May 2022, 1005-0086	Scopus
2	Mrs.Y.Sravani Devi	DR-DCGAN: A Deep Convolutional Generative Adversarial Network (DC-GAN) for Diabetic Retinopathy Image Synthesis	Webology	Vol. 19, Number 2, pp: 931-945, February 2022, IF:1.57, 1735-188X	Scopus
3	Dr.Raghavender K.V	Analyzing Histopathological images by using Machine Learning techniques	Applied Nanoscience	https://doi.org/10.1007/s13204-021-02217-4 , February 2022, 1320-4021	Scopus
4	Dr.M.Seetha	Performance analysis of LSTM based deep learning models for abnormal action prediction in surveillance videos	Journal of Theoretical and Applied Information Technology	Vol.100. No 1, January 2022, IF:0.60, 1992-8645	UGC
5	Mrs.D. Manju	Performance analysis of LSTM based deep learning models for abnormal action prediction in surveillance videos	Journal of Theoretical and Applied Information Technology	Vol.100. No 1, January 2022, IF:0.60, 1992-8645	UGC
6	Dr.Jayashree S Patil	Assistive Interaction Using Gestures and Voice Commands	International Journal of Research	Vol. XI, Issue 1, pp: 103-113 ,January 2022, IF:3.5, 2348-6848	UGC
7	Mrs.M.Lalitha	Assistive Interaction Using Gestures and Voice Commands	International Journal of Research	Vol. XI, Issue 1, pp: 103-113,January 2022, IF: 3.5, 2348-6848	UGC
8	Dr. D.V .Lalita Parameswari	Accessing Cloud Services using Token based Framework for IOT Devices	Webology	Vol. 18,Issue 2,pp: 199-211,December 2021, IF: 1.57, 1735-188X	Scopus
9	Mrs.T. Divya Kumari	An approach for code suggestion via code search	International Journal of Scientific and Engineering Research	Vol. 12, Issue 12,Dec 2021,December 2021, IF:4.2, 2229-5518	Google Scholar

10		Mrs.T. Divya Kumari	A Novel approach to detect code clones using Abstract Syntax Tree based neural network model	GIS Journal	Vol. 8, Issue 12, pp: 634-647, November 2021, IF:6.1, 1869-9391	Scopus
11		Mrs.D.R Nanda Devi	Automatic Question Generation System	International Research Journal of Engineering and Technology	Vol. 08, Issue 11, pp: 375-377, November 2021, IF:7.529, 2395-0072	Google Scholar
12		Dr.Raghavender K.V	Inventory Management Utilizing XG Boost in the Prediction for Automation of Agriculture Irrigation Systems	International Journal of Biology, Pharmacy and Allied Sciences	Special Issue, 10(11): pp:612-622, November 2021, IF:1.9, 2277-4998	Web of Science
13		Dr.G.Narendrababu Reddy	RWWO: An effective strategy for workflow scheduling in cloud computing with predicted energy using Deep Maxout Network	Energy Harvesting and Systems	Vol.8, Issue 2, pp:87-102, October 2021, IF:0.086, 2329-8766	Scopus
14		Mrs.Y.Sravani Devi	Retinal Image Synthesis for Diabetic Retinopathy Assessment Using DCGAN and VAE Models	International Journal of Advances in Electronics and Computer Science	Vol. 8, Issue-10 , pp: 12-17, October 2021,IF:2.68, 2394-2835	UGC
15		Dr.M.Seetha	Automated Text Detection from Big Data Scene Videos in Higher Education: A practical Approach for MOOCs Case Study	Journal of Computing in Higher Education	Vol.33, no.3, pp. 581-613,September 202, IF: 3.05, 1042-1726	Scopus
16		Dr.Jayashree S Patil	Detection Of Illicit Messages in Twitter Using Support Vector Machine and VGG16	Information Technology in Industry	Vol. IX, No.3, pp:794 ,August 2021, IF: 0.043, 2204-0595	UGC
17		Mrs.Ch.Radhika	Cardiovascular Disease Prediction using Ensemble Techniques	International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp: 1400-1405,August 2021, IF:6.3, 0886-9367	UGC
18		Dr.A.Sharada	Machine Learning Perspective on Emotional Dichotomy during the Pandemic	International Journal of Engineering and Technology	Vol. 9,Issue 9, pp:319-330, September 2022, 2227-524x	Google Scholar

19		Mrs.T.Swapna	Detection and Classification of Skin diseases using Deep Learning	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp. 1096:1101,August 2021, IF:6.3, 0886-9367	UGC
20		Mrs.B.GeethaKumari	Detection of Malignant Things at Public Space Using Deep Learning Technique	International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp: 1543-1549,August 2021, IF:6.3, 0886-9367	UGC
21		Mrs.K.Sneha Reddy	Detection of Malignant Things at Public Space Using Deep Learning Technique	International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp: 1543-1549,August 2021, IF:6.3, 0886-9367	UGC
22		Mrs.K.Sneha Reddy	An Efficient Face Mask Detection Framework Using Machine Learning	International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp. 1538-1542,,August 2021, IF:6.3, 0886-9367	UGC
23		Mrs.B.GeethaKumari	An Efficient Face Mask Detection Framework Using Machine Learning	International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, pp. 1538-1542,August 2021, IF:6.3, 0886-9367	UGC
24		Mrs.Ch.Mandakini	Facial emotion recognition of multiple persons in a live video stream using deep learning	The International journal of analytical and experimental modal analysis	Vol. XIII, Issue VIII, ISSN : 0886-9367, pp: 645-649,August 2021, IF:6.3, 0886-9367	UGC
25		Dr.D.V.Lalita Parameswari	Automate The Mapping Phase Of Drug Side Effects Using NLP Techniques	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), ISSN:13094653 Pp: 5687-5699,August 2021, IF: 0.03,1309-4653	Scopus
26		Dr.M.Seetha	Early Action Prediction Using VGG16 Model And Bidirectional LSTM	IT in Industry	Vol. 9, No.1, 2021,August 2021, IF: 0.043, 2204-0595	WoS
27		Mrs.D. Manju	Early Action Prediction Using VGG16 Model And Bidirectional LSTM	IT in Industry	Vol. 9, No.1, 2021, August 2021, IF: 0.043,2204-0595	WoS
28		Mrs.P. Keerthi Chandrika	Resource integrity-aware flexible resource scaling approach over sensor-cloud	International Journal of Power trains	Vol. 10, Issue 2, pp: 175-187,August 2021, IF: 1.04, 1742-4269	Scopus
29		Dr.D.V.Lalita Parameswari	Mining images of high spatial resolution in agricultural environments	Applied Nanoscience	Vol.11, Issue 7, July 2021, IF: 3.6, 2190-5517	Scopus, Wos

30	Mrs.B.GeethaKumari	Using Machine Learning Algorithms to Analyze Visualize and Detect Crime Data in three Dimensional Directions	Turkish Online Journal of Qualitative Inquiry	Vol. 12, No.7, pp: 7423-7428,July 2021, 1309-6591	Scopus
31	Mrs.K.Sneha Reddy	Using Machine Learning Algorithms to Analyze Visualize and Detect Crime Data in three Dimensional Directions	Turkish Online Journal of Qualitative Inquiry	Vol. 12, No.7, pp: 7423-7428,July 2021, 1309-6591	Scopus
32	Dr.Jayashree S Patil	Predicting Crime Rate In India Using Deep Learning Technique	International journal of analytical and experimental modal analysis	Volume VIII, Issue VII, pp: 602-609July 2021,Impact Factor-6.3,0886-9367	UGC

Table 5.8.1.9 List of Conference proceedings for A.Y 2021-2022: (16)

S. No.	Name of the Faculty	Title of the paper	Title of the proceedings of the conference	Month &Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Index
1	Dr.M.Seetha	An Ensemble CNN model for Identification of Diabetic Retinopathy Eye Disease	Smart Intelligent Computing and Applications, Proceedings of 5th International Conference on Smart Computing and Informatics (Sci-2021)	May 2022	978-981-16-9704-3	Springer	Scopus
2	Dr.D.V.Lalitha Parameswari	Feature Selection based Supervised Learning Method for Network Intrusion Detection	Smart Innovation, Systems and Technologies	Vol 283,pp 191–198, May 2022	https://doi.org/10.1007/978-981-16-9705-0_19	Springer	Scopus
3	Dr.N.Kalyani	An Ensemble CNN model for Identification of Diabetic Retinopathy Eye Disease	Smart Intelligent Computing and Applications, Proceedings of 5th International Conference on Smart Computing and Informatics (Sci-2021)	May 2022	978-981-16-9704-3	Springer	Scopus

4	Mrs.Y.Sravani Devi	An Ensemble CNN model for Identification of Diabetic Retinopathy Eye Disease	Smart Intelligent Computing and Applications, Proceedings of 5th International Conference on Smart Computing and Informatics (Sci-2021)	May 2022	978-981-16-9704-3	Springer	Scopus
5	Dr.D.V.Lalita Parameswari	GA-ANN Framework for Breast Cancer Classification	International Conference on Artificial Intelligence and Sustainable Engineering	April 2022	978-981-16-8542-2	Springer	Scopus
6	Dr.K.Raghavender	A Machine Learning Based Approach for Detection of Distributed Denial of Service Attacks	Applications of Artificial Intelligence and Machine Learning	February 2022	978-981-19-4830-5	Springer	Scopus
7	Mrs.D.Manju	Analysis of Deep learning models for Early Action Prediction using LSTM	3rd International conference on Inventive Computation and Information Technologies	January 2022	978-981-16-6723-7	Springer	Wos/ Scopus
8	Dr.M.Seetha	Analysis of Deep learning models for Early Action Prediction using LSTM	3rd International conference on Inventive Computation and Information Technologies	January 2022	978-981-16-6723-7	Springer	Wos/ Scopus
9	Mrs.R.Mamatha	Role of Machine Learning in Software Project Management	National Conference on Intelligent Secure Smart Systems	October 2021	978-14-47999-04-5	NCISS	Scopus
10	Mrs.R.Pallavi Reddy	Analysis of Eye Gaze Response to Predict Cognitive and Behavior Abilities of an Individual to Determine Developmental Disorder	5th International Conference on Smart Computing & Informatics (SCI-2021)	September 2021	978-9-8110-5544-7	Springer	Scopus

11	Dr.N.Kalyani	Analysis of Eye Gaze Response to Predict Cognitive and Behavior Abilities of an Individual to Determine Developmental Disorder	5th International Conference on Smart Computing & Informatics (SCI-2021)	September 2021	978-9-8110-5544-7	Springer	Scopus
12	Mrs.R.Pallavi Reddy	Prediction and Analysis of Vitamin D Deficiency Using Machine Learning Algorithms	5th International Conference on Smart Computing & Informatics (SCI-2021)	September 2021	978-9-8110-5544-7	Springer	Scopus
13	Dr.M.Seetha	Chemical Plant Liquid Leakage IoT Based Monitoring	Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies	July 2021	978-981-16-0878-0_48	Springer	Scopus
14	Dr.N.Kalyani	KruthVidya—Mobile App to Detect Dyslexia	Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies	pp 441–453, July 2021	978-981-16-0878-0_44	Springer	Scopus
15	Dr.M.Seetha	Early Screening of Autism among Children Using Ensemble	International Conference on Advances in Computing, Communication Control and Networking	pp. 162-169,2021	doi: 10.1109/ ICAC3N53548.2021.9725586.	Springer	Scopus
16	Dr.N.Kalyani	Early Screening of Autism among Children Using Ensemble	International Conference on Advances in Computing, Communication Control and Networking	pp. 162-169,2021	doi: 10.1109/ ICAC3N53548.2021.9725586.	Springer	Scopus

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Table 5.8.1.10 List of Journal Publications 2020-2021: (22)

S.No.	Name of the faculty	Title of Paper	Title of the Journal	Volume No. / Issue No./ Page No./ Month and Year of publication, ISSN No.	Index
1	Mrs.R.Mamatha	A Preliminary Review on Resource Allocation Within a Software Team	Turkish Online Journal of Qualitative Inquiry	Volume 12, Issue 5, pp:2512,May 2021,IF: 0.0,1309-6591	Scopus
2	Mrs.S. Sandhya	A Theoretical review on the importance of Threat Intelligence sharing & the challenges intricated	Turkish Journal of Computer and Mathematics Education	DOI:10.17762/ turcomat.v12i3.1684 April 2021,1309-4653	Scopus
3	Mrs.D. Manju	Early Action Prediction using 3DCNN with LSTM and Bidirectional LSTM	Turkish Journal of Computer and Mathematics Education	Vol.12 No.6 (2021), ,pp:2275-2281 April 2021, IF: 0.03,1309-4653	Scopus
4	Dr.M.Seetha	Early Action Prediction using 3DCNN with LSTM and Bidirectional LSTM	Turkish Journal of Computer and Mathematics Education	Vol.12 No.6 (2021), pp:2275-2281 ,April 2021,IF: 0.03,1309-4653	Scopus
5	Dr.K.Venugopal Rao	Improved Intrusion Detection using Feature Selection	International Journal of Innovative Science and Research Technology	Vol. 6, Issue 2, February 2021, IF: 6.253,2456-2165	UGC
6	Mrs.R.Pallavi Reddy	Short Message Service Spam Detection Using Machine Learning Techniques	International Journal of Current Engineering and scientific Research	Vol:VIII,Issue I ,January 2021,2393 8374	Google Scholar
7	Mrs.Y.Sravani Devi	A Scoping Review of diabetic Retinopathy detection techniques using deep learning	High Technology Letters	Vol:26, Issue 11, pp: 92-406, November 2020, IF: 2.7,1006-6748	Scopus
8	Dr.K.Venugopal Rao	An Integrated Approach for feature selection	Journal of Emerging Technology and Innovative Research	Volume 7, Issue 10,October 2020, IF: 5.87,2349-5162	UGC

9	Mr.A.Sharath Kumar	Prevention of DDoS Attacks and Detection on Cloud Environment—A Review and Survey	Advances in Intelligent Systems and Computing book series	Vol. 1171, August 2020, IF: 0.634,2194-5357	Scopus
10	Mrs.R.Pallavi Reddy	A Review on Data mining Techniques and Challenges in Medical field	International Journal of Engineering Research & Technology	Vol:9, Issue 8 , pp:329-333, August 2020, IF: 7.83,2278-0181	UGC
11	Dr.D.V.Lalitha Parameswari	Exploring the Novice Approach to Orthorectification of Satellite Imagery	ICT Analysis and Applications , Lecture Notesin Networks and Systems	ICT Analysis and Applications , Lecture Notesin Networks and Systems	Scopus
12	Mrs.Ch.Mandakini	A Review on Data mining Techniques and Challenges in Medical field	International Journal of Engineering Research & Technology	Vol:9, Issue 8 , pp: 329-333,August 2020, IF:7.83,2278-0181	UGC
13	Mrs.Ch.Radhika	A Review on Datamining Techniques and Challenges in Medical field	International Journal of Engineering Research & Technology	Vol:9, Issue 8 , pp: 329-333,August 2020, IF:7.83,2278-0181	UGC
14	Dr.K.Venugopal Rao	A Fine Grained Survey Over The Recognition Of Face And Face Expressions: Databases, And Methods	International Journal of Advanced Science and Technology	Vol. 29, No. 8s, pp. 1821-1842,July 2020, IF:0.410,2005-4238	Scopus
15	Dr.G.Malini devi	A CMiner Algorithm based Mining Technique to Extract Competitors for Kaggle Dataset	International Journal of Engineering Research & Technology	Vol:9, Issue 7, pp: 1310-1314,July 2020, IF:7.83,2278-0181	UGC
16	Mrs.Ch.Swathi	Evaluating Health Care Units using Machine Learning Models	International Journal of Advanced Science and Technology	Vol. 29,Issue 6,2020, 2005-4238	Scopus
17	Dr.A.Sharada,	Stress Detection Based On Multimodal Data Using Machine Learning Techniques	International Journal of Advanced Science and Technology	Vol. 63,Issue 2,2020, 2207-6360	Scopus

18	Dr.M.Seetha	Stress Detection Based On Multimodal Data Using Machine Learning Techniques	International Journal of Advanced Science and Technology	Vol. 63,Issue 2,2020, 2207-6360	Scopus
19	Dr.P.Sunitha devi	Stress Detection Based On Multimodal Data Using Machine Learning Techniques	International Journal of Advanced Science and Technology	Vol. 63,Issue 2,2020, 2207-6360	Scopus
20	Mrs.D.Naga Swetha,	Secure Cloud-Edge-Shared Storage System for Data Sharing and Searching on Edge Servers	International Journal of Psychosocial Rehabilitation	Volume 24 Issue 8 Pp:7281-7288, 10.37200/V24I8/24703	Scopus
21	Mrs.T.Anil	Secure Cloud-Edge-Shared Storage System for Data Sharing and Searching on Edge Servers	International Journal of Psychosocial Rehabilitation	Volume 24 Issue 8 Pp:7281-7288, 10.37200/V24I8/24703	Scopus
22	Mrs.Ch.Swathi	Evaluating Health Care Units using Machine Learning Models	International Journal of Advanced Science and Technology	Vol. 29,Issue 6,2020, 2005-4238	Scopus

Table 5.8.1.11 List of Book published for A.Y: 2020-2021 (1)

S. No.	Name of the Faculty	Title of the Book	Month &Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Mrs.Jayashree S Patil	Network security	August 2020	979-8671985436	National, independently published, Michigan

Table 5.8.1.12 List of Conference proceedings for A.Y:2020-2021 (20)

S. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Month &Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Index

1	Dr.M.Seetha	Data pre-processing for learning, analysing and detecting scene text video based on rotational gradient	ACM International Conference Proceeding Series	April 2021	https://doi.org/10.1145/3460620.3460621	ACM	Scopus
2	Dr.M.Seetha	Detection of text from video with customized Trained Anatomy	International Conference On Data science ,E-learning and information systems	April 2021	978-1-4503-8838-2	ACM	Scopus
3	Dr.M.Seetha	Comparative Analysis of LSTM based Deep Learning Models for Abnormal Action Prediction in Surveillance Videos	International Conference On Recent Challenges In Engineering Science and Technology	April 2021	978-93-950596-0-7	IFERP	--
4	Mrs.D.Manju	Comparative Analysis of LSTM based Deep Learning Models for Abnormal Action Prediction in Surveillance Videos	International Conference On Recent Challenges In Engineering Science and Technology	April 2021	978-93-950596-0-7	IFERP	--
5	Mrs.R.Pallavi Reddy	Tool for Assessing Intellectual Quotient among children	International Conference on Information and Communication Technology for Intelligent Systems	April 2021	978-981-15-7078-0	Springer	Scopus
6	Dr.N.Kalyani	Tool for Assessing Intellectual Quotient among children	International Conference on Information and Communication Technology for Intelligent Systems	April 2021	978-981-15-7078-0	Springer	Scopus
7	Mrs.S.Sandhya	Exploiting the vulnerabilities of Traditional Captcha System and Exemplifying Smart Captcha System	International Conference on “Emerging Trends in Circuit branch Technologies and Applications	April 2021	978-14-50376-29-7	Springer	Scopus

8	Mrs.G.Nagababu	A Study on Algorithms Towards Data Security Issues in Cloud Computing Environment	International Conference on Smart Data Intelligence	April 2021	978-05-21463-39-3	ICSMDI	Scopus
9	Dr.M.Seetha	Smart City Data Generation for IOT Applications using essential Hadoop Frameworks	International Research Conference on “Embracing Change & Transformation-Breakthrough innovation & Creativity	March 2021	978-012-373721-2	SUCCESS PUBLICATIONS	Scopus
10	Dr.N.Kalyani	A Survey on Autism Spectrum Disorder Recognition Techniques	International Conference on Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
11	Dr.A.Sharada	Machine learning approach for Stress Detection using Bio Signals	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
12	Mrs.Jayashree S Patil	Credit based consensus mechanism using block chain system for providing secure Industrial Internet of Things	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--

13	Dr.D.V.Lalita Parameswari	Multiscale Object Detection for Remote sensing Imagery	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
14	Dr.D.V.Lalita Parameswari	Performance Analysis ofn Wisconsin Breast Cancer Dataset using Ensemble Model	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
15	Dr.G.Malini Devi	Sensile Psychosis	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
16	Dr.G.Malini Devi	A Complete Care to Shishu	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	November 2020	978-93-89107-33-3	IFERP	--
17	Mrs.BhageshwariRatkal	Automatic reminder list to assist people with Alzehmer’s	International Conference on Smart Computing and Informatics	October 2020	978-98-11055-44-7	Springer	Scopus
18	Mrs.G. Varsha	Detecting fraudulent of fuel level on LED digitized display using IoT sensors	Journal of Physics: Conference Series **(Open Access)**	2021	doi: 10.1088/1742-6596/1804/1/012156	IOP Publishing	Scopus
19	Mr.A.Sharat Kumar	Detecting fraudulent of fuel level on LED digitized display using IoT sensors	Journal of Physics: Conference Series **(Open Access)**	2021	doi: 10.1088/1742-6596/1804/1/012156	IOP Publishing	Scopus

20	Mrs.Vasundhara Ramireddy	Detecting fraudulent of fuel level on LED digitized display using IoT sensors	Journal of Physics: Conference Series **(Open Access)**	2021	doi: 10.1088/1742-6596/1804/1/012156	IOP Publishing	Scopus

Table 5.8.1.13, 5.8.1.14 represents the Web of Science core group list of journal publications, citations and h-index details

Table 5.8.1.13 Number of quality publications in SCI / SCIE Journals indexed in Web of Science Core Collection

S.No.	Title of paper	Name of the Author	Name of Journal	Year of Publication	Index
1	Deep Learning Model with Progressive GAN for Diabetic Retinopathy	Dr.M.Seetha, Dr.N.Kalyani	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
2	Natural Scene Text Detection in Video with Hybrid Text Augmentation and Fusion-Transferred Learning	Dr.M.Seetha	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
3	River Network Identification from Satellite Imagery Using Machine Learning Algorithms	Dr.M.Seetha, Dr.DV Lalitha Parameswari, Dr.G.Malini Devi	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
4	G-EYE: Smartphone Compatible Portable Indirect Ophthalmoscope for Generating Quality Fundus Images	Dr.M.Seetha, Dr.N.Kalyani, Mrs.Y.Sravani Devi	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
5	Stress Detection in Classroom Environment Using Physiological Data	Dr.A.Sharada, Mrs.Bhageswari ratkal, Mrs. M.Lalitha	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
6	Early Prediction of Healthcare Diseases Using Machine Learning and Deep Learning Techniques	Mr N.Venkateswarulu	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science

7	Glaucoma Retinal Image Synthesis Using the GAN	Mrs.Y.Sravani Devi	Intelligent Computing and Communication: Proceedings of ICICC. Advances in Intelligent Systems and Computing	September 2023	Web of Science
8	Exploration of issues, challenges and latest developments in autonomous cars	Mr. N.Venkateswarulu	Journal of Big Data	May 2023	Web of Science
9	An Industry Framework for Remote Health Monitoring using Machine Learning Models to Predict a Disease	Mr. N.Venkateswarulu	Journal of Scientific and Industrial Research	February 2023	SCIE/Web of Science
10	Diabetic Retinopathy (DR) Image Synthesis Using DCGAN and Classification of DR Using Transfer Learning Approaches	Mrs.Y.Sravani Devi	International Journal of Image and Graphics	2023	Web of Science
11	Blockchain in healthcare : Moving towards a methodological framework for protecting Biomedical Databases	Dr.DV Lalitha Parameswari	Journal of Discrete mathematical Sciences & Cryptography	May 2022	Web of Science
12	Analysis of Deep Learning Models for Early Action Prediction Using LSTM	Dr.M.Seetha, Mrs.D.Manju	Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation	January 2022	Web of Science
13	Automated text detection from big data scene videos in higher education: a practical approach for MOOCs case study	Dr.M.Seetha	Journal of Computing in Higher Education	December 2021	Web of Science
14	Mining images of high spatial resolution in agricultural environments	Dr.DV Lalitha Parameswari	Applied Nanoscience	July 2021	Web of Science

Table 5.8.1.14 Details of Web of Science Citations

S.No.	Faculty Name	Designation	Web of Science ID	Total Citations	Total Docs	Web of Science h-index
1	Dr.M.Seetha	Dean R&D,Prof.	W-8657-2019	80	33	6
2	Dr.N.Kalyani	Dean &Prof.	AAC-7304-2019	6	5	2

3	Dr. G. Narendrababu Reddy	Asst.Prof.	AHI-7352-2022	6	4	1
4	Dr. D.V. Lalita Parameswari	Assoc.Prof.	HNJ-2226-2023	3	2	1
5	Mrs. Y. Sravani Devi	Asst.Prof.	AAC-2046-2022	3	5	1
6	Mrs. R. Pallavi Reddy	Asst.Prof.	GQI-2473-2022	2	4	1
7	Dr. G. Malini Devi	Assoc.Prof.	AAE-3037-2021	1	1	1
8	Mr. N. Venkateswarulu	Asst.Prof.	ABL-7148-2022	1	2	0
9	Dr.A.Sharada	HoD & Prof.	AAE-4997-2021	0	1	0

The details of papers published by the faculty of CSE Department which are indexed in SCOPUS database are mentioned in Table 5.8.1.15 and the citations of scopus and google scholar are shown in Table 5.8.1.16 and 5.8.1.17.

Table 5.8.1.15 Quality publications in **SCOPUS indexed journals**

S.No.	**Name of Faculty**	**Title of the paper**	**Name of the Journal**	**Volume/Issue/PP/ Mon &Year**	**ISSN/DoI/ISBN**
1	Mr.N.Venkateswarlu	An Industry Framework for Remote Health Monitoring using Machine Learning Models to Predict a Disease	Journal of Scientific & Industrial Research	Vol. 82, Feb 2023, pp. 232-240, 2023	0975-1084
2	Mr.N.Venkateswarlu	Exploration of issues, Challenges and latest developments in autonomous cars	Journal of Big Data **(Open Access)**	Vol.10,Issue 61,May 2023	DOI:10.1186/ s40537-023-00701-y
3	Dr.D.V.Lalitha Parameswari	SPE: Ensemble Hybrid Machine Learning Model for E	International Journal of Intelligent Systems and Applications in Engineering	Vol. 11 Issue. 1, pp: 339–347, Feb 2023	https://ijisae.org/index.php/IJISAE/article/view/2544
4	Dr.D.V.Lalitha Parameswari	Technology for Kisan Samanvayam: Nutrition Intelligibility of Groundnut Plant using IoT-ML Framework	International Journal on Recent and Innovation Trends in Computing and Communication **(Open Access)**	Vol. 11, Issue 3, pp: 273-286, Mar 2023	DOI:10.17762/ ijritcc.v11i3.6345

5	Dr.D.V.Lalitha Parameswari	Spatial Data Mining towards Geospatial Data Analysis for Discovery of Spatial Correlations	International Journal of Intelligent Systems and Applications in Engineering	Vol.11 Issue. 2 , Feb 2023	2147-6799
6	Mrs.R.Pallavi Reddy	A Deep Learning Technique to Recommend Music Based on Facial and Speech Emotions	Smart Innovation, Systems and Technologies	pp 25–40, Sep 2023	978-981-99-3982-4_3
7	Dr.G.Malini Devi	A pragmatic approach for hate speech detection through applying machine learning	AIP Conference Proceedings	Vol. 2724, Issue 1, April 2023	https://doi.org/10.1063/5.0130174
8	Dr.Raghavender K.V	Expert system for smart farming for diagnosis of sugarcane diseases using machine learning	Computers and Electrical Engineering **(Open Access)**	July 2023	https://doi.org/10.1016/j.compeleceng.2023.108739
9	Mrs.T.Swapna, Dr.A.Sharada	Stress Detection Based on Multimodal Data in a Classroom Environment	Lecture Notes in Electrical Engineering	pp 159–170,Sep 2023	978-981-99-5080-5_14
10	Dr.D.V.Lalitha Parameswari	Security and Privacy in Smart Farming: Challenges and Opportunities	International Journal on Recent and Innovation Trends in Computing and Communication	2023,11(7s), pp: 324-328	2321-8169 **(Open Access)**
11	Mrs.Y.Sravani Devi	Diabetic Retinopathy (DR) Image Synthesis Using DCGAN and Classification of DR Using Transfer Learning Approaches	International Journal of Image and Graphics	2023	10.1142/S0219467823400090
12	Dr.D.V.Lalitha Parameswari	Spa Data Analysis for Discovery of Spatial Correlations	International Journal of Intelligent systems and applications in Engineering	Vol. 12 No. 15s, 2147-6799	2023
13	Dr. A. Sharada	Smart Technology for Real-Time Evaluation of Stress Levels	3rd International Conference on Recent Trends in Engineering Technology and Management	Christ the King Engineering College (CKEC), Coimbatore, India	July 2023

14	Dr.M.Seetha, Dr.N.Kalyani, Mrs.Y.Sravani Devi	An Ensemble CNN model for Identification of Diabetic Retinopathy Eye Disease	Smart Intelligent Computing and Applications, Proceedings of 5th International Conference on Smart Computing and Informatics (Sci-2021)	May 2022	978-981-16-9704-3
15	Mrs.G. Sandhya	Integrating Technology for Sustainable Agriculture: Enhancing Crop Productivity while Minimizing Pesticide Usage using Image Processing &IoT	4th International Conference on Electronics and Sustainable Communication Systems (ICESC)-2023	2023	979-8-3503-0009-3, Hindustan Institute of Technology Madras (Coimbatore) Section - ED Chapter Madras Section
16	Dr.D.V.Lalita Parameswari	GA-ANN Framework for Breast Cancer Classification	International Conference on Artificial Intelligence and Sustainable Engineering	April 2022	978-981-16-8542-2,Springer
17	Dr. Raghavender K. V	A Machine Learning Based Approach for Detection of Distributed Denial of Service Attacks	Applications of Artificial Intelligence and Machine Learning	February 2022	978-981-19-4830-5,Springer
18	Mrs.Y.Sravani Devi	A deep transfer learning approach for identification of diabetic retinopathy using data augmentation	International Journal of Artificial Intelligence	Dec 2022	2252-8938
19	Mrs. T.DivyaKumari	Java Source code Similarity Detection Using Siamese Networks	Journal of Theoretical and Applied Information Technology	Vol.100. No 17, Sep 2022	1992-8645
20	Dr.D.V.Lalitha Parameswari	Blockchain in healthcare:Moving towards a methodological framework for protecting Biomedical databases	Journal of Discrete Mathematical Sciences and Cryptography	pp: 891-901,July 2022	0972-0529
21	Dr. Jayashree S Patil	Trust-Based Revocation Mechanism for isolating the Misbehaving Nodes in MANETs	Journal of Optoelectronics Laser	2022	1005-0086
22	Dr.P. Sunitha Devi	OMSST Approach for Unit Selection from Speech Corpus for Telugu TTS	Communication, Software & Network Lecture Notes in Networks and Systems	Vol 493,Oct 2022	https://doi.org/ 10.1007/978-981-19-4990-6 _28

23	Mrs.R.Pallavi Reddy, Dr.N.Kalyani	Analysis of Eye Gaze Response to Predict Cognitive and Behaviour Abilities of an Individual to Determine Developmental Disorders	Smart Innovation, Systems and Technologies	Vol 283.,May2022	978-981-16-9705-0_5
24	Dr.D.V.Lalitha Parameswari	Feature Selection based Supervised Learning Method for Network Intrusion Detection	Smart Innovation, Systems and Technologies	Vol 283,pp 191–198, May 2022	https://doi.org/ 10.1007/978-981-16-9705-0_19
25	Mrs.R.Pallavi Reddy	Prediction and Analysis of Vitamin D Deficiency Using Machine Learning Algorithms	International Conference on Computer Communication and Informatics	pp 177–185, April 2022	https://doi.org/ 10.1007/978-981-16-9669-5_16
26	Mrs. Y.Sravani Devi	DR-DCGAN: A Deep Convolutional Generative Adversarial Network (DC-GAN) for Diabetic Retinopathy Image Synthesis	Webology	2022	1735-188X
27	Dr.M.Seetha, Dr.N.Kalyani, Mrs. Y.Sravani Devi	Classification of Fundus Images Captured using D-Eye Smartphone Retinal Imaging System	International Conference on Emerging Trends in Computing and Engineering Applications (ETCEA), Karak, Jordan	pp. 1-7,2022	doi: 10.1109/ ETCEA57049.2022.10009691.
28	Dr.Raghavender K.V	Analyzing Histopathological images by using Machine Learning techniques	Applied Nanoscience	Vol.13, pp: 2507–2513, 2022	1320-4021
29	Mr. N.Venkateswarulu	The Adaptive Strategies Improving Digital Twin Using the Internet of Things	Intelligent Computing and Applications. Smart Innovation, Systems and Technologies	Vol 315,Nov 2022	https://doi.org/ 10.1007/978-981-19-4162-7_41
30	Dr.D.V.Lalitha Parameswari	A Hybrid Feature Selection for Improving Prediction Performance with a Brain Stroke Case Study	Data Science and Security. Lecture Notes in Networks and Systems	Vol 462,July 2022	https://doi.org/ 10.1007/978-981-19-2211-4_33
31	Dr.N.Kalyani	Tool for Assessing Intellectual Quotient Among Children	ICT with Intelligent Applications. Smart Innovation, Systems and Technologies	Vol 248, December 2021	https://doi.org/ 10.1007/978-981-16-4177-0_27

32	Dr.D.V.Lalitha Parameswari	Accessing Cloud Services using Token based Framework for IOT Devices	Webology	Vol. 18, Issue 2, Dec 2021	1735-188X
33	Mrs. T.Divya Kumari	A Novel approach to detect code clones using Abstract Syntax Tree based neural network model	GIS Journal	2021	1869-9391
34	Dr. G.Narendra Babu Reddy	RWWO: An effective strategy for workflow scheduling in cloud computing with predicted energy using Deep Maxout Network	Energy Harvesting and Systems	Oct 2021	2329-8766
35	Dr.M.Seetha	Automated Text Detection from Big Data Scene Videos in Higher Education: A practical Approach for MOOCs Case Study	Journal of Computing in Higher Education	Vol. 33, pp: 581–613, Sep 2021	1042-1726
36	Dr.D.V.Lalitha Parameswari	Automate The Mapping Phase Of Drug Side Effects Using NLP Techniques	Turkish Journal of Computer and Mathematics Education	Vol. 12,issue 10, 2021	1309-4653
37	Dr.D.V.Lalitha Parameswari	Mining images of high spatial resolution in agricultural environments	Applied Nanoscience	Vol. 13, pp:1029–1043, July 2021	2190-5517
38	MRs. B.Geetha Kumari, Mrs. K.Sneha Reddy	Using Machine Learning Algorithms to Analyze Visualize and Detect Crime Data in three Dimensional Directions	Turkish Online Journal of Qualitative Inquiry	Vol.12,Issue 7, 2021	1309-6591
39	Mrs. R.Mamatha	A Preliminary Review on Resource Allocation Within a Software Team	Turkish Online Journal of Qualitative Inquiry	Volume 12, Issue 5, May 2021	1309-6591
40	Mrs. R.Mamatha	Role of Machine Learning in Software Project Management	Journal of Physics: Conference Series **(Open Access)**	2021	doi: 10.1088/1742-6596/2040/1/012038

41	Mrs. Bhageswari Ratkal	Automatic Reminder List Generation to Assist People with Alzheimer’s	Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies	July 2021	https://doi.org/10.1007/978-981-16-0878-0_7
42	Dr.M.Seetha	Chemical Plant Liquid Leakage IoT Based Monitoring	Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies,	July 2021	https://doi.org/10.1007/978-981-16-0878-0_48
43	Mrs. P.Keerthi Chandrika	Resource integrity-aware flexible resource scaling approach over sensor-cloud	International Journal of Power trains	pp 175-187, Aug 2021	1742-4269
44	Dr.N.Kalyani	KruthVidya—Mobile App to Detect Dyslexia	Smart Computing Techniques and Applications	pp 441–453, July 2021	https://doi.org/10.1007/978-981-16-0878-0_44
45	Mrs. S.Sandhya	A Theoretical review on the importance of Threat Intelligence sharing & the challenges intricate	Turkish Journal of Computer and Mathematics Education	Vol. 12,Issue 3 ,2021	1309-4653
46	D.Manju, Dr.M.Seetha	Early Action Prediction using 3DCNN with LSTM and Bidirectional LSTM	Turkish Journal of Computer and Mathematics Education	April 2021	1309-4653
47	Dr.M.Seetha	Data preprocessing for learning, analyzing and detecting scene text video based on rotational gradient	ACM International Conference Proceeding Series	pp:1-8, June 2021	https://doi.org/10.1145/3460620.3460621
48	Dr.M.Seetha	Detection of text from video with customized trained anatomy	International Conference on Data Science, E-learning and Information Systems	pp:1-8, April 2021	https://doi.org/10.1145/3460620.3460621
49	Mrs. G. Varsha Mrs. Vasundhara Ramireddy	Detecting fraudulent of fuel level on LED digitized display using IoT sensors	Journal of Physics: Conference Series **(Open Access)**	2021	doi: 10.1088/1742-6596/1804/1/012156
50	Dr.M.Seetha	Implementation of Spatial Images Using Rough Set-Based Classification Techniques	Proceedings of the Third International Conference on Computational Intelligence and Informatics	March 2020	https://doi.org/10.1007/978-981-15-1480-7_38

51	Dr.M.Seetha, Dr.N.Kalyani	Early Screening of Autism among Children Using Ensemble	International Conference on Advances in Computing, Communication Control and Networking	pp. 162-169,2021	doi: 10.1109/ ICAC3N53548.2021.9725586.
52	Mrs. Y.Sravani Devi	A Scoping Review of diabetic Retinopathy detection techniques using deep learning	High Technology Letters	2020	1006-6748
53	Mr. A.Sharath Kumar	Prevention of DDoS Attacks and Detection on Cloud Environment—A Review and Survey	Advances in Intelligent Systems and Computing book series	pp 463–470,Aug 2020	2194-5357
54	Dr.K.Venugopal Rao	A Fine Grained Survey Over The Recognition Of Face And Face Expressions: Databases, And Methods	International Journal of Advanced Science and Technology	Vol. 29,Issue 8, 2020	2005-4238
55	Mrs. Ch.Swathi	Evaluating Health Care Units using Machine Learning Models	International Journal of Advanced Science and Technology	Vol. 29,Issue 6,2020	2005-4238
56	Mrs. D.Naga Swetha, T.Anil	Secure Cloud-Edge-Shared Storage System for Data Sharing and Searching on Edge Servers	International Journal of Psychosocial Rehabilitation	2020	7281-7288
57	Dr.D.V.Lalitha Parameswari	Exploring the Novice Approach to Orth rectification of Satellite Imagery	Lecture Notes in Networks and Systems	pp 143–154,Feb 2020	2367-3370
58	Dr.A.Sharada, Dr.M.Seetha, Dr. P.Sunitha devi	Stress Detection Based On Multimodal Data Using Machine Learning Techniques	International Journal of Advanced Science and Technology	Vol. 63,Issue 2,2020	2207-6360
59	Dr. Raghavender K.V	Deep neural networks for applying machine learning models in wireless networks	AIP Conference Proceedings, Volume 2523, Issue 1	https://doi.org/ 10.1063/5.0110234	January 2023
60	Dr. Raghavender K.V	Decentralized smart contract certificate system using Ethereum Block chain Technology	International Conference on Emerging Trends in Engineering(ICETE-2023)	https://doi.org/ 10.1016/j.procs. 2023.12.035	Apr 2023, University College of Engineering, Osmania University

Table 5.8.1.16 Details of Scopus Citations

S.No.	Faculty Name	Designation	Scopus ID	ToTal Citations	Total Publications	Scopus h index
1	Dr.M.Seetha	Dean R&D,Prof.	54795736200	162	51	6
2	Dr.A.Sharada	HoD & Prof.	36096065900	2	8	1
3	Dr. G. Narendrababu Reddy	Asst.Prof.	57198791442	37	9	4
4	Dr. D.V. Lalita Parameswari	Assoc.Prof.	57233818100	27	11	4
5	Dr.N.Kalyani	Dean &Prof.	35423875300	25	13	3
6	Dr. Raghavender K.V.	Asst.Prof.	57444645100	14	5	3
7	Mrs. J. Padmavathi	Asst.Prof.	57191035152	12	1	1
8	Mrs. Y. Sravani Devi	Asst.Prof.	57200203680	11	4	3
9	Mr. G. Nagababu	Asst.Prof.	57211470275	8	4	2
10	Mr. T. Rajesh	Asst.Prof.	57211811034	5	2	1
11	Dr. G. Malini Devi	Assoc.Prof.	57163854900	3	2	1
12	Mrs. R. Pallavi Reddy	Asst.Prof.	57190184148	3	5	1
13	Mr. N. Venkateswarulu	Asst.Prof.	57982735300	3	3	1
14	Dr. Jayashree S Patil	Assoc.Prof.	57192376163	2	1	1
15	Mrs. R. Mamatha	Asst.Prof.	57343135100	2	2	1
16	Mrs. Ch. Swathi	Asst.Prof.	57940445300	2	3	1
17	Dr. P. Sunitha Devi	Asst.Prof.	57351954700	1	2	1
18	Mrs. D. Naga Swetha	Asst.Prof.	57210165664	1	3	1
19	Mrs. T. Divya Kumari	Asst.Prof.	57910002900	0	1	0

Table 5.8.1.17 Details of Google Scholar Citations

S.No.	Faculty Name	Designation	Google Scholar ID	Total Citations (As of Now)	Google scholar h index	Google scholar i10 index
1	Dr.M.Seetha	Dean R&D,Prof.	_iolxTAAAAAJ	623	13	22
2	Dr.A.Sharada	HoD & Prof.	X86ySUQAAAAJ	31	3	1

3	Dr.N.Kalyani	Dean &Prof.	9u6X-nMAAAAJ	92	6	4
4	Dr. G. Narendrababu Reddy	Asst.Prof.	mQpeiBwAAAAJ	80	5	3
5	Dr. Raghavender K.V.	Asst.Prof.	kByrICwAAAAJ	48	4	2
6	Dr. G. Malini Devi	Assoc.Prof.	hjXROM4AAAAJ	34	3	1
7	Mrs. Y. Sravani Devi	Asst.Prof.	tY-A5GkAAAAJ	26	3	0
8	Dr. P. Sunitha Devi	Asst.Prof.	t8Nb-iMAAAAJ	17	3	9
9	Mrs. R. Pallavi Reddy	Asst.Prof.	yRwSgmkAAAAJ	14	2	0
10	Mr. G. Nagababu	Asst.Prof.	pLqlJdgAAAAJ	11	2	0
11	Mrs. Ch. Radhika	Asst.Prof.	lE429MYAAAAJ	9	2	0
12	Dr. D.V. Lalita Parameswari	Assoc.Prof.	Xti8w40AAAAJ	7	2	0
13	Mr. N. Venkateswarulu	Asst.Prof.	R4siu-0AAAAJ	7	1	0
14	Mr. T. Rajesh	Asst.Prof.	hhpQN1MAAAAJ	5	1	0
15	Mrs. R. Mamatha	Asst.Prof.	j425z-8AAAAJ	4	1	0
16	Dr. Jayashree S Patil	Assoc.Prof.	smCaarYAAAAJ	3	3	0
17	Mrs. Bhageshwari Ratkal	Asst.Prof.	PzhbRKkAAAAJ&hl	3	1	0

The department of Computer Science & Engineering has **10** Doctorates, **16** faculty members registered and working towards their Ph.D. work in different universities. The details of Research Scholars Pursuing/Awarded Ph.D Under supervision of CSE Faculty are mensioned in Table 5.8.1.18.

Table 5.8.1.18: Number of Research Scholars Pursuing/Awarded Ph.D Under supervision of CSE Faculty

S.No	**Name of the Faculty**	**Ph.D guided/ph.D Awarded during the assessment period while working in the institute (A-Awarded, G-Guiding, C-Co Guiding)**			
		23-24	**22-23**	**21-22**	**20-21**
1	Dr. A. Sharada	C-2	C-2	C-2	C-2
2	Dr. M. Seetha	G-2 C-2	G-2 A-1 C-2	G-3 A-3 C-2	G-6 A-2 C-2

3	Dr. N. Kalyani	G-1 C-2	G-1 C-2	G-1 C-2	G-1
4	Dr.D.V.Lalita Parameswari	C-1	C-1	C-1	-
5	Dr. K.Venugopala Rao	--	G-3	G-3 A-3	G-6 A-2
Total No. of Research Scholars Awarded Ph. D: 11					
Total Guiding: 6					
Total Co-Guiding: 7					

Table 5.8.1.19 provides list of faculty members of the department who are acting as research supervisors in various universities and the details of scholars working under them. 5 Faculty are recognised as Guides and 24 Scholars are pursuing Ph. D during the assessment period.

Table 5.8.1.19 List of Faculty members who are guiding Ph.D scholars of various universities

S.No.	**Name of the Guide**	**PhD Scholars Title of the Thesis**	**Name of the scholar**	**Mon & Year of registration of the scholar**	**University under which Registration is done**	**Status of the Scholar**
1	Dr.D.V.Lalitha Parameswari	Design of Defence system for Side Channel Analysis Using Deep Learning Methodologies	Mrs. B.Indu Priya	Jan 2021	KLU, Hyderabad	Review-2 Completed
2	Dr.M.Seetha	Development of Data Analytical Framework for Effective Asset Management of Geo-Spatial data using Machine learning	Mrs.M.Laitha	Jan 2021	KLU, Vijayawada	Review -3 Completed
3	Dr.M.Seetha	Livestock Monitoring Based on IoT Using Machine Learning Algorithms for Prediction of Animal’s Behavioural Classification in Real-Time Manner	Mrs.Vasundhara RamiReddy	Aug 2020	KLU, Vijayawada	Review -2 Completed
4	Dr.M.Seetha	Detection and Conversion of Text in Video Using Multilayer Perceptron	Dr. K. Manasa Devi	Jul 2016	JNTUH	Awarded in 2023
5	Dr.M.Seetha	An Efficient Video Prediction By Clustering High Dimensional Datasets	Mrs D. Manju	Jul 2016	JNTUH	Awarded in 2022

6	Dr.M.Seetha	Investigation on Wireless Network Security	Mr.Gururaj H S	Aug 2008	JNTUH	Thesis Submitted
7	Dr.M.Seetha	Rough set based Classification Techniques for Hyperspectral Images	Dr.D.Naga Vasundhara	Nov 2011	JNTUH	Awarded in 2021
8	Dr.M.Seetha	Novel Cooperative Caching Mechanism for Improvement of Performance through cluster in MANETs	Dr.J.Sudha Rani	Nov 2011	JNTUH	Awarded in 2021
9	Dr.M.Seetha	Adaptive Energy Efficient Multicast Routing Protocol in MANETs.	Dr.N. Papanna	Nov 2011	JNTUH	Awarded in 2021
10	Dr.M.Seetha	Web Mining	Mr. M. Sridhar	Nov 2011	JNTUH	Thesis Submitted
11	Dr.M.Seetha	A Hybrid Scheme for Secure Routing in Mobile Networks	Mrs. V. Sesha Bhargavi	Sep 2010	JNTUH	Awarded in 2022
12	Dr.K.Venugopal Rao	Machine Learning	Dr.D. Pramod Krishna	Jun 2012	JNTUH	Thesis Submitted
13	Dr.K.Venugopal Rao	Machine Learning	Mr.T.Venkata Ramana	Jun 2012	JNTUH	Awarded in 2021
14	Dr.K.Venugopal Rao	Machine Learning	Dr K. Munivara Prasad	Jun 2011	JNTUH	Awarded in 2021
15	Dr.K.Venugopal Rao	Improved key generation and Encryption Mechanisms using Identity Based Techniques.	Dr . Ch. Ramesh	Nov 2011	JNTUH	Awarded in 2020
16	Dr.K.Venugopal Rao	Analysis of Student database using Data Mining	Mr. C. Sudhakar Reddy	Nov 2011	JNTUH	RRM-2 Completed
17	Dr.K.Venugopal Rao	Hybrid Clustering Approach for Time Series Data Stream	Mr.T.Rajesh	Nov 2011	JNTUH	Thesis Submitted
18	Dr.K.Venugopal Rao	An Approach to Anti-Plagiarism	Mr.K. Venkataramana	Sep 2010	JNTUH	Awarded in 2021
19	Dr.K.Venugopal Rao	Source Code Analyser for improving the source code Quality	Dr. Durga Bhavani	Sep 2010	JNTUH	Awarded in 2020
20	Dr.N.Kalyani	An Efficient Summarization of Citation Based Research Articles using Machine Learning	Mrs.R.Pallavi Reddy	Aug 2020	KLU	Review-4 Completed

21	Dr.N.Kalyani	Early Stage Disease Detection of Staple Food Crops Using Machine Learning	Mrs.Ch.Mandakini	Aug 2020	KLU	Review -4 Completed
22	Dr.N.Kalyani	A Novel Approach for Emotion Detection from Text Data	Mrs.T.Vandana	Jun 2016	KLU	RRM-2 Completed
23	Dr.A.Sharada	Optimizing Resource Allocation for The Effective Project Management	Mrs.R.Mamatha	Aug 2020	KLU	Working on thesis
24	Dr.A.Sharada	Efficient Resource Offloading in Multi-Access Edge Computing	Mrs.G.Varsha	Aug 2020	KLU	Review -2 Completed

Table 5.8.1.20 provides the list of faculty members of the department who were awarded Ph.D degrees during assessment period.

Table 5.8.1.20 List of faculty members awarded Ph.D. degrees during the assessment period

S. No.	**Name & Designation**	**Title of the thesis**	**University & Date of Completion**
1	Dr. T. Rajesh Asst. Prof.	Hybrid clustering approach for time series data stream	JNTUH 06/03/2024
2	Dr. Jayashree Patil Assoc. Professor	Security Monitoring and Surveillance for Mobile Ad Hoc Network Routing Algorithms	JNTUH 19/08/2023
3	Dr. P. Sunitha Devi, Asst. Prof.	Enhancing Naturalness Using Weighted Kullback Leibler Method and Optimal Minimum State Space Tree for Telugu Text to Speech System	JNTUH 08/02/2023
4	Dr. G. Narendra Babu Reddy Asst. Prof.	Multi-Objective Task scheduling in Cloud Computing using Nature-inspired optimization Algorithms	Gitam University 7/12/2021

Table 5.8.1.21 provides list of faculty members of the department who were registered for Ph.D degree in different universities and their status of research work.

Table 5.8.1.21 List of Faculty who have registered for Ph.D Programme in various university

S No	Name of Faculty Member & Designation	Date of Registration & Registering University	Tentative Title	Supervisor & Co-Supervisors, Designations	Present status	Area/ Domain of Specialization
1	Mrs. T. Divya Kumari Asst. Prof.	28-07-2016 JNTUH	Deep Learning approach for Code retrieval using Semantic Search	Dr. T Venugopal, Prof. JNTU Jagityal	Thesis Submitted	Deep Learning
2	Mr. G. Nagababu Asst. Prof.	11-01-2018 KLU	An Efficient quantum Integrity based multi-user encryption framework for heterogeneous cloud databases	Dr. V. Krishna Reddy, Prof. / Dr. S. Srithar, Prof.	6- Reviews Completed	Cloud computing
3	Mrs. Y. Sravani Devi Asst. Prof.	23-06-2018 GITAM Deemed University Hyderabad	Retinal Image synthesis and classification using Data Augmentation and Transfer Learning Techniques	Dr. S. Phani Kumar, Prof., GITAM	Pre-talk Completed	Deep Learning
4	Mrs. S. Sandya, Asst. Prof.	15-7-2019 KLU	Performance evaluation of ensemble models on security data	Dr. M. Anusha, Assoc. Prof. KLU	4- Reviews Completed	Cyber Security
5	Mrs. D. Naga Swetha, Asst. Prof.	15-7-2019 KLU	A Fully Multi-Keyword Search Based Multiuser Access Control Mechanism for Cloud Encrypted Datasets	Dr. S. Balaji, Prof., KLH	6- Reviews Completed	Cloud computing
6	Mrs. J. Padmavathi, Asst.Prof.	15-07-2019 KLU	Classification of Imbalanced massive datasets	Dr. B. Vijay Kumar, Prof, KLU	Course work Completed	Machine learning, Big Data
7	Mrs. Ch. Mandakini, Asst. Prof.	04-08-2020 KLU	A Novel Approach for the Evaluation of Fine Motor Skills in Children through Handwriting Analysis using Machine Learning	Dr. M. Saidi reddy, Asst. Prof., KLH Dr. N. Kalyani, Dean(I&I) & Prof.	4- Reviews Completed	Machine learning
8	Mrs. R. Pallavi Reddy, Asst. Prof.	04-08-2020 KLU	Design and Develop a deep learning model towards screening of abnormalities in speech among pre adolescents	Dr. P. Lalitha Surya Kumari, Prof. Dr. N. Kalyani Dean(I&I) & Prof.	4- Reviews Completed	NLP and ML
9	Mrs. R. Mamatha, Asst. Prof.	04-08-2020 KLU	Optimizing Resource Allocation for The Effective Project Management Using Deep Learning Techniques	Dr. P. Lalitha Surya Kumari, Prof. Dr. A. Sharada, HoD & Prof.	5- Reviews Completed	Software Engineering, Machine Learning

10	Mrs. M. Lalitha, Asst. Prof.	20-1-2021 KLU	Development of Data Analytical Framework for Effective Asset Management of Geo-Spatial data using Machine learning	Dr. Sarma, Assoc. Prof.,KLU Dr. M. Seetha, Dean(R&D) & Prof.	3- Reviews Completed	Image processing and DL
11	Mr. N. Venkateswarulu, Asst. Prof.	20-1-2021 KLU,	Early prediction of Diseases based on EHR Data using Machine Learning Models	Dr. P. Pavan Kumar, Asst. Prof., KLH Dr. O Obulesu, Assoc. Prof. & HoD	1- Review Completed	AI and ML
12	Mrs. Ch. Radhika, Asst. Prof.	12-04-2022 JNTUH	An efficient feature extraction methodology from Remote Sensing images using deep learning techniques	Dr. Sammual P, Prof. JNTUH	Course work in Progress	Image processing and DL
13	Mrs. Ch. Swathi, Asst. Prof.	12-04-2022 JNTUH	Design and implementation of an efficient architecture for hybrid cloud	Dr.K.Suresh Babu, JNTUH	Course work in Progress	Cloud Security
14	Mr. B. Vamshi, Asst. Prof.	30/09/2023 KLU	Cloud Computing Security	Dr. G. Ramu, Prof, KLH	Course work in Progress	Cloud computing
15	Mrs. J. Srilatha, Asst. Prof.	20/02/2023 AU, Chennai	Machine Learning	Dr. B. Gnana Priya, Prof, AU, Chennai Dr. K. Prasanna, Assoc. Prof.	Course work in Progress	Machine Learning
16	Mrs.Bhageshwari Ratkal, Asst. Prof.	01/02/2024, Visvesvaraya Technological University, Belgavi	Transforming Lives through Immersive Technologies, The Potential of Avatar and ARVR in enhancing Well being of Bedridden Patients and Physically Challenged Individuals	Dr.Shailaja, Assoc.Prof.	Registered	Augmented Reality/Virtual Reality

5.8.2 Sponsored Research (20)

Institute Marks : 20.00

2022-23 (CAYm1)

Project Title	Duration	Funding Agency	Amount(in Rupees)
AICTE Sponsored 6th Inter	18th & 19th Nov 2022	AICTE- Grant for organizin	346619.00
			Total Amount(X): 346619.00

2021-22 (CAYm2)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Low Cost Mechanism for E	3 years	DST-SEED (TIDE)	3700410.00
Portable Retinal Imaging D	2 years	Device Development Progr	2114309.00
Predictive Analytics and Bu	3 Months	Electronics & ICT Academy	55000.00
Deep Learning and AI Appl	3 Months	Electronics & ICT Academy	55000.00
			Total Amount(Y): 5924719.00

2020-21 (CAYm3)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Modernization of Labs to S	2 Years	AQIS-MODROBS (AICTE)	717647.00
			Total Amount(Z): 717647.00

Cumulative Amount(X + Y + Z) = 6988985.00

5.8.3 Development activities (15) Institute Marks : 15.00

A. Product Development

The faculty members at the CSE department actively contribute to our R&D endeavours, infusing expertise and passion into the research ecosystem. Through collaborative projects, publications, and mentorship, they shape the academic landscape, fostering a culture of inquiry. These are the products developed by CSE department students under different centre of Excellences. Faculty Feedback System was developed by CSE Department and used throughout the College till date.

The following is the list of prototypes developed at the CSE department.

S. No	Academic Year	No. of Products developed
1	2022-2023	24
2	2021-2022	22
3	2020-2021	26

Academic Year 2022-2023

S.No	Product Title
1	Water Quality Monitoring using Image Processing and Neural Networks
2	Question Paper Generator System Using Natural Language Processing
3	Melanoma Cancer Detection Using Deep Learning Methods
4	Evaluation of Deep Learning models for Fake News Detection
5	Diabetic Retinopathy Classification Using Deep Learning
6	Comparision of Various Deep Learning Models for Plant Disease Detection and Organic Solutions
7	Comparitive Analysis of Object Detection using MobileNet and YOLO V4 Models
8	Diagonosis of Brain Tumors as Benign or Malignant using Image Processing and Deep Learning Techniques
9	Intelligent Deep Learning based Pothole Detection and Alerting System
10	A Transfer learning approach to detection of glaucoma disease
11	Classroom attendance System Using Face recognition
12	Multimodal based Alert Generation System for Stress Detection
13	Prediction of cardio vascular Disease Using Deep Learning Techniques

14	Enhancement of low resoulution images using ANN
15	Detection of Dysarthria from speech
16	Prediction of BMI from facial image using Deep Learning
17	we-saw-stress analyzer in women
18	Inclusiveness of hearing-impaired children in schools using Avatar
19	Soil Fertility analysis using IoT
20	Screening of Dysgraphia among children using machine learning
21	Early stage detection of PCOS using machine learning
22	Glucose Monitoring using Deep Learning techniques.
23	Implementation of virtual mouse for pupil detection.
24	Detection of Stuttering behaviour using ML Algorithms

Academic Year (2021-2022)

S.No	Product Title
1	Stress Detection based on multi modal data for a classroom environment using deep learning and depth-sense camera
2	Happiness Index and Intellectual well-being of students using Sentiment Analysis.
3	Smart Assistance for Specially Abled
4	Brain Tumor Detection Using Machine Learning Techniques
5	River Stream Identification using Deep Learning Techniques
6	Auotmated detection of breast cancer from Mammogram images using Deep Learning
7	Interview supporting system using facial features
8	Recognition of Daily Sounds through Smart Bulb to Support Elderly
9	Detection of Genetic Retinal Diseases in Pediatric Age
10	Retinal Image Synthesis for Glaucoma Assessment using GANs and Traditional Augmentation Methods
11	Recommendation system for personalised outfit designing
12	Automatic Multiple Reminders Generation System using Natural Language Processing

13	Contactless Respiratory Monitoring using Depth Sensing Cameras
14	InterviewPrepApp: Your Companion for Interviews
15	Assistive Device for Elderly and Differently Abled People
16	InterviewPrepApp: Your Companion for Interviews
17	Automated Interview Assessment System
18	Early Prediction of Healthcare Diseases using Machine Learning Techniques
19	Classification of fundus images captured using a portable smartphone-based retinal imaging system, D-EYE
20	Yoga And Raga Exhortation And Supervision System
21	Swasth Lungs
22	WECARE(Wearables for Classroom Anxiety Revelation)

Academic Year (2020-2021)

S.No	Product Title
1	Identification of Glaucoma in Retinal Images
2	IOT Based Real Time Smart Agricultural Irrrigation System Integrated With ML Techniques Using IBM WATSON
3	Maldeep:A Deep Learning-Based Approach to Detect Malicious Code Variants
4	Mask Detectors Using AI Techniques
5	WhatsApp Messenger Forensic Analysis Based on Android
6	Anti-Theft Detection and Protection in Vehicles Using Facial Recognition and IOT Notification
7	Smart Waste Segregation Bin
8	Liver Tumor Prediction and Analysis Using ML Techniques
9	Purchase Intent Prediction and Analysis using social media
10	Prognosis of Cardiac Disease using Bio-Inspired Algorithms
11	Detection of Non-Helmet Riders and Extraction of License Plate Number using YoloV2 and OCR Method
12	A Novel Multimodel Image Fusion framework for perceptual enhancement of Clinical Diagnosis

13	Tourism based Hybrid Recommendation System using Big data and Deep Learning Techniques
14	Malaria Parasite Detection Using Transfer Learning
15	Credit Card Fraud Detection
16	A “Stegacrypt” approach To Triple level data security
17	Virtual Therapist
18	Identification Of Handwritten Numbers Using Machine Learning
19	A Machine Learning approach for Intelligent Crop Prediction
20	Threat Mitigiation and Data Analysis of Network Traffic
21	SeizSafe- Machine learning approach for epileptic seizure detection
22	Surface Crack Detection
23	Track & Go: A Location Prediction Web Application Using Google Maps API
24	Voice Based Structured Query Generation Using NLP
25	Product to support Elderly and Disabled for recognizing and responding to daily sounds through Color Depiction and Gestures
26	Interactive Tool for Standard Data Collection to Support Research in Screening of Developmental Disorders

Some of Products are shown below:

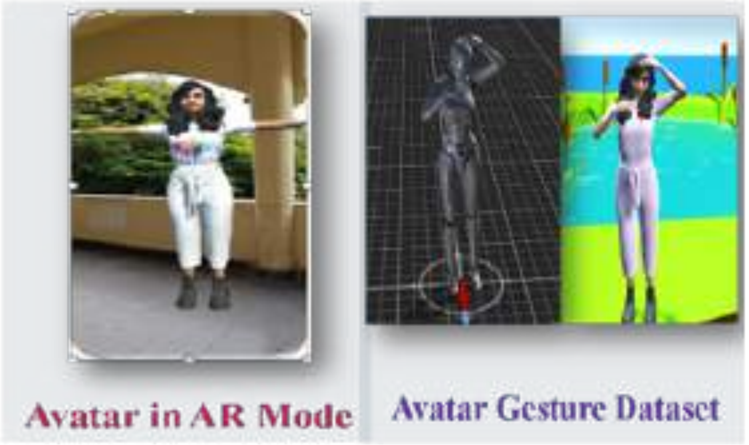


Figure 5.8.4.1: Social communication through Gestures

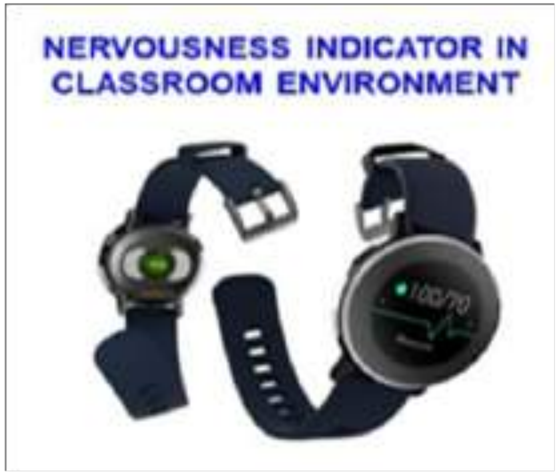

NERVOUSNESS INDICATOR IN
CLASSROOM ENVIRONMENT
100/70

Figure 5.8.4.2: Nervousness Indicator in Classroom Environment

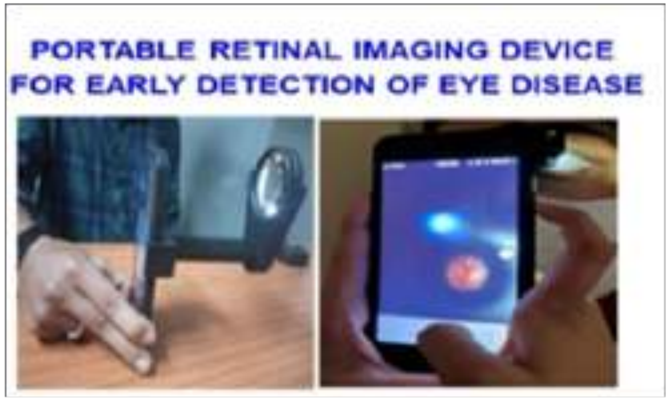

PORTABLE RETINAL IMAGING DEVICE
FOR EARLY DETECTION OF EYE DISEASE

Figure 5.8.4.3: Portable Retinal Imaging Device for Early Detection of Eye Disease

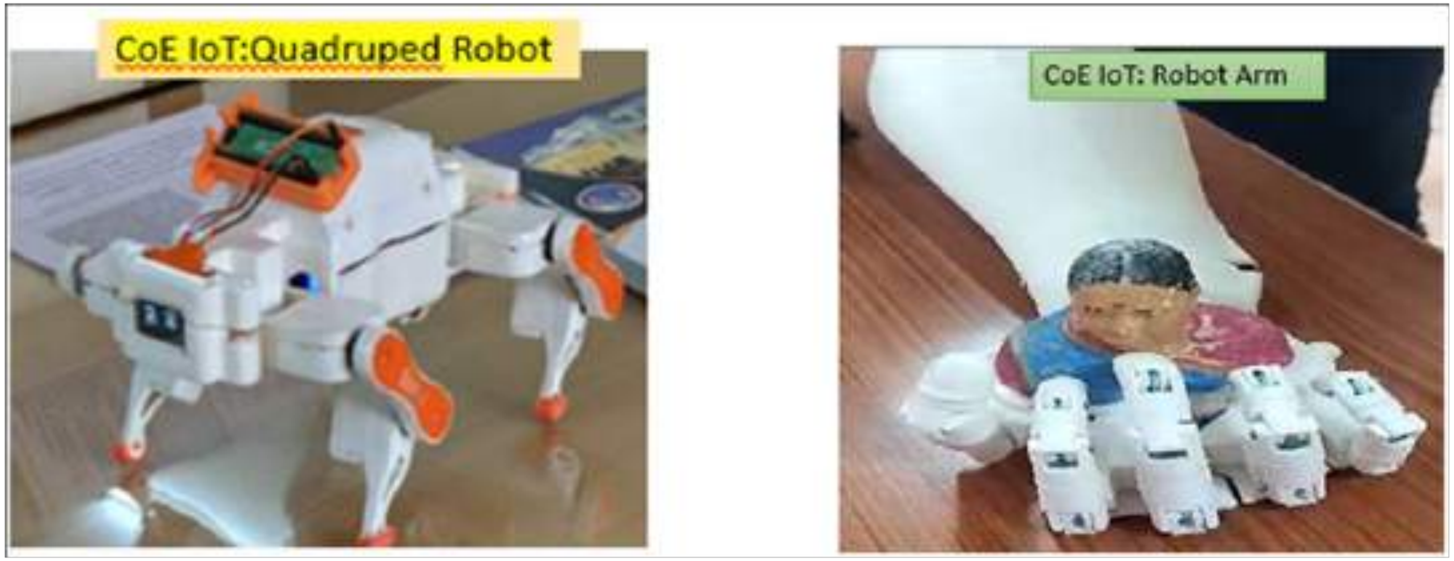

CoE IoT:Quadruped Robot
CoE IoT: Robot Arm

Figure 5.8.4.4: Quadruped Robot & Robot Arm

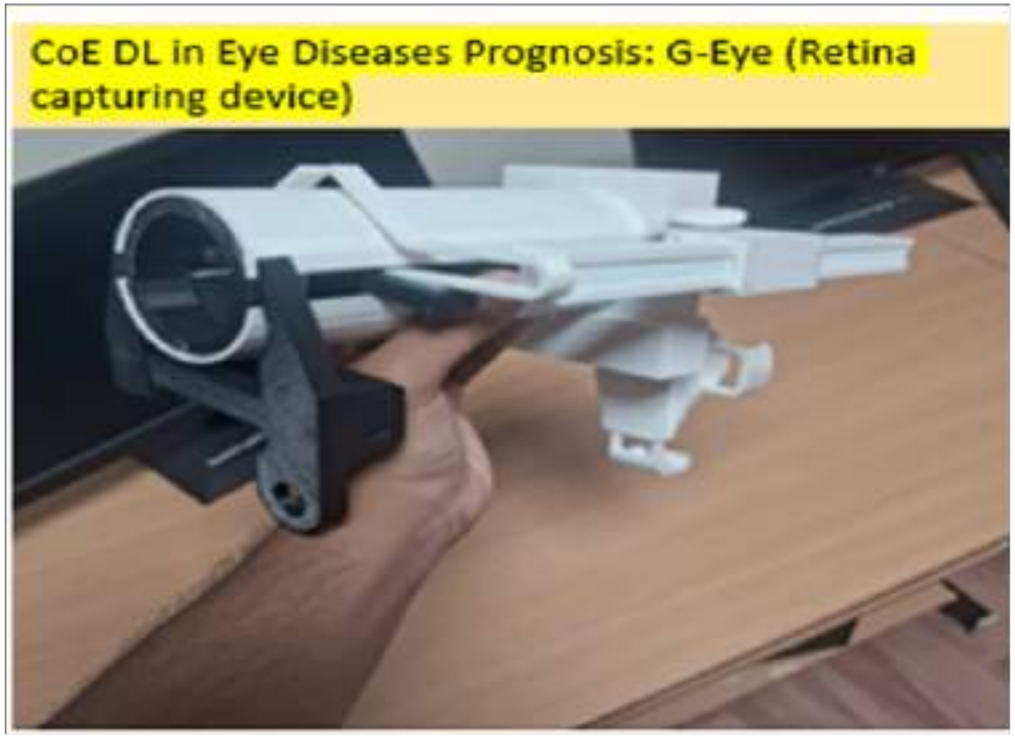

CoE DL in Eye Diseases Prognosis: G-Eye (Retina capturing device)

Figure 5.8.4.5: G-Eye(Retina capturing Device)

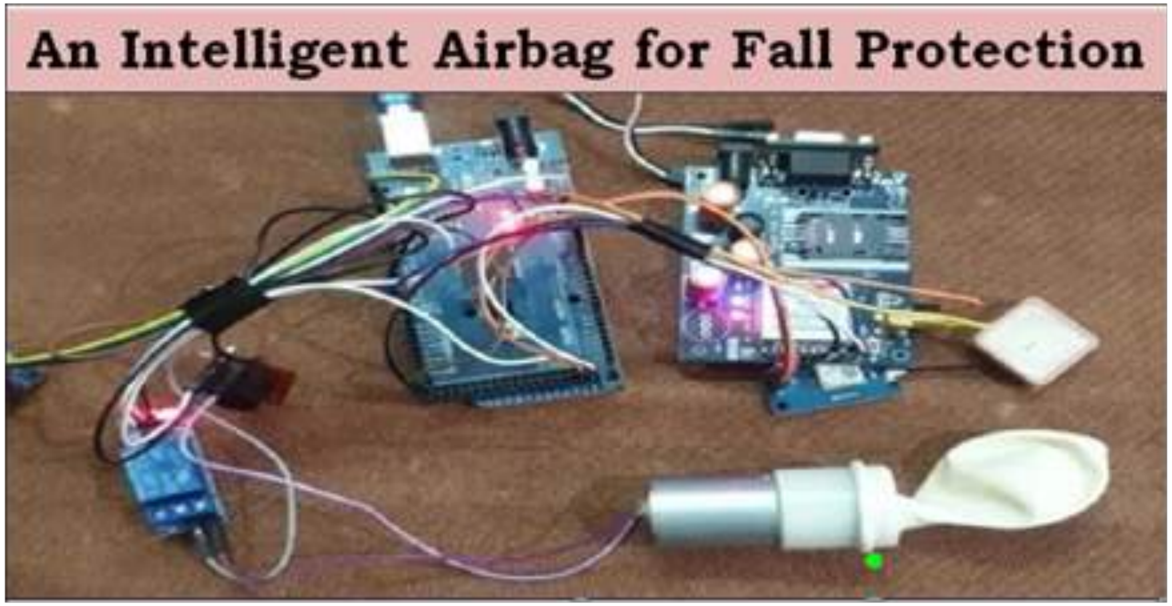

An Intelligent Airbag for Fall Protection

Figure 5.8.4.6: An Intelligent Airbag for fall protection

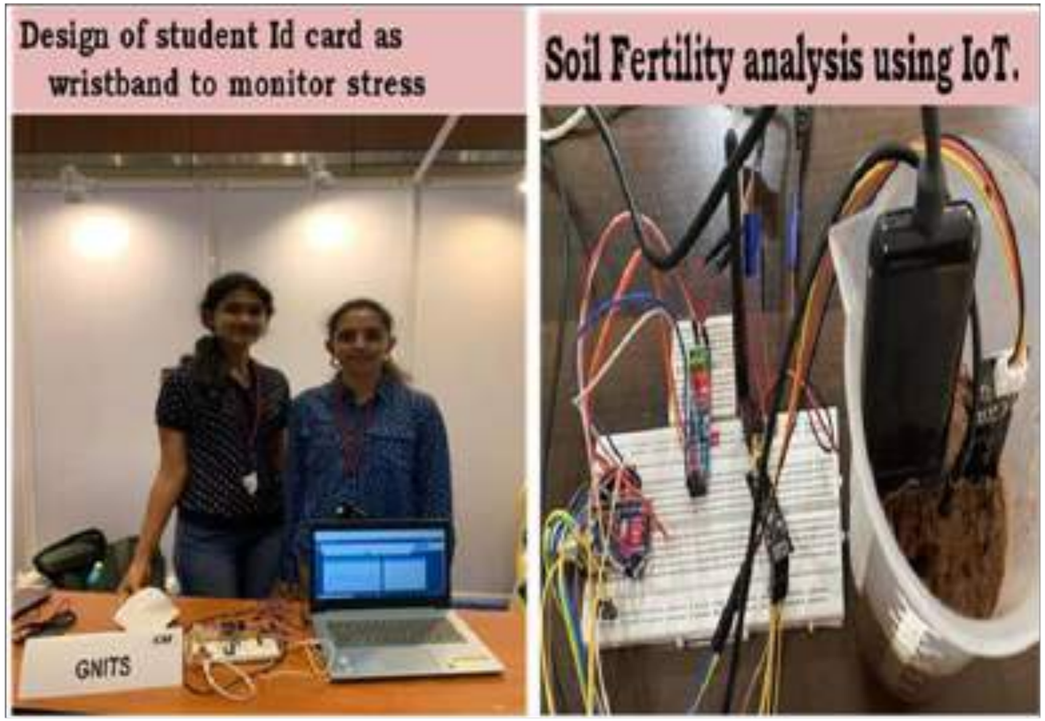

Design of student Id card as wristband to monitor stress
GNITS
Soil Fertility analysis using IoT.

Figure 5.8.4.7: Wristband and Soil Fertility Analysis

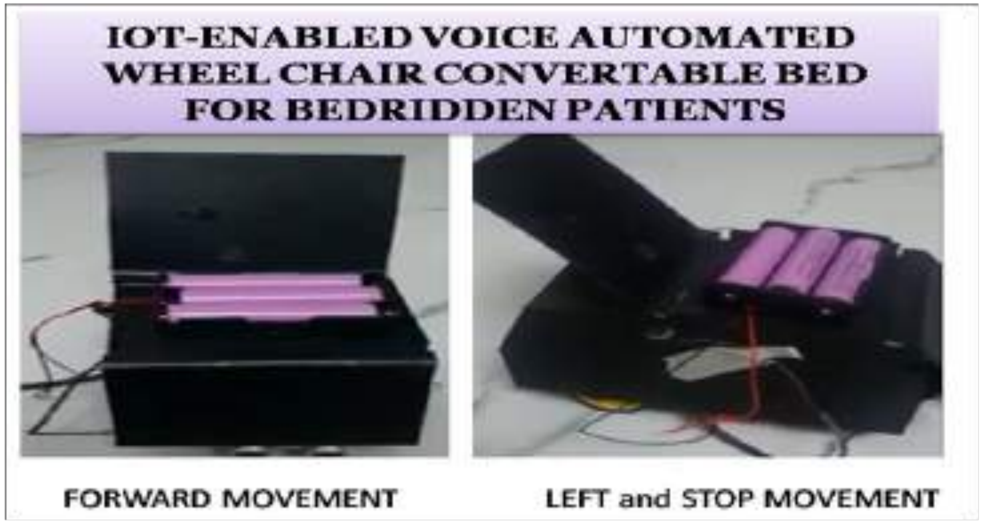

IOT-ENABLED VOICE AUTOMATED WHEEL CHAIR CONVERTABLE BED FOR BEDRIDDEN PATIENTS
FORWARD MOVEMENT
LEFT and STOP MOVEMENT

Figure 5.8.4.8: Voice automated Wheel Chair

List of Products along with links to product Videos are**:**

Product	Link
Gesture Controlled Voice Assistant For Deaf And Elderly	https://www.youtube.com/watch?v=JOncF6zJ1Zs (https://www.youtube.com/watch?v=JOncF6zJ1Zs)
Dataset generation using portable devices to develop dl models for eye disease detection	https://www.youtube.com/watch?v=9xuRoVteytY (https://www.youtube.com/watch?v=9xuRoVteytY)
Happiness Index and Mental well-being of students during pandemic using Machine Learning Algorithms	https://www.youtube.com/watch?v=MzEq6kfc2Kc (https://www.youtube.com/watch?v=MzEq6kfc2Kc)
Determination of happiness index of teachers during Covid	https://www.youtube.com/watch?v=MzEq6kfc2Kc (https://www.youtube.com/watch?v=MzEq6kfc2Kc)
Color Depiction for daily sounds	https://www.youtube.com/watch?v=RRQUa0KdOG8 (https://www.youtube.com/watch?v=RRQUa0KdOG8)

For deatils list of products refere the link https://www.gnits.ac.in/student-magazines/ (https://www.gnits.ac.in/student-magazines/)

B.Research Laboratories

In order to establish and develop Research & Innovative Eco system, CSE Department is identifying various societal needs and submitting proposals to funding agencies on continuous basis. Irrespective of funding, the project proposals are being executed as student projects both at B.Tech and M.Tech under various Center of Excellence and Research Centers. The Department of Computer Science & Engineering has **FOUR** center of excellences and **THREE** research centers. This will help the faculty and students develop R&D capabilities.

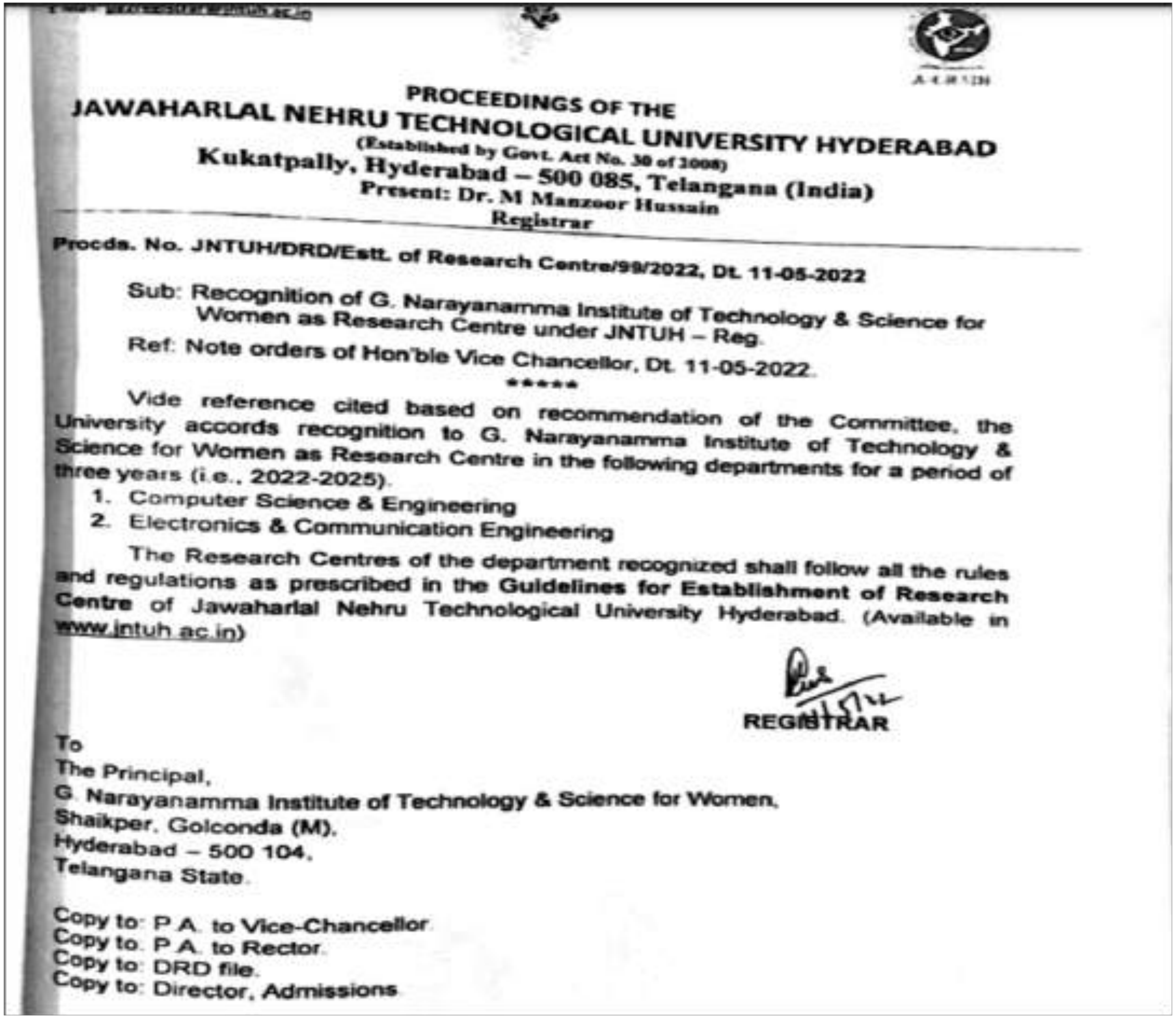
The outcomes of various research activities are:

S.No	Name of Center	No. of Projects	Proposals	Patents	Journal/ Conference Publications
	Center of Excellences				
1	CoE for Deep Learning in Eye Diseases Prognosis	46	05	02	17

2	CoE for Advanced Research in AI	25	11	02	19
3	IoT enabled Center of Excellence	23	7	6	8
4	AR-VR CoE	11	01	01	04
	Research Centres				
1	Center for Assistive Technology	54	07	02	23
2	Center for Data Analytics	11	02	03	20
3	Center for Cloud Computing	05	-	-	06
Total		**91**	**28**	**16**	**75**

Research Center Recognized by JNTUH:

The Department of Computer Science & Engineering is recognized as Research Center of Jawaharlal Nehru Technological University Hyderabad, for offering Ph.D. programs:



PROCEEDINGS OF THE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana (India)

Present: Dr. M Manzoor Hussain

Registrar

Procds. No. JNTUH/DRD/Estt. of Research Centre/99/2022, Dt. 11-05-2022

Sub: Recognition of G. Narayanamma Institute of Technology & Science for Women as Research Centre under JNTUH – Reg.

Ref: Note orders of Hon'ble Vice Chancellor, Dt. 11-05-2022.

*****

Vide reference cited based on recommendation of the Committee, the University accords recognition to G. Narayanamma Institute of Technology & Science for Women as Research Centre in the following departments for a period of three years (i.e., 2022-2025).

1. Computer Science & Engineering
2. Electronics & Communication Engineering

The Research Centres of the department recognized shall follow all the rules and regulations as prescribed in the **Guidelines for Establishment of Research Centre** of Jawaharlal Nehru Technological University Hyderabad. (Available in www.jntuh.ac.in)

11/5/22

REGISTRAR

To

The Principal,

G. Narayanamma Institute of Technology & Science for Women,

Shaikper, Golconda (M),

Hyderabad – 500 104,

Telangana State.

Copy to: P.A. to Vice-Chancellor

Copy to: P.A. to Rector.

Copy to: DRD file.

Copy to: Director, Admissions

Centre of Excellence at CSE Department:

1. Deep Learning in Eye Diseases Prognosis

The centre of excellence Deep Learning provides facilities to both faculty and students. This CoE gives skilling, launching products, cutting edge research, generation of funds, proactive outreach to industry and community. It was established in the year 2019.

This CoE initiates the detection of eye diseases like diabetic retinopathy, age related macular degeneration, glaucoma and cataract are important as there is a high risk of vision loss with growing age.

Configuration:

1. ODOC NUN Fundus Capturing Device with cost 2,43,019.00/-.
2. D-Eye Fundus capturing device for iPhone 6 Plus / 6s Plus with cost 68,540/-.
3. Snapmaker 2.0 A350, Snapmaker Rotary Module, Snapmaker A350 3D Printer Enclosure with cost 2,75,000/-.
4. Dataset from AIMERS+labelling with cost 5,00,000/-.
5. DR, Glaucoma and ARMD datasets from LVPEI datasets 1,00,000/-.
6. GPU Server worth 12 Lakhs.

Outcome of the CoE DL:

1. Two DST projects were sanctioned under this CoE, faculty and students both are working under this project.

S. No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Cost of Projects (in Rupees)	Duration	Sanctioned Id

1.	Department of Science & Technology- Device Development Scheme	PIs-Dr.M. Seetha & Dr.N. Kalyani C0-PIs: Mrs.Y Sravani Devi & Mrs. V.Divya Raj	Portable retinal imaging device for early detection of eye diseases.	Oct 2021	21,14,309/	2 years	DST/ TDTDDP/-42/2021
2	Department of Science & Technology- TIDE	PIs-Dr.M. Seetha & Dr.N. Kalyani C0-PIs: Mrs.Y Sravani Devi, Dr.D V L Parameswari & Mrs. T Swapna	Low-Cost Mechanism for Early Detection of Eye Diseases (Glaucoma) in Elderly.	Mar 2022	37,00,410/	3 years	SEED/TIDE/ 2019/114

Name of Center	**No. of Projects**	**Proposals applied**	**Patents**	**Journal/ Conference Publications**
CoE for Deep Learning in Eye Diseases Prognosis	46	05	02	17

2. Center of Excellence for Advanced Research in Artificial Intelligence:

COMPILER DESIGN LAB
MACHINE LEARNING LAB
COMPUTER LAB - 2
C101
CENTER OF EXCELLENCE FOR ADVANCED RESEARCH IN AI

Artificial Intelligence and Machine Learning, along with their associated technologies, have seamlessly integrated into our everyday existence. Recognizing the immense potential and the global gold rush surrounding these advancements, the Department of Computer Science and Engineering (CSE) at GNITS took a proactive step in 2020 by establishing the Artificial Intelligence and Machine Learning Centre of Excellence. The primary objective of this center is to enhance student’s skills in the realm of Artificial Intelligence and Machine Learning, leveraging Python technology.

Configuration:

1. Super Micro Workstation 5049A-T Server

Processor :1x CLX-SP 4216 16C/32T 2.1G 22M 9.6GT

RAM:2 x 32GB DDR4-2933 2RX4 LP ECC RDIMM

HDD 1 x Seagate 3.5" 1TB SATA 6Gb/s 7.2K RPM Cache 256MB

GPU: GPU-1 x NVIDIA RTX6000 24GB

DVD :16X DVD-ROM Drive

2. HP LaserJet M438NDA Printer

Print / Scan / Copy / DADF

22 PPM

Outcome of the CoE AI:

1. List of Proposals Granted:

S.No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Cost of Projects (in Rupees)	Duration	Sanctioned Id
1	**GNITS-SEED**	**PI'S:** **Dr. D.V. Lalitha Parameswari** **Dr. G. Malini Devi** **Co-PI'S:** **Mrs.Ch. Radhika** **Mrs.M. Lalitha**	**A framework for Automatic Feature Extraction and Detection of River Networks**	**Dec' 2023**	**1,09,000/-**	**1 Year**	**GNITS/ R&D/ SEED/ 2023/01**

Name of Center	No. of Projects	Proposals applied	Patents	Journal/ Conference Publications
CoE for Advanced Research in AI	25	11	02	19

3. IOT Enabled Centre of Excellence

INTERNET OF THINGS LAB
OPERATING SYSTEMS & MICROPROCESSOR LAB
COMPUTER NETWORKS LAB
WEB TECHNOLOGIES LAB
COMPUTER LAB - 3
C102
Mr. T. RAJESH Asst. Prof M.Tech.
Mr. N. VENKATESWARULU Asst. Prof M.Tech.
IOT ENABLED CENTRE OF EXCELLENCE FUNDED BY AICTE & ASSOCIATED WITH SMART BRIDGE PVT. LTD

GNITS established the Centre of Excellence for the Internet of Things with the AICTE MODROBS Fund in the CSE Department in 2017. This lab is set up with MOU in association with Smart Bridge educational institutions. A Centre of Excellence (CoE) dedicated to the Internet of Things (IoT) typically serves as a specialized hub within an organization focused on advancing and optimizing IoT-related initiatives. The primary objective of an IoT Centre of Excellence is to facilitate innovation, research, development, and deployment of IoT technologies to drive business value. The centre was established to upgrade the skills among students that eventually lead to innovation in the technology areas and the development of smart systems with commercial value.

Configuration:

1. Intel Modules Real Sense Depth Camera D435, D415 RoHS Compliant, Nvidia Jetson Nano, Jetson TX2 Developer Kit Board and D-EYE & Diy Drone Cam with cost 2,23,112/-.
2. IoT Sensors with cost 83,111,44/-.
3. IoT Development Kits BOM with cost 1,74,583/-.
4. SD Cards & Cables with cost 49,290/-.
5. IoT Sensors BOM with cost 30,218/-.
6. Actuators BOM with cost 14,838/-.
7. Display Boards BOM with cost 13,446/-.
8. Lab Instruments & Components BOM with cost 18,531/-.

Outcome of the CoE IoT:

List of Proposals Granted:

S. No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Cost of Projects (in Rupees)	Duration
1	SEED	Mrs. T. Divya Kumari, Mrs. M. Anusha	An Intelligent Air Bag for Fall Protection	December, 2023	Rs. 35,000/-	1 Yr

Name of Center	No. of Projects	Proposals applied	Patents	Journal/ Conference Publications
IoT enabled Center of Excellence	23	6	6	8

4. AR – VR Centre of Excellence

AR-VR
"CENTRE OF EXCELLENCE"
CYMAX
GNITS
COMPUTER LAB-1
DATA MINING LAB
AR - VR
CENTRE OF EXCELLENCE

AR – VR Centre of Excellence is established in July 2022 to create a state-of-the-art research, development, and testing centre exclusively for augmented and virtual reality (AR/VR) applications. The primary emphasis within this Centre of Excellence (CoE) is on educational initiatives, utilizing AR/VR solutions to enhance classroom interactions and democratize learning opportunities at every educational level. Our overarching goals encompass the exploration of technology in novel and captivating manners, the development of secure training initiatives, the enhancement of educational methodologies, and the creation of exceptional applications to enrich the overall virtual and augmented reality experience.

Configuration:

1. Lenovo NEO50 - Intel core i5, 16GB RAM, 512 GB SSD 4 quantity with cost Rs. 2,43,978 /-.
2. Open-Source Unity Software.
3. Oculus VR headset-256GB.

Outcome of the CoE AR-VR:

List of projects Submitted:

S.No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Duration	Sanctioned Id
1	AICTE-ATAL FDP	Dr.A.Sharada Mrs.Bhageshwari Ratkal Mrs.R.Mamatha	Breaking Barriers with VR: Enhancing Healthcare for Senior Citizens and Persons with Disabilities	Sep- 2023	6 days	submitted

Name of Center	No. of Projects	Proposals applied	Patents	Journal/ Conference Publications
AR-VR CoE	11	01	01	04

Research Centres at CSE Department:

1. **Centre of Assistive Technology:**

CENTRE FOR
ASSISTIVE
TECHNOLOGY
COMPUTER LAB - 4
Dr. P. SUNITHA DEVI
Asst. Prof. Ph.D
DESIGN AND ANALYSIS OF
ALGORITHMS LAB
DATABASE MANAGEMENT SYSTEMS LAB
C103

The Centre of Assistive Technology, established in 2018, is a dynamic hub dedicated to advancing accessibility and inclusivity through innovative technological solutions. Committed to community outreach and education, the centre raises awareness about the importance of accessibility in technology and adapts its programs to develop devices, which help elderly, mental health issues in rural women and screening development disorders in children. Through collaborative research initiatives, the centre has submitted proposals to various funding agencies and developed prototypes resulting in patents and publications.

Configuration:

1. Intel Modules Real Sense Depth Camera D435 RoHS Compliant.
2. Intel Modules Real Sense Depth Camera D415 RoHS Compliant.
3. LENOVO NEO50S Computer Systems.
4. LENOVO THINKCENTRE Computer Systems.

Outcome of the RC- AT:

1. **List of Proposals sanctioned:**

S.No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Cost of Projects (in Rupees)	Duration	Remarks
1	SEED Grant	Dr.A.Sharada Dr.M.Seetha	Automatic Early Stress Detection System for Class Room Environment based on Multimodal data	Oct, 2019	Rs 235000/-	2 years	Sanctioned
2	BTBP	Dr.A.Sharada Dr.M.Seetha	Early stress detection using Facial expression	Mar,2019	Rs 3 lakhs	1 years	Sanctioned

Name of Center	No. of Projects	Proposals applied	Patents	Journal/ Conference Publications
Center for Assistive Technology	**54**	**07**	**02**	**23**

2.Centre of Data Analytics:

CENTRE FOR
DATA
ANALTYTICS

Facilities of Data Analytics, established in 2021 is a research centre dedicated to advancing the frontier of data analytics, fostering innovation, and addressing complex challenges in the ever-evolving landscape of information and technology. Our multidisciplinary approach brings together experts from various fields to explore, develop, and apply state-of-the-art techniques in data analytics.

The primary mission of the Data Analytics centre is to drive transformative discoveries and solutions through the exploration and analysis of vast and diverse datasets. By leveraging advanced methodologies and technologies, the research centre aims to unlock actionable insights that empower decision-makers across industries, thereby contributing to societal progress and technological advancement.

Configuration:

Computer Systems:

1. Lenovo Thinkcenter NEO 50S GENS Desktop (SFF) Core 15-12400/16GB RAM 512GB SSD/KB & Mouse.
2. **Printer:**

   CANON LABP2900B Laser Printer (NMBA278179).

3. **Projector:**

   Casio XJV1 Projector.

Outcome of the RC- DA:

Name of Center	No. of Projects	Proposals applied	Patents	Journal/ Conference Publications
Center for Data Analytics	11	02	03	20

3 Centre of Cloud Computing

The Centre of Cloud Computing, established in 2021, encapsulates an organizations strategic approach to leveraging cloud technologies for enhanced operational efficiency, scalability, and innovation. This outlines key facets such as services offered, infrastructure, security measures, and the organizations commitment to meeting evolving business needs. To revolutionize organizational operations and technological landscapes by harnessing the power of cloud computing. Our mission is to provide scalable, secure, and innovative cloud solutions that empower businesses to thrive in the digital era. We are committed to delivering cutting-edge services, fostering collaboration, and ensuring the seamless integration of advanced technologies to drive efficiency, flexibility, and sustainable growth for our clients.The centre provides training programs and workshops that enhances the skills of students and faculty members in the field of Cloud Computing. Through collaborative research initiatives, the centre has submitted proposals to various funding agencies and published the papers in reputed journals.

CENTRE FOR
CLOUD COMPUTING

Configuration:

1. Computer systems - HP Pro 280G2 Desktop, Intel Core i3-6100 6th Generation Processor. 4GB RAM / TB HDD / DOS / 18.5” Monitor / Keyboard / Mouse
2. Cisco 24 port switch
3. D-Link 16 Port Switch

Name of Center	**No. of Projects**	**Journal/ Conference Publications**
Center for Cloud Computing	05	06

C. Instruction Materials

The following is the list of lab manuals (R22) developed by CSE department faculty and utilized by the students for their academic purpose.

S.No	Year &Sem	Lab Subject	Faculty Name
1	I-I	Programming Lab	Mrs. V. Divya Raj Mrs. T. Swapna
	I-II	Data Structures Lab	Mrs. V. Divya Raj Mrs. J. Gnana Prasuna
2	II-I	Database Management System Lab	Mrs. J.Padmavathi Mrs. Ch. Swathi
		IT Workshop Lab	Mrs. A. Deepthi Mrs. B. Spandana Mrs. G. Sandhya
3	II-II	Object Oriented Programming through Java Lab	Mrs. Ch. Mandakini Mrs.Bhageshwari Ratkal
		Operating Systems & Micro Processor Lab	Mrs. R. Mamatha Mrs.Ch. Radhika
4	III-I	Computer Networks Lab	Mr. Ch Sudharshan Reddy Mrs. D. Naga Swetha Mr. G. naga Babu
		Machine Learning Lab	Mr. N. Venkateswarulu Mrs.M. Anusha
		Full Stack Development Lab	Mrs. T. Divya Kumari Mrs. K. Gnana Prasuna
5	III-II	Computer Vision and Pattern Recognition LAB	Dr. D.V. LalitaParameswari Dr. G. Malini Devi

D.Working Models

Some of the working models are shown below:

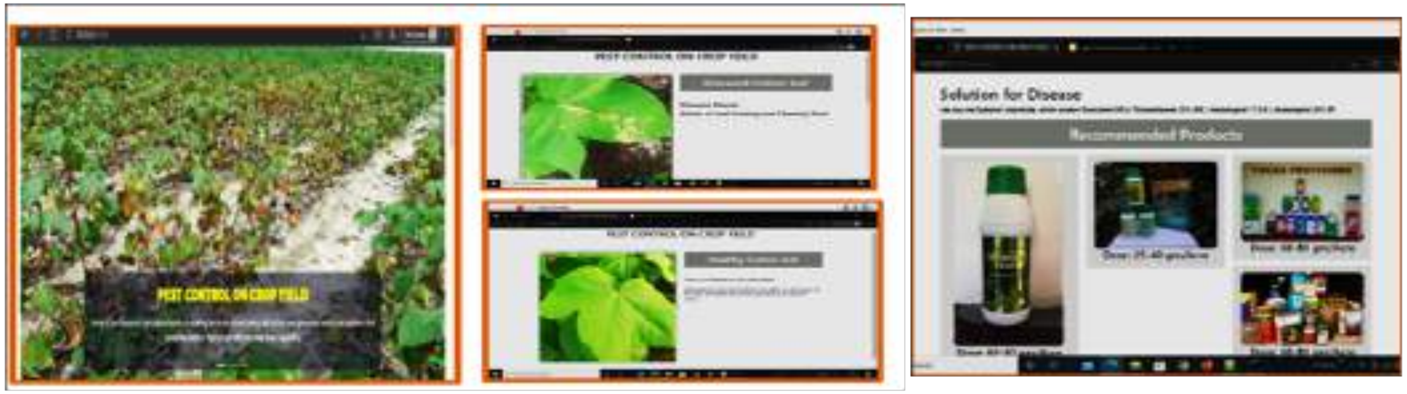

PEST CONTROL ON CROP YIELD
PEST CONTROL ON CROP YIELD
PEST CONTROL ON CROP YIELD
Solution for Disease
Recommended Products

Fig 5.8.4.9: Pest Control on Crop Yield

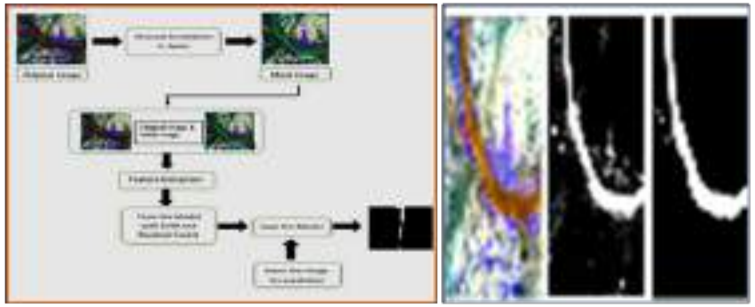


Fig 5.8.4.10: Identification of River Networks

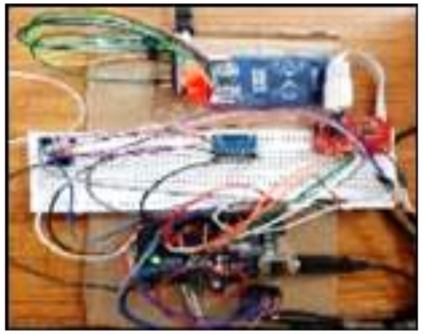


Fig 5.8.4.11: Sasya-Agriculture Harvesting

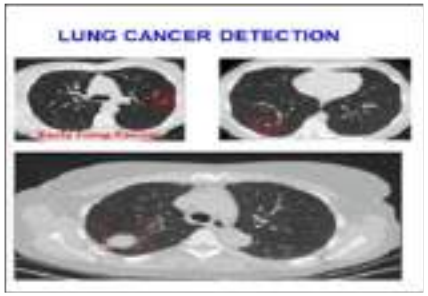

LUNG CANCER DETECTION

Fig 5.8.4.12: Lung Cancer Detection

5.8.4 Consultancy (from Industry) (20)

Institute Marks : 20.00

2022-23 (CAYm1)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Operating Syst	December 202	AICTE-Technic	100000.00
Algorithm Anal	December 202	AICTE-Technic	100000.00
Inventory Mana	July 2022 - De	Bio Plus Medic	285000.00
			Total Amount(X): 485000.00

2021-22 (CAYm2)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Web Site Desi	April 2018-Mar	RK Engineers,	175000.00
JEE-Main	June 2021 - De	TCS-Ion Digita	308677.00
			Total Amount(Y): 483677.00

2020-21 (CAYm3)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Translation of the course V	September 20	Project of MH	20125.00
Translation of the course Q	September 20	Project of MH	18375.00
Training Program	Nov 2017- Nov	All India Coun	508334.00
			Total Amount(Z): 546834.00

Cumulative Amount(X + Y + Z) = 1515511.00

5.9 Faculty Performance Appraisal and Development System (FPADS) (10) Total Marks 10.00

Institute Marks : 10.00

A well-defined system for faculty appraisal for all the assessment years (5)

Its implementation and effectiveness (5)

GNITS implements a well structured format for the Faculty Performance Appraisal and Development Systems as shown below. Faculty members perform varied tasks beyond teaching. They must innovate, conduct research to foster self-renewal, stay updated on technological advancements, and gain expertise to enhance curriculum implementation. Administrative duties and collaborative work in department committees & college level committees is also considered. A comprehensive performance appraisal system for faculty members is prepared for maximizing their individual contributions.

The four categories incorporated in Annual appraisal format is listed below.

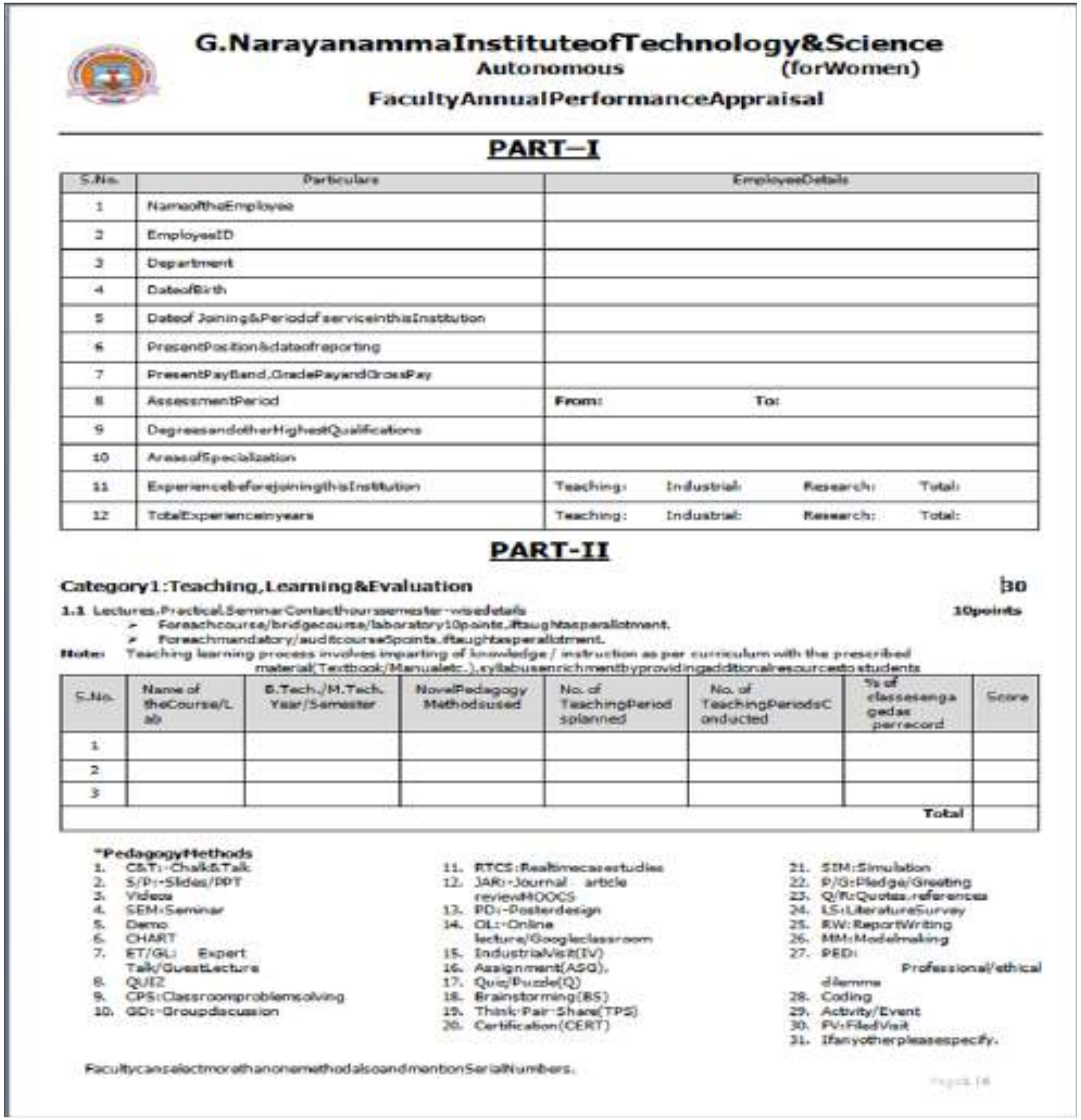
Category 1: Teaching, Learning & Evaluation

Category 2: Faculty Development

Category 3: Research & Consultancy

Category 4: Governance & Administration

The proforma for appraisal is attached



G.NarayanammaInstituteofTechnology&Science

Autonomous (forWomen)

FacultyAnnualPerformanceAppraisal

PART–I

S.No.	Particulars	EmployeeDetails
1	NameoftheEmployee	
2	EmployeeID	
3	Department	
4	DateofBirth	
5	Dateof Joining&Periodof serviceinthisInstitution	
6	PresentPosition&dateofreporting	
7	PresentPayBand,GradePayandGrossPay	
8	AssessmentPeriod	**From:** **To:**
9	DegreesandotherHighestQualifications	
10	AreasofSpecialization	
11	ExperiencebeforejoiningthisInstitution	Teaching: Industrial: Research: Total:
12	TotalExperienceinyears	Teaching: Industrial: Research: Total:

PART-II

Category1:Teaching,Learning&Evaluation 30

1.1 Lectures,Practical,SeminarContacthourssemester-wisedetails **10points**

- Foreachcourse/bridgecourse/laboratory10points,iftaughtasperallotment.
- Foreachmandatory/auditcourse5points,iftaughtasperallotment.

Note: Teaching learning process involves imparting of knowledge / instruction as per curriculum with the prescribed material(Textbook/Manualetc.),syllabusenrichmentbyprovidingadditionalresourcesto students

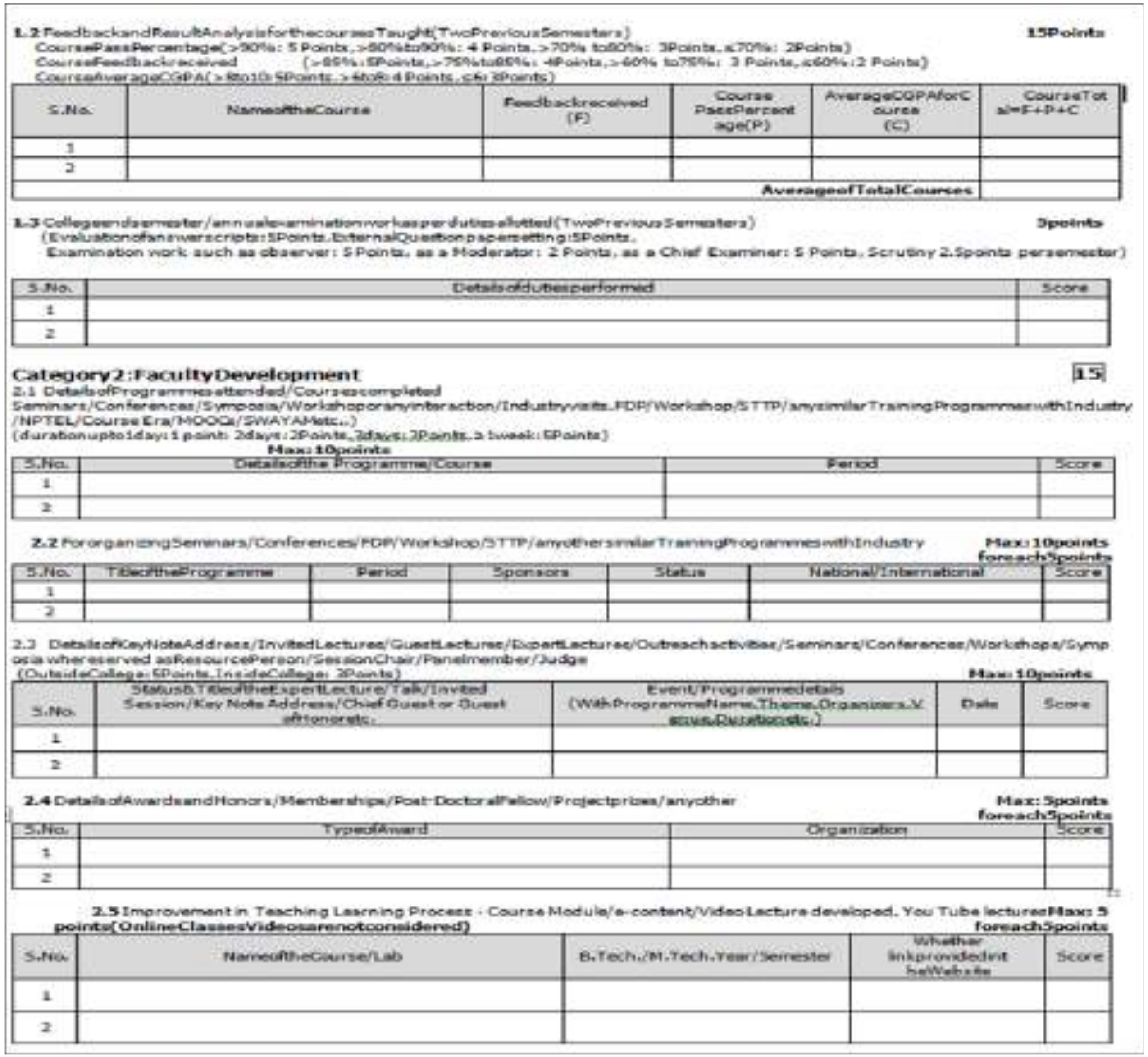
S.No.	Name of theCourse/Lab	B.Tech./M.Tech. Year/Semester	NovelPedagogy Methodsused	No. of TeachingPeriodsplanned	No. of TeachingPeriodsConducted	% of classesengagedas perrecord	Score
1							
2							
3							
						Total	

***PedagogyMethods**

1. C&T:-Chalk&Talk
2. S/P:-Slides/PPT
3. Videos
4. SEM:Seminar
5. Demo
6. CHART
7. ET/GL: Expert Talk/GuestLecture
8. QUIZ
9. CPS:Classroomproblemsolving
10. GD:-Groupdiscussion
11. RTCS:Realtimecasestudies
12. JAR:-Journal article reviewMOOCS
13. PD:-Posterdesign
14. OL:-Online lecture/Googleclassroom
15. IndustrialVisit(IV)
16. Assignment(ASG),
17. Quiz/Puzzle(Q)
18. Brainstorming(BS)
19. Think-Pair-Share(TPS)
20. Certification(CERT)
21. SIM:Simulation
22. P/G:Pledge/Greeting
23. Q/R:Quotes,references
24. LS:LiteratureSurvey
25. RW:ReportWriting
26. MM:Modelmaking
27. PED: Professional/ethical dilemma
28. Coding
29. Activity/Event
30. FV:FiledVisit
31. Ifanyotherpleasespecify.

Facultycanselectmorethanonemethodalsoandmention SerialNumbers.

Page | 6



1.2 FeedbackandResultAnalysisforthecoursesTaught(TwoPreviousSemesters) **15Points**

CoursePassPercentage(>90%: 5 Points,>80%to90%: 4 Points,>70% to80%: 3Points,≤70%: 2Points)
CourseFeedbackreceived (>85%:5Points,>75%to85%: 4Points,>60% to75%: 3 Points,≤60%:2 Points)
CourseAverageCGPA(>8to10:5Points,>6to8:4 Points,≤6:3Points)

S.No.	NameoftheCourse	Feedbackreceived (F)	Course PassPercentage(P)	AverageCGPAforCourse (C)	CourseTotal=F+P+C
1					
2					
				AverageofTotalCourses	

1.3 Collegeendsemester/annualexaminationworkasperdutiesallotted(TwoPreviousSemesters) **3points**

(Evaluationofanswerscripts:5Points,ExternalQuestionpapersetting:5Points,
Examination work such as observer: 5 Points, as a Moderator: 2 Points, as a Chief Examiner: 5 Points, Scrutiny 2.5points persemester)

S.No.	Detailsofdutiesperformed	Score
1		
2		

Category2:FacultyDevelopment

15

2.1 DetailsofProgrammesattended/Coursescompleted
Seminars/Conferences/Symposia/Workshoporanyinteraction/Industryvisits,FDP/Workshop/STTP/anysimilarTrainingProgrammeswithIndustry/NPTEL/Course Era/MOOCs/SWAYAMetc..)
(durationupto1day:1 point: 2days:2Points,3days:3Points,≥1week:5Points)
Max:10points

S.No.	Detailsofthe Programme/Course	Period	Score
1			
2			

2.2 FororganizingSeminars/Conferences/FDP/Workshop/STTP/anyothersimilarTrainingProgrammeswithIndustry **Max:10points foreach5points**

S.No.	TitleoftheProgramme	Period	Sponsors	Status	National/International	Score
1						
2						

2.3 DetailsofKeyNoteAddress/InvitedLectures/GuestLectures/ExpertLectures/Outreachactivities/Seminars/Conferences/Workshops/Symposia whereserved asResourcePerson/SessionChair/Panelmember/Judge
(OutsideCollege:5Points,InsideCollege: 3Points) **Max:10points**

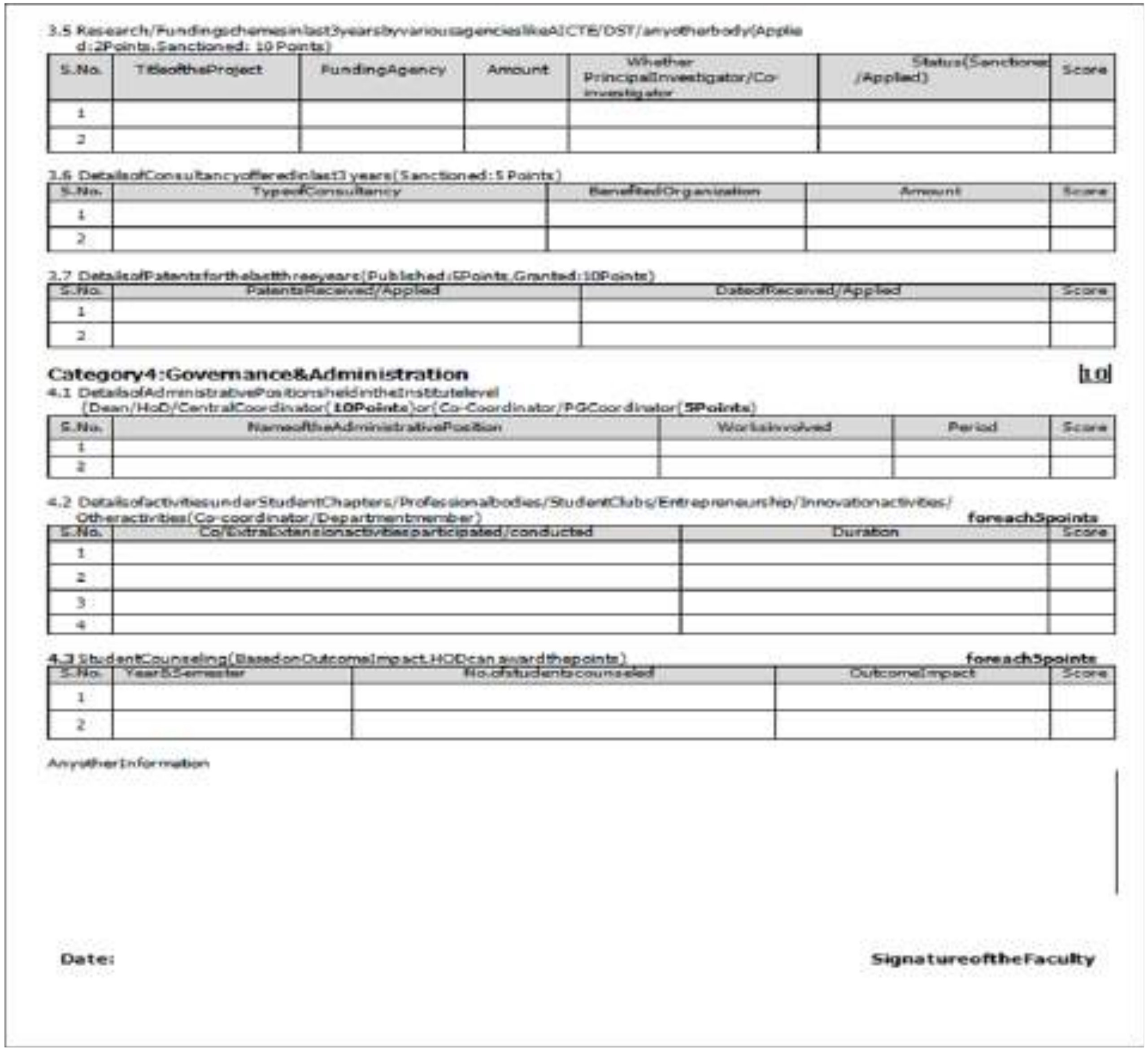
S.No.	Status&TitleoftheExpertLecture/Talk/Invited Session/Key Note Address/Chief Guest or Guest ofHonoretc.	Event/Programmedetails (WithProgrammeName,Theme,Organizers,Venue,Durationetc.)	Date	Score
1				
2				

2.4 DetailsofAwardsandHonors/Memberships/Post-DoctoralFellow/Projectprizes/anyother **Max: 5points foreach5points**

S.No.	TypeofAward	Organization	Score
1			
2			

2.5 Improvement in Teaching Learning Process - Course Module/e-content/Video Lecture developed, You Tube lectures **Max: 5 points(OnlineClassesVideosarenotconsidered) foreach5points**

S.No.	NameoftheCourse/Lab	B.Tech./M.Tech.Year/Semester	Whether linkprovidedintheWebsite	Score
1				
2				



3.5 Research/Fundingschemesinlast3yearsbyvariousagencieslikeAICTE/DST/anyotherbody(Applied:2Points,Sanctioned: 10 Points)

S.No.	TitleoftheProject	FundingAgency	Amount	Whether PrincipalInvestigator/Co-investigator	Status(Sanctioned/Applied)	Score
1						
2						

3.6 DetailsofConsultancyofferedinlast3 years(Sanctioned: 5 Points)

S.No.	TypeofConsultancy	BenefitedOrganization	Amount	Score
1				
2				

3.7 DetailsofPatentsforthelastthreeyears(Published:5Points,Granted:10Points)

S.No.	PatentsReceived/Applied	DateofReceived/Applied	Score
1			
2			

Category4:Governance&Administration [10]

4.1 DetailsofAdministrativePositionsheldintheInstitutelevel
(Dean/HoD/CentralCoordinator(**10Points**)or(Co-Coordinator/PGCoordinator(**5Points**)

S.No.	NameoftheAdministrativePosition	Worksinvolved	Period	Score
1				
2				

4.2 DetailsofactivitiesunderStudentChapters/Professionalbodies/StudentClubs/Entrepreneurship/Innovationactivities/Otheractivities(Co-coordinator/Departmentmember) **foreach5points**

S.No.	Co/ExtraExtensionactivitiesparticipated/conducted	Duration	Score
1			
2			
3			
4			

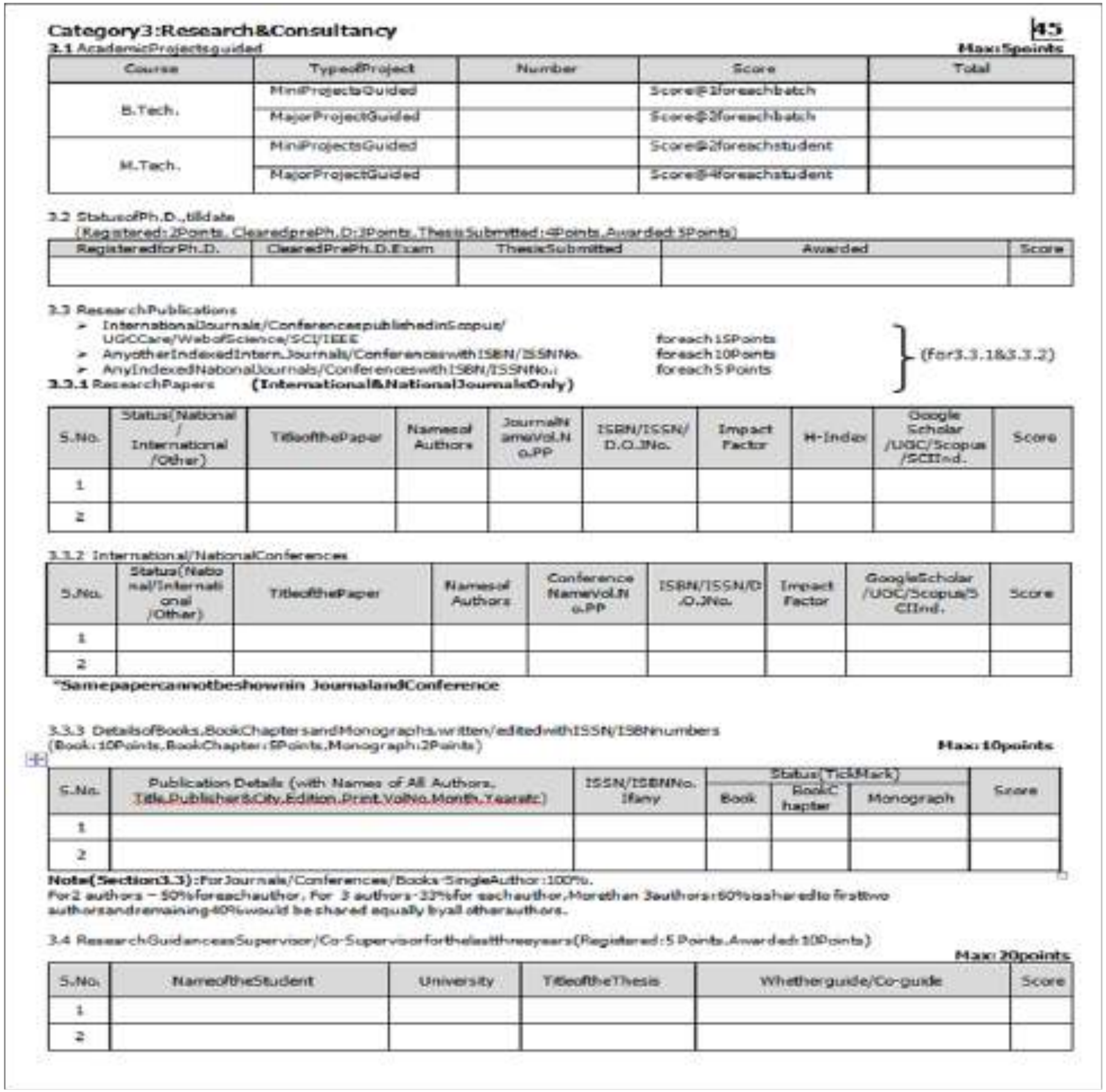
4.3 StudentCounseling(BasedonOutcomeImpact.HODcan awardthepoints) **foreach5points**

S.No.	Year&Semester	No.ofstudentscounseled	OutcomeImpact	Score
1				
2				

AnyotherInformation

Date:

SignatureoftheFaculty



Category3:Research&Consultancy 45

3.1 AcademicProjectsguided **Max:5points**

Course	TypeofProject	Number	Score	Total
B.Tech.	MiniProjectsGuided		Score@1foreachbatch	
	MajorProjectGuided		Score@2foreachbatch	
M.Tech.	MiniProjectsGuided		Score@2foreachstudent	
	MajorProjectGuided		Score@4foreachstudent	

3.2 StatusofPh.D.,tilldate
(Registered:2Points, ClearedprePh.D:3Points,ThesisSubmitted:4Points,Awarded:5Points)

RegisteredforPh.D.	ClearedPrePh.D.Exam	ThesisSubmitted	Awarded	Score

3.3 ResearchPublications

- InternationalJournals/ConferencespublishedinScopus/UGCCare/WebofScience/SCI/IEEE foreach15Points
- AnyotherIndexedIntern.Journals/ConferenceswithISBN/ISSNNo. foreach10Points
- AnyIndexedNationalJournals/ConferenceswithISBN/ISSNNo.: foreach5Points

} (for3.3.1&3.3.2)

3.3.1 ResearchPapers **(International&NationalJournalsOnly)**

S.No.	Status(National / International /Other)	TitleofthePaper	Namesof Authors	JournalNameVol.No.PP	ISBN/ISSN/D.O.JNo.	Impact Factor	H-Index	Google Scholar /UGC/Scopus /SCIInd.	Score
1									
2									

3.3.2 International/NationalConferences

S.No.	Status(National/International /Other)	TitleofthePaper	Namesof Authors	Conference NameVol.No.PP	ISBN/ISSN/D.O.JNo.	Impact Factor	GoogleScholar /UGC/Scopus/SCIInd.	Score
1								
2								

***SamepapercannotbeshowninJournalandConference**

3.3.3 DetailsofBooks,BookChaptersandMonographs,written/editedwithISSN/ISBNnumbers
(Book:10Points,BookChapter:5Points,Monograph:2Points) **Max:10points**

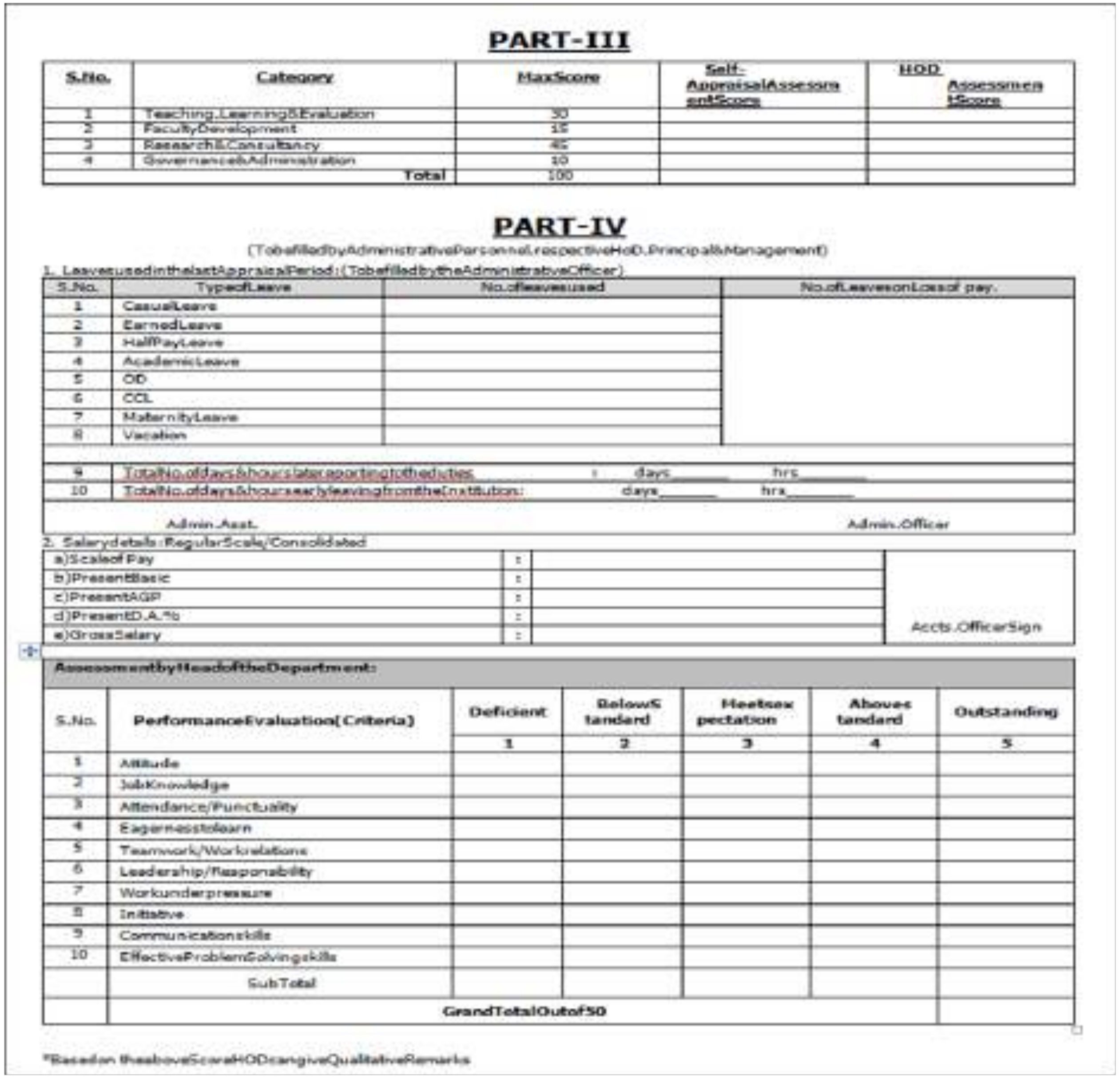
S.No.	Publication Details (with Names of All Authors, Title,Publisher&City,Edition,Print,VolNo,Month,Yearetc)	ISSN/ISBNNo. Ifany	Status(TickMark)			Score
			Book	BookChapter	Monograph	
1						
2						

Note(Section3.3): ForJournals/Conferences/Books-SingleAuthor:100%.
For2 authors – 50%foreachauthor, For 3 authors-33%for eachauthor,Morethan 3authors:60%issharedto firsttwo authorsandremaining40%would be shared equally byall otherauthors.

3.4 ResearchGuidanceasSupervisor/Co-Supervisorforthelastthreeyears(Registered:5 Points,Awarded:10Points)

Max:20points

S.No.	NameoftheStudent	University	TitleoftheThesis	Whetherguide/Co-guide	Score
1					
2					



PART-III

S.No.	Category	MaxScore	Self-AppraisalAssessmentScore	HOD AssessmentScore
1	Teaching,Learning&Evaluation	30		
2	FacultyDevelopment	15		
3	Research&Consultancy	45		
4	Governance&Administration	10		
	Total	100		

PART-IV

(TobefilledbyAdministrativePersonnel,respectiveHoD,Principal&Management)

1. LeavesusedinthelastAppraisalPeriod:(TobefilledbytheAdministrativeOfficer)

S.No.	TypeofLeave	No.ofleavesused	No.ofLeavesonLossof pay.
1	CasualLeave		
2	EarnedLeave		
3	HalfPayLeave		
4	AcademicLeave		
5	OD		
6	CCL		
7	MaternityLeave		
8	Vacation		
9	TotalNo.ofdays&hourslatereportingtotheduties :	days______	hrs______
10	TotalNo.ofdays&hoursearlyleavingfromtheInstitution:	days______	hrs______
	Admin.Asst.		Admin.Officer

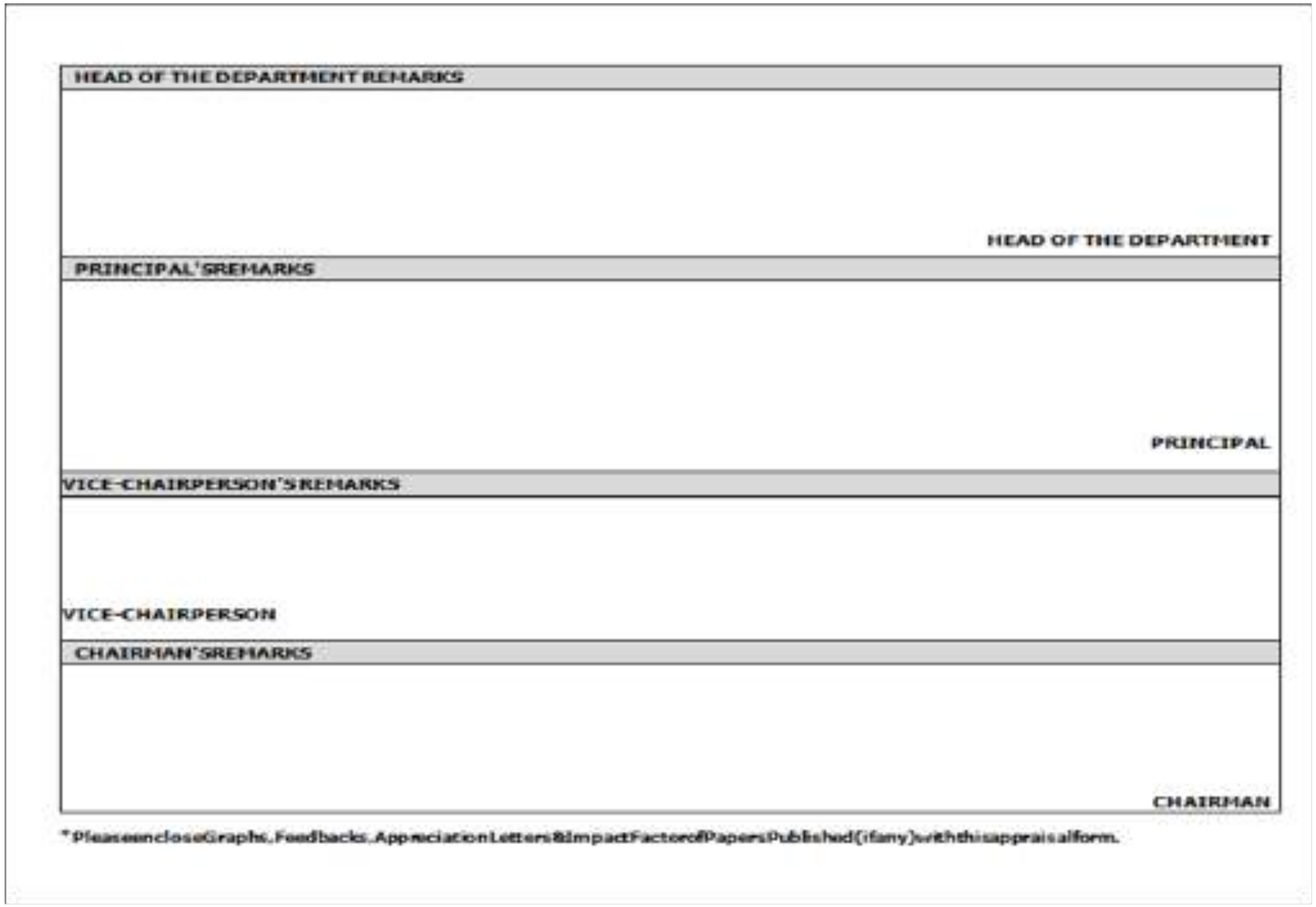
2. Salarydetails:RegularScale/Consolidated

a)ScaleofPay	:		Accts.OfficerSign
b)PresentBasic	:		
c)PresentAGP	:		
d)PresentD.A.%	:		
e)GrossSalary	:		

AssessmentbyHeadoftheDepartment:

S.No.	PerformanceEvaluation(Criteria)	Deficient	BelowStandard	MeetsExpectation	AboveStandard	Outstanding
		1	2	3	4	5
1	Attitude					
2	JobKnowledge					
3	Attendance/Punctuality					
4	Eagernesstolearn					
5	Teamwork/Workrelations					
6	Leadership/Responsibility					
7	Workunderpressure					
8	Initiative					
9	Communicationskills					
10	EffectiveProblemSolvingskills					
	SubTotal					
	GrandTotalOutof50					

*Basedon theaboveScoreHODcangiveQualitativeRemarks



HEAD OF THE DEPARTMENT REMARKS

HEAD OF THE DEPARTMENT

PRINCIPAL'SREMARKS

PRINCIPAL

VICE-CHAIRPERSON'SREMARKS

VICE-CHAIRPERSON

CHAIRMAN'SREMARKS

CHAIRMAN

*PleaseencloseGraphs,Feedbacks,AppreciationLetters&ImpactFactorofPapersPublished(ifany)withthisappraisalform.

Faculty Performance Appraisal and Development System (FPADS) implementation and effectiveness

The Institution has a formal “Annual Performance Appraisal” for Teaching faculty conducted every year. The faculty are required to submit the filled in Performa of self-appraisal which is based on “Performance Based Appraisal System” as per UGC regulation 2010 and 2016. The strengths, weakness and future plans are analysed and then increments are released. This system helps the faculty in setting up new goals and self-assesses their strengths and weaknesses. Based on the Annual appraisal the faculty is given increments, and this becomes one of the parameters in giving promotions in their respective cadre.

The institute HR policy clearly outlines the performa for faculty self-appraisal reports. This document encompasses academic, research, curricular, governance and administration contributions made by the faculty throughout the academic year. Faculty members are required to complete the Proforma and submit it to their respective department

S. No.	Category	MaxScore
1	Teaching,Learning&Evaluation	30

2	FacultyDevelopment	15
3	Research&Consultancy	45
4	Governance&Administration	10
Total		**100**

The faculty submits self-appraisal reports for the academic year which is evaluated by the head of the department. The **Key Indicators** of the self-appraisal are mentioned below:

- Faculty performance appraisal focuses on teaching, research, and administrative duties. Institution aim for a systematic assessment aligned with the institutional quality system.
- Before the start of each academic semester, the Academic calendar is distributed.
- All the faculty are expected to use Pedagogical methods and ICT tools for teaching learning.
- The faculty should adhere to the academic calendar and it is assessed by two Class Review Committee (CRC) meetings conducted per semester to gather student feedback, facilitating ongoing improvement in the teaching-learning process.
- All faculties perform Examination and Evaluation duties assigned by the institute/university or attending the examination paper evaluation.
- Faculty development is promoted through attendance at FDP sessions focusing on emerging areas to update knowledge in line with the latest technology.
- Faculty are encouraged to organizing seminars/conferences/workshops and FDPs
- Faculty engage in research, consultancy, and faculty development activities, including conducting minor or major research projects, resulting in at least one publication in peer-reviewed or UGC-listed journals or in International Conferences and Book/Book Chapters.
- Faculty hold administrative positions like Dean, Head, Co-ordinator etc. They also act as committee member in different activities in student-related co-curricular, extension, and field-based activities, including student clubs, career counselling, industrial visits, seminars, cultural events, sports, NCC, NSS, and community services.
- Engagement of the faculty in all these activities are assessed and accordingly the faculty are given appraisal.

Implementation

A Key Performance Indicators (KPI) system has been introduced in the Department to align teachers’ initiatives in teaching, research, and administration areas. The self-appraisal performance method is evaluated on a score for 100 points.

A 4-step process is conducted for evaluating the actual performance of every faculty based on the guidelines given in the performance evaluation form.

1. Self-Appraisal (Faculty evaluating themselves)

2. Appraisal by Heads of their department

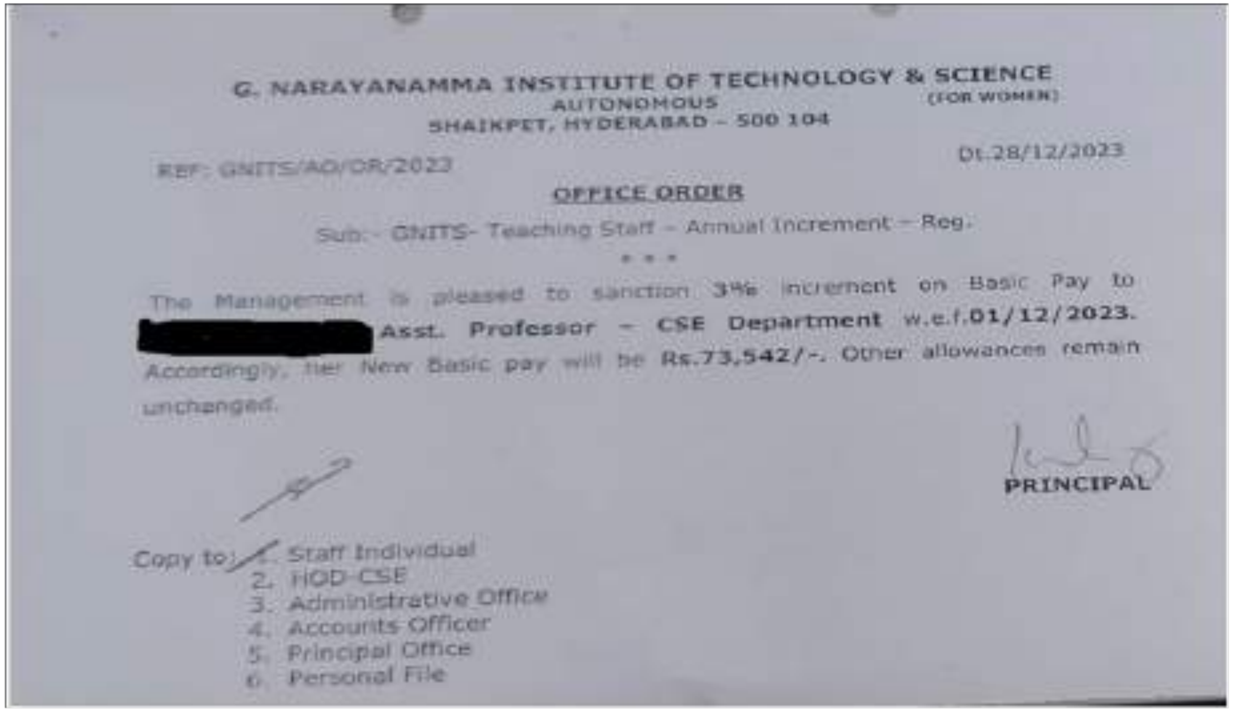
3. Appraisal by Principal

4. Appraisal by Vice Chairperson/Chairman

To ensure consistency in assessment, evaluation involves verifying all supporting documents provided by the faculty. The faculty are evaluated for a score of 100.The increments for the yearly appraisal are assessed for an increment of 0% to 3% based on the scored in the appraisal form

S.No	Score Range	Increment % on Basic
1	Greater than 90 and equal to 100 increment	3
2	Greater than or equal 80 and less than 90	2.5
3	Greater than or equal 70 and less than 80	2
4	Greater than or equal 60 and less than 70	1
5	Less than 60	0

The following figures show percentage of increments on basic pay.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(FOR WOMEN)
AUTONOMOUS
SHAIKPET, HYDERABAD – 500 104

REF: GNITS/AO/OR/2023

Dt.28/12/2023

OFFICE ORDER

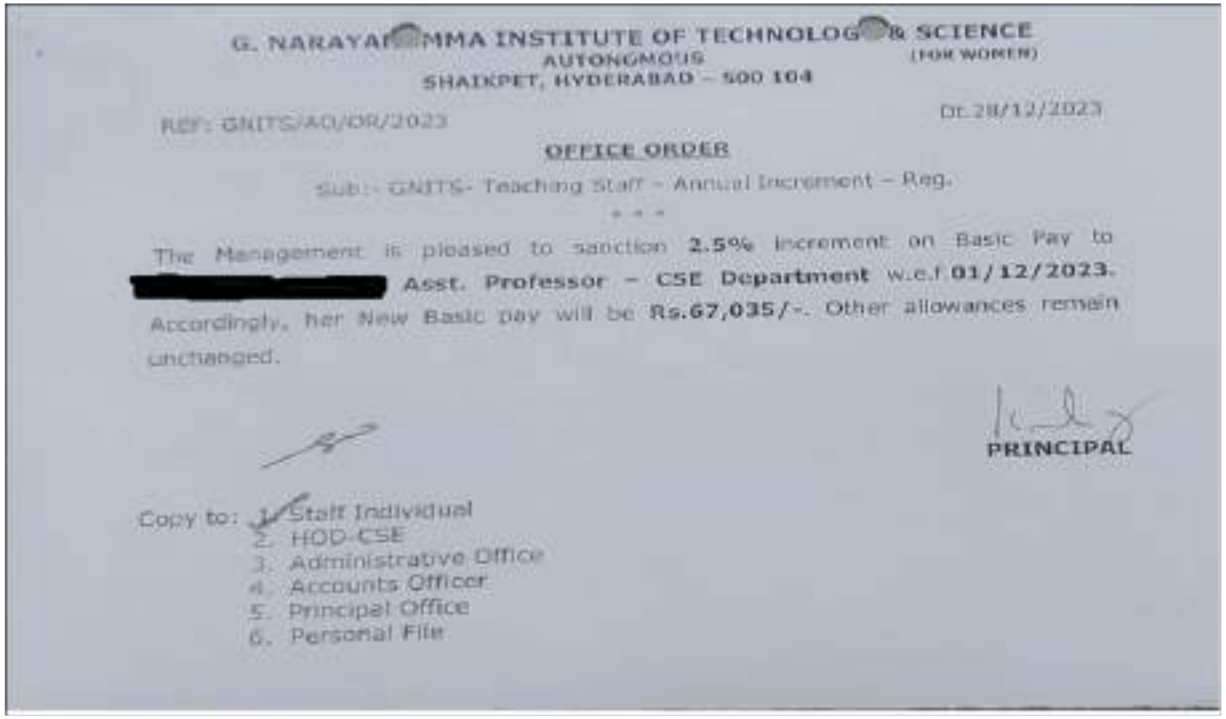
Sub:- GNITS- Teaching Staff – Annual Increment – Reg.

* * *

The Management is pleased to sanction 3% increment on Basic Pay to [redacted] **Asst. Professor – CSE Department** w.e.f.**01/12/2023.** Accordingly, her New Basic pay will be **Rs.73,542/-.** Other allowances remain unchanged.

PRINCIPAL

Copy to: 1. Staff Individual
2. HOD-CSE
3. Administrative Office
4. Accounts Officer
5. Principal Office
6. Personal File



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (FOR WOMEN)
SHAIKPET, HYDERABAD – 500 104

REF: GNITS/AO/OR/2023 Dt.28/12/2023

OFFICE ORDER

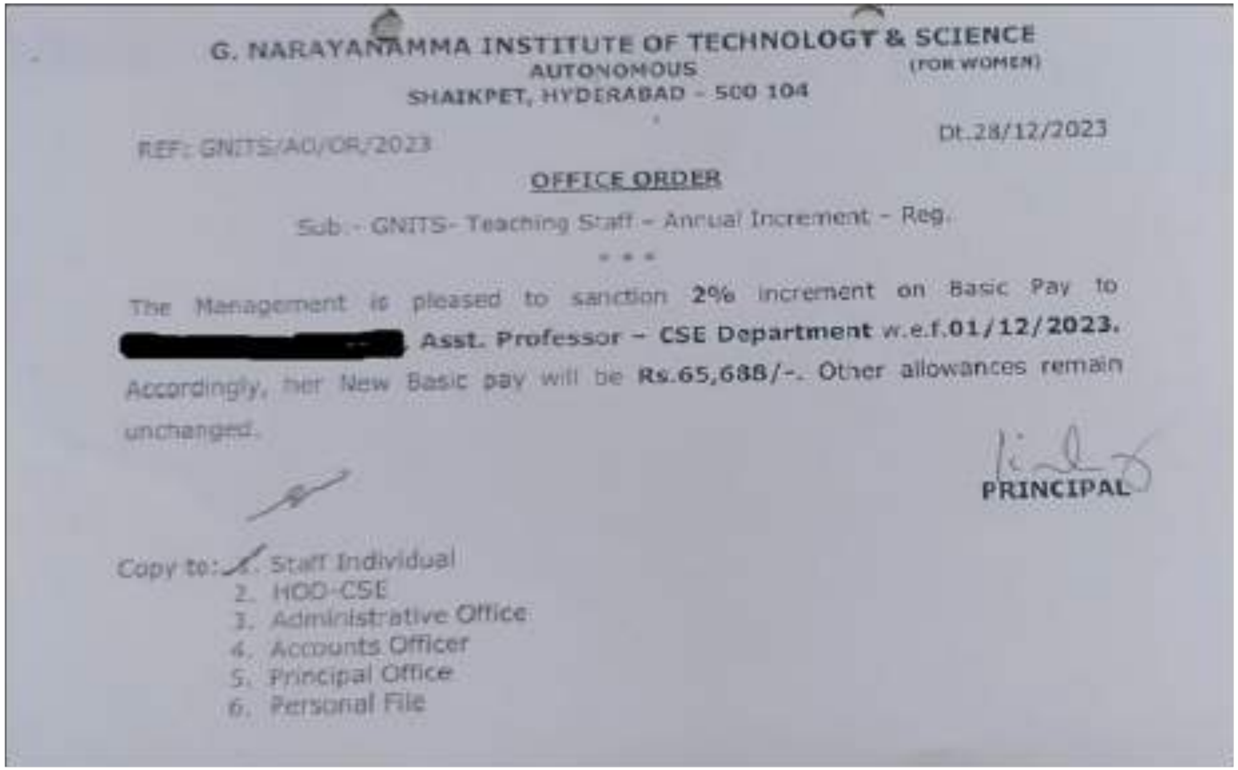
Sub:- GNITS- Teaching Staff – Annual Increment – Reg.

* * *

The Management is pleased to sanction **2.5%** increment on Basic Pay to [redacted] **Asst. Professor – CSE Department** w.e.f **01/12/2023.** Accordingly, her New Basic pay will be **Rs.67,035/-.** Other allowances remain unchanged.

PRINCIPAL

Copy to:
1. Staff Individual
2. HOD-CSE
3. Administrative Office
4. Accounts Officer
5. Principal Office
6. Personal File



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(FOR WOMEN)
AUTONOMOUS
SHAIKPET, HYDERABAD - 500 104

REF: GNITS/AO/OR/2023

Dt.28/12/2023

OFFICE ORDER

Sub:- GNITS- Teaching Staff – Annual Increment – Reg.

* * *

The Management is pleased to sanction **2%** increment on Basic Pay to [redacted] **Asst. Professor – CSE Department** w.e.f.**01/12/2023.** Accordingly, her New Basic pay will be **Rs.65,688/-**. Other allowances remain unchanged.

PRINCIPAL

Copy to: 1. Staff Individual
2. HOD-CSE
3. Administrative Office
4. Accounts Officer
5. Principal Office
6. Personal File

Incentives for Outstanding Research

The Institute would like to encourage quality research in different thrust areas. For this purpose, outstanding research contributions done by faculty and researcher will be recognized. Therefore the institute prepare a scheme for providing incentives to researchers. The Incentives for the outstanding research done by the Researchers are defined in the Research and Consultancy Policy.

5.10 Visiting/Adjunct/Emeritus Faculty etc. (10) Total Marks 10.00

Institute Marks : 10.00

Visiting / Adjunct / Emeritus Faculty etc

GNITS has a structured policy for visiting professors, enabling CSE department to appoint esteemed faculty members as adjunct faculty. Their role primarily revolves around training and guiding students through project works, enriching academic environment with their expertise and experience.

Link to the Visiting/Adjunct Faculty Policy : https://www.gnits.ac.in/visiting-adjunct-faculty-policy/ (https://www.gnits.ac.in/visiting-adjunct-faculty-policy/)

The following are the visiting professors appointed for course delivery and project guidance.

Details as per academic year are shown in Tables 5.10.1 to 5.10.3.

Table 5.10.1 The details of visiting faculty for the academic year 2022-2023

S.No	Faculty Name	Organization Name	Course Name	No.of hours
1	Dr.Ramesh Dileep Kumar Appana	M/s. Intrinsic Science Labs Pvt.Ltd	AI & Deep Learning - Advanced Level	52
2	Mr. Jaya Prakash Netha	Smart Bridge Educational Services Pvt. Ltd	Applied Data Science with IBM Cloud	56

Table 5.10.2 The details of visiting faculty for the academic year 2021-2022

S.No	Faculty Name	Organization Name	Course Name	No.of hours
1	Ms. Swathi	Unitech Cyber Park, Gurugram, Haryana	JAVA and Data Structures.	100
2	Mr. Prashanth	Brain O Vision Solutions Pvt. Ltd.	Java Programming and Android Applications.	72

Table 5.10.3 The details of visiting faculty for the academic year 2020-2021

S.No	Faculty Name	Organization Name	Course Name	No.of hours
1	Mr. Mohamed Abudullah	Conduiraonline Education & Training Services, Hyderabad.	C&DS and JAVA	60

2	Mr.Shasank	Conduiraonline Education & Training Services, Hyderabad.	C&DS and JAVA	60
3	Mr. Aneeq Dholakia	Edyst Training Services, Hyderabad.	Advanced Algorithms and Data Structures training Program	100

6 FACILITIES AND TECHNICAL SUPPORT (80)

Total Marks 80.00

6.1 Adequate and well equipped laboratories, and technical manpower (40)

Total Marks 40.00

Institute Marks : 40.00

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Programming L	78	Hardware-CL-1	Lab:8 Session	Ms.L.Bhumika	Programmer	B.Tech
2	Data Structure	30	Hardware: HP	Lab:9 Session	Mrs.N.Radhika	Programmer	B.Tech M.B.A
3	Object Oriente	38	Hardware: Dell	Lab:9 Session	Mrs.P.Pushpal	Programmer	M.Sc (Comput
4	IT Workshop L	31	Hardware: Dell	Lab:9 Session	Mr.M.Kiran	Programmer	M.Tech
5	Database Man	36	Hardware : HP	Lab:9 Session	Mr.Gowlikar Sr	Mr.Gowlikar Sr	Hardware Tec
6	Operating Syst	38	Hardware: Len	Lab:9 Session	Mrs.E.Lathasri	Programmer	B com (Compu
7	Computer Org	36	Hardware: HP	Lab:9 Session	Mr.P.Kiran	Programmer	M.Tech
8	Computer Net	38	Hardware: HP	Lab: 6 Session	Mr.V.Satish	Programmer	MCA
9	Design and An	37	Hardware: Len	Lab: 6 Session	Mrs.M.Rama	Programmer	M.Sc (Comput
10	Web Technolo	39	Hardware: HP	Lab: 6 Session	Mrs.P.Pushpal	Programmer	M.Sc (Comput
11	Machine Learn	36	Hardware: HP	Lab: 6 Session	Mrs.T.Venkata	Programmer	MCA
12	Compiler Desi	67	Hardware: HP	Lab: 3 Session	Mr.B.Syam Su	Programmer	M.Tech
13	Programming L	78	Hardware-CL-1	Lab:8 Session	Mrs.N.Radhika	Programmer	M.B.A
14	Data Structure	78	Hardware-CL-1	Lab:5 Session	Mr.B.Syam Su	Programmer	M.Tech
15	Database Man	38	Computer Syst	Lab:9 Session	Mr.P.Kiran	Programmer	M.Tech
16	Python Progra	36	Hardware: HP	Lab:9 Session	Ms.L.Bhumika	Programmer	B.Tech
17	IT Workshop L	31	Hardware: Dell	Lab:9 Session	Mrs.T.Venkata	Programmer	MCA
18	Object Oriente	38	Hardware: Dell	Lab:9 Session	Mr.V.Satish	Programmer	MCA
19	Operating Syst	67	Hardware: HP	Lab: 9 Session	Mrs.E.Lathasri	Programmer	B. Com (Comp

6.2 Laboratories maintenance and overall ambiance (10)

Total Marks 10.00

Institute Marks : 10.00

Laboratories: Maintenance and overall ambience

All labs are well equipped and have advanced computing facilities maintained by dedicated and experienced supporting staff. So as to monitor the maintenance of laboratories, a departmental committee is constituted headed by the head of the department. All the laboratories are maintained periodically. Each laboratory maintains a lab register for detailing the proper utilization of labs and information related to lab records. All the Lab incharge maintain the Log book on a regular basis and also the overall ambience of the laboratories is well maintained. To maintain the laboratories a departmental committee is constituted which is headed by head of the department and the faculty lab incharge. This committee is responsible for monitoring and taking necessary actions for maintenance of labs. All the laboratories are maintained periodically. In house maintenance is carried out as per requirement on a periodic basis and major issues are outsourced as per the procedure followed by the institution.

Policy: Equipment is operated in accordance with manufacturer’s instructions and in a way which minimizes the cost of repairs and maintenance.

The technical supporting staff of CSE department is shown in Table 6.2.1.

Table 6.2.1: Details of Technical Supporting Staff

S.No.	Name	Designation	Qualification	Joining Date	Experience
1.	Mrs.P.Pushpalatha	Programmer	M.Sc	25-11-2004	20 Years
2.	Mr.Gowlikar Srikanth	Hardware Technician	B.Com	26-06-2009	14 Years
3.	Mr.B.Syam Sundar Reddy	Programmer	M.Tech	11-07-2012	11 Years
4.	Mr.P.Kiran	Programmer	M.Tech	02-03-2015	8 Years
5.	Mrs.M.Rama	Programmer	M.Sc	01-08-2017	8 Years
6.	Mr.M.Kiran	Programmer	M.Tech	17-11-2021	16 Years
7.	Mrs.T.Venkata Subbamma	Programmer	M.C.A	18-11-2021	4 Years
8.	Ms.L.Bhumika	Programmer	B.Tech	9-12-2021	2.9 Year
9.	Mrs.N.Radhika	Programmer	MBA	17-10-2022	6.6 Years
10.	Mr. V. Satish	Programmer	MCA	01-03-2023	3 Years
11.	Mrs.E.Lathasri	Programmer	B.Com (Computer Science)	01-03-2023	1 Year
12.	Mrs. G.Sravanthi	Programmer	MCA	13-07-2023	4years
13	Ms.V.Chaitanya Bhargavi	Data Entry Operator	MBA	03-10-2023	2.3 years

14.	Mr. Shivaji Ankar	System Administrator	PGDCA, MCSA, MBA	01-12-2023	9 Years

Maintenance

1.System maintenance is carried out at regular intervals to prevent downtime and ensure efficiency.

2.Laboratories maintain high-speed LAN connections, and uninterrupted power supply (UPS).

3.Each laboratory prominently displays Do’s & Don’ts along with Safety Rules as show in figure:6.2.1.

4.Adequate annual budgets are allocated for the continual updating of computer systems with the latest software and hardware.

5.Trained technical staff as listed in Table 6.2.1 are always on hand to maintain both hardware and software systems.

6.Comprehensive records including stock, maintenance, service, and logbooks are maintained for every laboratory.

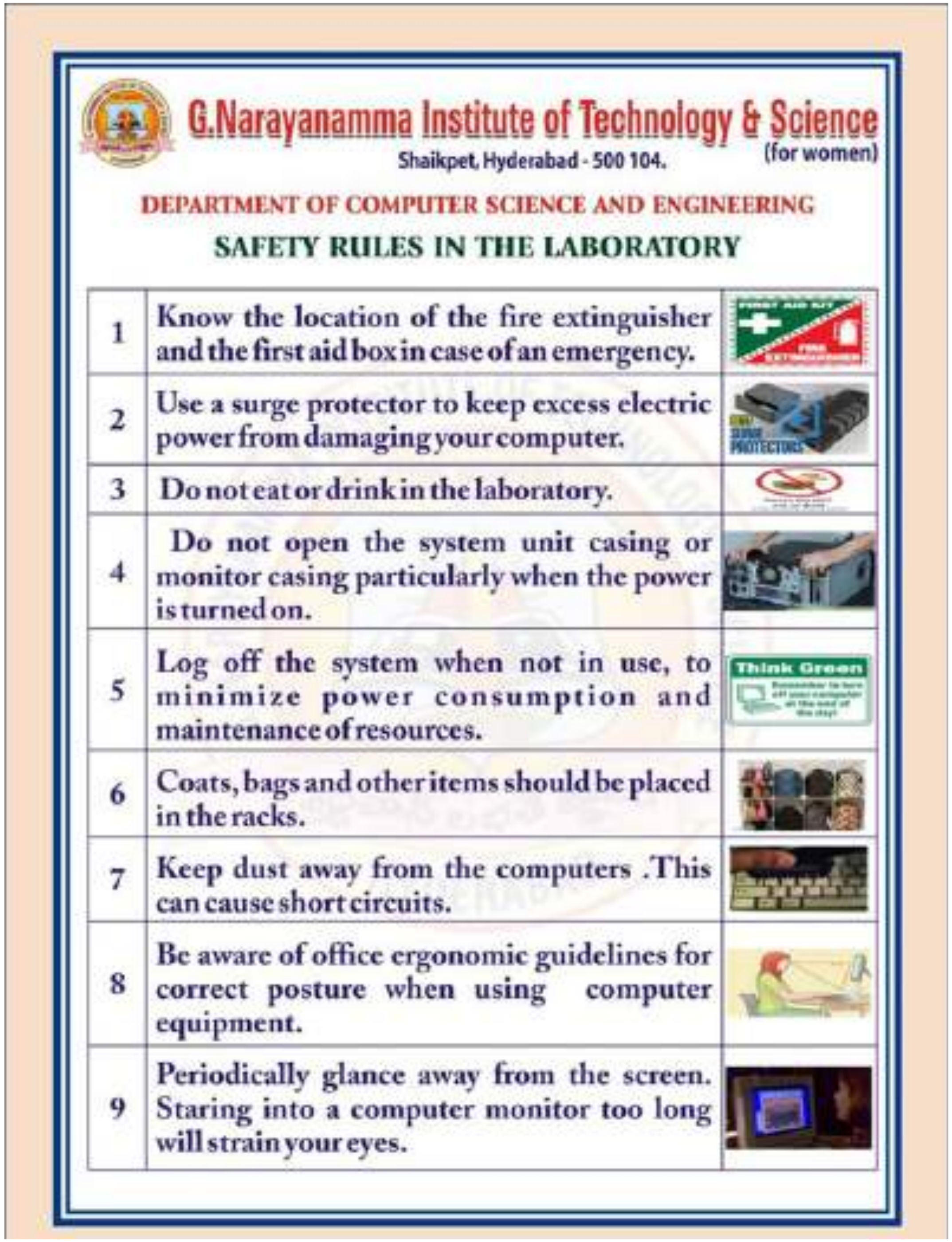
7.Regular checks are conducted on the UPS backup time in computer-supported laboratories and LCD projector areas.

8.Scheduled printer & air conditioning maintenance is performed periodically to ensure optimal functioning. Related receipts are shown in figure 6.2.2 and figure 6.2.3

9.Regular software updates are conducted to enhance security and performance.

10.Both system software and application software are regularly updated to maintain compatibility and security.

11.Fire extinguishers are installed and routinely refilled throughout the facility.



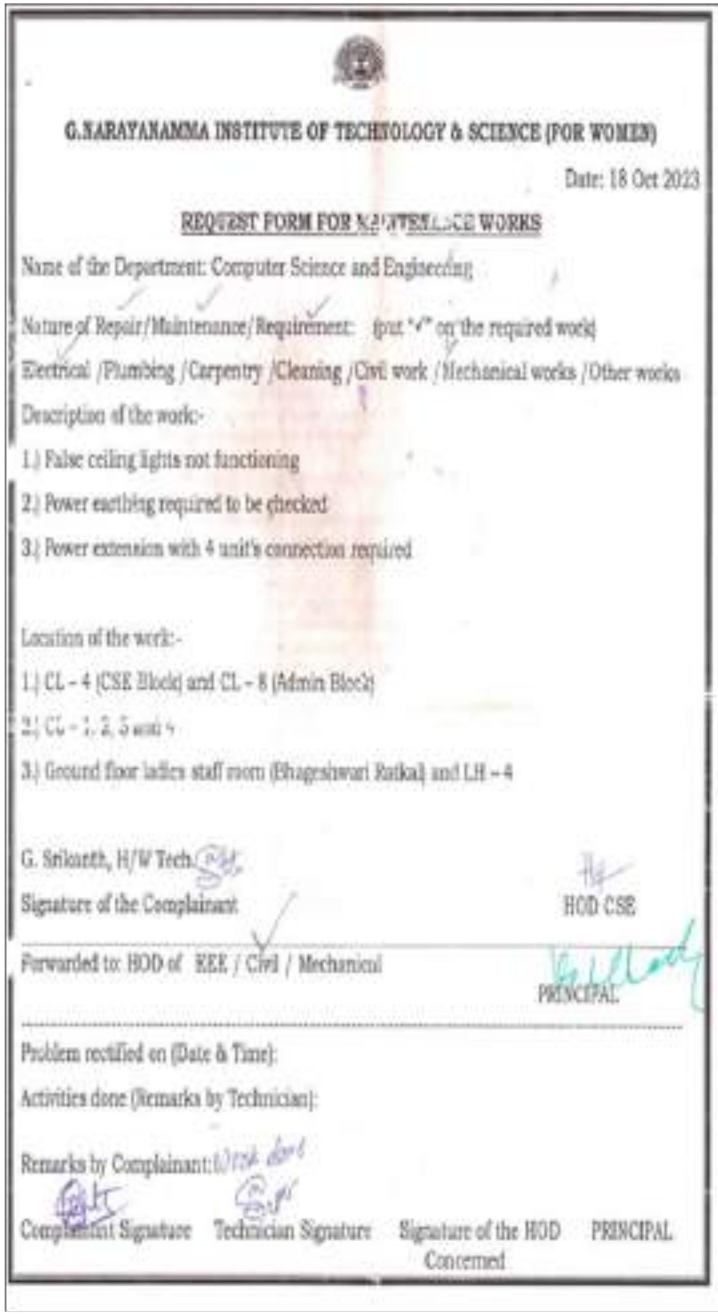
G.Narayanamma Institute of Technology & Science
(for women)
Shaikpet, Hyderabad - 500 104.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SAFETY RULES IN THE LABORATORY

1	Know the location of the fire extinguisher and the first aid box in case of an emergency.	FIRST AID KIT FIRE EXTINGUISHER
2	Use a surge protector to keep excess electric power from damaging your computer.	SURGE PROTECTORS
3	Do not eat or drink in the laboratory.	
4	Do not open the system unit casing or monitor casing particularly when the power is turned on.	
5	Log off the system when not in use, to minimize power consumption and maintenance of resources.	Think Green
6	Coats, bags and other items should be placed in the racks.	
7	Keep dust away from the computers .This can cause short circuits.	
8	Be aware of office ergonomic guidelines for correct posture when using computer equipment.	
9	Periodically glance away from the screen. Staring into a computer monitor too long will strain your eyes.	

Figure 6.2.1 Safety Rules



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (FOR WOMEN)

Date: 18 Oct 2023

REQUEST FORM FOR MAINTENANCE WORKS

Name of the Department: Computer Science and Engineering

Nature of Repair/Maintenance/Requirement: (put "✓" on the required work)

[✓ Electrical] /Plumbing /Carpentry /Cleaning /Civil work /Mechanical works /Other works

Description of the work:-

1.) False ceiling lights not functioning

2.) Power earthing required to be checked

3.) Power extension with 4 unit's connection required

Location of the work:-

1.) CL – 4 (CSE Block) and CL – 8 (Admin Block)

2.) CL – 1, 2, 5 and 4

3.) Ground floor ladies staff room (Bhageshwari Ratka) and LH – 4

G. Srikanth, H/W Tech.

Signature of the Complainant

HOD CSE

Forwarded to: HOD of EEE / [✓ Civil] / Mechanical

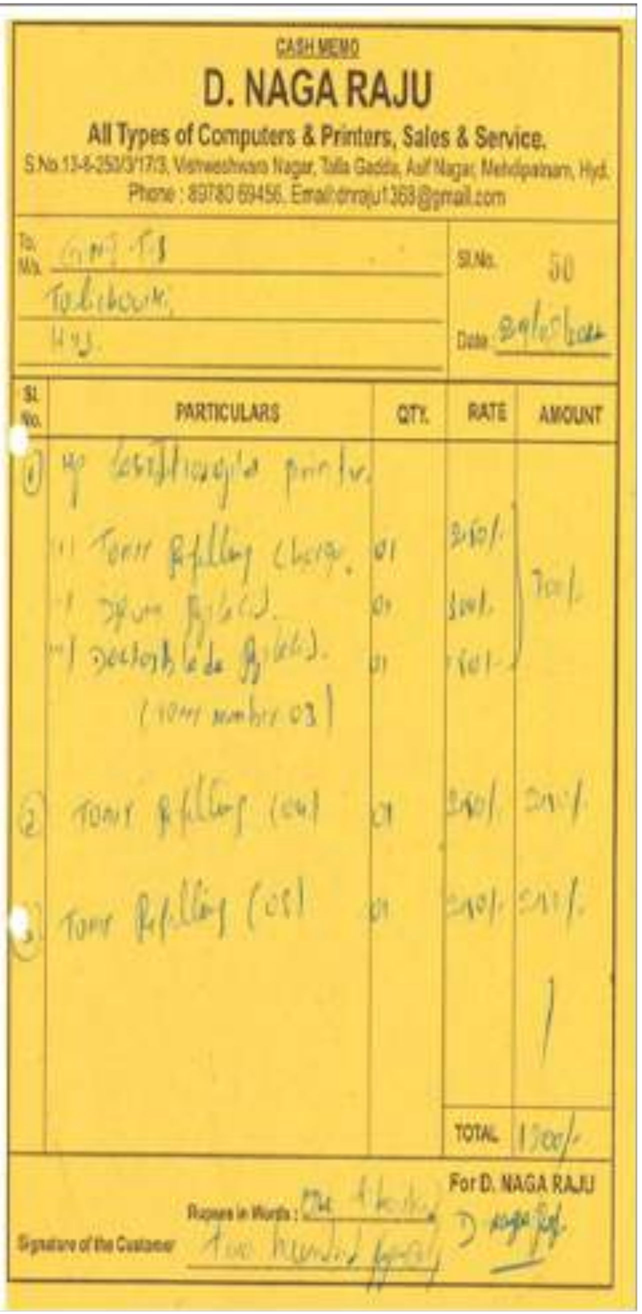
PRINCIPAL

Problem rectified on (Date & Time):

Activities done (Remarks by Technician):

Remarks by Complainant: Work done

Complainant Signature Technician Signature Signature of the HOD Concerned PRINCIPAL



CASH MEMO

D. NAGA RAJU

All Types of Computers & Printers, Sales & Service.

S.No.13-6-250/3/17/3, Vishweshwara Nagar, Talla Gadda, Asif Nagar, Mehdipatnam, Hyd.
Phone : 89780 69456, Email:dnraju1268@gmail.com

To: M/s. GNITS
Tolichowki,
Hyd.

Sl.No. 50

Date 28/10/2023

Sl. No.	PARTICULARS	QTY.	RATE	AMOUNT
1	HP [illegible] printer			
	i) Toner Refilling charge.	01	250/-	700/-
	ii) Drum Replaced.	01	300/-	
	iii) Doctor blade Replaced.	01	150/-	
	(room number 03)			
2	Toner Refilling (04)	01	250/-	250/-
3	Toner Refilling (05)	01	250/-	250/-
			TOTAL	1200/-

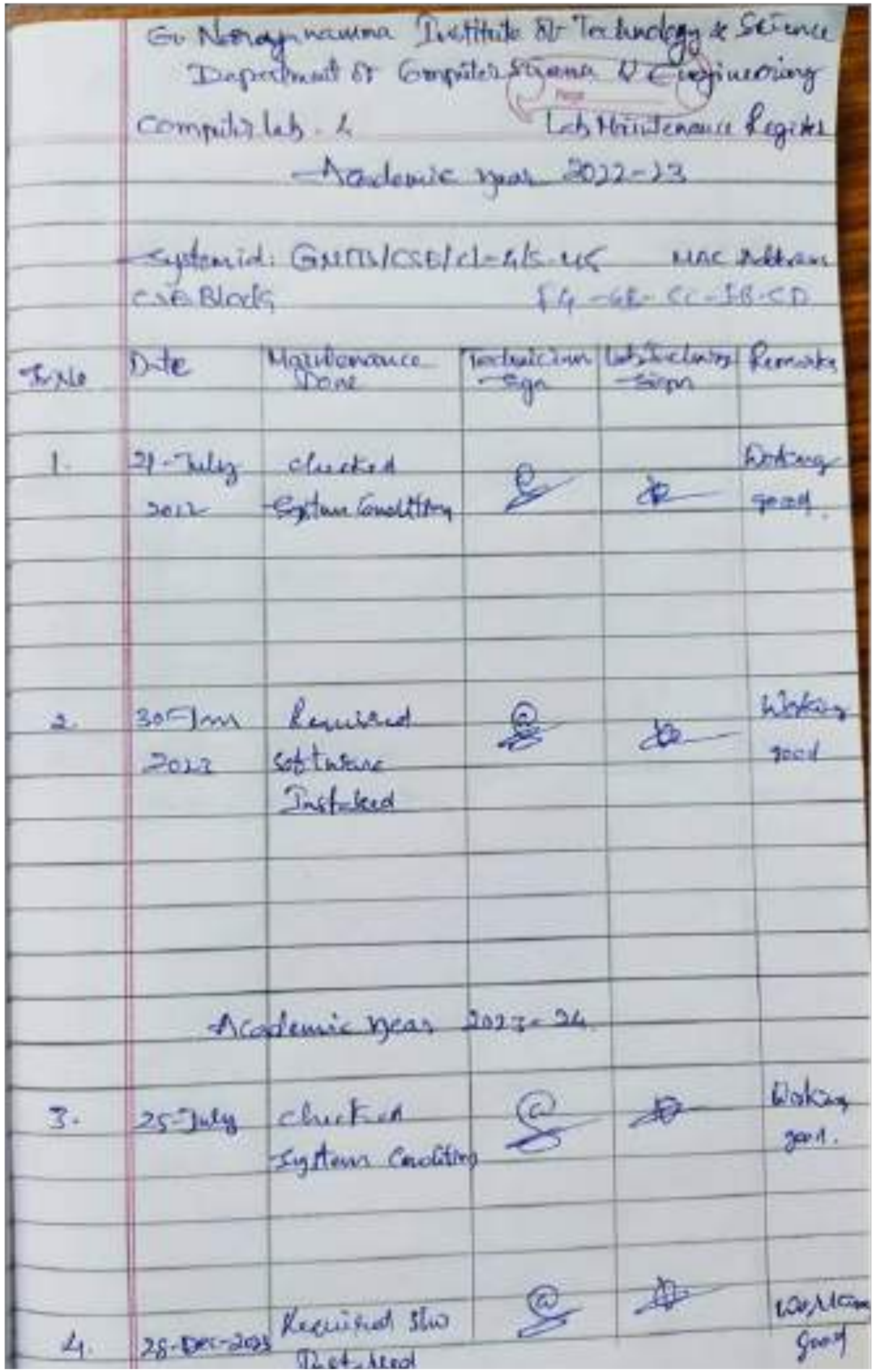
Rupees in Words : One thousand two hundred only

Signature of the Customer

For D. NAGA RAJU

D. Naga Raju

Figure 6.2.2: Maintenance receipts of printer



G. Narayanamma Institute of Technology & Science
Department of Computer Science & Engineering
Computer lab - 2 Lab Maintenance Register

Academic year 2022-23

System id: GNITS/CSE/CL-2/S-45 MAC Address
CSE Block F4-6E-CC-1B-5D

S.No	Date	Maintenance Done	Technician Sign	Lab Incharge Sign	Remarks
1.	21-July 2022	Checked System Condition			Working good.
2.	30-Jan 2023	Required software Installed			Working good
		Academic Year 2023-24.			
3.	25-July	Checked System Condition			Working good.
4.	28-Dec-2023	Required S/w Installed			Working Good

Figure 6.2.3: Maintenance Register

Ambience:

1.Laboratories are well maintain with good ventilation.

2.Department has fully equipped laboratories which cater to the program as per curriculum requirements.

3.Charts and models are exhibited in the laboratories to enhance students' knowledge.

4.Each system is assigned a unique number for easy identification.

5.Laboratories are equipped with sufficient hardware and licensed software to run program-specific curriculum and beyond.

6.All laboratories are equipped with whiteboards, projector facilities and LAN/Wi-Fi access points. Is shown in fig 6.2.4

7.The lists of experiments that are carried out are displayed in all laboratories.

8.The laboratories are maintained with spacious seating capacity, quality furniture, and air conditioning to -1, 2, 3,4 and 10.

9.All laboratories are well ventilated.

10.Smart boards are fixed in computer laboratories-3 & 10 and laser printers are available in computer laboratories-1,3,4,6, & 8. Smart board is displayed as shown in fig 6.2.5.

11.Laboratories and Department library are available for faculty and students to carry out research work and academic projects.

12.Racks are available in each laboratory for students to place their belongings.

13.Weekly cleaning ensures cleanliness and hygiene of laboratory floors.

14.Footwear is kept outside the laboratories to maintain cleanliness.

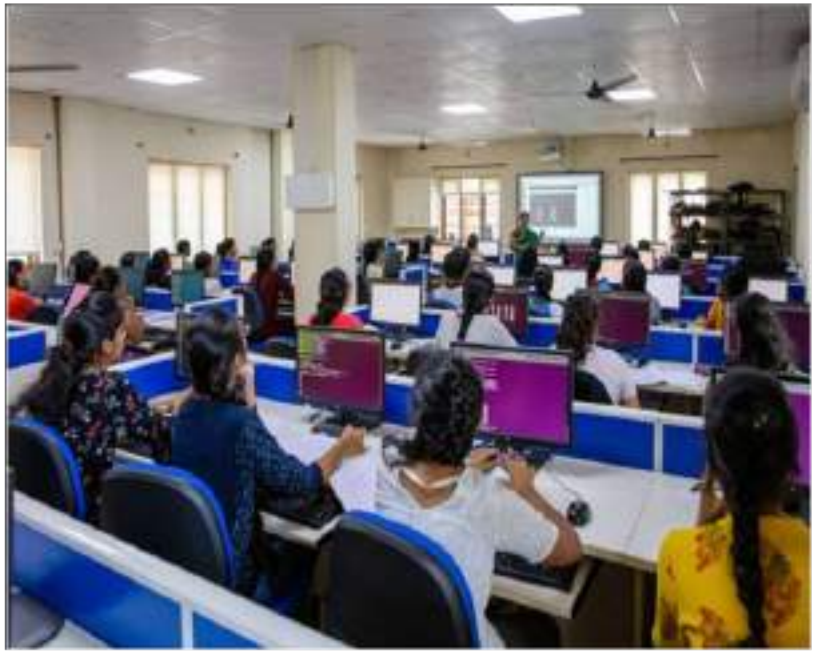


Figure 6.2.4: Ambience of Computer Laboratory-10 Laboratory

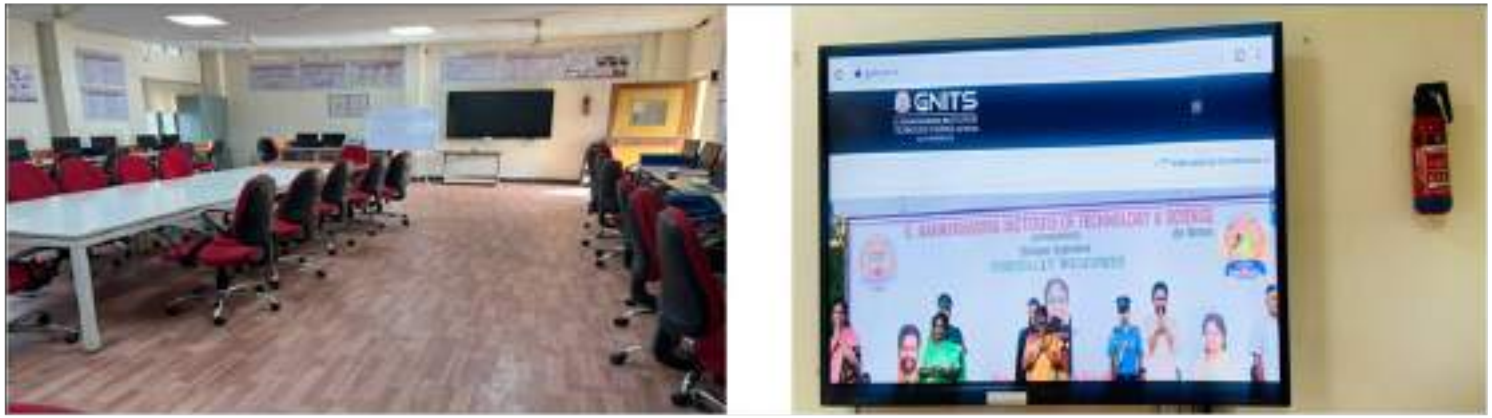


Figure 6.2.5: Ambience of Computer Laboratory-11 Laboratory

The laboratories are supervised by proficient programmers who closely monitor students activities. To maintain their proficiency and stay updated with advancements in their field, these programmers participate in various professional development opportunities. These may include workshops, training programs, and faculty development programs, among others. Detailed information about the specific workshops, training sessions, and programs attended by these programmers is given and can be referenced in Tables 6.2.1 through 6.2.3.

Table 6.2.1: Workshops/FDPs/Training Programs for Academic Year 2022-23

S.No	Name	Name of FDP/Workshop / Training Program	Organization
1	M.Kiran	Effective communication skills at workplace	GNITS
2	M.RAMA	30 days Master class on Machine Learning	Pantech
3	T.Venkata Subbamma	Python Programming	GNITS
4	T.Venkata Subbamma	Effective communication skills at workplace	GNITS
5	T.Venkata Subbamma	Hands on Practice of Domestic Appliance	GNITS
6	T. Venkata Subbamma	Practical Embedded Systems	GNITS
7	M.RAMA	30 days Java Fullstack 2.0 Master class	Panteh
8	T. Venkata Subbamma	Spoken English	Great Learning
9	M Kiran	Effective Communication Skills at Workplace	GNITS
10	M Kiran	Practical Embedded Systems	GNITS
11	M.RAMA	Effective Communication Skills at Workplace	GNITS
12	B Syam Sundar Reddy	Effective Communication Skills at Workplace	G. Narayanamma Institute of Technoligy & Science
13	B Syam Sundar Reddy	Hands on Practice of Domestic Appliances	G. Narayanamma Institute of Technoligy & Science
14	M.RAMA	Practical Embedded Systems	GNITS
15	B Syam Sundar Reddy	Practical Embedded Systems	GNITS
16	M.RAMA	Python Programming	GNITS
17	M.RAMA	Hands on Practice Domestic Appliances	GNITS

18	L.Bhumika	Effective Communication Skills at Workplace	GNITS
19	L.Bhumika	Hands on practice of Domestic Applinces	GNITS
20	N Radhika	Python Programming	GNITS
21	M.Divya Prardhana	Domestic Appliances	GNITS
22	M.Divya Prardhana	Python Programming	GNITS
23	M.Divya Prardhana	Effective Communication Skills at Workplaces	GNITS

Table 6.2.2: Workshops/FDPs/Training Programs for Academic Year 2021-22

S.No	Name	Name of FDP/Workshop/ Training Program	Organization
1	T. Venkata Subbamma	HTML	Great Learning
2	T.Venkata Subbamma	Machine Learning	Great Learning
3	M.RAMA	Predictive Analytics and Business Inetligence	NIT Warangal
4	T.Venkata Subbamma	Python Fundamentals for Beginners	Great Learning
5	B Syam Sundar Reddy	Mentoring Pedagogy & Techniques for Enriched Learning Experience to Diversified Learners in Technical Education	Ministry of Elecctronics & Information Technology(MeitY) GoI, organised by E&ICT, NIT Warangal and GNITS
6	B Syam Sundar Reddy	Predictive Analytics & Business Intelligence	Ministry of Electronics & Information Technology(MeitY) GoI, Organised by E&ICT Acamedy, NIT Warangal & GNITS
8	M.Divya Prardhana	Skill Development for Laboratory Technicians	GNITS

Table 6.2.3: Workshops/FDPs/Training Programs for Academic Year 2020-21

S.No	Name	Name of FDP/Workshop/ Training Program	Organization Name

1	B Syam Sundar Reddy	Data Science and AI Using Python	Andhra Pradesh State Skill Development Corporation(APSSDC)
2	B Syam Sundar Reddy	Wearable Devices	AICTE Training & Learning (ATAL) Academy

6.3 Safety measures in laboratories (10) Total Marks 10.00

Institute Marks : 10.00

Sr. No	**Laboratory Name**	**Safety Measures**
1	Computer Laboratory-1	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
2	Computer Laboratory-2	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
3	Computer Laboratory-3	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
4	Computer Laboratory-4	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
5	Computer Laboratory-5	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
6	Computer Laboratory-6	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic UPS and Computer servicing is done.

7	Computer Laboratory-7	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic UPS and Computer servicing is done.
8	Computer Laboratory-8	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
9	Computer Laboratory-9	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic UPS and Computer servicing is done.
10	Computer Laboratory-10	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
11	Computer Laboratory-11	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic UPS and Computer servicing is done.
12	Computer Laboratory-12	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.
13	Computer Laboratory-13	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do's & Don'ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic AC, UPS and Computer servicing is done.

14	Computer Laboratory-14	• Fire extinguishers are installed in all laboratories for safety precautions. • Fire hydrants are installed on the premises for firefighting purposes in every floor. • Proper earthing is ensured to prevent damage from overload or short circuits. • UPS facilities are in place to provide backup power support. • Do’s & Don’ts and Safety rules are displayed in each laboratory. • Students are strictly prohibited using Pen drives and mobile phones in the Lab. • First aid kits are readily available for emergencies. • Periodic UPS and Computer servicing is done.

6.4 Project laboratory (20)

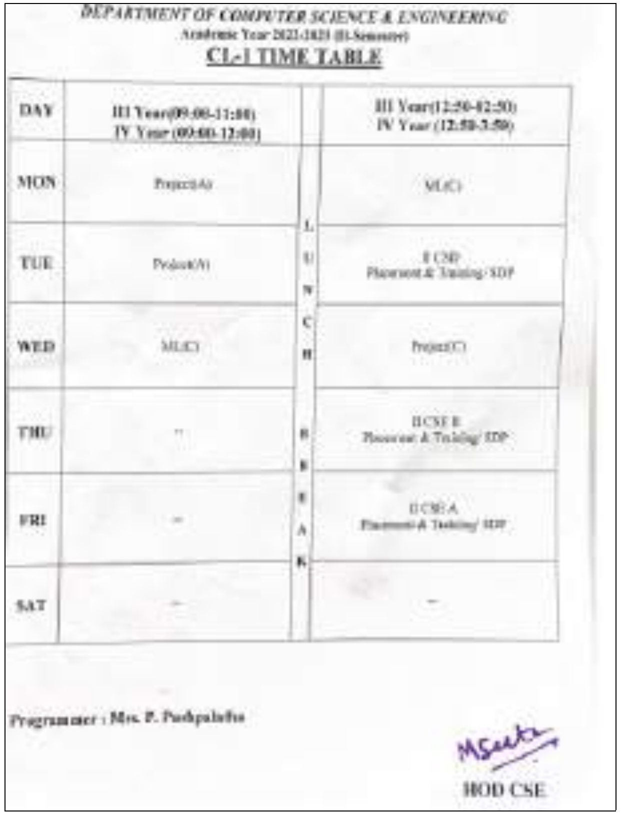
Total Marks 20.00

Institute Marks : 20.00

Project Laboratory /Facilities

The CSE department offers lab slots for students to work on their project ideas, fostering hands-on experience and bringing their concepts to life as executable projects. Here are key aspects of the Project Laboratory:

1. Several successful projects have been carried out by students in these labs.
2. High speed internet facilities are always available to these systems.
3. Final year projects and mini projects of all semesters are carried out in these labs as shown in Figure.6.4.1.
4. There are a total of **14 laboratories**, with one designated for postgraduate students and the remaining 13 designated for undergraduate students.
5. Laboratories are utilized for curriculum lab, Project Work and for conducting Hackathons as shown in Figure.6.4.2.
6. To execute content beyond syllabus programs laboratories are installed with open source soft ware.
7. The laboratories are accessible to students and research scholars beyond regular college hours, allowing them to engage in curriculum projects and research endeavors.
8. The details of project lab are depicted in Table. 6.4.1.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Academic Year 2022-2023 (II-Semester)
CL-1 TIME TABLE

DAY	III Year(09:00-11:00) IV Year (09:00-12:00)		III Year(12:50-02:50) IV Year (12:50-3:50)
MON	Project(A)		ML(C)
TUE	Project(A)	LUNCH	II CSD Placement & Training/ SDP
WED	ML(C)		Project(C)
THU	''	BREAK	II CSE B Placement & Training/ SDP
FRI	--		II CSE A Placement & Training/ SDP
SAT	--		--

Programmer : Mrs. P. Pushpalatha

MSeeta
HOD CSE

Figure :6.4.1: Cl-1 Lab Utilization

S. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

Figure :6.4.2: CL-3 Lab Utilization beyond College Hours

Table. 6.4.1. Laboratory Details

S.No	Name of Laboratories	Name of the Center	Details of Equipment
1	Computer Laboratory-1	AR-VR CoE & Curriculum Lab	**Hardware:** HP Pro 280 GBMT: i5 Processor, 16 GB RAM, 512 GB SSD HP 280 G6 MT: i5 Processor, 16 GB RAM, 512 GB SSD Lenovo Neo 50S: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Unity, Anaconda, Python, R Studio, Weka, Ubuntu, gcc compiler **Facilities:** Printer

2	Computer Laboratory-2	CoE for Advanced Research in AI & Curriculum Lab	**Hardware:** Lenovo Neo 50S: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Anaconda, Python, R Studio, Weka **Facilities:** LCD Projector
3	Computer Laboratory-3	IoT enabled Center of Excellence & Curriculum Lab	**Hardware:** HP 280 G6 MT: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Ubuntu, gcc compiler, Anaconda navigator, Jupyter NoteBook, Tableau Hadoop, XAMPP, Net beans IDE , MySQL **Facilities:** LCD Projector, Raspberry pi 4, SD Cards & Cables, IoT Sensors BOM, Actuators BOM, Display Boards BOM, RoHS Compliant, Nvidia Jetson Nano, Jetson TX2 Developer Kit Board and D-EYE & Diy Drone Cam
4	Computer Laboratory-4	Center for Assistive Technology & Curriculum Lab	**Hardware:**Lenovo Neo 50S: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Java, Eclipse, Anaconda, Python, Jupyter, Weka, Hadoop, Xampp, Java 8, Unity, Aurdino IDE, Netbeans IDE, Eclispse IDE **Facilities:** Printer, LCD Monitor, Intel Modules Real Sense Depth Camera D435 RoHS Compliant, Intel Modules Real Sense Depth Camera D415 RoHS Compliant

5	Computer Laboratory-5	Curriculum Lab	**Hardware:** Dell Optiplex 3070 MT: i5 Processor, 16 GB RAM, 1 TB HDD **Software:** Java, Eclipse **Facilities:** LCD Projector
6	Computer Laboratory-6	Center for Data Analytics & Curriculum Lab	**Hardware:** Lenovo Neo 50S – i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Anaconda, Python, Java, Weka, miKTeX, Xampp, Apache Hadoop, Apache Spark, Apache Flink, Tableau, Ubuntu, gcc compiler **Facilities:** Printer, LCD Projector
7	Computer Laboratory-7	Center for Cloud Computing & Curriculum Lab	**Hardware:** HP Pro 280G2: i3 Processor, 4 GB RAM, 1 TB HDD Lenovo Neo 50S: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Dev C++, Java, Eclipse IDE, Python, MySQL/ Oracle 10g. **Facilities:** LCD Projector
8	Computer Laboratory-8	Curriculum Lab	**Hardware:** Dell Optiplex 3070 MT: i5 Processor, 16 GB RAM, 1 TB HDD HP Pro 280 GBMT: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** MS Office 2016, MiKTeX, Xampp **Facilities:** Printer, LCD Projector

9	Computer Laboratory-9	Project Lab for PG Students	**Hardware:** DELL VOSTRO 3669: i3 Processor, 8 GB RAM, 1TB HDD, LENOVO Thinkcenter NEO 50S GEN3 Desktop (SFF) CORE i5-12400/16 GB RAM 512GB SSD, keyboard & Mouse. **Software:** Eclipse IDE ,Anaconda , Rstudio, Mysql
10	Computer Laboratory-10	Curriculum Lab & Project Lab	**Hardware:** HP 280 G3 SSF: i5 Processor, 8 GB RAM, 1 TB HDD Dell Vostro 3669: i3 Processor, 8 GB RAM , 1 TB HDD **Software:** Ubuntu, gcc compiler **Facilities:** Printer, Smart Board
11	Computer Laboratory-11	CoE for Deep Learning in Eye Diseases Prognosis & Curriculum Lab	**Hardware:** HP 280 G6 MT: i5 Processor, 16 GB RAM, 512 GB SSD SUPERMICRO SUPER SERVER SYS-730A-I **Software:** Ubuntu, gcc compile, Dataset from AIMERS + labeling, DR, Glaucoma and ARMD datasets from LVPEI datasets **Facilities:** ODOC NUN Fundus Capturing Device, D-Eye Fundus capturing device for iPhone 6 Plus / 6s Plus, Snapmaker 2.0 A350, Snapmaker Rotary Module, Snapmaker A350 3D Printer, Smart Board, Laser Printer

12	Computer Laboratory-12	Curriculum Lab & Project Lab	**Hardware:** HP 280 G6 MT: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Hadoop, Hbase, Hive, Pig, Spark installed **Facilities:** Smart Board
3	Computer Laboratory-13	Curriculum Lab & Project Lab	**Hardware:** HP 280 G6 MT: i5 Processor, 16 GB RAM, 512 GB SSD **Software:** R Studio, R Tool **Facilities:** Smart Board
14	Computer Laboratory-14	Curriculum Lab	**Hardware:** HP 280 G6 : i5 Processor, 16 GB RAM, 512 GB SSD **Software:** Python , JDK, MySQL and Eclipse

The projects developed under various Centers of Excellence (CoEs) and Research Centers (RCs), which were submitted for funding from different agencies and subsequently published in prestigious journals and conferences, along with patents, are outlined in Table 6.4.2. And Table 6.4.3 presents data organized by academic years.

Table 6.4.2: Summary of Projects, Proposal, Patents and Publications

S.No	Name of Center	No. of Projects	Proposals	Patents	Journal/ Conference Publications
1	IoT enabled Center of Excellence	23	7	6	8
2	CoE for Advanced Research in AI	25	11	02	19
3	CoE for Deep Learning in Eye Diseases Prognosis	46	05	02	17
4	AR-VR CoE	11	01	01	04
5	Center for Data Analytics	11	02	03	20
6	Center for Assistive Technology	54	07	02	23

7	Center for Cloud Computing	05	-	-	06
Total		**91**	**28**	**16**	**75**

Table 6.4.3: Outcome of Research Laboratories for each Academic year

	A.Y. 2022-23	**A.Y. 2021-22**	**A.Y. 2020-21**
Funding proposals applied / granted	11	9	14
Journal/ Conference / Books Publications	205	48	43
Patents	11	6	6
Startups	1	0	0
Awards	2	1	1

The Department of Computer Science & Engineering has been dedicated to advancing research and development. The department actively engages in both department-centric research activities. To facilitate these endeavors, we have established specialized research laboratories catering to the needs of both faculty and students.

Our commitment to providing advanced research facilities is exemplified by the presence of four Centers of Excellence (CoEs) and three Research Centers (RCs), as listed in Table 6.4.4 along with their collaborating agencies. These centers are well-equipped with High-End Computing GPU servers and Supermicro Super Server Systems, enabling researchers to delve into large datasets within the realms of Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Data Analytics, AR/VR, IoT, Assistive device development, and Cloud Computing domains. This robust infrastructure empowers our academic community to push the boundaries of knowledge and innovation in these rapidly evolving fields. Faculty and students conduct their research projects in this dedicated project laboratory. The identified prototypes are applied for funded agencies, published in reputed journals/ conferences and the innovative ideas are applied for patents.

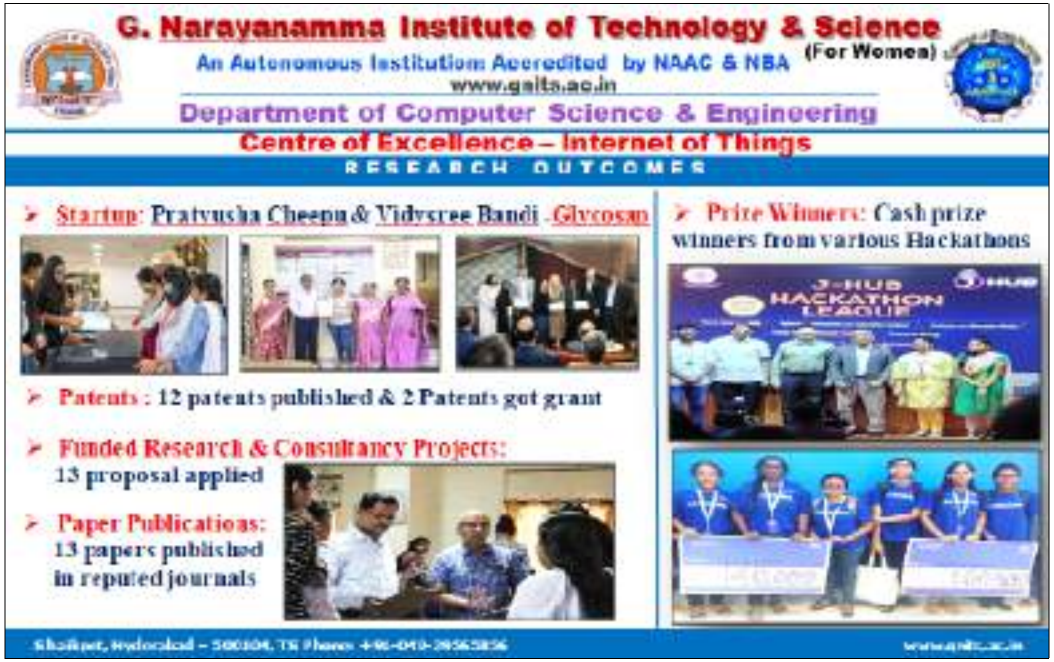
Table 6.4.4: Centers of Excellence/ Research Centers

S. No	**Center of Excellence**	**Collaborating Agency**
1.	IoT enabled CoE	AICTE & M/s Smart Bridge
2.	CoE for Advanced Research in AI	AICTE Sponsored
3.	CoE for Deep Learning in Eye Diseases Prognosis	DST & L V Prasad Eye Hospital
4	AR-VR CoE	Cymax Infotainment Private Limited
Research Centers		

S. No	Center of Excellence	Collaborating Agency
5.	Center for Data Analytics	
6.	Center for Assistive Technology	
7.	Center for Cloud Computing	

IoT enabled CoE (https://www.gnits.ac.in/iot-analytics/)

This CoE is established with AICTE MODROBS Fund in CSE Department during 2017. This lab is set up with MOU in association with Smart Bridge Pvt. Ltd. A Center of Excellence (CoE) dedicated to the Internet of Things (IoT) typically serves as a specialized hub within an organization, focused on advancing and optimizing IoT-related initiatives. The primary objective of an IoT Center of Excellence is to facilitate innovation, research, development, and deployment of IoT technologies to drive business value. The center is established to upgrade the skill among students that eventually lead to innovation in the technology areas and development of smart systems with commercial value. IoT Centre of Excellence provides a platform for students and faculty to work closely with the industry and utilize both the resources in the best possible manner. The lab is facilitated with 34 systems and IoT kits worth Rs. 6 Lakhs to develop projects.



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Department of Computer Science & Engineering

Centre of Excellence – Internet of Things

RESEARCH OUTCOMES

- Startup: Pratyusha Cheepu & Vidysree Bandi - Glycosan
- Patents : 12 patents published & 2 Patents got grant
- Funded Research & Consultancy Projects: 13 proposal applied
- Paper Publications: 13 papers published in reputed journals
- Prize Winners: Cash prize winners from various Hackathons

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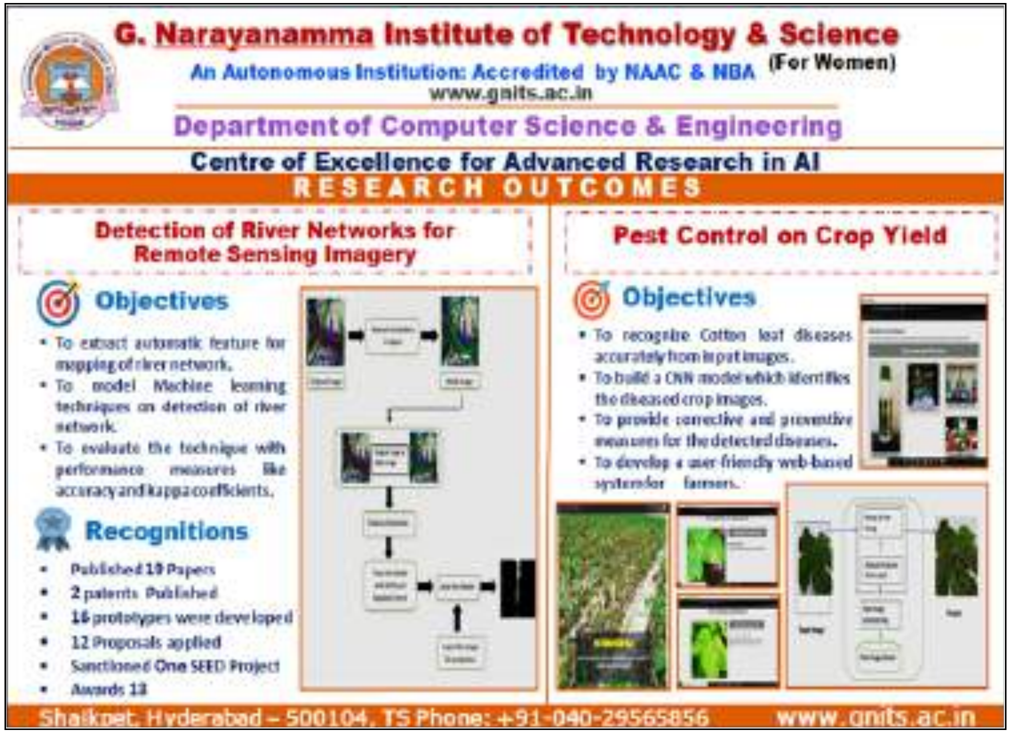
CoE for Advanced Research in Artificial Intelligence

This center is to enhance students' skills in the realm of Artificial Intelligence and Machine Learning, leveraging Python technology. To achieve this goal, the center consistently organizes technical training programs, workshops, and guest lecturers tailored for both faculty and students. Its central focus lies in guiding students through the process of designing project frameworks for their endeavors in the field of Artificial Intelligence, ensuring necessary tools to successfully implement in-house academic projects which further leads to submission of proposals to various funding agencies.



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www.gnits.ac.in
Department of Computer Science & Engineering
Centre of Excellence for Advanced Research in AI
RESEARCH OUTCOMES

Detection of River Networks for Remote Sensing Imagery

Objectives

- To extract automatic feature for mapping of river network.
- To model Machine learning techniques on detection of river network.
- To evaluate the technique with performance measures like accuracy and kappa coefficients.

Recognitions

- Published 19 Papers
- 2 patents Published
- 16 prototypes were developed
- 12 Proposals applied
- Sanctioned One SEED Project
- Awards 13

Pest Control on Crop Yield

Objectives

- To recognize Cotton leaf diseases accurately from input images.
- To build a CNN model which identifies the diseased crop images.
- To provide corrective and preventive measures for the detected diseases.
- To develop a user-friendly web-based system for farmers.

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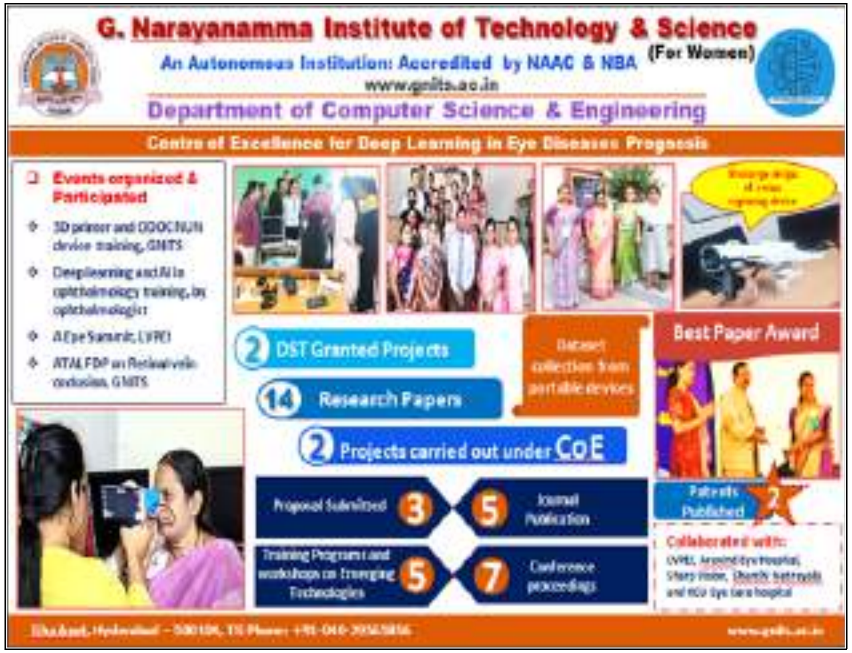
CoE for Deep Learning in Eye Diseases Prognosis

This CoE initiates the detection of eye diseases like diabetic retinopathy, age related macular degeneration, glaucoma and cataract are important as there is a high risk of vision loss with growing age. It is essential to have a monitoring and predictive analytics system for the prevalence and the diagnosis of eye diseases to avoid the future risks. Eye Disease is the primary cause of blindness among adults due to optic nerve damage by an increase in intraocular pressure within the eye. There is a need of designing a pre- screening tool for the early detection of eye diseases for the elderly people. This can be utilized ophthalmologists time effectively for the needy people with severe eye disease.



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Department of Computer Science & Engineering

Centre of Excellence for Deep Learning in Eye Diseases Prognosis

❑ Events organized & Participated

- 3D printer and ODOCNUN device training, GNITS
- Deeplearning and AI in ophthalmology training, by ophthalmologist
- AI Eye Summit, LVPEI
- ATAL FDP on Retinal vein occlusion, GNITS

2 DST Granted Projects

14 Research Papers

2 Projects carried out under CoE

Dataset collection from portable devices

Best Paper Award

Proposal Submitted 3

5 Journal Publication

Training Programs and workshops on Emerging Technologies 5

7 Conference proceedings

Patents Published 2

Collaborated with:
LVPEI, Aravind Eye Hospital, Sharp Vision, Shanthi Netralaya and HCU Eye care hospital

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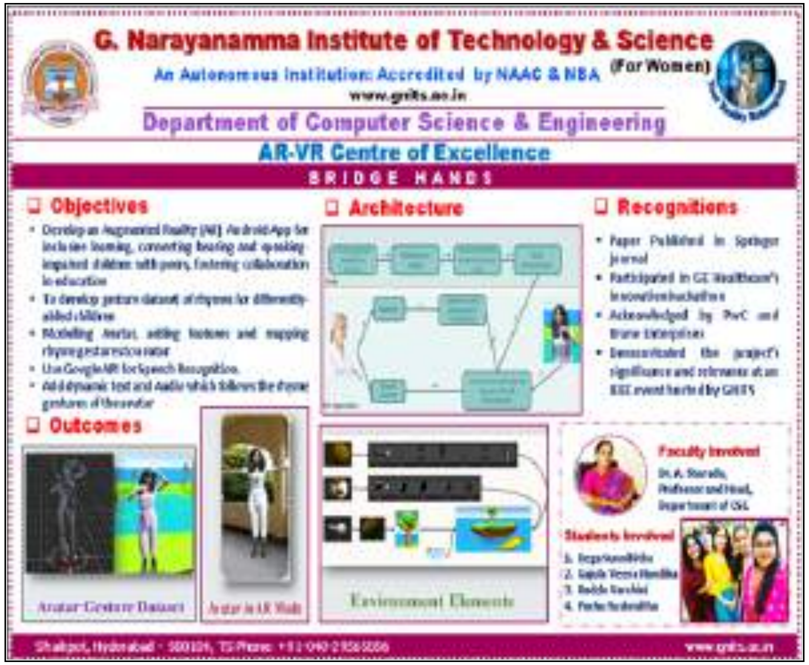
AR – VR Centre of Excellence

Established a state-of-the-art research, development, and testing centre exclusively devoted to advancing augmented and virtual reality (AR/VR) applications. The primary emphasis within this Centre of Excellence (CoE) is on educational initiatives, utilizing AR/VR solutions to enhance classroom interactions and democratize learning opportunities at every educational level. Our overarching goals encompass the exploration of technology in novel and captivating manners, the development of secure training initiatives, the enhancement of educational methodologies, and the creation of exceptional applications to enrich the overall virtual and augmented reality experience



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Department of Computer Science & Engineering
AR-VR Centre of Excellence
BRIDGE HANDS

❑ Objectives

- Develop an Augmented Reality (AR) Android App for inclusive learning, connecting hearing and speaking impaired children with peers, fostering collaboration in education
- To develop gesture dataset of rhymes for differently-abled children
- Modelling Avatar, adding textures and mapping rhyme gestures to avatar
- Use Google API for Speech Recognition.
- Add dynamic text and Audio which follows the rhyme gestures of the avatar

❑ Architecture

❑ Recognitions

- Paper Published in Springer Journal
- Participated in GE Healthcare's Innovation hackathon
- Acknowledged by PwC and Brane Enterprises
- Demonstrated the project's significance and relevance at an IEEE event hosted by GNITS

❑ Outcomes

Avatar Gesture Dataset

Avatar in AR Mode

Environment Elements

Faculty Involved
Dr. A. Sharada,
Professor and Head,
Department of CSE

Students Involved

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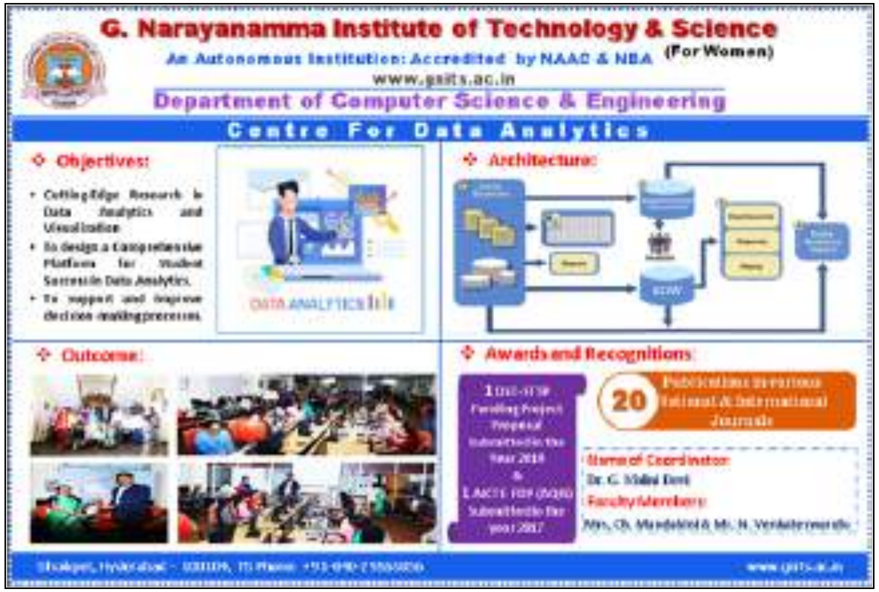
Centre for Data Analytics

Facilities of Data Analytics, established in 2021 is a research centre dedicated to advancing the frontier of data analytics, fostering innovation, and addressing complex challenges in the ever-evolving landscape of information and technology. Our multidisciplinary approach brings together experts from various fields to explore, develop, and apply state-of-the-art techniques in data analytics.

The primary mission of the Data Analytics centre is to drive transformative discoveries and solutions through the exploration and analysis of vast and diverse datasets. By leveraging advanced methodologies and technologies, the research centre aims to unlock actionable insights that empower decision-makers across industries, thereby contributing to societal progress and technological advancement.



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Department of Computer Science & Engineering
Centre For Data Analytics

Objectives:
- Cutting Edge Research in Data Analytics and Visualization
- To design a Comprehensive Platform for Student Success in Data Analytics.
- To support and improve decision-making processes.

Architecture:

Outcome:

Awards and Recognitions:

1 DST-[illegible] Funding Project Proposal submitted in the Year 2018 & 1 AICTE FDP [illegible] Submitted in the year 2017

20 Publications in various National & International Journals

Name of Coordinator:
Dr. G. Malini Devi
Faculty Members:
Mrs. Ch. [illegible] & Mr. N. [illegible]

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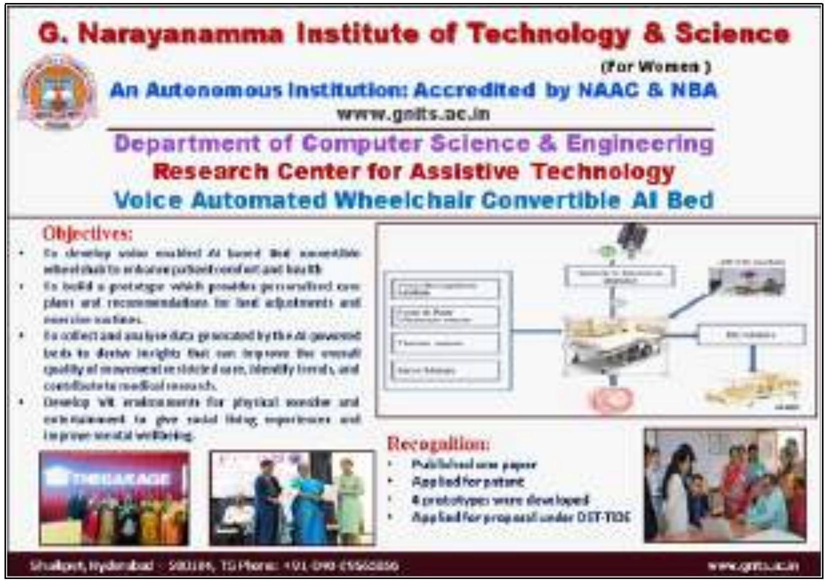
Research Centre for Assistive Technology:

The Centre of Assistive Technology, established in 2018, is a dynamic hub dedicated to advancing accessibility and inclusivity through innovative technological solutions. Committed to community outreach and education, the centre raises awareness about the importance of accessibility in technology and adapts its programs to develop devices, which help elderly, mental health issues in rural women and screening development disorders in children. Through collaborative research initiatives, the centre has submitted proposals to various funding agencies and developed prototypes resulting in patents and publications.



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Department of Computer Science & Engineering
Research Center for Assistive Technology
Voice Automated Wheelchair Convertible AI Bed

Objectives:
- To develop voice enabled AI based bed convertible wheelchair to enhance patient comfort and health
- To build a prototype which provides personalized care plans and recommendations for bed adjustments and exercise routines.
- To collect and analyse data generated by the AI powered beds to derive insights that can improve the overall quality of movement restricted care, identify trends, and contribute to medical research.
- Develop VR environments for physical exercise and entertainment to give social living experiences and improve mental wellbeing.

Recognition:
- Published one paper
- Applied for patent
- 4 prototypes were developed
- Applied for proposal under DST-TIDE

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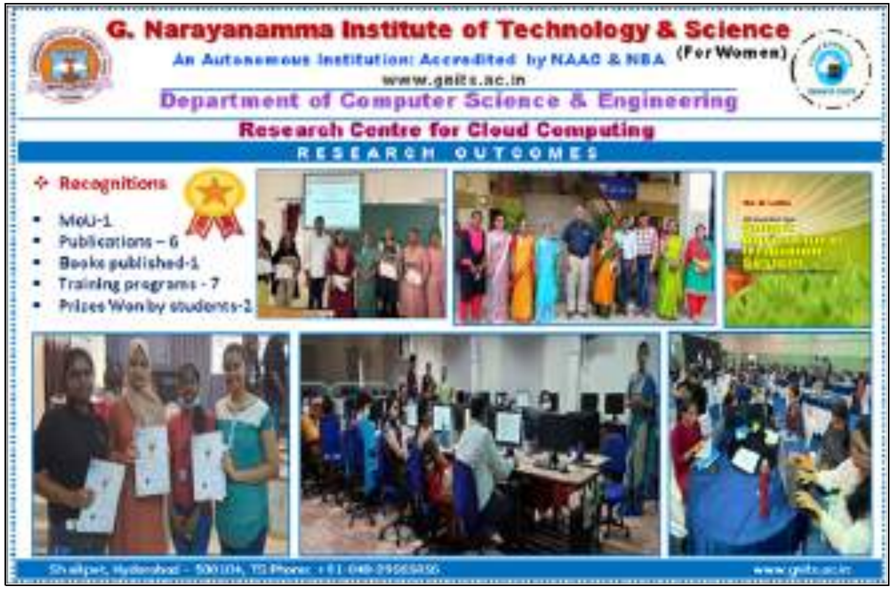
Research Centre for Cloud Computing:

The Cloud Computing encapsulates an organization’s strategic approach to leveraging cloud technologies for enhanced operational efficiency, scalability, and innovation. This outlines key facets such as services offered, infrastructure, security measures, and the organization’s commitment to meeting evolving business needs. To revolutionize organizational operations and technological landscapes by harnessing the power of cloud computing. Our mission is to provide scalable, secure, and innovative cloud solutions that empower businesses to thrive in the digital era. Center is committed to delivering cutting-edge services, fostering collaboration, and ensuring the seamless integration of advanced technologies to drive efficiency, flexibility, and sustainable growth for our clients.



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Department of Computer Science & Engineering

Research Centre for Cloud Computing

RESEARCH OUTCOMES

✧ Recognitions

- MoU-1
- Publications – 6
- Books published-1
- Training programs - 7
- Prizes Won by students-2

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Table 6.4.5 outlines additional facilities catered towards project development. These additional facilities serve to enhance the project’s framework by providing resources and support beyond the essential requirements, potentially bolstering efficiency and effectiveness in its execution.

Table 6.4.5: Additional facilities created for improving the quality of learning experience in laboratories

S.No	Facility Name	Details	Reason for creating facility	Utilizations	Areas in which students are expected to have enhanced learning
1	Apple Mac Lab	MAC Lab	For research and project activities.	Projects and research work	Web applications

2	Research on IoT device development	**Components:** Raspberry pi 4, SD Cards & Cables, IoT Sensors BOM, Actuators BOM, Display Boards BOM, RoHS Compliant, Nvidia Jetson Nano, Jetson TX2 Developer Kit Board and D-EYE & Diy Drone Cam	For research and project activities.	Projects and research work	Device Development
3	Research on Deep Learning in Eye Diseases Prognosis	**Components:** ODOC NUN Fundus Capturing Device, D-Eye Fundus capturing device for iPhone 6 Plus / 6s Plus, Snapmaker 2.0 A350, Snapmaker Rotary Module, Snapmaker A350 3D Printer	For research and project activities.	Projects and research work	Application development, Device Development

4	E-Learning facility	• IEEExplore digital library • Delnet • J-gate • Ndl • Swayam-nptel • Aicte-e-kumbh • Vidwan database • Irins • Knimbus remote access	• To enhance teaching learning. • For Conducting research and project activities. • To gain insights into recent advancements in science and technology.	• To enhance self learning skills. • To carry project works. • To participate in paper/ poster presentation and technical seminars.	• Research activity. • Recent trends in engineering. • Project development.
5	Open source tools • Anaconda • Hadoop • net beans • MySQL • MiKTeX • OLAP • WEKA • Xampp • NS-2 • PRAAT • NLT KIT • Arduino • Tasm	Computer Lab 1 Computer Lab 2 Computer Lab 3 Computer Lab 4 Computer Lab 6 Computer Lab 7	For research and project activities Students can verify theoretical concepts in a practical environment .It is helpful for the analysis of problems	Projects and research work	Research and Project work

6	Department Library 	CSE Block	• To foster academic excellence and intellectual growth. • To provide reference facilities, information for seminar, laboratory, projects, • To know about the past research activities undertaken by the students.	To enhance knowledge.	• For critical thinking • To improve writing and communication skills. • To improve academic performance. • To upgrade subject knowledge. • Problem-solving skills
7	Wi Fi (1000Mbps)	Throughout the Campus and hostel	Facility to staff and students for enhancing Teaching Learning	To enhance knowledge.	More knowledge apart from curriculum, 24×7 access to learning. resources
8	Plagiarism Checking Tool – Turnitin	Facility to staff and students	To assist students and researchers in verifying the originality of their work and ensuring proper citation practices.	Available to staff and students	-

7 CONTINUOUS IMPROVEMENT (75)

Total Marks 75.00

7.1 Actions taken based on the results of evaluation of each of the COs, POs & PSOs (30)

Total Marks 30.00

Institute Marks : 30.00

POs Attainment Levels and Actions for Improvement- (2022-23)

POs	Target Level	Attainment Level	Observations

PO 1 : Engineering Knowledge

PO 1	2.1	2.15	Target level has been achieved for PO1

Actions taken: 1. Bridge course in mathematics is conducted for students. 2. Students are encouraged to take NPTEL courses. 3. Students are encouraged to participate in code contest and hackathons.

PO 2 : Problem Analysis

PO 2	2.1	2.13	Target level has been achieved for PO2

Actions taken: 1. Tutorial classes are conducted on programming languages and problem-solving subjects to enhance coding skills. 2. Students are encouraged to take up industry related internships. 3. Training session were conducted to build Machine Learning models.

PO 3 : Design/development of Solutions

PO 3	2.1	2.14	Target level has been achieved for PO3

Actions taken: 1. In subjects like Software Engineering and Machine Learning complex assignments are given to design the solutions for real world problems. 2. Design thinking course was introduced in revised curriculum. 3. Training session are conducted on front end and back end technologies for Application Development.

PO 4 : Conduct Investigations of Complex Problems

PO 4	2.0	2.04	Target level has been achieved for PO4

Actions taken: 1. C skill test, Java skill test are conducted to improve programming skills. 2. Students are motivated to take part in online coding platforms like hackerrank, codechef, and leetcode. 3. Industry experts are invited to give awareness on Internet of Things technologies.

PO 5 : Modern Tool Usage

PO 5	2.1	2.15	Target level has been achieved for PO5

Actions taken: 1. Workshops and Guest lectures are conducted under Cybersuds and CSI technical association to encourage students to give awareness on new technologies to develop Mini and Major Projects. 2. Value Added Courses are organized with Industry resource persons on modern tools usage.

PO 6 : The Engineer and Society

PO 6	2.00	1.99	Target level is not achieved for PO6

Actions taken: 1. Students are encouraged to take up various modern technologies offered as VAC on Internet of Things, Artificial Intelligence, Machine Learning, 3D printing and design, to develop projects to help Society. 2. Students are motivated to participate in Smart India Hackathon, blood donation camps, NSS etc. 3. To reach a higher attainment level tutorial classes are planned for students on Database Management Systems(C214) and Software Engineering(C304).

PO 7 : Environment and Sustainability

PO 7	1.9	1.93	Target level has been achieved for PO7

Actions taken: 1. Encouraged to do eco-friendly and green computing projects. 2. Events such as panel discussions focusing on sustainability are organized within the framework of the WILC 3. Activities like tree plantation and blood donation camps are organized to make students to understand responsibility towards environment and society

PO 8 : Ethics

PO 8	2.0	2.05	Target level has been achieved for PO8

Actions taken: 1. Students are counseled for the overall personality development abiding to the professional ethics. 2. Presentations featuring motivational talks delivered by missionaries are facilitated. 3. Students are encouraged to take memberships in professional chapters like CSI, ISTE, IEEE which helps them to network professionally with others

PO 9 : Individual and Team Work

PO 9	2.0	2.04	Target level has been achieved for PO9

Actions taken: 1. Team spirit is inculcated among students through projects. 2. Students are encouraged to undertake major, minor and hobby project works as a team of students, which provides a platform to work as a group and helps the students to groom the skills of leadership to lead an effective team 3. Students are also encouraged to participate in various co-curricular and extra-curricular activities. 4. Institute level technical fest and Cultural fest also demonstrate their individual and teamwork. 5. Students are encouraged to participate in Smart India Hackathon.

PO 10 : Communication

PO 10	2.0	1.95	Target level is not achieved for PO10

Actions taken: 1. Students are motivated to participate in Technical paper Presentations, Poster Presentation. 2. Seminars are integrated in the curriculum to empower students in honing their communication skills. 3. Implementing training programs aimed at enhancing students soft skills. 4. Students are motivated to participate in national/ international conferences.

PO 11 : Project Management and Finance

PO 11	2.0	1.94	Target level is not achieved for PO11

Actions taken: 1. Students are encouraged to handle financial management during technical and cultural events to improve their finance management skills. 2. Case studies/Guest Lectures/Webinars are planned on SDLC Process. 3. Encouraging students to actively participate in skill development programs focused on project management and entrepreneurship to gain and understand the comprehensive knowledge.

PO 12 : Life-long Learning

PO 12	2.0	2.01	Target level has been achieved for PO12

Actions taken: 1. Students are motivated to read journals / technical magazines / research papers to stay up to date with respect to the technological advancements. 2. Students are advised and encouraged to pursue higher education. 3. Students are involved in activities of GNITS alumni association and are encouraged to register in alumni portal. 4. Alumni talks are frequently organized by the department to know the technical advancement in the engineering field.

PSOs Attainment Levels and Actions for Improvement- (2022-23)

PSOs	**Target Level**	**Attainment Level**	**Observations**
PSO 1 : The ability to develop software projects using standard practices and suitable programming environment.			
PSO 1	1.9	1.92	Target level has been achieved for PSO1
Actions taken: 1. New technologies and tools are suggested for doing Hobby projects, Mini & Major projects. Skill tests are conducted under IEEE, ISTE & CSI. 2. Collaborations with industries (MOU) give scope to students to take up internships and real time projects. 3. Students are motivated to take up real-time problems during their project work so that they can design, analyze and find solutions that give exposure on coding and latest technologies. 4. Training sessions are conducted on thrust areas to develop real time Hobby, Mini and Major projects.			
PSO 2 : To apply computer science knowledge in exploring and adopting latest technologies in different co-curricular activities.			
PSO 2	1.9	1.91	Target level is achieved for PSO2
Actions taken: 1. Encouraged to participate in different co-curricular activities under IEEE, ISTE, CSI, Value-added courses and Workshops. 2. Encouraged to develop real time projects under industry guidance. 3. Students are encouraged to be part of faculty funded projects. 4. Students are encouraged to publish their work in terms of patents and papers in reputed journals			

7.2 Academic Audit and actions taken thereof during the period of Assessment (15) Total Marks 15.00

Institute Marks : 15.00

Academic Audit Process and Implementation:

Academic Audit is conducted to ensure the quality standards of each program within the institution. This practice serves to identify the Strengths, Weaknesses, Opportunities, and Challenges (SWOC) within programs, guiding efforts towards program enhancement.

The Academic Audit process encompasses evaluation at both Course and Program levels, utilizing a comprehensive proforma. Developed in alignment with the Criteria established by Statuary bodies such as the NBA, NAAC and UGC/AICTE for Autonomous Institutions, this proforma facilitates a thorough audit of all key factors related to academics.

The Program Level Academic Audit document provides an overview of the commitment to delivering high-quality academic programs. This is achieved through several Key Factors:

- Curriculum
- Student Enrolment
- Student Academic Performance
- Progression, Teaching-Learning Methodologies
- Program Outcomes and Student Support Mechanisms
- Faculty Accomplishments and Contributions
- Governance

Internal Academic Audit, External Academic and Administrative Audits are each conducted once every year.

Internal Academic Audit is Qualitative and External Academic Audit is Quantitative.

Internal Academic Audit is carried out around one month before the External Academic and Administrative Audit so that the Programs have sufficient time to implement the recommendations from the audit team.

The External Academic and Administrative Audit is performed for 1000 marks considering every parameter related to the Programs which include

i. Course content
ii. Teaching - Learning Process
iii. Examination and Evaluation system
iv. Results
v. Other activities
vi. Infrastructure
vii. Department Administration

Figure 7.2.1 shows the process flow for the Internal and External Academic Audits conducted.

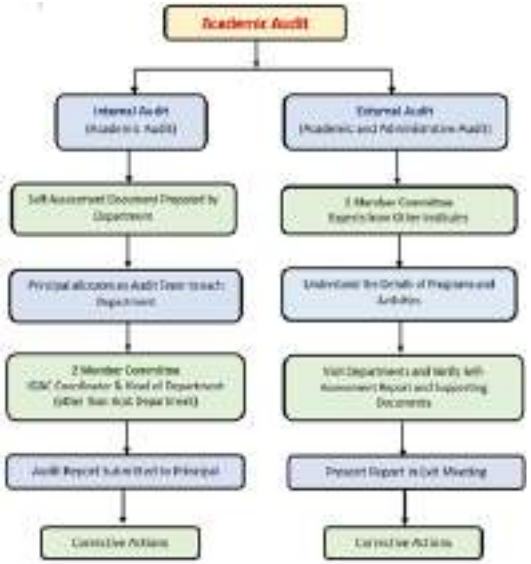

Academic Audit
Internal Audit
(Academic Audit)
External Audit
(Academic and Administrative Audit)
Self Assessment Document Prepared by Department
Member Committee
Experts from Other Institutes
Principal allocates an Audit Team to each Department
Understand the Details of Programs and Activities
2 Member Committee
IQAC Coordinator & Head of Department (other than Audit Department)
Visit Department and Verify Self-Assessment Report and Supporting Documents
Audit Report Submitted to Principal
Present Report in Exit Meeting
Corrective Actions
Corrective Actions

Figure 7.2.1. Process Flow for Internal and External Academic Audits

Internal Academic Audit

The Internal Academic Audit Proforma emphasizes on parameters geared towards enhancing Academic Quality and conducts assessments using the metrics generated. By quantifying the Programs overall performance, Strengths are identified, providing a morale boost, while Weaknesses are targeted for planning the strategies for improvement. This process enables the Program to continually elevate its standards, leveraging strengths and addressing areas in need of enhancement.

The Self-Assessment Report is prepared by each Department according to Table 7.2.1 and submitted to the Principal on the last working day of August. Principal Allocates a Two-Member Internal Academic Audit Team to each Program.

A. Composition of Internal Academic Audit Team

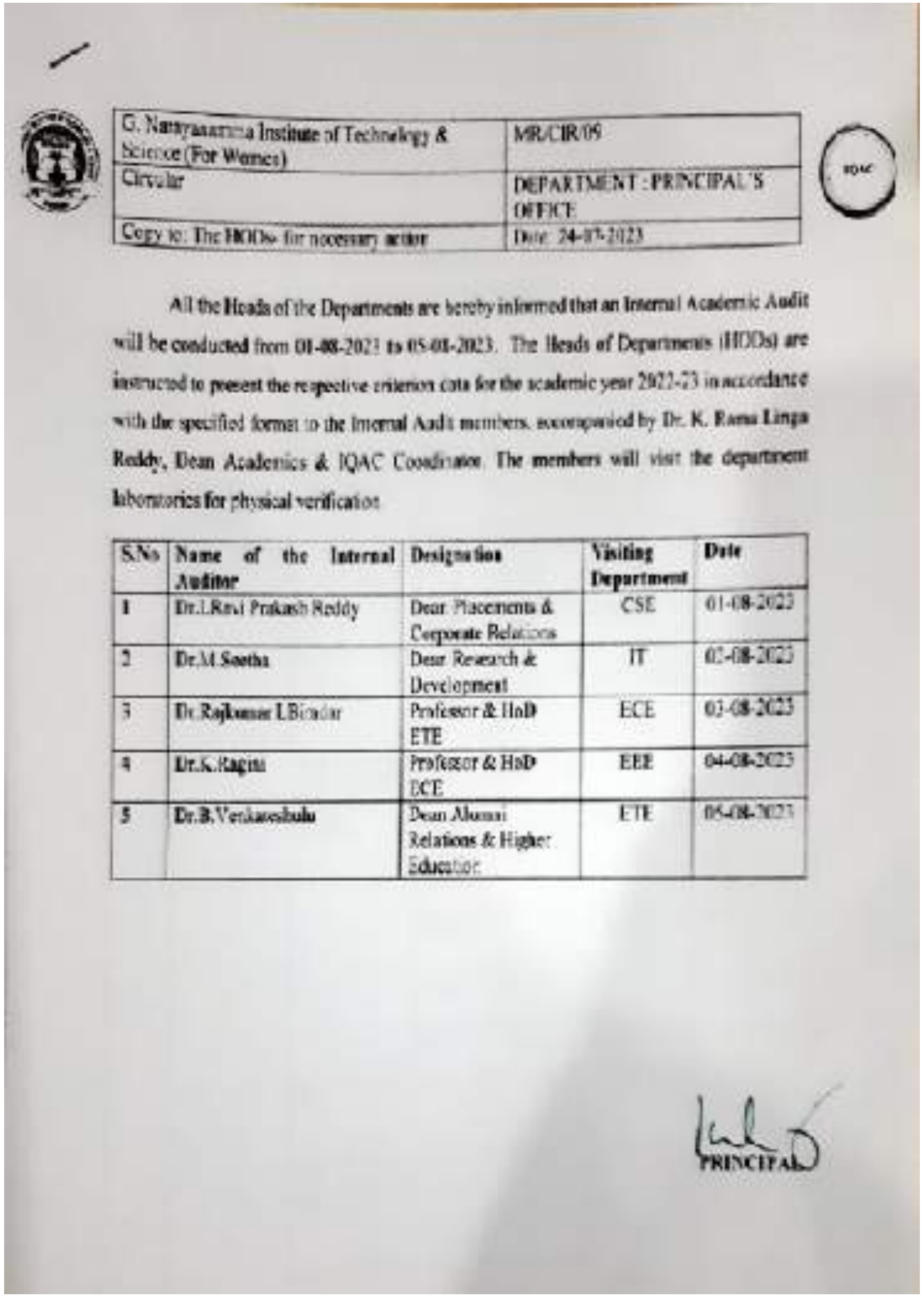
The Internal Academic Audit Team consists of the IQAC Coordinator and HoD of other Program as assigned by the Principal.

B. The Process flow of Internal Academic Audit

- The Internal Academic Audit team collects the Self-Assessment Report of the assigned Program and visits the Department.
- The Internal Academic Audit Team conducts Audit as proposed by the Principal.
- The Principal and IQAC Coordinator consolidate the Audit reports of all Programs.
- Corrective Actions are discussed by the Principal and IQAC Coordinator with the respective HoD.

Figure 7.2.2 shows the circular for Internal Audit issued by the Principal to the Heads of all the Departments along with the Self-Assessment Format which has to be completed before the Internal Audit as shown in figure.

Figure 7.2.2. Internal Audit Circular



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Circular	DEPARTMENT : PRINCIPAL'S OFFICE
Copy to: The HODs for necessary action	Date: 24-07-2023

IQAC

All the Heads of the Departments are hereby informed that an Internal Academic Audit will be conducted from 01-08-2023 to 05-08-2023. The Heads of Departments (HODs) are instructed to present the respective criterion data for the academic year 2022-23 in accordance with the specified format to the Internal Audit members, accompanied by Dr. K. Rama Linga Reddy, Dean Academics & IQAC Coordinator. The members will visit the department laboratories for physical verification.

S.No	**Name of the Internal Auditor**	**Designation**	**Visiting Department**	**Date**
1	Dr.I.Ravi Prakash Reddy	Dean Placements & Corporate Relations	CSE	01-08-2023
2	Dr.M.Seetha	Dean Research & Development	IT	02-08-2023
3	Dr.Rajkumar L Biradar	Professor & HoD ETE	ECE	03-08-2023
4	Dr.K.Ragini	Professor & HoD ECE	EEE	04-08-2023
5	Dr.B.Venkateshulu	Dean Alumni Relations & Higher Education	ETE	05-08-2023

PRINCIPAL

External Academic Audit / Academic and Administrative Audit (AAA)

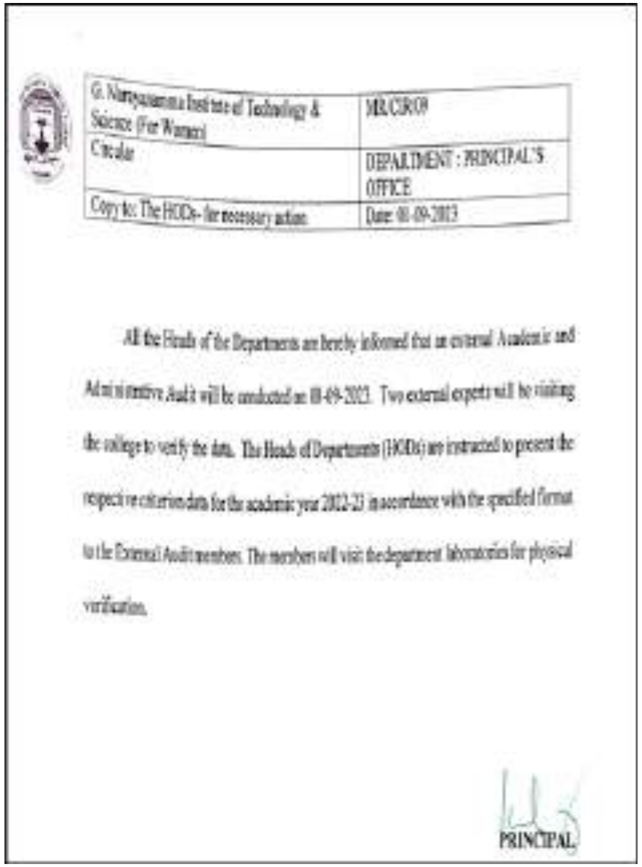
The External Academic and Administrative Audit is to be done in the institution by external experts once every year in the month of September. Figure 7.2.4. shows the circular issued by the Principal to all the Heads of the Departments informing them of the date of AAA and to prepare all the documents for verification according to the Key Indicators of Assessment as given in the Figure 7.2.5.

A. Composition of External AAA Team

External Academic and Administrative Audit team consists of 2 Faculty members (Experts) from other Institutes of repute, who have experience and/or training on academic quality systems, processes and strategies and audit tactics and methodologies.

B. The Process of External AAA

- The External Audit team, will first interact with the Principal, and the Heads of the Department (HoDs) to collect the details of the Programs and the activities being conducted during the period of audit.
- Auditors will then visit all departments and facilities and generally verify the Self-Assessment Report along with the supporting documents. They interact with the HoD and the faculty in-charge of Quality Assurance and will seek clarifications of doubts if any.
- In the Exit meeting, the External Audit team will interact with the Principal, Internal Quality Assurance Cell (IQAC) coordinator, Heads of the department and present their brief observations and findings of the audit. Both parties (the Principal and the external audit Team) can express their views and analysis on the observations and findings of the audit.
- The Institute plans to implement the suggestions and recommendations proposed by the external audit team.

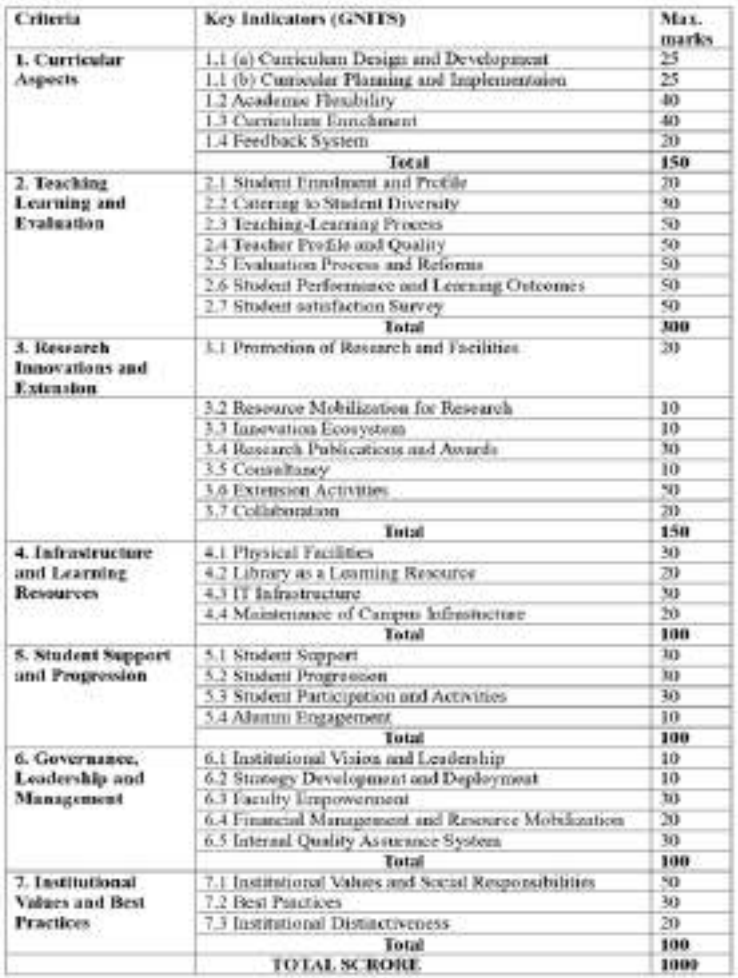


G. Narayanamma Institute of Technology & Science (For Women)	MR/CIR/09
Circular	DEPARTMENT : PRINCIPAL'S OFFICE
Copy to: The HODs- for necessary action	Date: 01-09-2023

All the Heads of the Departments are hereby informed that an external Academic and Administrative Audit will be conducted on 08-09-2023. Two external experts will be visiting the college to verify the data. The Heads of Departments (HODs) are instructed to present the respective criterion data for the academic year 2022-23 in accordance with the specified format to the External Audit members. The members will visit the department laboratories for physical verification.

PRINCIPAL

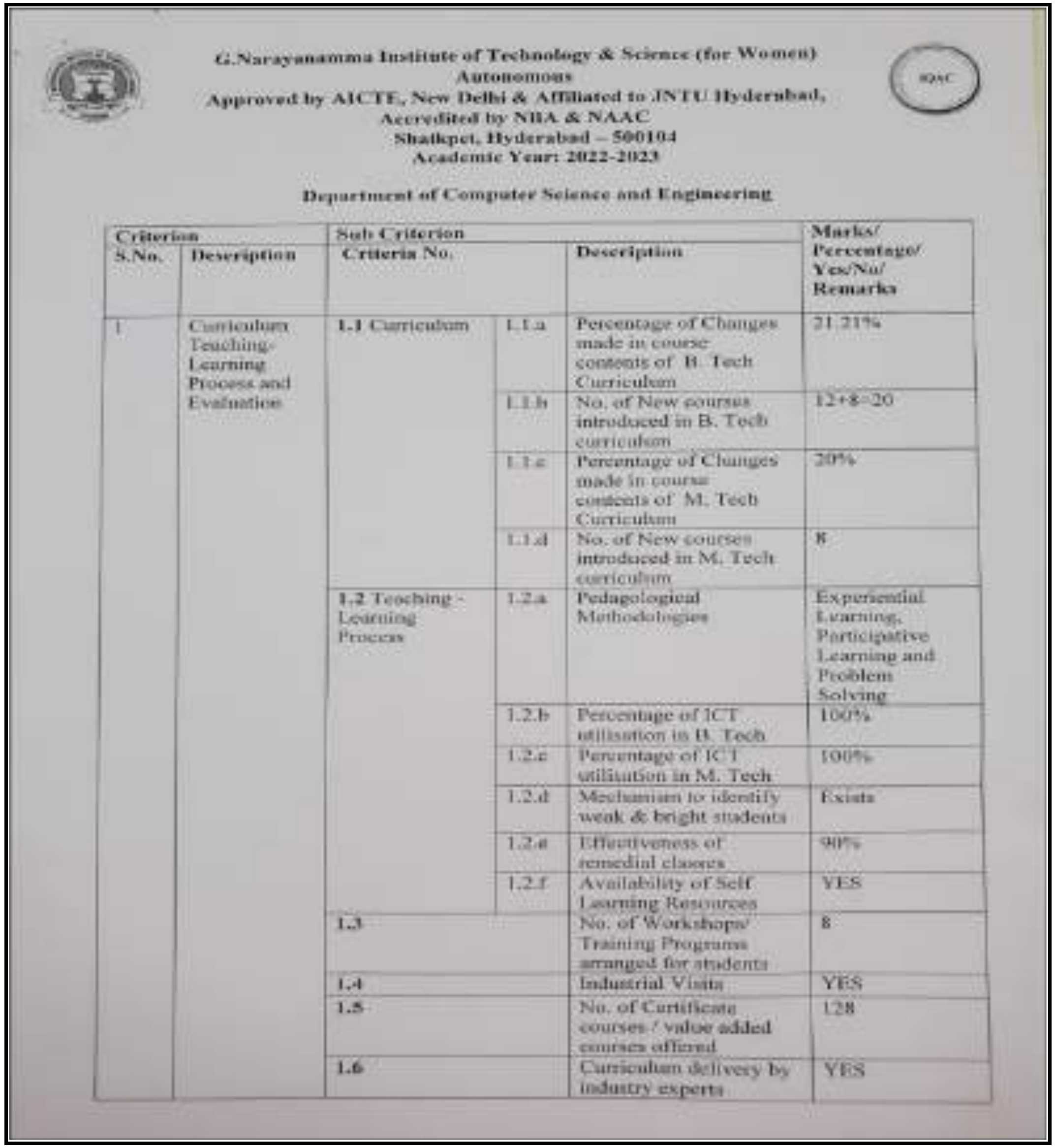
Figure 7.2.3. Circular for the External Academic Administrative Audit



Criteria	Key Indicators (GNITS)	Max. marks
1. Curricular Aspects	1.1 (a) Curriculum Design and Development	25
	1.1 (b) Curricular Planning and Implementaion	25
	1.2 Academic Flexibility	40
	1.3 Curriculum Enrichment	40
	1.4 Feedback System	20
	Total	**150**
2. Teaching Learning and Evaluation	2.1 Student Enrolment and Profile	20
	2.2 Catering to Student Diversity	30
	2.3 Teaching-Learning Process	50
	2.4 Teacher Profile and Quality	50
	2.5 Evaluation Process and Reforms	50
	2.6 Student Performance and Learning Outcomes	50
	2.7 Student satisfaction Survey	50
	Total	**300**
3. Research Innovations and Extension	3.1 Promotion of Research and Facilities	20
	3.2 Resource Mobilization for Research	10
	3.3 Innovation Ecosystem	10
	3.4 Research Publications and Awards	30
	3.5 Consultancy	10
	3.6 Extension Activities	50
	3.7 Collaboration	20
	Total	**150**
4. Infrastructure and Learning Resources	4.1 Physical Facilities	30
	4.2 Library as a Learning Resource	20
	4.3 IT Infrastructure	30
	4.4 Maintenance of Campus Infrastructure	20
	Total	**100**
5. Student Support and Progression	5.1 Student Support	30
	5.2 Student Progression	30
	5.3 Student Participation and Activities	30
	5.4 Alumni Engagement	10
	Total	**100**
6. Governance, Leadership and Management	6.1 Institutional Vision and Leadership	10
	6.2 Strategy Development and Deployment	10
	6.3 Faculty Empowerment	30
	6.4 Financial Management and Resource Mobilization	20
	6.5 Internal Quality Assurance System	30
	Total	**100**
7. Institutional Values and Best Practices	7.1 Institutional Values and Social Responsibilities	50
	7.2 Best Practices	30
	7.3 Institutional Distinctiveness	20
	Total	**100**
	TOTAL SCRORE	**1000**

Fiure 7.2.4. The Key Indicators of Assessment for the External AAA

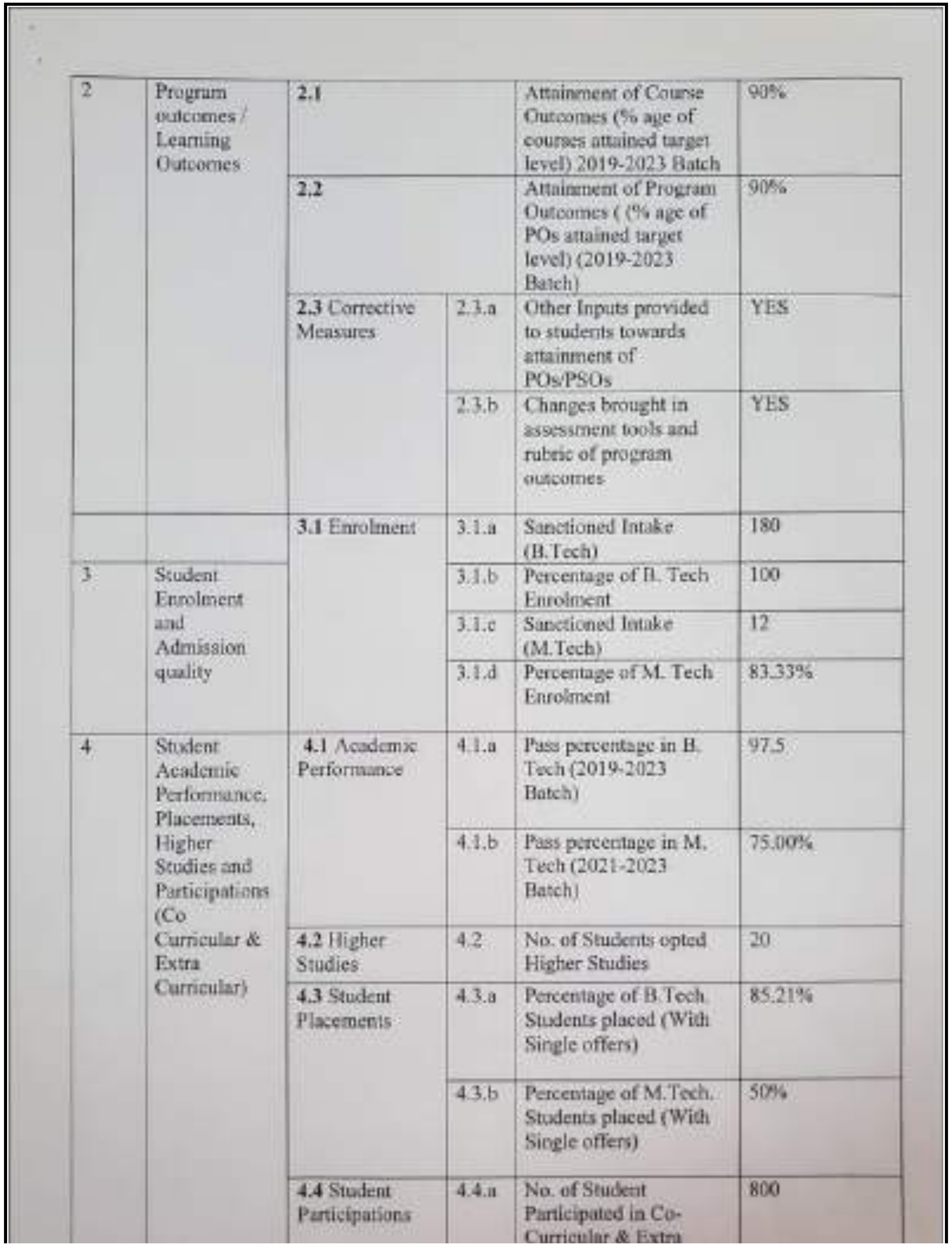
Internal Academic Audi Self-Assessment for the Academic Year 2022-2023



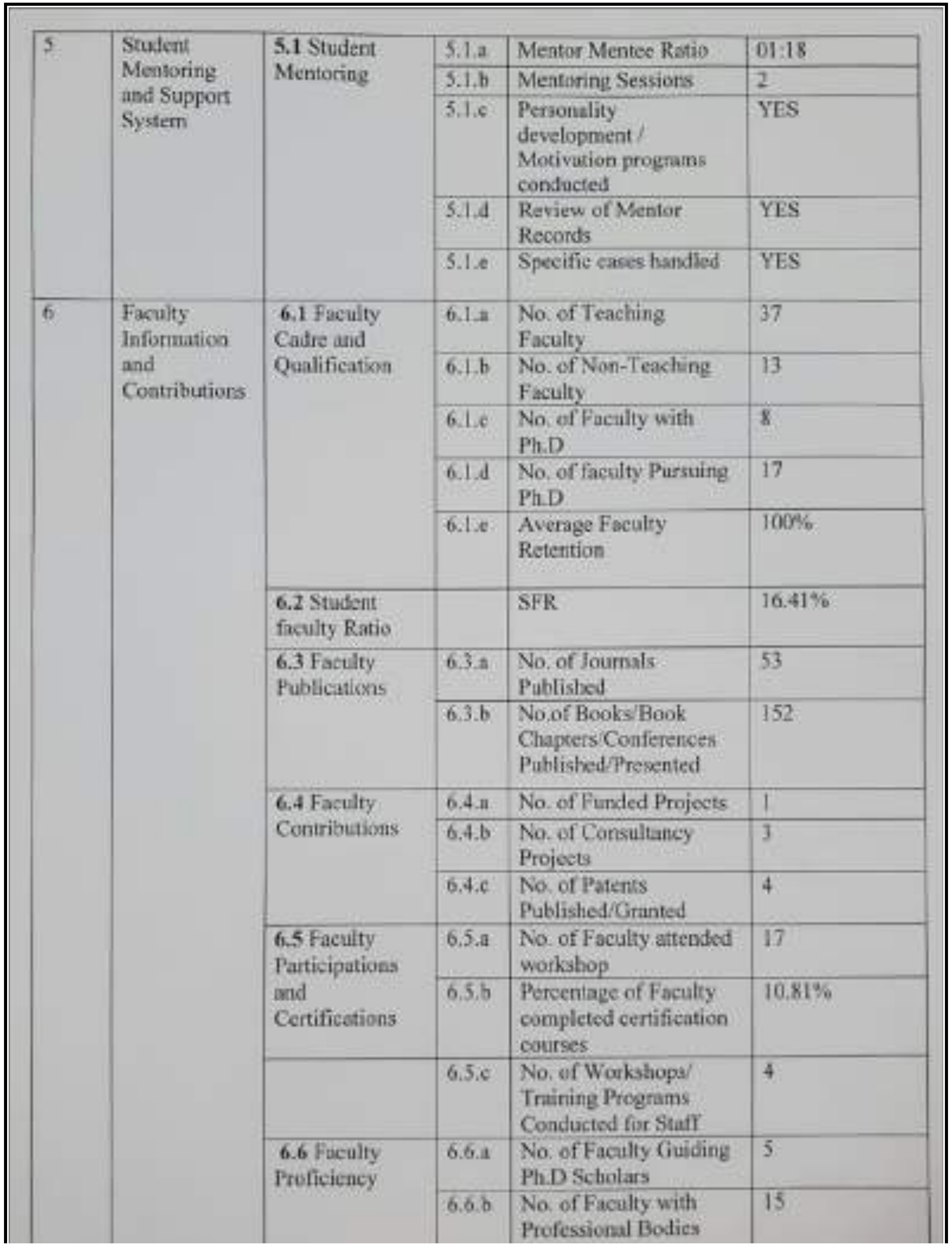
G.Narayanamma Institute of Technology & Science (for Women)
Autonomous
Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad,
Accredited by NBA & NAAC
Shaikpet, Hyderabad – 500104
Academic Year: 2022-2023

Department of Computer Science and Engineering

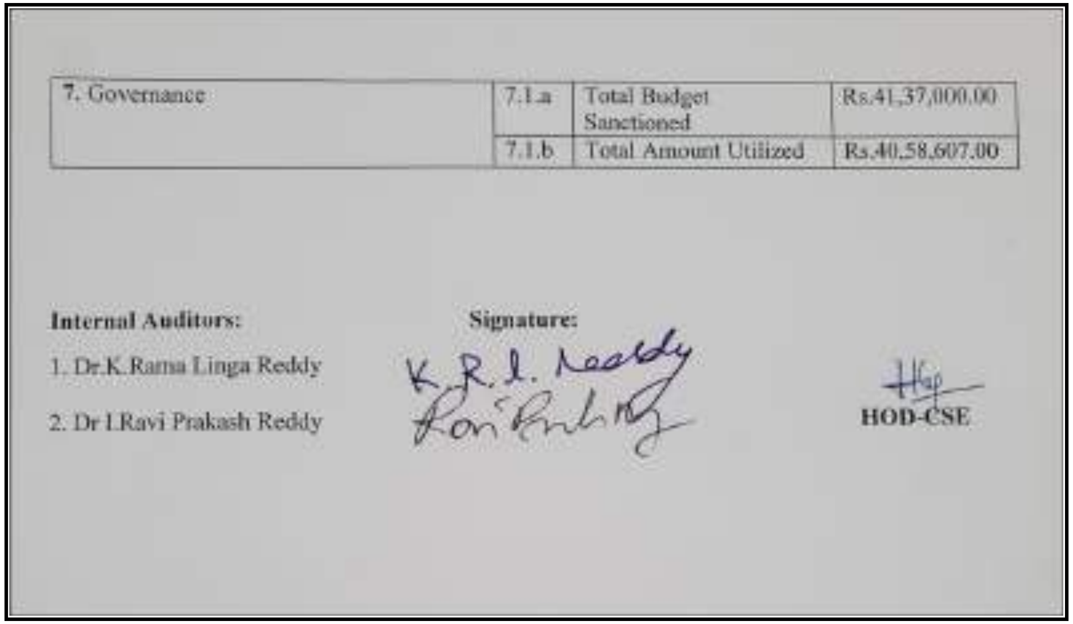
Criterion		Sub Criterion			Marks/ Percentage/ Yes/No/ Remarks
S.No.	Description	Criteria No.		Description	
1	Curriculum Teaching-Learning Process and Evaluation	1.1 Curriculum	1.1.a	Percentage of Changes made in course contents of B. Tech Curriculum	21.21%
			1.1.b	No. of New courses introduced in B. Tech curriculum	12+8=20
			1.1.c	Percentage of Changes made in course contents of M. Tech Curriculum	20%
			1.1.d	No. of New courses introduced in M. Tech curriculum	8
		1.2 Teaching - Learning Process	1.2.a	Pedagological Methodologies	Experiential Learning, Participative Learning and Problem Solving
			1.2.b	Percentage of ICT utilisation in B. Tech	100%
			1.2.c	Percentage of ICT utilisation in M. Tech	100%
			1.2.d	Mechanism to identify weak & bright students	Exists
			1.2.e	Effectiveness of remedial classes	90%
			1.2.f	Availability of Self Learning Resources	YES
		1.3		No. of Workshops/ Training Programs arranged for students	8
		1.4		Industrial Visits	YES
		1.5		No. of Certificate courses / value added courses offered	128
		1.6		Curriculum delivery by industry experts	YES



2	Program outcomes / Learning Outcomes	**2.1**		Attainment of Course Outcomes (% age of courses attained target level) 2019-2023 Batch	90%
		2.2		Attainment of Program Outcomes ((% age of POs attained target level) (2019-2023 Batch)	90%
		2.3 Corrective Measures	2.3.a	Other Inputs provided to students towards attainment of POs/PSOs	YES
			2.3.b	Changes brought in assessment tools and rubric of program outcomes	YES
		3.1 Enrolment	3.1.a	Sanctioned Intake (B.Tech)	180
3	Student Enrolment and Admission quality		3.1.b	Percentage of B. Tech Enrolment	100
			3.1.c	Sanctioned Intake (M.Tech)	12
			3.1.d	Percentage of M. Tech Enrolment	83.33%
4	Student Academic Performance, Placements, Higher Studies and Participations (Co Curricular & Extra Curricular)	**4.1** Academic Performance	4.1.a	Pass percentage in B. Tech (2019-2023 Batch)	97.5
			4.1.b	Pass percentage in M. Tech (2021-2023 Batch)	75.00%
		4.2 Higher Studies	4.2	No. of Students opted Higher Studies	20
		4.3 Student Placements	4.3.a	Percentage of B.Tech Students placed (With Single offers)	85.21%
			4.3.b	Percentage of M.Tech. Students placed (With Single offers)	50%
		4.4 Student Participations	4.4.a	No. of Student Participated in Co-Curricular & Extra	800



5	Student Mentoring and Support System	**5.1** Student Mentoring	5.1.a	Mentor Mentee Ratio	01:18
			5.1.b	Mentoring Sessions	2
			5.1.c	Personality development / Motivation programs conducted	YES
			5.1.d	Review of Mentor Records	YES
			5.1.e	Specific cases handled	YES
6	Faculty Information and Contributions	**6.1** Faculty Cadre and Qualification	6.1.a	No. of Teaching Faculty	37
			6.1.b	No. of Non-Teaching Faculty	13
			6.1.c	No. of Faculty with Ph.D	8
			6.1.d	No. of faculty Pursuing Ph.D	17
			6.1.e	Average Faculty Retention	100%
		6.2 Student faculty Ratio		SFR	16.41%
		6.3 Faculty Publications	6.3.a	No. of Journals Published	53
			6.3.b	No.of Books/Book Chapters/Conferences Published/Presented	152
		6.4 Faculty Contributions	6.4.a	No. of Funded Projects	1
			6.4.b	No. of Consultancy Projects	3
			6.4.c	No. of Patents Published/Granted	4
		6.5 Faculty Participations and Certifications	6.5.a	No. of Faculty attended workshop	17
			6.5.b	Percentage of Faculty completed certification courses	10.81%
			6.5.c	No. of Workshops/ Training Programs Conducted for Staff	4
		6.6 Faculty Proficiency	6.6.a	No. of Faculty Guiding Ph.D Scholars	5
			6.6.b	No. of Faculty with Professional Bodies	15



7. Governance	7.1.a	Total Budget Sanctioned	Rs.41,37,000.00
	7.1.b	Total Amount Utilized	Rs.40,58,607.00

Internal Auditors: **Signature:**

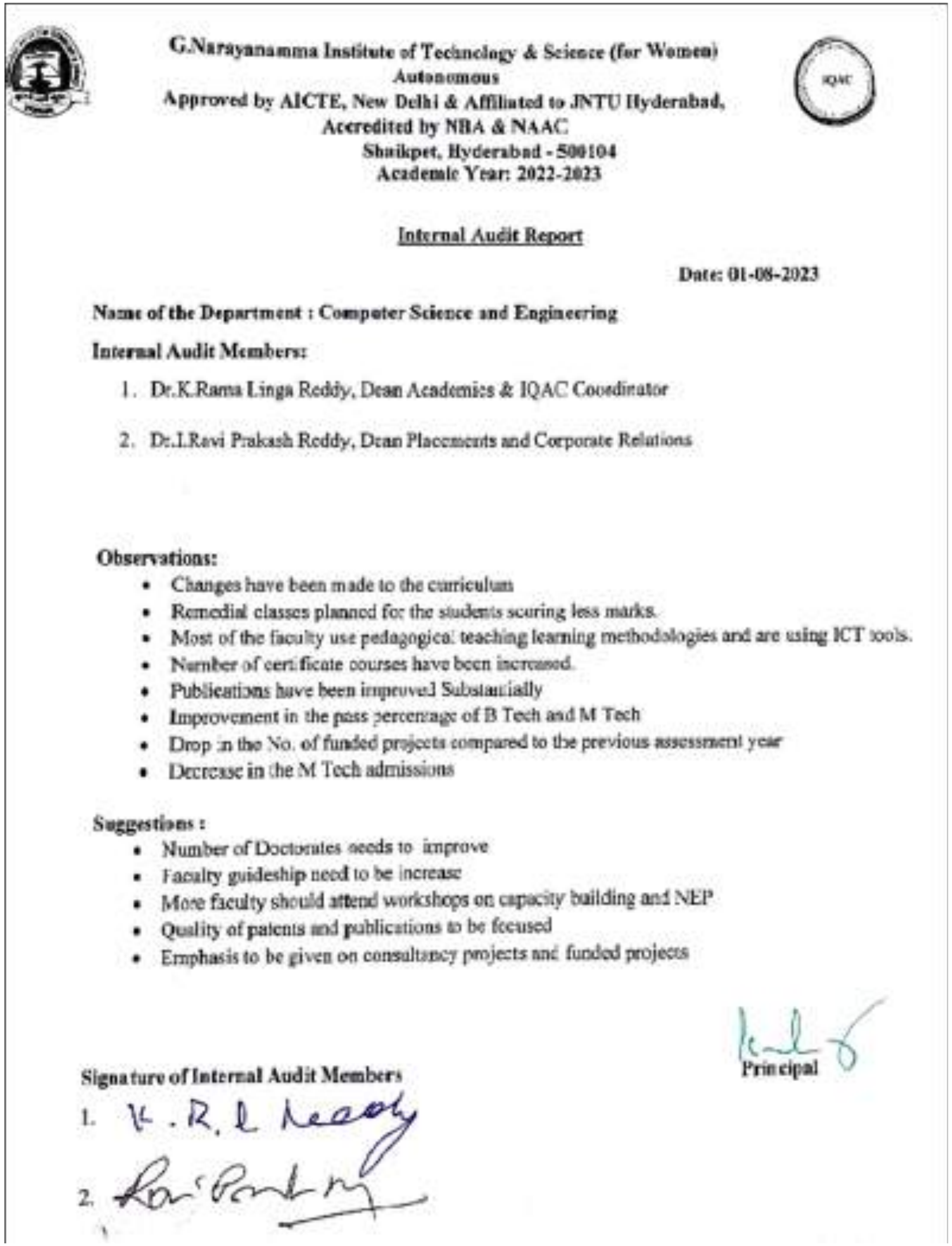
1. Dr.K.Rama Linga Reddy K.R.L. Reddy

2. Dr I.Ravi Prakash Reddy

HOD-CSE

Fig. 7.2.5 Internal Academic Audit for Self-Assessment

Internal Audit Report



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Shaikpet, Hyderabad - 500104
Academic Year: 2022-2023

IQAC

Internal Audit Report

Date: 01-08-2023

Name of the Department : Computer Science and Engineering

Internal Audit Members:

1. Dr.K.Rama Linga Reddy, Dean Academics & IQAC Coordinator
2. Dr.I.Ravi Prakash Reddy, Dean Placements and Corporate Relations

Observations:

- Changes have been made to the curriculum
- Remedial classes planned for the students scoring less marks.
- Most of the faculty use pedagogical teaching learning methodologies and are using ICT tools.
- Number of certificate courses have been increased.
- Publications have been improved Substantially
- Improvement in the pass percentage of B Tech and M Tech
- Drop in the No. of funded projects compared to the previous assessment year
- Decrease in the M Tech admissions

Suggestions :

- Number of Doctorates needs to improve
- Faculty guideship need to be increase
- More faculty should attend workshops on capacity building and NEP
- Quality of patents and publications to be focused
- Emphasis to be given on consultancy projects and funded projects

Principal

Signature of Internal Audit Members

1. K. R. L Reddy
2. Ravi Prakash

Fig. 7.2.6 Internal Audit Report

Actions Plan for the suggestions given:

- Number of Doctorates needs to improve

The department strongly encourages faculty members to pursue admission into PhD programs, promoting their involvement in research initiatives and enabling them to make meaningful contributions to both the department and the institution, while also enhancing their own professional growth. To facilitate this pursuit, academic duties are efficiently structured to afford faculty members adequate time, and research facilities within Centers of Excellence/Research Centers are made available to ensure they can concentrate effectively on their research endeavors.

- Faculty guideship need to be increase

Being recognized as a research center by JNTUH will lead to an increase in the number of supervisors. KLU has acknowledged supervisors from GNITS

- More faculty should attend workshops on capacity building and NEP

Faculty participation in Faculty Development Programs (FDPs), Short Term Training Programs (STTPs), and Workshops is strongly encouraged. Workshops aligned with the departments thrust areas have been identified and communicated to faculty members to ensure effective implementation and foster their professional development. It is essential that more faculty members prioritize attending workshops focused on capacity building and aligning with the National Education Policy (NEP) to further enhance their expertise and contribution in this context.

- Quality of patents and publications to be focused

Faculty are encouraged to publish patents, with necessary support provided by the Innovation and Incubation (I&I) cell in patent writing and publishing. Faculty members are strongly encouraged to attend various training programs related to IPR. The institute is providing financial support for patent filing.

- Emphasis to be given on consultancy projects and funded projects

To enhance the number of consultancy and funded projects, the R&D team diligently oversees and supports faculty members in submitting proposals to diverse funding agencies. The college has launched internal SEED projects and offers research facilities in Centers of Excellence (CoEs) and Research Centers (RCs) for faculty members to empower their research skills and expertise in project development. This proactive approach ensures faculty readiness to pursue external funding opportunities effectively.

A. Faculty Contributions

A. 1 . Research Publications

1. Faculty members are motivated to publish high-quality research publications in reputed databases such as SCI, SCIE, ESCI, Scopus, and Web of Science, with reimbursement provided for notable contributions.
2. Research facilities are provided for faculty in the department to publish papers within their specific domains.

Table 7.2.1 Improvement in research publications

Academic Year	Scopus /SCI/ Web of Science Journals	Referred / Other Indexed Journal	Total Journal Publications
2022-2023	12	41	53

2021-2022	15	17	32
2020-2021	15	7	22
Total	42	65	107

Table 7.2.2 Improvement in Book/Book Chapters/Conference Proceedings

Academic Year	Books/ Book Chapter	Conference Proceedings		Total
		Scopus/ SCI /Web of Science	Other	
2022-2023	79	26	47	152
2021-2022	2	14	--	16
2020-2021	1	11	9	21
Total	82	51	56	189

A.2 Funded Projects, Consultancy and Patents

- The department has established an R&D team with the aim of lead proactive research initiatives.
- In house talks focusing on funding opportunities were conducted for faculty members.
- The department has submitted 11 proposals for the AY 2022-2023 under various government schemes such as DST, SEED, DSIR, SERB, etc.

Table. 7.2.4. Funded project details

Assessment Year	Total amount Sanctioned (in Rs.)
2022-2023	3,46,619/-
2021-2022	59,24,719/-
2020-2021	7,17,647/-

A. Curriculum, Teaching Learning Process and Evaluation:

1. Program courses are broadly categorized as:

- Professional Elective
- Open Elective
- Project Phase-I & II
- MiniProject-1
- ONLINE Courses (OL) – offered on MOOCs platform (by NPTEL/IITs)

2. The number of project-related courses has been increased by 15%, and to support this initiative, the number of laboratories has also been increased.
3. Multidisciplinary courses are added as open electives.
4. The mandatory courses are introduced to inculcate and strengthening the ethics and social responsibilities.

Improvements/Changes in the R22 curriculum compared to R18 Curriculum

- Course structure is framed as per the guidelines of Regulatory bodies to follow NEP 2020 with increase in program elective, open elective and online courses
- Induction program is conducted for all I B.Tech students every year, as a result of which students got acquainted with premises, people and processes. The program also resulted in the awareness about the importance of health, morals, attitude etc., among the students
- Design thinking course is introduced to encourage innovative thinking.
- Project based learning is enhanced through course-based projects, mini projects, internships and major projects.
- Job specific training programs in latest technologies are being conducted for students, as part of content beyond curriculum.
- To inculcate social responsibility and to strengthen the ethics, Gender Sensitization course is introduced.

Teaching-Learning Process and Evaluation:

- **Internal Quality Assurance Cell**: Course and module coordinators, who are senior faculty members, meticulously review mid-question papers to ensure quality. Bloom’s taxonomy levels are followed while preparing question papers to enhance assessment effectiveness.
- **Course File Maintenance:** Every faculty member diligently maintains course material, which undergoes regular monitoring each semester to uphold quality and relevance.
- **Monthly Attendance Monitoring:** Class teachers conduct monthly attendance checks, promptly notifying parents if a students attendance falls below 75%. Reasons for attendance shortages <75% are documented for further review.
- **Class Review Committee:** This committee convenes twice per semester, preceding mid-exams, to assess syllabus coverage and students comprehension of classwork. Comprehensive documentation of all meetings is maintained within the department.
- Mentoring and Counselling: Faculty proctors offer mentoring and counseling guidance to students, ensuring a minimum of two meetings per semester: one before and one after mid-term exams. These sessions aim to provide support and address both academic and personal concerns.
- **Feedback Analysis and Action**: Students provide feedback on faculty performance each semester, enabling the implementation of corrective or improvement measures as necessary.
- **Self-Learning Opportunities:** Faculty members are encouraged to engage in NPTEL courses, supported by leave provisions and reimbursement of registration fees. Moreover, faculty members actively mentor students, fostering a culture of self-directed learning.
- **Day to Day evaluation in Laboratories:** Regular evaluation is done through Viva Voce/Practice tests in laboratory sessions, providing students with immediate feedback on their understanding and performance during experiments.

7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10) Total Marks 10.00

Institute Marks : 10.00

A. Improvement in placement number, quality, core hiring industry and pay packages

- Placements are offered by MNCs and core CSE companies with high packages to students.
- The students have secured offers from Microsoft, ServiceNow, JP Morgan and Paypal at a dream packages.
- Numerous students are actively seeking internships with prominent companies such as Amazon, JP Morgan, ServiceNow, Microsoft, Adobe, and Flipkart, with some fortunate enough to secure full-time positions through Pre-placement Offers.

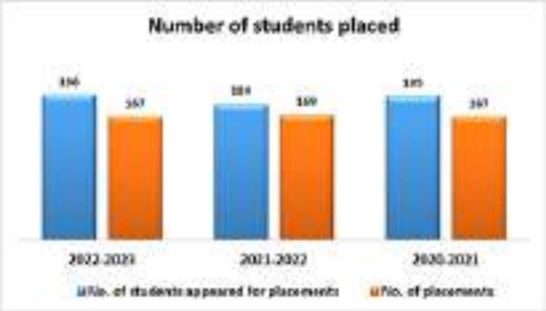
7.3.1. Placements

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
Number of students placed	167	169	167
Total No. of Companies	45	47	45
Highest Pay Package	46.54 LPA	25.54 LPA	28 LPA
Pay Package(AVG LPA)	9.6	8	7.9

7.3.1.1. Placement Number

Table 7.3.1.1 Placements Number

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
No. of students qualified for placements	196	184	195
No. of placements	167	169	167
% of placements	85.21	91.80	84.10

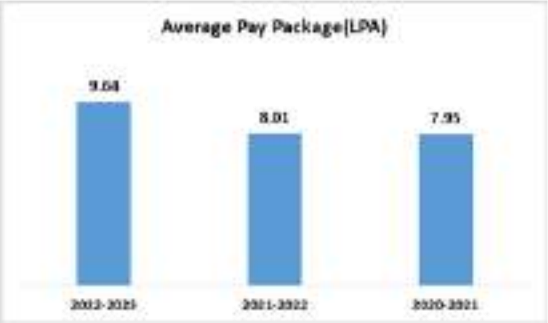


Inference: The % of number of students placed has been consistent in the three academic years. This is effect of technologies introduced in the curriculum and the training activities such as soft skills, hard skills, training, coding skills, full stack training, aptitude etc.

7.3.1.2 Pay Package

Table 7.3.1.2 Average Pay Package

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
No. of students placed	167	169	167
Average Pay Package(LPA)	9.64	8.01	7.95



Inference: The consistent improvement in the average pay package every year can be attributed to the facultys encouragement and support for students active involvement in diverse activities such as Hackathons, coding competitions, in house projects, etc.

7.3.1.3. Quality placements based on pay package.

- Around 50L highest package is offered to 2 students in 2019-2023 Batch.
- Around 25L highest package is offered to 3 students in 2018-2022 Batch.
- Around 28L highest package is offered to 1 students in 2017-2021 Batch.

Table 7.3.1.3 Quality placements

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
No. of students placed	167	169	167
Highest Pay Package(LPA)	46.54	25.54	28
Number of students with >20LPA	12	3	11
Number of students with >10LPA	42	50	37
Number of students with >3LPA	113	116	119

Inference: The integration of new technologies into the curriculum, alongside comprehensive training in soft skills, coding, full-stack development, and aptitude, has resulted in a cumulative impact. This has led to an exponential rise in the pay packages offered to students of the institution.

7.3.1.3. Core Industry

Major core industries are visiting the institution every year for internships and placements.

Table 7.3.1.4. Core Industry

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
Product based	19	22	17
Service based	27	25	29
Total Number of companies	45	47	45

Inference: Students are participating in various hackathons, coding challenges, and improving skill in thrust areas to meet the requirements of core companies.

Our Recruiters:

B. Improvement in higher studies, admissions for pursuing PhD in premier institutions

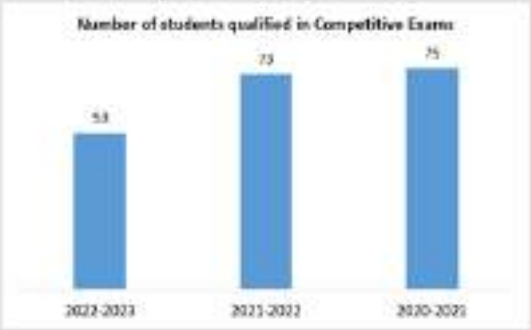
7.3.2. Higher Studies

- The students are encouraged to pursue higher studies in prestigious institutions to elevate educational standards and enhance proficiency in contemporary core fields.
- Promote enrolment in globally renowned universities with international rankings, facilitating exposure to diverse perspectives and opportunities.
- Notable universities where students have pursued Masters programs include:
    - University of Texas
    - Georgia State Universitys
    - University of Cincinnati
    - University of Texas, Dallas

  - Arizona State University
  - University of North Carolina CHARLOTTE
- Over 8 to 10% of students consistently opt for higher education each year, reflecting a commitment to academic advancement and professional development.

Table 7.3.2.1 Students qualified in competitive exams

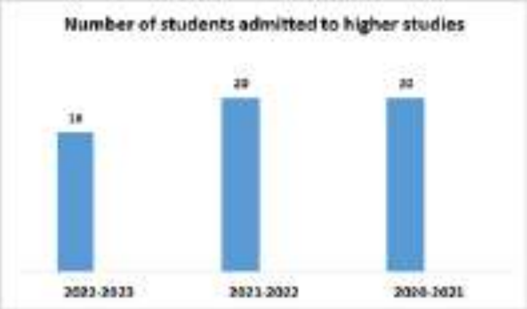
Category	Competitive Exam	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
Higher Studies	GATE	2	0	0
	CAT	0	0	1
	GRE	24	33	33
	IELTS	19	33	33
	TOEFL	6	4	4
	Others	2	3	4
	Total	53	73	75



The details of the students' admissions for higher studies during the last three assessment years are mentioned below:

Table 7.3.2.2 Number of students admitted

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
Higher Studies (Masters / M.Tech / MBA)	16	20	20



Inference: The students are encouraged to get admissions in prestigious universities having world wide ranking with global exposure

C. Improvement in number of entrepreneurs

7.3.3. Entrepreneurs

1. G Narayanamma Institute of Technology and Science's entrepreneurship Development Cell has come into existence in 2016.
2. It is nurtured with additional inputs like regular class work by internal faculty, guest lectures, e-talks by entrepreneurs' idea generation workshops and seminars.
3. ED Cell offers incubation facilities for upcoming young entrepreneurs to incubate their ideas in any proposed area of their interest, consultancy services for industrial units owned by entrepreneurs, and family business units owned by our students. We help them in running their units as profit centers and our services as mentors for their business.

The details of the Entrepreneurs during the last three assessment years are mentioned below:

Table 7.3.3.1 Number of enterpreneurs

Category	CAYm1 2022-2023	CAYm2 2021-2022	CAYm3 2020-2021
Startup's	1	0	0

Table 7.3.3.2 List of enterpreneurs

List of Entrepreneurs:				
S.NO	Name	Year of Passing	Name of the Enterprise	URL/LinkedIn Profile
1.	Prathyusha Cheepu	2023	Dyonya Pvt Ltd	https://www.linkedin.com/in/pratyusha-cheepu?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app (https://www.linkedin.com/in/pratyusha-cheepu?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

The details of the Alumni Entrepreneurs during the last three assessment years are mentioned below:

Table 7.3.3.2 List of alumni enterpreneurs

S.No.	Name of the Alumni Entrepreneur	Designation	Company Name
1	Ms. Santhosa Bojja	Founder and Director	Elegant Aesthetic and Academy, Hyderabad
2	Ms. Challa Renuka Venkata Ramani	Founder	Improve 10X Solutions Private Limited
3	Ms. Sushma Mamindlapalli	Founder	ProXel Learning & Development Hub
4	Ms.Akshita Reddy Madireddy	Founder	Founder Insync; Managing Partner – Aaradhya Ventures
5	Ms. Rudraksha	Co-Founder and Chief Business Officer	Brekrr India & at Anuvega Powertronics

7.4 Improvement in the quality of students admitted to the program (20)

Total Marks 20.00

Institute Marks : 20.00

Item		**2023-24**	**2022-23**	**2021-22**
National Level Entrance Examination JEE	No of students admitted	54	54	54
	Opening Score/Rank	10700	24187	24689
	Closing Score/Rank	1004765	566029	726573
State/ University/ Level Entrance Examination/ Others EAMCET	No of students admitted	187	137	140
	Opening Score/Rank	1681	1583	1222
	Closing Score/Rank	15154	4687	3998
Name of the Entrance Examination for Lateral Entry or lateral entry details ECET	No of students admitted	20	20	18
	Opening Score/Rank	30	84	91
	Closing Score/Rank	114	128	108
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		96.46	96.44	95.86

8 FIRST YEAR ACADEMICS (50)

Total Marks 47.73

8.1 First Year Student-Faculty Ratio (FYSFR) (5)

Total Marks 5.00

Institute Marks : 5.00

Please provide First year faculty information considering load

Name of the faculty member	PAN No.	Qualification	Date of Receiving Highest Degree	Area of Specialization	Designation	Date of joining	Teaching load (%)			Currently Associated (Yes / No)	Nature Of Association (Regular / Contract)	Date Of leaving(In case Currently Associated is 'No')
							CAY	CAYm1	CAYm2			
M.V.Ramana R	AFRPV7090M	M.E/M.Tech	01/03/2001	Industrial Engineering	Associate Professor	19/11/1997	100	100	100	Yes	Regular	
Dr. G.P. Prasa	AENPP0625B	ME/M. Tech and PhD	01/03/2012	Quality Assurance	Professor	01/09/1998	100	100	100	Yes	Regular	
Dr. S.M.SWAM	BMRPS7766P	ME/M. Tech and PhD	01/09/2017	Thermal Engineering	Associate Professor	01/11/2004	100	100	100	Yes	Regular	
S.N.Sarveswar	BJEPS5185C	M.E/M.Tech	01/06/2006	Energy Systems	Assistant Professor	18/07/2011	100	100	100	Yes	Regular	
N. Hiranmai	AGYPH6726Q	M.E/M.Tech	01/09/2015	Thermal Engineering	Assistant Professor	01/09/2015	100	100	100	Yes	Regular	
D. Niharika	CKVPD0033R	M.E/M.Tech	01/01/2019	Advanced IC Engines	Assistant Professor	08/07/2019	100	100	100	Yes	Regular	
M. Yashwanth	AOYPM6960M	M.E/M.Tech	01/06/2015	Production Engineering	Assistant Professor	18/01/2020	100	100	100	Yes	Regular	
P.M.S. Hallika	AFJPH4059N	M.E/M.Tech	18/10/2014	Climate Science and Technology	Assistant Professor	03/12/2020	100	100	100	Yes	Regular	
K. Naresh	CQPPK2160Q	M.E/M.Tech	01/02/2016	CAD AND CAM	Assistant Professor	04/11/2022	100	0	0	Yes	Regular	
Dr.T.Charan Si	AIYPC2141C	M.Sc. and PhD	28/11/1998	Physical Chemistry	Associate Professor	07/08/2009	100	100	100	Yes	Regular	
Dr.P.Aparna	AHXPP2411J	M.A and Ph.D	01/10/2004	Comparative Literature	Professor	01/12/1997	100	100	100	Yes	Regular	
Dr.A.Alakanan	AKKPA5353N	M.Sc. and PhD	30/06/2014	Material Science	Associate Professor	22/01/2001	100	100	100	Yes	Regular	
V.Jahnavi	AIFPJ3354F	MBA	01/02/2009	Communication Skills	Assistant Professor	04/12/2001	100	100	100	Yes	Regular	
Dr. S. UDAY B	AXXPS9034L	M.Sc. and PhD	12/05/2016	MATERIAL SCIENCE	Associate Professor	01/07/2009	100	100	100	Yes	Regular	

Dr.I.RADHIKA	AAVPI3845C	M.Sc. and PhD	20/08/2020	GAS HYDRATES	Assistant Professor	01/08/2009	100	100	100	Yes	Regular	
M.SREEVALLI	BXNPM5924N	M.Sc	03/04/2007	SOLID STATE PHYSICS	Assistant Professor	08/08/2009	100	100	100	Yes	Regular	
Dr. M.Madhavi	ANTPM7723J	M.Sc. and PhD	01/11/2012	Inventory Models	Associate Professor	07/06/2001	100	100	100	Yes	Regular	
Dr.M.Aparna	AJYPA2337D	M.Sc. and PhD	01/11/2006	Complex Analysis	Associate Professor	26/08/2002	100	100	100	Yes	Regular	
O.SUJANA	ABHPO5695F	M.Sc	04/03/2008	ORGANIC CHEMISTRY	Assistant Professor	03/08/2009	100	100	100	Yes	Regular	
Dr. NVSL. Nara	ADDPN0106A	M.Sc. and PhD	28/04/2009	Mathematical Modelling	Associate Professor	19/09/2005	100	100	100	Yes	Regular	
Dr.S. Vasundha	AVRPS6883K	M.Sc. and PhD	10/09/2014	Elliptic Curve Cryptography	Assistant Professor	21/09/2005	100	100	100	Yes	Regular	
V. Beulah Sang	AENPV1501N	MA	19/08/1996	English Literature	Assistant Professor	06/10/2006	100	100	100	Yes	Regular	
Dr. B.Sushma	BDMPS0720B	M.A and Ph.D	27/10/2011	Indian Diasporic Fiction	Associate Professor	05/11/2007	100	100	100	Yes	Regular	
K. Keshav Kum	AVGPK3070M	M.E/M.Tech	01/10/2004	Optimization Techniques and Metaheuristic Algorithms	Assistant Professor	18/09/2009	100	100	100	Yes	Regular	
Dr. PRAGATHI	AICPJ6816D	M.Sc. and PhD	29/11/2012	INORGANIC CHEMISTRY	Assistant Professor	02/12/2020	100	100	100	Yes	Regular	
Anupama Venu	ANGPV0109G	MA	01/09/2005	ELT	Assistant Professor	27/05/2017	100	100	100	Yes	Regular	
B Hima Bala	ALDPB9431C	MA	01/05/2000	English language Teaching	Assistant Professor	07/01/2020	100	100	100	Yes	Regular	
Dr. K. Mrudula	AZNPM6940P	M.Sc. and PhD	01/05/2019	Fuzzy clustering Algorithms in Machine Learning	Assistant Professor	07/12/2020	100	100	100	Yes	Regular	
Mrs. R. Elizabe	AQIPR8430R	MA	01/05/1995	English Literature	Assistant Professor	05/05/2021	100	100	100	Yes	Regular	
B. MRINALINI	CMDPB4530K	M.Sc	18/06/2018	ORGANIC CHEMISTRY	Assistant Professor	02/12/2020	100	100	100	Yes	Regular	

Dr. Neeli Rame	ALQPN7192K	M.A and Ph.D	25/07/2020	English Language Teaching	Assistant Professor	04/06/2021	100	100	100	Yes	Regular	
Dr.P.Shobha R	BGGPP0205D	M.Sc. and PhD	03/08/1996	Physical Chemistry	Assistant Professor	06/06/2016	0	0	100	No	Regular	31/10/2022
Dr. R. LAKSHN	ASNPP2680E	M.Sc. and PhD	01/01/2018	Integral Transforms	Assistant Professor	04/04/2022	100	100	0	Yes	Regular	
Dr. Y. VEERAS	ACLPY4900G	M.Sc. and PhD	26/10/2018	METAL OXIDE THIN FILMS	Assistant Professor	26/03/2022	100	100	100	Yes	Regular	
Aswani R Jeev	BIJPJ1562Q	MA	01/06/2017	Post colonialism	Assistant Professor	09/05/2022	100	100	100	Yes	Regular	
Dr. MEDHA BH	BYRPB7832H	M.Sc. and PhD	07/06/2021	SOLAR ENERGY NANOMATERIAL	Assistant Professor	07/04/2022	100	100	100	Yes	Regular	
N GAYATHRI	BADPN6196A	M.Sc	01/06/2015	Operations Research	Assistant Professor	31/10/2022	100	100	0	Yes	Regular	
Dr.G.Raj Kuma	BSAPG9742E	M.Sc. and PhD	23/10/2012	Non linear optics	Assistant Professor	16/02/2024	100	0	0	Yes	Regular	
DONGALA SW	BDKPD2200B	M.Sc	01/04/2006	Applications of Numerical Mathematics	Assistant Professor	03/11/2022	100	100	0	Yes	Regular	
I. PREM KUMA	ABCPI1466M	MA	01/04/2003	English literature	Assistant Professor	15/02/2024	100	0	0	Yes	Regular	
P.Naveen	AONPP0809F	M.Sc	01/08/2003	MATHEMATICS	Assistant Professor	20/09/2005	0	0	100	No	Regular	29/07/2022
Dr. P. Rekha	AGUPP1462D	M.Com & Ph.D	15/07/2010	E Commerce	Assistant Professor	08/10/1998	100	100	100	Yes	Regular	
Dr. V. Vijaya La	AEIPV6666D	MBA & Ph.D	02/03/2022	Finance	Assistant Professor	13/12/2003	100	100	100	Yes	Regular	
Dr. T. Malathi L	AESPT9653E	MBA & Ph.D	15/12/2023	HRM	Assistant Professor	02/01/2012	100	100	100	Yes	Regular	
E. Pranavi	AAWPE9081F	MBA	01/05/2008	Finance	Assistant Professor	08/09/2021	100	100	100	Yes	Regular	
Dr. AREMAN F	BEQPA4009A	MBA & Ph.D	07/01/2022	Human Resource	Assistant Professor	24/03/2022	100	100	0	Yes	Regular	

DR. HEMA NE	AGLPH4330F	MBA & Ph.D	10/12/2021	Finance	Assistant Professor	31/07/2023	100	0	0	Yes	Regular	
DR. B. RAJES	AKPPB2090Q	MBA & Ph.D	07/10/2021	HR	Assistant Professor	11/09/2023	100	0	0	Yes	Regular	
DR. ANURADH	ADUPT5005B	M.A and Ph.D	03/11/2004	Philosophy	Assistant Professor	17/08/2023	100	0	0	Yes	Regular	
K. SRIDEVI	BNOPK5845H	M.E/M.Tech	01/11/2012	CSE	Assistant Professor	05/07/2013	100	100	100	Yes	Regular	
CH. SRAVANT	AKKPC8427H	M.E/M.Tech	01/11/2012	CSE	Assistant Professor	25/06/2012	100	100	100	Yes	Regular	
DR. V PAVAN	AMSPV9864B	M.Sc. and PhD	15/11/2022	Statistics	Assistant Professor	01/09/2023	100	0	0	Yes	Regular	
A Sreedhar	ARTPA3623R	M.Sc	01/05/2008	MATHEMATICS	Assistant Professor	01/07/2019	0	0	100	No	Regular	29/01/2022
N. DIVYA	AZVPD8496P	M.E/M.Tech	12/05/2014	CSE	Assistant Professor	08/06/2014	100	100	100	Yes	Regular	
Dr. B. SASIDH	AODPB4330F	ME/M. Tech and PhD	21/09/2017	MEDICAL IMAGE PROCESSING	Assistant Professor	10/08/2021	0	0	100	Yes	Regular	
D.ANUSHA	ATWPD2286N	M.E/M.Tech	17/11/2014	CSE	Assistant Professor	22/03/2022	100	100	0	Yes	Regular	
T.ANIL	ARVPT9636M	M.E/M.Tech	16/11/2016	CSE	Assistant Professor	05/01/2017	0	100	100	No	Regular	11/10/2023
K.SNEHA RE	CAWPK7397A	M.E/M.Tech	28/12/2016	CSE	Assistant Professor	16/01/2017	100	100	100	Yes	Regular	
K V SOWMYA	DAIPS6825L	M.E/M.Tech	05/05/2014	POWER ELECTRINICS AND ELECTRIC DRIVES	Assistant Professor	01/02/2017	0	100	100	Yes	Regular	
B ABHINETHR	DELPB5243E	M.E/M.Tech	03/08/2016	ELECTRICAL POWER SYSTEM	Assistant Professor	01/08/2022	100	100	0	Yes	Regular	
S BHULAKSH	FCPPB5532J	M.E/M.Tech	04/10/2021	POWER ELECTRONICS AND ELECTRIC DRIVES	Assistant Professor	31/03/2022	100	100	0	Yes	Regular	

S CHAITANYA	EGOPS4010N	M.E/M.Tech	15/09/2014	POWER ELECTRONICS AND ELECTRIC DRIVES	Assistant Professor	15/05/2023	100	0	0	Yes	Regular	
Dr.M.Nagasree	AICPM3659H	M.Sc. and PhD	01/10/2020	Operations Research	Assistant Professor	20/11/1997	100	100	100	Yes	Regular	
Dr. B.R Lakshn	AMWPL8932A	M.A and Ph.D	01/02/2022	Indian Diaspora Writings	Assistant Professor	11/01/2016	100	100	100	Yes	Regular	
ARYA MOHAN	IKNPM8455G	MA	01/08/2021	English literature	Assistant Professor	19/06/2023	100	100	0	No	Regular	29/02/2024
D. Soujanya	CLBPD5088F	M.E/M.Tech	31/12/2018	CSE	Assistant Professor	01/07/2013	0	100	100	No	Regular	30/06/2023
P.MOUNIKA	DCBPP8792L	M.E/M.Tech	07/09/2016	CSE	Assistant Professor	03/08/2021	100	100	100	Yes	Regular	
Gunishetty Sur	BGIPG4532Q	M.E/M.Tech	01/05/2017	Design Engineer	Assistant Professor	15/03/2024	100	0	0	Yes	Regular	
J Mamatha	BNJPJ7266A	MBA	01/05/2017	Finance	Assistant Professor	02/12/2020	100	100	100	Yes	Regular	
Dr.K.Eshwari	ACIPE4828N	M.Sc. and PhD	31/12/2016	Inorganic Chemistry	Assistant Professor	15/04/2023	100	100	0	Yes	Regular	
T.v. Ram Moha	ALBPR9823N	MBA	01/12/2009	HUMAN RESOURCE MANAGEMENT	Associate Professor	01/06/1997	100	100	100	Yes	Regular	
PVSSA.PARIM	BACCP8366H	M.E/M.Tech	09/11/2013	POWER ELECTRONICS	Assistant Professor	19/02/2018	100	100	100	Yes	Regular	
P. TEJASWI	BJVPP8970R	M.E/M.Tech	02/03/2013	HIGH VOLTAGE ENGINEERING	Assistant Professor	23/06/2014	0	0	100	No	Regular	30/11/2022
CH. LEELAKR	APSPC7551H	M.E/M.Tech	09/11/2013	ELECTRICAL POWER ENGINEERING	Assistant Professor	30/04/2015	0	0	100	Yes	Regular	
P.V.ASHA LATI	ARJPK2597A	MA	01/05/1995	ELT	Assistant Professor	28/05/2021	0	100	100	No	Regular	31/05/2023
B.RAKESH GC	AWSPB1491L	M.Sc	01/06/2009	Industrial Chemistry	Assistant Professor	01/07/2015	100	100	100	Yes	Regular	
S.RAMA KRISI	BMJPS8970D	M.Sc	03/05/2010	SOLID STATE PHYSICS	Assistant Professor	01/06/2016	100	100	100	Yes	Regular	

CH. ARATHI	AJMPC8863C	M.Sc	01/05/2009	SOLID STATE PHYSICS	Assistant Professor	01/06/2016	100	100	100	Yes	Regular	
Dr.R.Narender	AHGPR5279M	M.Sc. and PhD	17/04/2004	Organic Chemistry	Assistant Professor	18/04/2022	0	100	100	No	Regular	12/09/2023
Dr.D.Sanjay K	BRYPD9763P	M.Sc. and PhD	01/12/2012	Material Science	Assistant Professor	02/12/2020	0	0	100	No	Regular	24/04/2022
A. Leela Kuma	ADFPL2485E	M.E/M.Tech	21/04/2017	CSE	Assistant Professor	01/10/2022	100	0	0	Yes	Regular	
Dr.Moumita	AVUPC9148A	M.Sc. and PhD	02/08/2021	Co ordination and bio inorganic Chemistry	Assistant Professor	17/02/2024	100	0	0	Yes	Regular	
Dr.Sreekanth	EALPS0359R	M.Sc. and PhD	23/12/2023	ORGANIC CHEMISTRY	Assistant Professor	16/02/2024	100	0	0	Yes	Regular	
Dr.K.Syamala	ANQPK3486R	M.Sc. and PhD	23/06/2017	Solid Waste Management	Associate Professor	15/06/2006	100	100	100	Yes	Regular	
Smitha Mahind	AMXPM3105H	MBA	01/12/2009	Finance	Assistant Professor	09/07/2018	100	100	100	Yes	Regular	
M.Shivaram Pr	AXPPM1732M	MA	01/04/2002	English Literature	Assistant Professor	02/01/2019	0	0	100	No	Regular	30/03/2022
Dr.M.Shanti	BBIPM8341L	M.Sc. and PhD	30/12/2023	Physico organic Chemistry	Assistant Professor	30/12/2023	100	100	100	Yes	Regular	
M. JYOTHI	AVDPM5710D	M.E/M.Tech	04/07/2014	CSE	Assistant Professor	01/10/2022	100	100	0	Yes	Regular	

Year	**Number Of Students(approved intake strength) N**	**Number of Faculty members(considering fractional load) F**	**FYSFR (N/F)**	***Assessment=(5*20)/FYSFR(Limited to Max.5)**
2021-22(CAYm2)	905	66	16	5
2022-23(CAYm1)	895	68	16	5
2023-24(CAY)	968	75	14	5
Average	922	69	15	5

AverageFYSFR: 0.00

Assessment [(5 * 15) / AverageFYSFR]: 5.00

8.2 Qualification of Faculty Teaching First Year Common Courses (5) Total Marks 4.33

Institute Marks : 4.33

Year	x (Number Of Regular Faculty with Ph.D)	y (Number Of Regular Faculty with Post graduate Qualification)	RF (Number Of Faculty Members required as per SFR of 20:1)	Assessment Of Faculty Qualification [(5x + 3y) / RF]
2021-22	20	31	45	4.00
2022-23	25	32	44	5.00
2023-24	27	32	48	4.00

Average Assessment: 4.33

8.3 First Year Academic Performance (10)

Total Marks 8.40

Institute Marks : 8.40

Academic Performance	CAYm1(2022-23)	CAYm2(2021-22)	CAYm3 (2020-21)
Mean of CGPA or mean percentage of all successful students(X)	8.60	8.54	8.06
Total Number of successful students(Y)	189.00	193.00	179.00
Total Number of students appeared in the examination(Z)	189.00	193.00	179.00
API [X*(Y/Z)]	8.60	8.54	8.06

Average API[(AP1+AP2+AP3)/3] : 8.40

Assessment = Average API : 8.40

8.4 Attainment of Course Outcomes of first year courses (10)

Total Marks 10.00

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is done (5)

Institute Marks : 5.00

Course Level Assessment process:

The attainment of Course Outcomes is based on the following assessment and evaluation processes:

A. List of Assessment Tools used for CO Attainment:

1. Assignments:

Practice assignments are given to the students during the course in order to improve their conceptual knowledge, which involves application of the theoretical concepts in solving various problem-oriented questions. These will contribute to the assessment of students' abilities in applying fundamental concepts and to look into their quantitative, numerical and analytical skills.

2. Viva-Voce:

Several processes like seminars, case study, poster presentation, projects and asking viva questions related to every subject are conducted to assess the conceptual as well as experiential and practical knowledge of the students in the concerned subjects.

3. Examinations (Internal and Semester End):

The performance of a student in each semester is evaluated course –wise with a maximum of 100 marks for Theory courses (40 marks for Continuous Internal Evaluation(CIE) and 60 marks for semester end examination(SEE)) and 100 marks for Practical courses (40 marks for Continuous Internal Evaluation(CIE) and 60 marks for semester end examination(SEE)). For each course, two internal examinations and one semester end examination will be conducted.

a. **Continuous Internal Evaluation(CIE):**

The internal examinations are conducted for 40 marks. The distribution of marks and evaluation process are explained below.

I. **Assignment: (5M)**

Two assignments each for 5 marks will be considered. The first assignment should be submitted before the conduct of first mid and second assignment should be submitted before conduct of second mid. These assignment marks are added to internal marks.

II. **Internal (Mid-term) examination: (30M)**

Two internal examinations will be conducted each for 30 marks. The first internal examination will be conducted from 50 % of the syllabus and the second internal examination for the remaining 50 % of the syllabus. Each Internal examination consists of Part-A (Objective Type) for 10 marks and Part-B (Subjective Type) for 20 marks with duration of 2 hours. The Objective section may be set with very short answer questions. Subjective part contains 6 questions of which student have to answer any 4 questions of 5 marks each. The average of two internal marks for 35 is considered.

III. **Viva-Voce: (5M)**

5 marks are allocated for - Viva voce/Poster Presentation/Case study on a topic in the concerned subject. Assessment in the subject concerned shall be carried out before the commencement of II Mid Examinations

Sum of these three components of marks – (i) Average of two Mid-term examinations for 35 marks (ii) Assessment for the subject Viva-voce/Poster presentation / case study for 5 marks shall be final marks secured towards CIE for 40 Marks.

b. **Semester End Examinations(SEE):**

The semester end examinations are conducted for 60 marks. The question paper consists of Part-A for 10 marks and Part-B for 50 marks. Part-A comprises 10 very short answer questions carrying 1 mark each. All the questions of Part-A are mandatory. In Part-B, 5 long answer questions will be given one from each unit carrying 10 marks, each having internal choice of 2 questions out of which one question must be answered.

4. Evaluation of Laboratory Courses:

The laboratory courses are evaluated continuously throughout the semester for assessment. The evaluation is done with 40 marks for Continuous Internal Evaluation(CIE) and Semester End Examination (SEE) for 60 marks. Continuous Internal Evaluation for lab courses during the semester is for 40 marks. Out of 40 marks, day to day assessment of the lab work shall be judged for 20 marks. This marks are divided into 4 categories each 5 marks for Observation, attendance, performance, Viva-voce. One internal lab exam is conducted for 20 marks out of which 10 marks are allocated for viva-voce. The semester end practical examination will be conducted in the presence of external examiner appointed by the Head of the Department.

The frequency at which the above evaluations are done is listed in Table given below.

Assessment Tools and Frequency of Evaluation

Assessment Mode	**Type of Course Component**	**Assessment Tools**	**Frequency**	**Evaluation**
Direct	Theory Courses	Assignment	Twice in a semester	Theory Courses Viva – 05 M Subjective – 30 M Assignment – 05 M **Total = 40 M** **SEE 60 Marks** **Total 100 Marks**
		Viva voce/Poster Presentation/Case-Study	Once in a semester before second Mid	
		Mid-Term Examination	Twice in a semester.	
		Semester End Examination	Once in a Semester	
	Laboratory Courses	Continuous Internal Evaluation	Continuous	Day to Day Evaluation – 20 M *(Observation – 05 M* *Record – 05 M* *Experiment – 05 M* *Viva – 05 M)* Internal Exam - 20 M
		Record	Continuous	
		Internal Practical Examination	Once in a Semester	

		Semester End Examination	Once in a Semester	Semester End Exam 60 M **Total Lab - 100 M**
Indirect	Theory and laboratory Courses	Course end Survey	Once in a Semester	Survey Form

The Grading System:

Marks will be awarded to indicate the performance of each student in each Theory course and Laboratory Course based on the percentage of marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together), and a corresponding Letter Grade will be given.

As a measure of the student’s performance, a 10-point Absolute Grading System is followed according to the Table :

Grading System (GNR-22 Regulations)

% of Marks Secured (Class Intervals)	**Grade**	**Grade Points**
>=90%	O (Outstanding)	10
>=80% and < 90%	A+ (Excellent)	9
>=70% and < 80%	A (Very Good)	8
>=60% and < 70%	B+ (Good)	7
>=50% and <60%	B (Above Average)	6
>=40 and <50%	C (Average)	5

8.4.2 Record the attainment of Course Outcomes of all first year courses (5)

Institute Marks : 5.00

I B.Tech – I Sem – Course Attainments

Course code	Name of the Course	COs	Cos description	SEE	CIE	Direct Attainment	Indirect Attainment	Total
121AG	LINEAR ALGEBRA AND MULTIVARIABLE CALCULUS	CO1	Solve and analyse the solution for the system of equations	95.77	84.81	3	2.94	2.99
		CO2	Compute the Eigen values and Eigen vectors which come across under linear transformations	55.56	81.67	2	2.87	2.17
		CO3	Determine the extreme values of functions of two variables with/without constraints	92.06	89.79	3	3	3
		CO4	Find the solutions of ordinary differential equations .	76.72	69.63	3	2.7	2.94
		CO5	Evaluate double and triple integrals	83.07	65.44	3	2.55	2.91
		CO6	Apply the knowledge of mathematics for real solutions	0	0	0	1	.2

121AH	PROGRAMMING FOR PROBLEM SOLVING	CO1	Relate various computing environments and formulate solutions to problems using algorithms and flowcharts.	89.42	82.81	3	2.96	2.99
		CO2	Understand data types and control structures to solve problems.	84.13	84.37	3	2.83	2.97
		CO3	Divide a problem into functions and synthesize a complete program.	36.51	86.97	3	2.61	1.32
		CO4	Use arrays, pointers and strings to formulate programs.	93.65	70.83	3	2.97	2.99
		CO5	Apply user defined data types to model real world data.	95.77	89.84	3	2.95	2.99
		CO6	Develop solutions to problems using file-handling functions.	77.78	76.56	3	2.88	2.98

121AC	BASICS ELECTRICAL ENGINEERING	CO1	Explain and analyze the magnetic and electric circuits	92.67	71.35	3	2.98	3
		CO2	Analyze the basic circuits with application of Network Reduction Techniques and Network Theorems	80.63	76.56	3	2.82	2.96
		CO3	Demonstrate the working principles of DC Electrical machines	94.24	93.48	3	3	3
		CO4	Demonstrate the working principles of transformers and various AC Machines	91.62	79.68	3	2.7	2.94
		CO5	Explain and analyze the magnetic and electric circuits	92.67	71.35	3	2.98	3

		CO6	Analyze the basic circuits with application of Network Reduction Techniques and Network Theorems	80.63	76.56	3	2.82	2.96
121AD	DESIGN THINKING	CO1	Understand the importance of various phases of Design Thinking	97.91	95.82	3	2.97	2.99
		CO2	Empathize with the customers and formulate specific problem statement	97.38	95.31	3	2.92	2.98
		CO3	Generate an idea through ideation techniques	98.95	84.55	3	2.9	2.98
		CO4	Understand various prototyping methods and Iterate solutions	96.86	88.44	3	2.87	2.97

		CO5	Understand innovation, and application of design thinking in various sectors	98.43	95.27	3	2.98	3
121AE	ENGINEERING GRAPHICS	CO1	Acquire proficiency in instrumental drawing and will be able to visualize the object, draw conic sections and cycloidal curves	95.29	86.35	3	2.88	2.98
		CO2	Draw and understand about orthographic projections of points, straight lines.	81.68	75.86	3	2.66	2.93
		CO3	Improve visualization skills in different types of planes and solids.	94.76	74.82	3	2.75	2.95
		CO4	Draw and understand about the development of surfaces of various solids	92.67	73.82	3	2.55	2.91

		CO5	Ability to read, understand and interpret engineering drawings	94.24	79.56	3	2.6	2.92
		CO6	Apply computer aided drafting tools to create objects	0	0	0	2.97	0.59

I B.Tech – II Sem – Course Attainments

Course code	Name of the Course	COs	Cos description	SEE	CIE	Direct Attainment	Indirect Attainment	Total
122AA	APPLIED CHEMISTRY	CO1	The concepts to identify and analyse the hardness of water and its softening techniques in industry and daily usage	93.65	93.42	3	2.93	2.99
		CO2	The working principles of batteries and their applications in automobile field, corrosion and its prevention.	84.13	88.42	3	2.87	2.97

			CO3	The concepts of various types of polymers, conducting polymers, biodegradable polymers and their applications in industrial and medical fields.	88.36	71.57	3	2.46	2.89
			CO4	Different types of energy sources and their applications in various engineering fields engineering fields	92.59	78.42	3	2.96	2.99
			CO5	The usage and applications of various types of cements, lubricants and refractories in engineering field.	92.06	75.26	3	2.88	2.98

		CO6	The potential applications of chemistry in practical utility to become good engineers and entrepreneurs.	0	55.26	0	2.42	0.48
122AB	APPLIED PHYSICS	CO1	Explain the quantum mechanical aspects in physics and apply the same in differentiating the conducting properties of solids	90.48	81.15	3	2.87	2.97
		CO2	Asses and modify the carrier concentration of different types of semiconductors and also be able to understand the working of semiconducting devices.	93.12	74.86	3	2.9	2.98

		CO3	Choose materials on the basis of their electric and magnetic behaviour for different engineering applications	91.53	60.47	3	2.67	2.94
		CO4	Differentiate different types of Lasers, optical fibers and realize their application in engineering fields	94.18	80.62	3	2.93	2.99
		CO5	Appreciate the importance of nano materials and their applicability in modern engineering applications	95.77	78.0	3	2.99	3
122AF	ENGLISH FOR SKILL ENHANCEMENT	CO1	Understand the importance of vocabulary and sentence structures	77.9	89.73	3	2.89	2.98

		CO2	Choose appropriate vocabulary and sentence structures for their oral and written communication	81.77	89.21	3	3	3
		CO3	Demonstrate their understanding of the rules of functional grammar.	96.13	82.63	3	2.98	3
		CO4	Develop comprehension skills from the known and unknown passages	100	69.47	3	1.49	2.7
		CO5	Take an active part in drafting paragraphs, letters, essays, abstracts, précis and reports in various contexts	85.64	78.42	3	2.9	2.98
		CO6	Acquire basic proficiency in reading and writing modules of English	20.44	71.57	0	1	.2

122AK	NUMERICAL TECHNIQUES AND TRANSFORM CALCULUS	CO1	Find the root of the algebraic and transcendental equation and solution of a linear system of equations	95.77	90.26	3	2.93	2.99
		CO2	Fit a curve for the given data	55.56	86.84	2	2.91	2.18
		CO3	Find the Numerical solutions for a given first order initial value problem and evaluate definite integral numerically	92.06	73.68	3	2.56	2.91
		CO4	Learn Laplace Transform techniques and apply for solving ODE	76.72	47.89	2	2.67	2.13
		CO5	Understand the concepts of Gradient, Divergence and Curl of a Vector and scalar point functions	87.3	61.57	3	2.99	3
		CO6	Evaluate the line, surface and volume integrals	77.07	71.57	3	2.61	2.92

122AJ	DATA STRUCTURES	CO1	Determine and analyze the complexity of given algorithms	93.12	81.15	3	2.87	2.97
		CO2	Use basic data structures such as linked list, stack and queue	94.18	74.86	3	2.9	2.98
		CO3	Implement various kinds of searching and sorting techniques	94.18	60.47	3	2.68	2.94
		CO4	Design programs using advanced data structures like hash tables, binary trees, heaps and graphs	92.59	80.62	3	2.93	2.99
		CO5	Build and compare search trees and balanced search trees	92.59	78.01	3	2.98	3

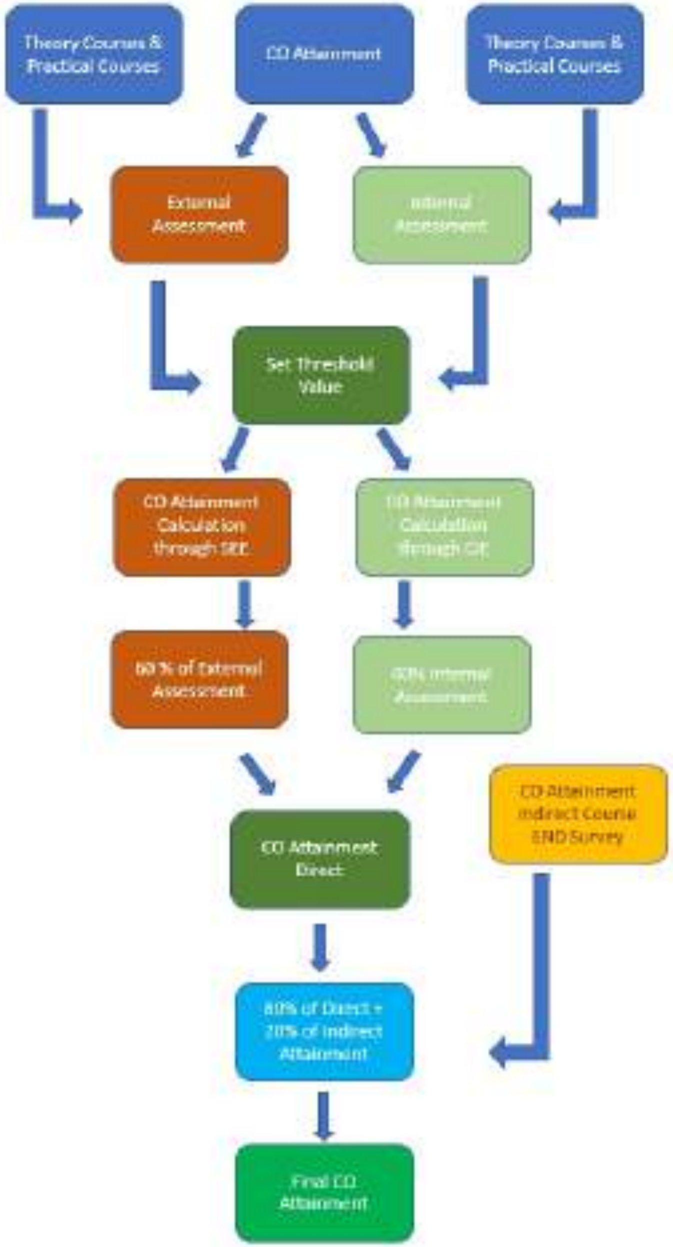
		CO6	Choose appropriate data structures as applied to specified problem definition		60.73	0	2.9	0.58

Process of Computing the Attainments:

Once the Course Outcomes are defined and are finalized for all courses of all programmes, they are assessed through various measurement tools and techniques. These tools are helpful to obtain the level of attainment of each Course Outcome (CO). For each course the faculty handling the course is deputed as the Course Coordinator. The senior faculty who is experienced in the related subjects is identified as Module Coordinator. The Department Assessment Committee (DAC) along with HOD and Module Coordinator will review the attainment of the courses.

Each Course is defined with 6 Outcomes. The CO attainment for a particular course is obtained by **80% of Direct CO Attainment (Internal and Semester End Examinations) and 20% of Indirect CO Attainment (Course End Survey).**

The Course Attainment for all the courses will be calculated including theory courses, laboratory courses. The detailed process of course Attainment calculation is explained in the Figure given below.


Theory Courses & Practical Courses
CO Attainment
Theory Courses & Practical Courses
External Assessment
Internal Assessment
Set Threshold Value
CO Attainment Calculation through SEE
CO Attainment Calculation through CIE
60 % of External Assessment
40% Internal Assessment
CO Attainment Indirect Course END Survey
CO Attainment Direct
80% of Direct + 20% of Indirect Attainment
Final CO Attainment

1. **Measuring CO Attainment for Theory Courses:**

Measuring CO attainment through Internal Examinations (Direct Assessment)

For example, the questions of Internal Examination-1 may relate to CO1, CO2 CO3 and CO4 and the questions of Internal Examination-2 may relate to CO4, CO5 and CO6. CO attainment is evaluated based on the questions that correspond to a particular CO. Each CO attainment evaluation is done by computing the average of the marks obtained by all the students for the questions that mapped to the corresponding CO.

For example Q1(a), Q1(c), Q1(d) of Part –A, Q.2, Q.3B of Part-B correspond to CO1.

To compute the average attainment of CO1, the percentage of marks obtained by each student for CO1 is calculated.

The percentage of attainment for each question is calculated for all the students in the class which is obtained by the formula:

Percentage of attainment (Question wise) = B / A * 100

Where A= Class Strength * Maximum marks for each question,

B = Marks scored by all students for each question.

The same process is done for each question addressing CO1.

Now, For CO1,

Percentage of the average value of CO1 (threshold for CO1) is calculated by

(**Total B/ Total A) *100*0.7**

Total B= Total marks obtained by all the students for the questions of CO1

Total A= Total maximum marks of all the questions of CO1

The value 0.7 is considered by simplifying 35/45 where the student has to answer for 35 marks out of 45 marks of question paper for internal exam.

Next, the number of students above the threshold value is taken and also the percentage of students above the threshold value for CO1 is calculated.

Similar process is done for other COs of Internal Examination-1 question paper.

The average value for all the course outcomes for two internal exams in a semester is calculated.

The attainment level is to be noted depending on the obtained average value as follows:

If the average CO attainment percentage falls under any one of the following category, then the attainment level is considered as shown:

Attainment Level is 0: if **less than 50%** of students score more than threshold value

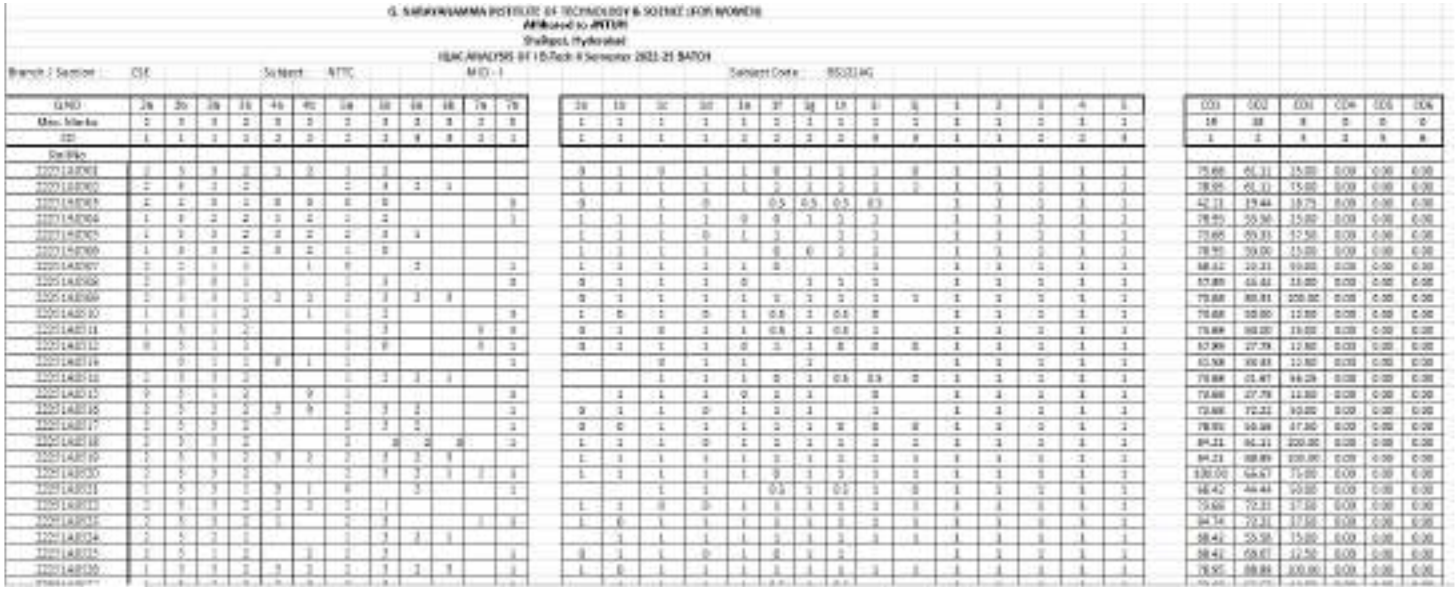
Attainment Level is 1: if **50% to 59%** of students score more than threshold value,

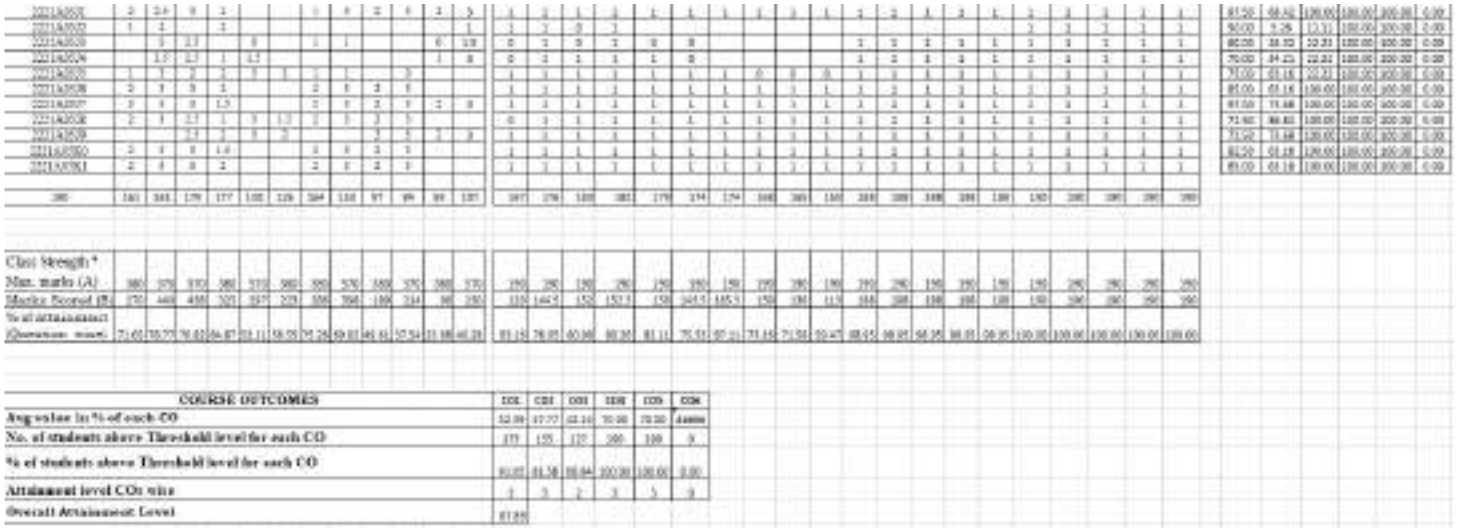
Attainment Level is 2: if **60% to 69%** of students scoring more than the threshold value

Attainment Level is 3: if **greater than or equal to 70%** of students score more than the threshold

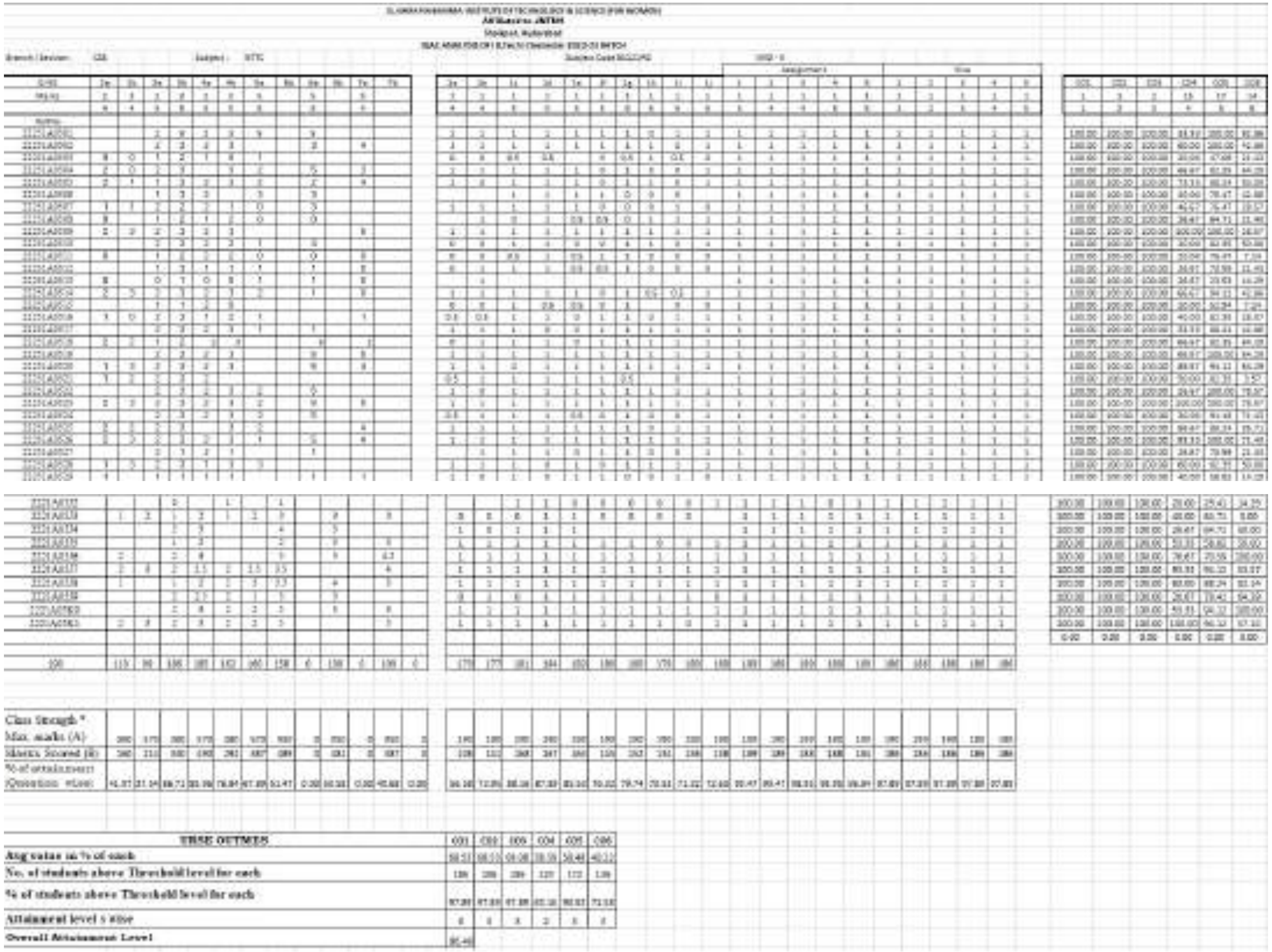
Value

Sample MID-I Attainment Process





Sample MID-II Attainment Process



Measuring CO attainment for Semester End Examinations (Direct Assessment):

For calculating CO attainment for semester end (external) examinations, the same process is followed as internal examinations. The CO-wise attainment is calculated even for semester examinations by considering the threshold value for each course outcome. The threshold value for each Course Outcome is fixed by the programme assessment committee, for example 60% of the total marks allotted for all the questions belong to a particular Course Outcome.

For example, for CO1,

Threshold is fixed and normalized as 60% of the marks * 0.5. The value 0.5 is considered by simplifying 60/120 where the student has to answer for 60 marks out of 120 marks of question paper for semester end examination. This process is adopted as all the students are considered irrespective of the students attempted the questions or not attempted the questions; in finding the number of students crossed the threshold value.

Measuring CO Attainment through Course End Survey (Indirect Assessment):

The course end survey is done for each course by collecting the students' opinion related to course outcomes through ratings for the questionnaire provided. The questionnaire is prepared related to course outcomes to know about the abilities of the students in achieving the course outcomes. The ratings will be as follows:

3- Strong 2- Moderate 1- Weak

The average of ratings for each course outcome is calculated. This is the indirect attainment for course end survey of each course outcome.

Measuring Final CO attainment for each Course:

The Final CO wise attainment is calculated by considering the 80% of CO-wise Direct Attainment and 20% of CO-wise Indirect Attainment. The average attainment of each course outcome attainment is considered as **Final Course Attainment** for a course.

2. **Measuring CO Attainment for Laboratory Courses:**

The CO Attainment for Laboratory Courses is calculated by 80% of Direct Assessment and 20% of Indirect Assessment. Direct Assessment is done through 40% of Internal Assessment and 60% External Assessment. Indirect Assessment is done through course end survey at the end of semester.

Procedure for calculating CO Attainment for Laboratory Courses (Direct Assessment):

The Direct Assessment of laboratory courses is done with Continuous Internal Evaluation and Semester End Examination. The continuous internal evaluation is for 40 marks and Semester end examination is for 60 marks. The continuous internal evaluation is marketed under 20 marks of day to day evaluation and 20 marks for internal examination.

To calculate CO-wise attainment for laboratory course, the below steps are followed:

1. The day to day evaluation of each experiment of laboratory course is evaluated for 20 marks each student of the class. The internal exam is evaluated out of 20 marks and the semester end examination marks out of 60 were considered for all the students of the class after getting the semester results.
2. The average class marks for day to day evaluation of all the experiments, internal examination, semester end examination are considered as Threshold value for calculating the attainment.
3. The percentage of students above Threshold value is considered for determining the attainment level for all the experiments, internal examination and semester end examination as shown in the Table given below.

Table Range for defining the Course Attainment Level

Description	**Range**	**Attainment Level**
Not attained	<50	0
Weak	>=50 & <60	1
Moderate	>=60 & <70	2
Strong	>=70	3

1. The experiments are mapped across the related course outcomes and the obtained attainment level is noted for all the course outcomes that are mapped for all the experiments.
2. The obtained attainment levels for internal and semester end examinations are marked for all the course outcomes.

3. The CO wise direct attainment level is calculated as follows:

For example

CO Attainment = 20% of Average of CO attainment for day to day evaluation +

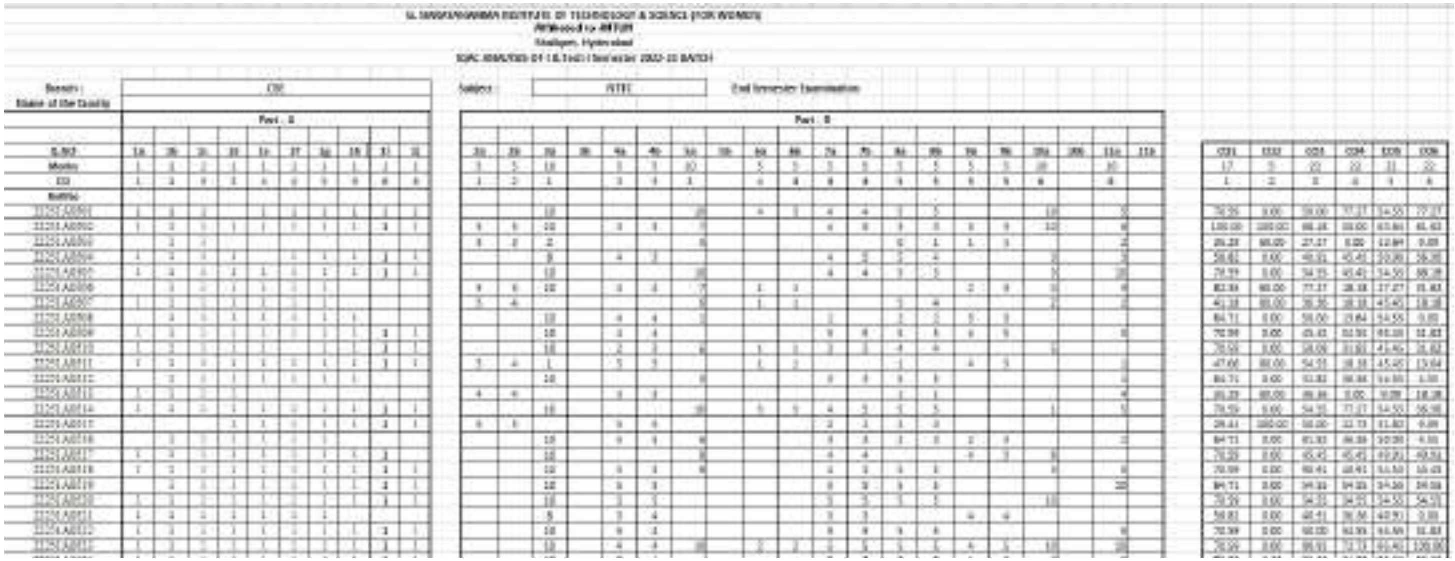
20% of CO attainment for Internal Examination +

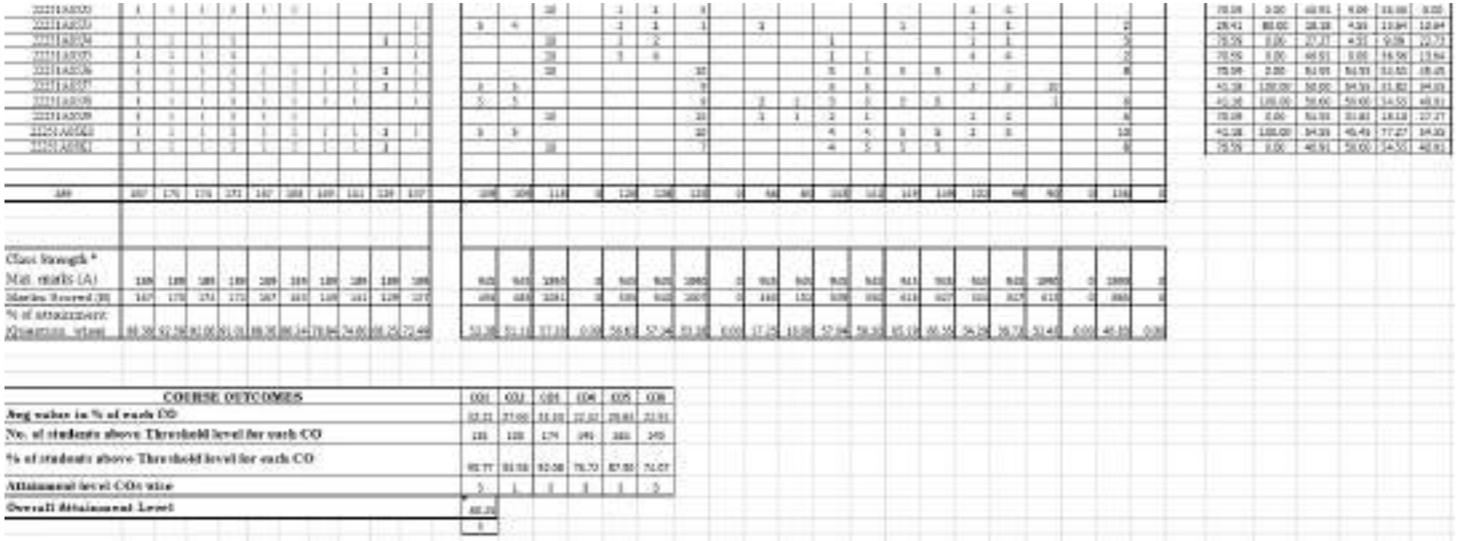
60% of CO Attainment of Semester End Examination

The procedure for calculating indirect attainment (course end survey) is same as for Theory Courses.

The final CO Attainment is calculated with 80% of direct attainment and 20% of indirect attainment.

Semester End Examination Attainment





Class Strength *

Max. marks (A)

Marks Scored (B)

% of attainment Question wise

COURSE OUTCOMES

Avg value in % of each CO

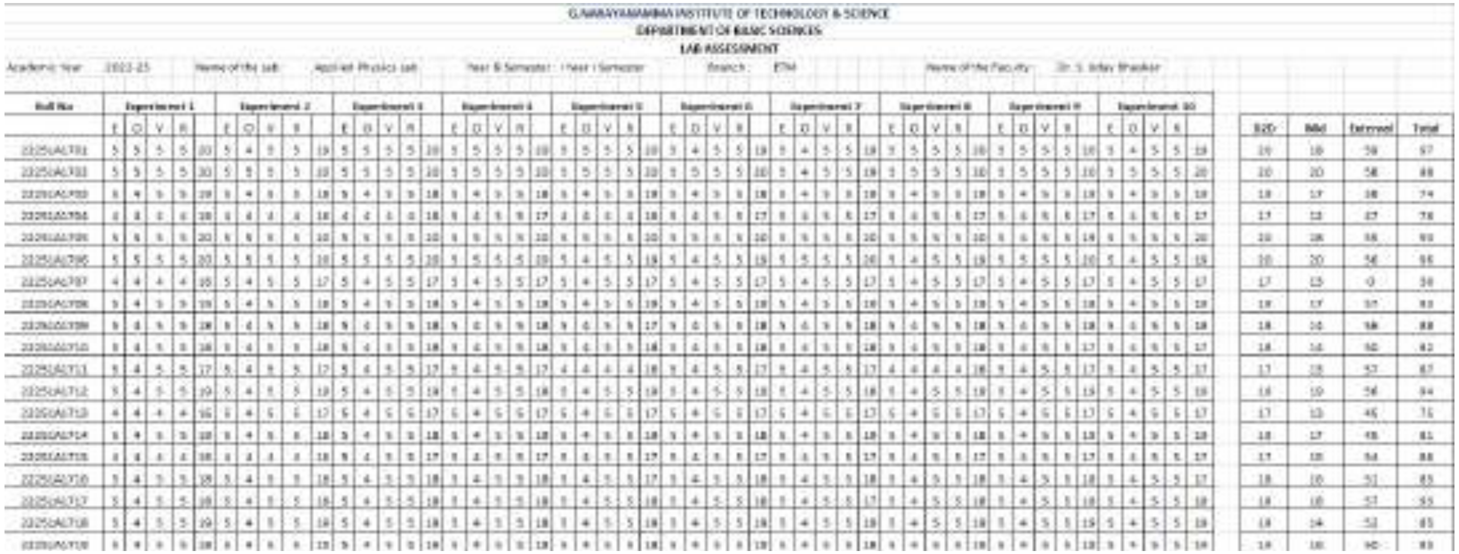
No. of students above Threshold level for each CO

% of students above Threshold level for each CO

Attainment level COs wise

Overall Attainment Level

Laboratory Attainment

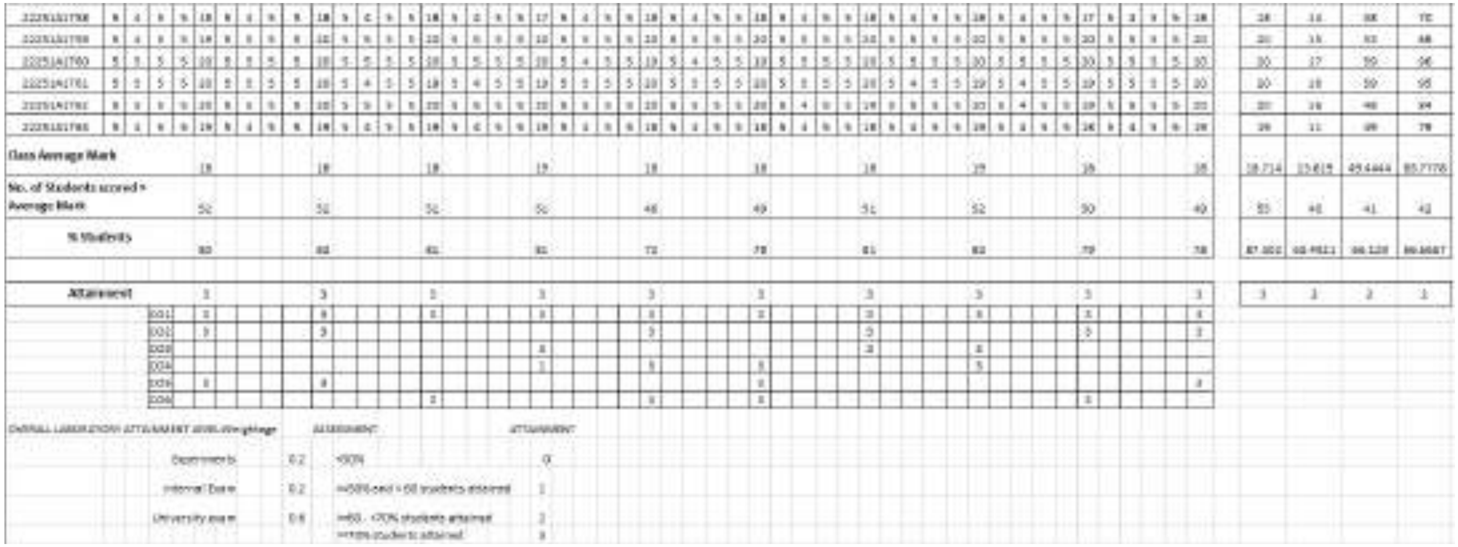


G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

DEPARTMENT OF BASIC SCIENCES

LAB ASSESSMENT

Academic Year 2022-23 Name of the Lab Applied Physics Lab Year & Semester I Year I Semester Branch ETM Name of the Faculty Dr. S. Uday Bhaskar



Class Average Mark

No. of Students scored > Average Mark

% Students

Attainment

CO1
CO2
CO3
CO4
CO5
CO6

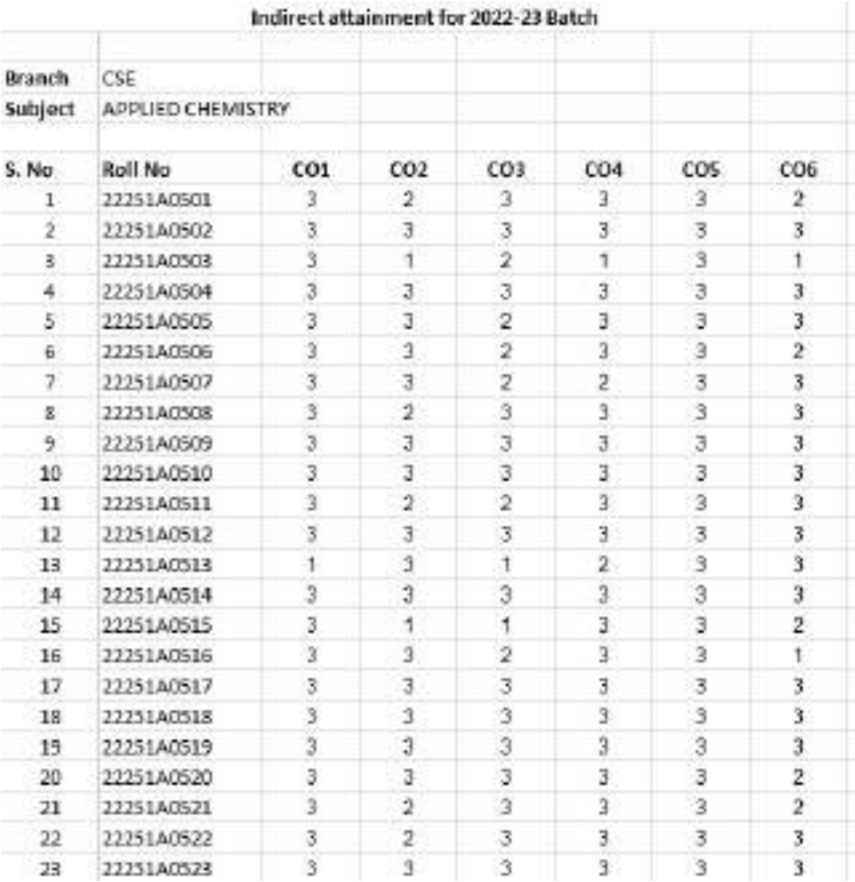
OVERALL LABORATORY ATTAINMENT LEVEL Weightage

ASSESSMENT

ATTAINMENT

Experiments 0.2 <50% 0
Internal Exam 0.2 >=50% and < 60 students attained 1
University exam 0.6 >=60 - <70% students attained 2
>=70% students attained 3

Indirect Attainment

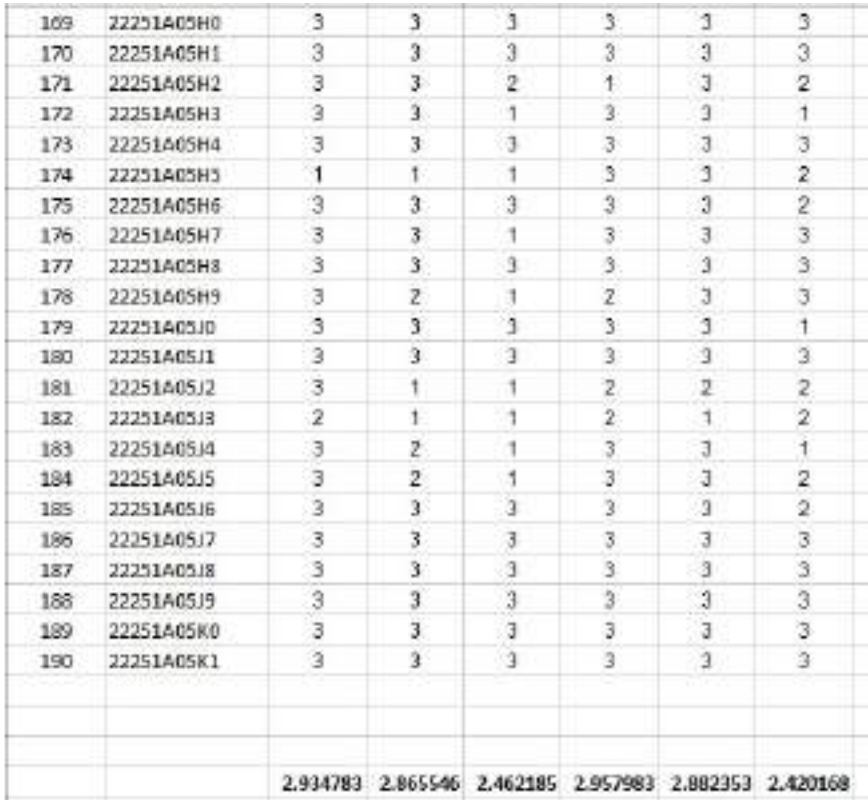


Indirect attainment for 2022-23 Batch

Branch CSE

Subject APPLIED CHEMISTRY

S. No	Roll No	CO1	CO2	CO3	CO4	CO5	CO6
1	22251A0501	3	2	3	3	3	2
2	22251A0502	3	3	3	3	3	3
3	22251A0503	3	1	2	1	3	1
4	22251A0504	3	3	3	3	3	3
5	22251A0505	3	3	2	3	3	3
6	22251A0506	3	3	2	3	3	2
7	22251A0507	3	3	2	2	3	3
8	22251A0508	3	2	3	3	3	3
9	22251A0509	3	3	3	3	3	3
10	22251A0510	3	3	3	3	3	3
11	22251A0511	3	2	2	3	3	3
12	22251A0512	3	3	3	3	3	3
13	22251A0513	1	3	1	2	3	3
14	22251A0514	3	3	3	3	3	3
15	22251A0515	3	1	1	3	3	2
16	22251A0516	3	3	2	3	3	1
17	22251A0517	3	3	3	3	3	3
18	22251A0518	3	3	3	3	3	3
19	22251A0519	3	3	3	3	3	3
20	22251A0520	3	3	3	3	3	2
21	22251A0521	3	2	3	3	3	2
22	22251A0522	3	2	3	3	3	3
23	22251A0523	3	3	3	3	3	3



169	22251A05H0	3	3	3	3	3	3
170	22251A05H1	3	3	3	3	3	3
171	22251A05H2	3	3	2	1	3	2
172	22251A05H3	3	3	1	3	3	1
173	22251A05H4	3	3	3	3	3	3
174	22251A05H5	1	1	1	3	3	2
175	22251A05H6	3	3	3	3	3	2
176	22251A05H7	3	3	1	3	3	3
177	22251A05H8	3	3	3	3	3	3
178	22251A05H9	3	2	1	2	3	3
179	22251A05J0	3	3	3	3	3	1
180	22251A05J1	3	3	3	3	3	3
181	22251A05J2	3	1	1	2	2	2
182	22251A05J3	2	1	1	2	1	2
183	22251A05J4	3	2	1	3	3	1
184	22251A05J5	3	2	1	3	3	2
185	22251A05J6	3	3	3	3	3	2
186	22251A05J7	3	3	3	3	3	3
187	22251A05J8	3	3	3	3	3	3
188	22251A05J9	3	3	3	3	3	3
189	22251A05K0	3	3	3	3	3	3
190	22251A05K1	3	3	3	3	3	3
		2.934783	2.865546	2.462185	2.957983	2.882353	2.420168

8.5 Attainment of Program Outcomes from first year courses (20) Total Marks 20.00

8.5.1 Indicate results of evaluation of each relevant PO and/or PSO if applicable (10)

Institute Marks : 10.00

POs Attainment:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	2.51	2.51	2.09	1.53	1.53	1.67	1.39	PO8	PO9	PO10	1.39	1.67
C102	1.34	1.51	1.34	1.51	1.51	1.18	1.34	0.84	1.34	1.68	1.34	0.84
C103	2.37	2.37	0.79	0.79	1.26	PO6	PO7	PO8	PO9	PO10	PO11	1.32
C104	1.81	1.66	1.81	1.81	PO5	PO6	PO7	PO8	1.81	PO10	PO11	PO12
C105	1.45	0.72	1.30	0.72	0.87	1.59	0.72	1.01	0.72	1.01	0.72	0.72
C106	1.41	1.41	1.64	1.41	0.82	PO6	PO7	PO8	1.41	PO10	PO11	PO12
C107	2.12	2.12	1.77	1.41	PO5	PO6	PO7	PO8	PO9	PO10	1.41	1.41
C108	1.65	1.65	1.65	1.38	1.10	1.24	1.38	0.83	0.83	1.65	1.32	1.52
C109	1.98	1.70	2.55	PO4	1.70	1.42	1.28	PO8	PO9	PO10	PO11	1.42
C110	2.23	1.46	1.67	2.09	1.51	1	PO7	0.84	0.84	0.84	PO11	1.53
C111	1.65	PO2	PO3	PO4	1.65	1.32	1.65	1.45	1.38	2.48	PO11	2.48
C112	2.58	2.58	2.44	0.86	PO5	PO6	PO7	PO8	PO9	PO10	PO11	0.86
C113	2.69	2.09	1.79	0.90	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C114	1.62	1.44	1.80	1.80	0.72	2.16	0.72	PO8	PO9	PO10	PO11	0.96
C115	1.04	1.04	0.92	1.04	1.38	1.15	1.15	0.69	1.38	0.69	PO11	1.38
C116	PO1	PO2	0.71	0.94	1.77	0.94	0.71	1.06	1.77	2.12	1.77	2.12
C117	2.14	2.14	2.02	0.83	1.43	PO6	PO7	PO8	PO9	PO10	PO11	0.71

PO Attainment Level

PSOs Attainment:

Course	PSO1	PSO2
C101	0.84	PSO2
C102	0.84	0.84
C103	1.32	PSO2
C104	1.81	1.51
C105	PSO1	0.81
C106	1.41	1.29
C107	0.71	PSO2
C108	1.32	1.32
C109	1.06	0.85
C110	0.84	0.84
C111	PSO1	0.83
C112	1.29	PSO2
C113	1.79	PSO2
C114	0.72	1.08
C115	0.69	0.69
C116	PSO1	0.71
C117	1.14	PSO2

PSO Attainment Level

Course	PO1	PO2
Direct Attainment	1.13	0.98
PSO Attainment	1.13	0.98

8.5.2 Actions taken based on the results of evaluation of relevant POs and PSOs (10) Institute Marks : 10.00

POs Attainment Levels and Actions for Improvement- (2022-23)

<table>
<tr><th>POs</th><th>Target Level</th><th>Attainment Level</th><th>Observations</th></tr>
<tr><td colspan="4">PO 1 : Engineering Knowledge</td></tr>
<tr><td>PO 1</td><td>1.2</td><td>1.91</td><td>Target level has been achieved for PO1.</td></tr>
<tr><td colspan="4">Assignments were given for practice for gaining conceptual knowledge in Engineering.</td></tr>
<tr><td colspan="4">PO 2 : Problem Analysis</td></tr>
<tr><td>PO 2</td><td>1.2</td><td>1.76</td><td>Target level has been achieved for PO2.</td></tr>
<tr><td colspan="4">Tutorial classes were conducted for problem solving on all Engineering applications.</td></tr>
<tr><td colspan="4">PO 3 : Design/development of Solutions</td></tr>
<tr><td>PO 3</td><td>1.2</td><td>1.64</td><td>Target level has been achieved for PO3.</td></tr>
<tr><td colspan="4">Awareness programmes and practical sessions were conducted on design and development of solutions.</td></tr>
<tr><td colspan="4">PO 4 : Conduct Investigations of Complex Problems</td></tr>
<tr><td>PO 4</td><td>1.2</td><td>1.27</td><td>Target level has been achieved for PO4.</td></tr>
<tr><td colspan="4">Provided various real time problems in assignments to solve complex problems in Engineering.</td></tr>
<tr><td colspan="4">PO 5 : Modern Tool Usage</td></tr>
<tr><td>PO 5</td><td>1.2</td><td>1.33</td><td>Target level has been achieved for PO5.</td></tr>
<tr><td colspan="4">Provided various platforms for understanding the usage of modern tools in understanding the engineering concepts.</td></tr>
<tr><td colspan="4">PO 6 : The Engineer and Society</td></tr>
<tr><td>PO 6</td><td>1.2</td><td>1.37</td><td>Target level has been achieved for PO6.</td></tr>
<tr><td colspan="4">Various awareness programmers were organized to make the students understand the connection between societal needs and engineering applications.</td></tr>
<tr><td colspan="4">PO 7 : Environment and Sustainability</td></tr>
<tr><td>PO 7</td><td>1.2</td><td>1.15</td><td>C105- Students found difficulty in understanding the concepts and importance of sustainability. C114-The curriculum lacks sufficient practical application opportunities and hands-on experiences C115-They should strive to develop and implement sustainable practices in their work, such as reducing energy consumption, minimizing waste, and adopting eco-friendly manufacturing processes. C116: As there is no direct correlation between the English language learning and the above the target level was not attained.</td></tr>
<tr><td colspan="4">C105-Provided societal based examples during the explanation to improve the concentration towards the learning. C114-Encourage the students for hands-on learning experiences, group projects, case studies to understand the need for sustainable development. C115-Encourages students to take part in competitions, and workshops C116-The course plan is designed to include activities that sensitize students towards environmental awareness and sustainability.</td></tr>
<tr><td colspan="4">PO 8 : Ethics</td></tr>
</table>

PO 8	1.2	0.96	C102 & C108-Students experienced difficulty in committing the ethical guidelines in the practical classes. Since it is based on both individual and group activity, some of them were not involved much in the activities. C105-Students experienced difficulty in committing the ethical guidelines in the practical classes. C110-Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. C115-Apply ethical principles and commit to professional ethics a to fulfill the norms of the engineering practice.
C102,C105&C108-Specific rubrics to clearly analyze the individual contribution towards the work completion motivated the students to learn ethical behavior in practice. C110-Educate students about ethical considerations in research, and responsible conduct, ensuring adherence to ethical guidelines throughout their investigations. C115-Educate students about ethical considerations in skill development resulting to research, and responsible for conducting investigations in physics.			

PO 9 : Individual and Team Work

PO 9	1.2	1.28	Target level has been achieved for PO9.
Students were educated about the importance of team work in executing the programmes related to academics as well as presentations.			

PO 10 : Communication

PO 10	1.2	1.50	Target level has been achieved for PO10.
students were trained on communication skills in their lab sessions for better sharing of their knowledge.			

PO 11 : Project Management and Finance

PO 11	1.2	1.33	Target level has been achieved for PO11.
Provided sessions on financial management for executing the project with in the limitations.			

PO 12 : Life-long Learning

PO 12	1.2	1.35	Target level has been achieved for PO12.
Conducted classes on understanding the real time situations and solving the problems using their practical knowledge.			

PSOs Attainment Levels and Actions for Improvement- (2022-23)

PSOs	Target Level	Attainment Level	Observations
PSO 1 : The ability to develop software projects using standard practices and suitable programming environment.			
PSO 1	1.2	1.13	C102-Lack of direct correlation with the concerned PSO C114-Due to insufficient practical application opportunities with industry demands C109-Lack of direct correlation with the concerned PSO C110-Adhering to standard practices and mastering suitable programming environments can require a significant learning curve, especially for beginners.
C102- Regular update of the advanced technologies C114-Updating equipment and facilities developing new experiments that reflect industry practices. C109-Enhancing teaching methodologies and resources, fostering interdisciplinary integration, providing student support services, and continuously monitoring and revising assessment methods. C110-Standard practices in physics ensure consistency in coding style, documentation, and project organization, leading to more reliable and maintainable software.			
PSO 2 : To apply computer science knowledge in exploring and adopting latest technologies in different co-curricular activities.			
PSO 2	1.2	0.98	C102&C105-Lack of direct correlation with the concerned PSO C116- The course has no direct correlation with the concerned Po and hence the low attainment level. C109-Lack of direct correlation with the concerned PSO C114-Due to insufficient practical application opportunities with industry demands C115-Applying computer science knowledge in co-curricular activities offers numerous advantages for physics students in terms of interdisciplinary skills.
C102&C105- Regular update of the advanced technologies C116- The course plan has been designed to include the concepts related to latest technologies in language learning. C109- Enhancing teaching methodologies and resources, fostering interdisciplinary integration, providing student support services, and continuously monitoring and revising assessment methods. C114-Updating equipment and facilities developing new experiments that reflect industry practice C115-In Innovation and Creativity ,Exposure to the latest experiments among physics students, empowering them to develop novel solutions and explore cutting-edge applications in areas such as data analysis, simulation, and modelling.			

9 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

9.1 Mentoring system to help at individual level (5)

Total Marks 5.00

Institute Marks : 5.00

Mentoring system to help individual level

In a professional institute, the academic environment differs from that of a school where students complete their 10+2 education. The primary objective of a professional institute is to equip students with specialized skills, foster their overall development, and enhance their employability. However, many students joining GNITS come from rural backgrounds with diverse socio-economic experiences, making their adjustment to the new environment challenging. In response to this situation, GNITS has introduced a Mentor Mentee Program to provide guidance and support to these students.

The Mentor Mentee Program aims to offer emotional and practical assistance, encouragement, and a conducive atmosphere for the students in the institute. Mentors play a crucial role in nurturing students and have positive impact on their academic achievements and persistence. The program allows mentees to approach their mentors for both academic and personal guidance. Its main purpose is to help students strengthen their various capabilities and foster a strong interpersonal relationship between faculty members and students.

At GNITS, the mentoring program is well-structured, with each faculty member assigned to mentor around 19-21 students. During the first year, mentors are chosen from the respective first-year departments, and as students progress to subsequent years, they are paired with mentors from their particular departments, ensuring a consistent support system throughout their course of study.

The responsibilities of a mentor are diverse and extend beyond a fixed list. While the mentioned functions are essential, mentors are encouraged to go above and beyond to ensure the well-being and success of their mentees.

Mentor Responsibilities:

1. Conduct bi-monthly meetings with the group of assigned students.
2. Maintain accurate records of students personal information, including addresses, contact numbers, and academic progress, to monitor their growth effectively.
3. Provide continuous monitoring, counseling, guidance, and motivation to students in all academic matters.
4. Advise students on elective choices, project selection, and summer training opportunities.
5. Initiate communication with parents/guardians when necessary, such as addressing academic irregularities, behavioral changes, interpersonal issues, or harmful activities.
6. Offer professional and career guidance to students, assisting them in their career development.
7. Establish ongoing contact with students even after their graduation.
8. Notify the Head of Department (HOD) and suggest appropriate administrative actions if required.
9. Maintain a comprehensive and progressive record of each students development.
10. Offer professional guidance on setting professional goals, career choices, and pursuing higher education.
11. Support students in exploring self-employment opportunities and entrepreneurship while promoting values like integrity and honesty for career growth.
12. Provide guidance on course-specific matters, including attendance and academic performance.
13. We also offer the support of a trained psychological professional who assists students with any of their psychological issues.

Mentee Responsibilities:

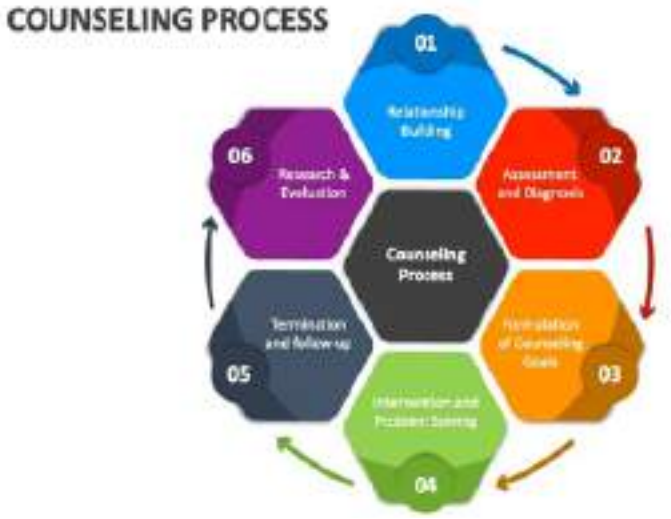
1. Regularly attend meetings with the mentor as scheduled.
2. Provide necessary personal information upon joining the mentor-mentee system.
3. Share details of attendance, continuous assessment, examination results, as well as co-curricular and extra-curricular activities with the mentor when requested.
4. Trust the mentor and seek advice whenever needed.

There is a counselling committee at the college level headed by Mrs.V.Jahnavi, Trained psychologist to provide the emotional growth /social growth counselling

Functions of the Committee:

1. The Counselling Committee ensures availability of Counselling service as and when required to the students with their concerns.
2. The Counselling Committee helps students to cope with the fast-paced changes in the stressful modern lifestyle and to correct their concerns on their own through Counselling and Guidance.
3. The Committee provides assistance to enhance their ability to work on social and emotional development that will impact their productivity in their work life.
4. Through Counselling the Committee gives a hope that there is a better way, or a way out with problems they can’t handle, can’t control, or just don’t know how to deal with.
5. Every year two awareness sessions, one each for the first year students during Induction programme and one for the senior students, are conducted besides the regular counselling and guidance provided to the students who approach the Counsellor personally.

6. At the end of the two sessions, feedback of the participants is collected and analysed to ascertain the impact.


COUNSELING PROCESS
01
Relationship Building
02
Assessment and Diagnosis
03
Formulation of Counseling Goals
04
Intervention and Problem Solving
05
Termination and follow-up
06
Research & Evaluation
Counseling Process

The students who need higher mentoring/counselling , Ms.V.Jahnavi, a trained psychologist gives intended professional approach

10-10-2023 World Mental Health Day

Speech by Dr.Visesh -- ‘Midset Matters: Unlocking your Potential’

Following is the summary of the mentoring for few students who were in need of help from a psychologist.

AY 2021-22

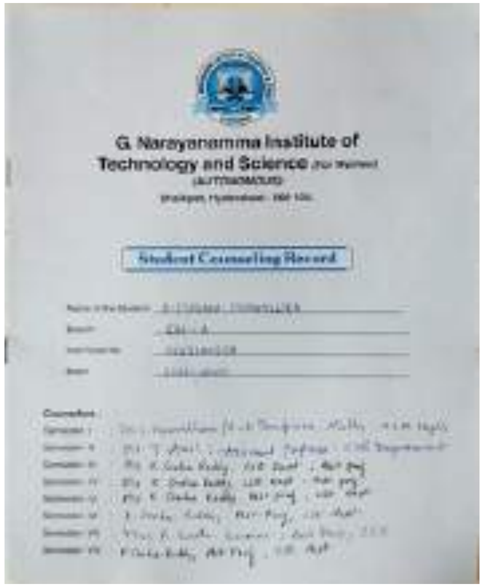
Sl. No.	Name of the Mentee	Branch/ Batch	Name of the Mentor	Problem	Efficacy
1.	PUR	CSE 2021-24 (LE)	Ms.V.Jahnavi	Stress and anxiety, due to academic pressure, exams and social situations post COVID	Counselled to prioritize tasks, seek support, communicate with faculty, practice self-care and set realistic goals. Observed improvement

AY 2022-23

Sl. No.	Name of the Mentee	Branch/ Batch	Name of the Mentor	Problem	Efficacy
1.	SL	CSE 2021-25	V. Jahnavi	Loneliness & isolation. Wanted to go back to hometown and join a college there.	Offered support, coping strategies & connection-building skills. Helped to explore the underlying emotions to foster meaningful relationships and improve well-being.

Students Counselling / Mentoring:

Data including parent communication details, monthly attendance, marks for each subject/lab in every semester (Internals & Externals), CGPA, student feedback, extra & co-curricular activities, and achievements such as prizes, awards, appreciation, and ranks in competitive exams like GRE, TOEFL, GATE, and job placements, are available in the counselling record. This information serves as a basis for future communication and guidance throughout their college journey. Fig. 9.1.4 to 9.1.6 shows the pictures of few pages in counselling record of a student.



G. Narayanamma Institute of
Technology and Science

Student Counseling Record

Figure 9.1.4 Counselling Record of student

Figure 9.1.5 Counselling Record consisting of status at the time of leaving department

Figure 9.1.6 Counselling Record of student showing placement details

Figure. 9.1.7 and 9.1.8 shows the students allotment to faculty for mentoring in a semester. The allotment includes students from II,III and IV years

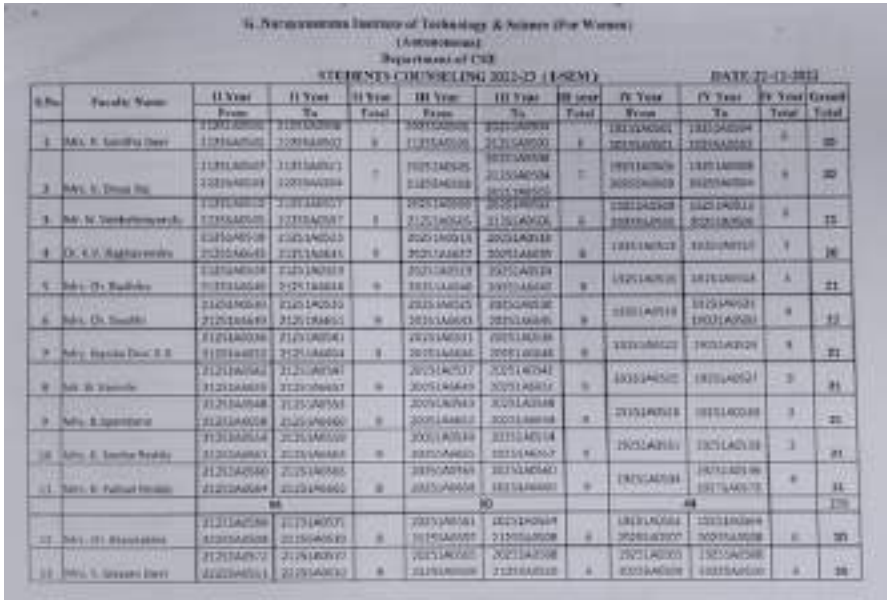


Figure 9.1.7 Counselling Allotment of students to Faculty during 2022-2023 sem-I

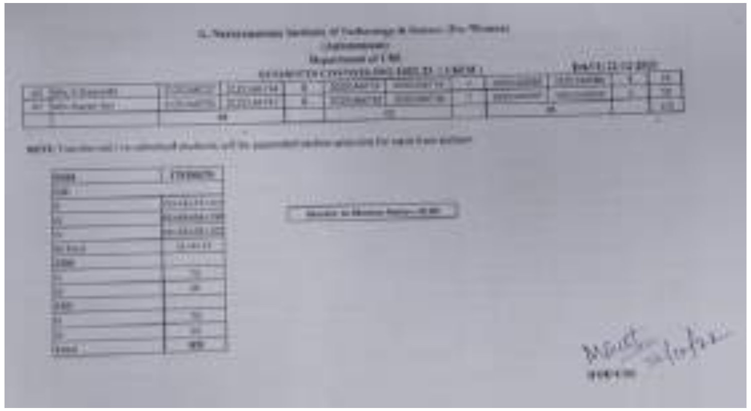


Figure 9.1.8 Counselling Allotment of students to Faculty during 2022-2023 sem -I

Figure 9.1.9 shows the counselling summary of a faculty of department at the end of the semester. To prepare the student counselling report, faculty refer the counselling books of their mentees and submit it to counselling in charge in department.

Figure 9.1.9 Student Counselling Report from Faculty at the end of semester

Mentor Mentee Ratio:

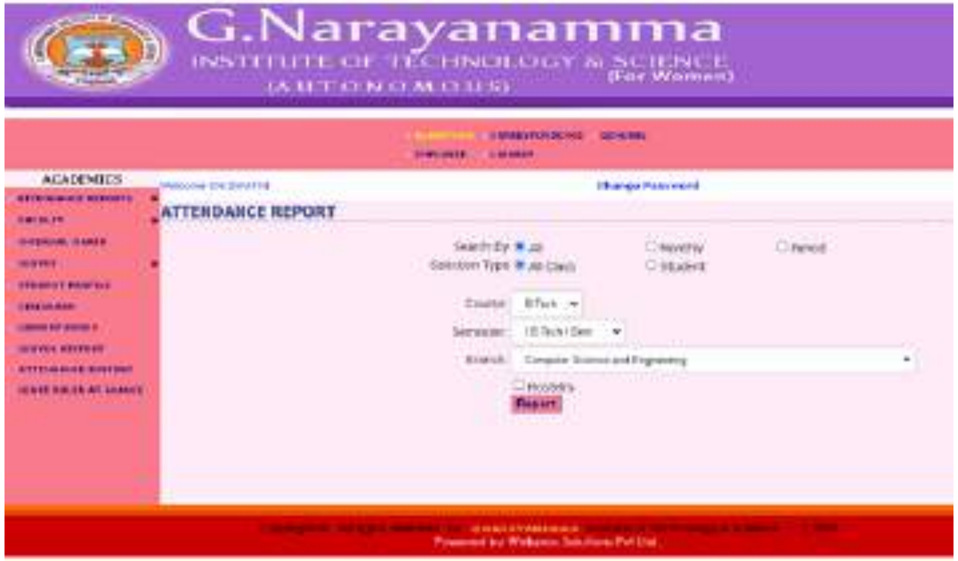
Each semester, a group of students is assigned to each Mentor. This has a significant impact on both academic and health improvement of the Mentee. The person in charge of student counselling assigns a maximum of 19 students for efficient, simple, and seamless counselling during the student assignment process to faculty. The departments Mentor-Mentee ratio of academic year 2020 to 2024 and semester is listed below Table 9.1.2.

Table 9.1.2 Mentor to Mentee ratio of CSE department from 2020 to 2024

Academic Year	Semester	Mentor to Mentee ratio
2020-2021	I	1:19
	II	1:20
2021-2022	I	1:17
	II	1:17
2022-2023	I	1:19
	II	1:18
2023-2024	I	1:18
	II	1:18

Engineering College Automation Package (E-Cap) Software:

E-Cap offers a well-established student support and mentoring system. The institution has a software package called E-Cap that simplifies the counselling process. All faculty in the department are members of this system. Each faculty member has their own username and password to log in. Teachers enter attendance for their classes/labs on a daily basis. The faculty and parents can track the progress of students from any location. Fig. 9.1.10 and Fig. 9.1.11 shows the details of E-Cap. It helps the mentor in monitoring the students easily and effectively.



ATTENDANCE REPORT

Search By: ● All ○ Monthly ○ Period

Selection Type: ● All Class ○ Student

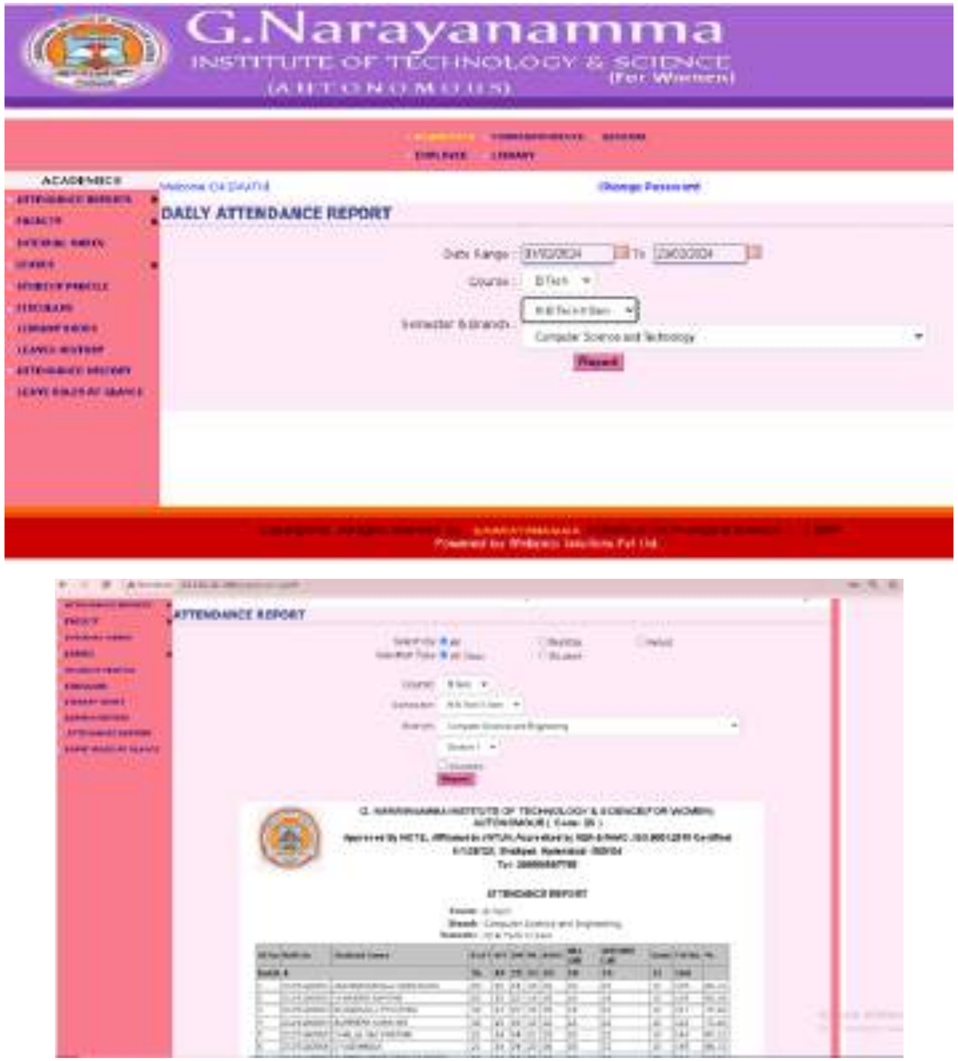
Course: B.Tech

Semester: I B.Tech I Sem

Branch: Computer Science and Engineering

☐ Hostlers

Figure 9.1.10 E-Cap details



G.Narayanamma
INSTITUTE OF TECHNOLOGY & SCIENCE
(For Women)
(AUTONOMOUS)

ACADEMICS

DAILY ATTENDANCE REPORT

Date Range :
Course : B.Tech
Semester & Branch : Computer Science and Technology

ATTENDANCE REPORT

Branch: Computer Science and Engineering

Figure 9.1.11 E-Cap showing attendance report of students

9.2 Feedback analysis and reward /corrective measures taken, if any (10)

Total Marks 10.00

Institute Marks : 10.00

Feedback collected for all courses: YES

Specify the feedback collection process:

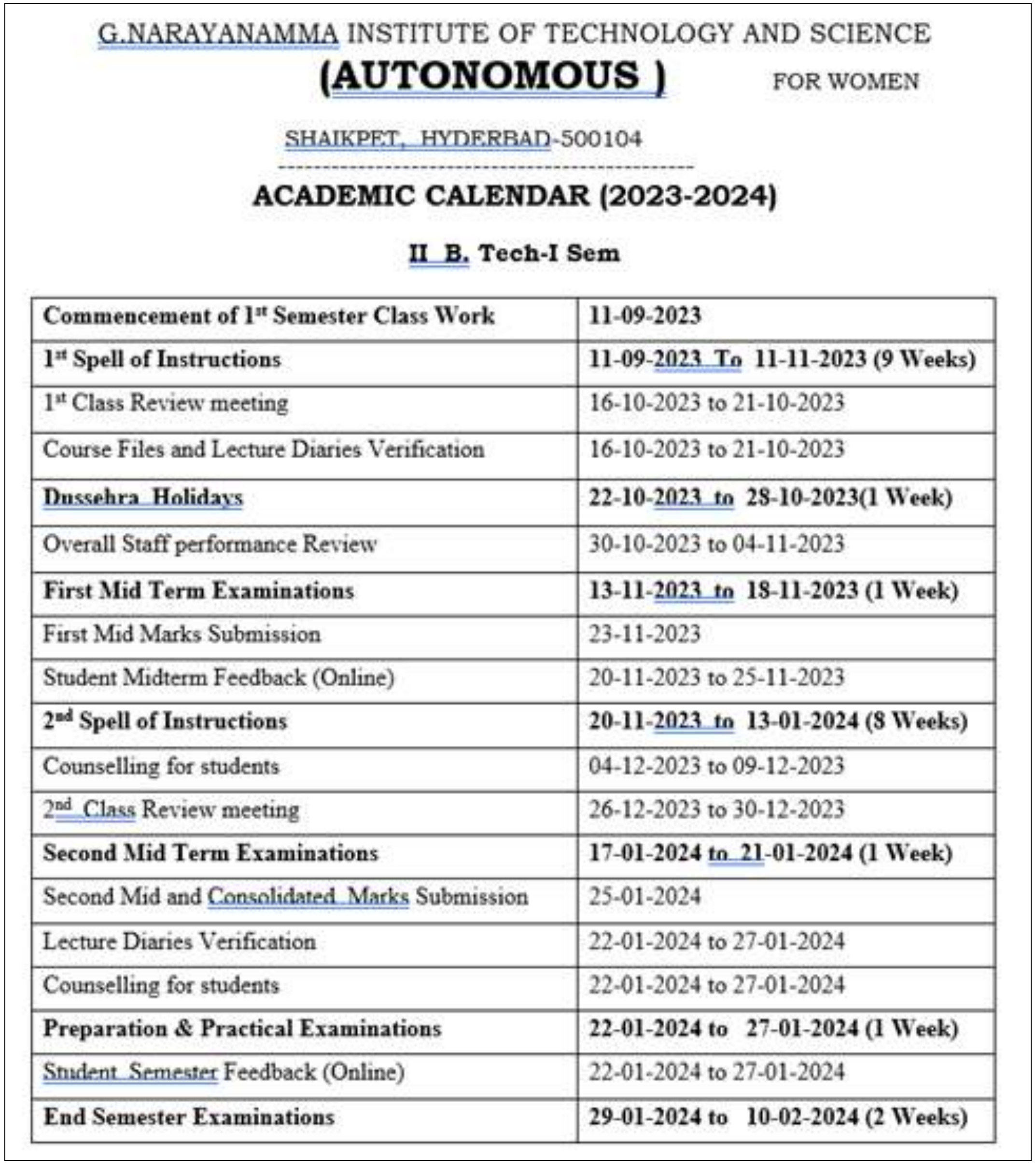
Both Interactive and Online Feedbacks are Collected. Collecting feedback from students on faculty is an essential aspect of improving the overall educational experience. GNITS has a properly structured mechanism to obtain Feedback from Students on Faculty and the Teaching Process through well designed formats.

The Feedback is collected at 2 Levels:

1. Interactive Feedback in Class Review Committee (CRC) Meeting from a Focussed Group of Students as Scheduled in Academic Calendar. (Twice Every Semester – 1 week before commencement of Mid I and Mid II)
2. Online Feedback from all Students as scheduled in the Academic Calendar.(Once Every Semester till 2022-2023 and Twice Ever Semester from 2023-2024)

Department has a Class Review Committee (CRC) headed by Dean Academics , HOD, concerned staff, eight student representatives from each section of II B.Tech to IV B.Tech The student representatives from each section consisting of three students from class toppers, three students from average performers and three students from Telugu medium background.

1. CRC meetings: are held two weeks before the Mid Term exams to review the status of syllabus coverage, to know any grievances of students with respect to concerned subject delivery of faculty and to decide if any extra classes are required to cover the syllabus for the Mid examination. Based on the CRC meeting report, the HOD will take corrective actions accordingly. The class teacher of the concerned section will provide extra classes for the coverage of the syllabus.



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(AUTONOMOUS) FOR WOMEN

SHAIKPET, HYDERBAD-500104

ACADEMIC CALENDAR (2023-2024)

II B. Tech-I Sem

Commencement of 1st Semester Class Work	**11-09-2023**
1st Spell of Instructions	**11-09-2023 To 11-11-2023 (9 Weeks)**
1st Class Review meeting	16-10-2023 to 21-10-2023
Course Files and Lecture Diaries Verification	16-10-2023 to 21-10-2023
Dussehra Holidays	**22-10-2023 to 28-10-2023(1 Week)**
Overall Staff performance Review	30-10-2023 to 04-11-2023
First Mid Term Examinations	**13-11-2023 to 18-11-2023 (1 Week)**
First Mid Marks Submission	23-11-2023
Student Midterm Feedback (Online)	20-11-2023 to 25-11-2023
2nd Spell of Instructions	**20-11-2023 to 13-01-2024 (8 Weeks)**
Counselling for students	04-12-2023 to 09-12-2023
2nd Class Review meeting	26-12-2023 to 30-12-2023
Second Mid Term Examinations	**17-01-2024 to 21-01-2024 (1 Week)**
Second Mid and Consolidated Marks Submission	25-01-2024
Lecture Diaries Verification	22-01-2024 to 27-01-2024
Counselling for students	22-01-2024 to 27-01-2024
Preparation & Practical Examinations	**22-01-2024 to 27-01-2024 (1 Week)**
Student Semester Feedback (Online)	22-01-2024 to 27-01-2024
End Semester Examinations	**29-01-2024 to 10-02-2024 (2 Weeks)**

Figure 9.2.1 Academic Calendar

Feedback through CRC Meetings:

CRC emphasizes on Subject delivery, Understanding Concept, Syllabus completion, Classroom facilities and any other general problems.

Constitution of CRC:

1. Head of the Department (HoD) or InchrgeHoD
2. Dean Academics/Principal
3. Course Instructors
4. 8 Students.

The composition of the Student members in the CRC will be as follows

a. Class Representative (CR)

b. Incharge Class Represesntative (ICR)

c. 2 students from the CGPA band of 8 to 10

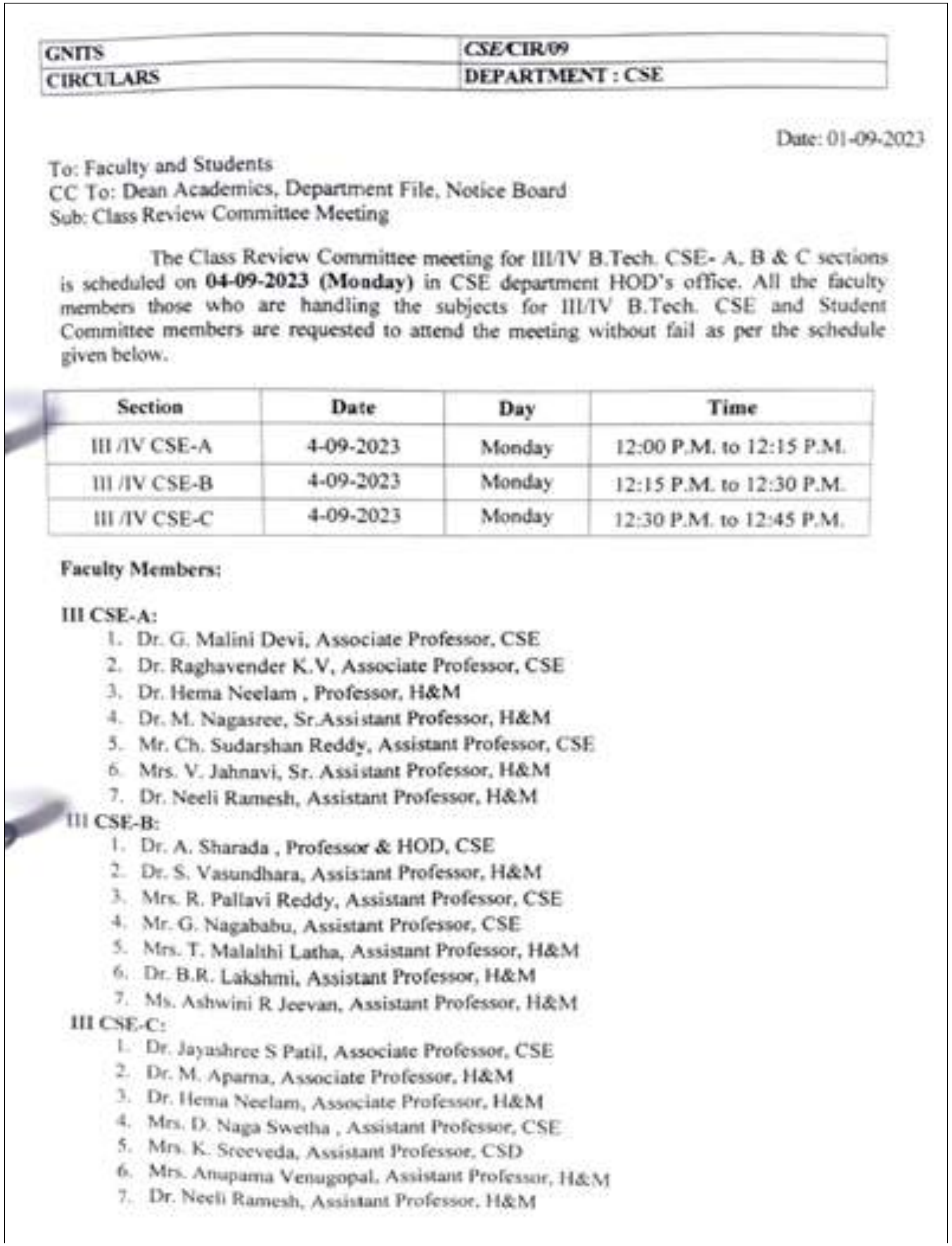
d. 2 students from the CGPA band of 6.5 to 8

e. 2 students from the CGPA below 6.5

Out of these 8 Student Members, at least one must be from Hostel and One from Lateral Entry category.

It is mandatory to have at least one student from each Elective.

In the absence of any of the above mentioned student members, other students are invited from the same category



GNITS	***CSE/CIR/09***
CIRCULARS	**DEPARTMENT : CSE**

Date: 01-09-2023

To: Faculty and Students
CC To: Dean Academics, Department File, Notice Board
Sub: Class Review Committee Meeting

The Class Review Committee meeting for III/IV B.Tech. CSE- A, B & C sections is scheduled on **04-09-2023 (Monday)** in CSE department HOD's office. All the faculty members those who are handling the subjects for III/IV B.Tech. CSE and Student Committee members are requested to attend the meeting without fail as per the schedule given below.

Section	Date	Day	Time
III /IV CSE-A	4-09-2023	Monday	12:00 P.M. to 12:15 P.M.
III /IV CSE-B	4-09-2023	Monday	12:15 P.M. to 12:30 P.M.
III /IV CSE-C	4-09-2023	Monday	12:30 P.M. to 12:45 P.M.

Faculty Members:

III CSE-A:

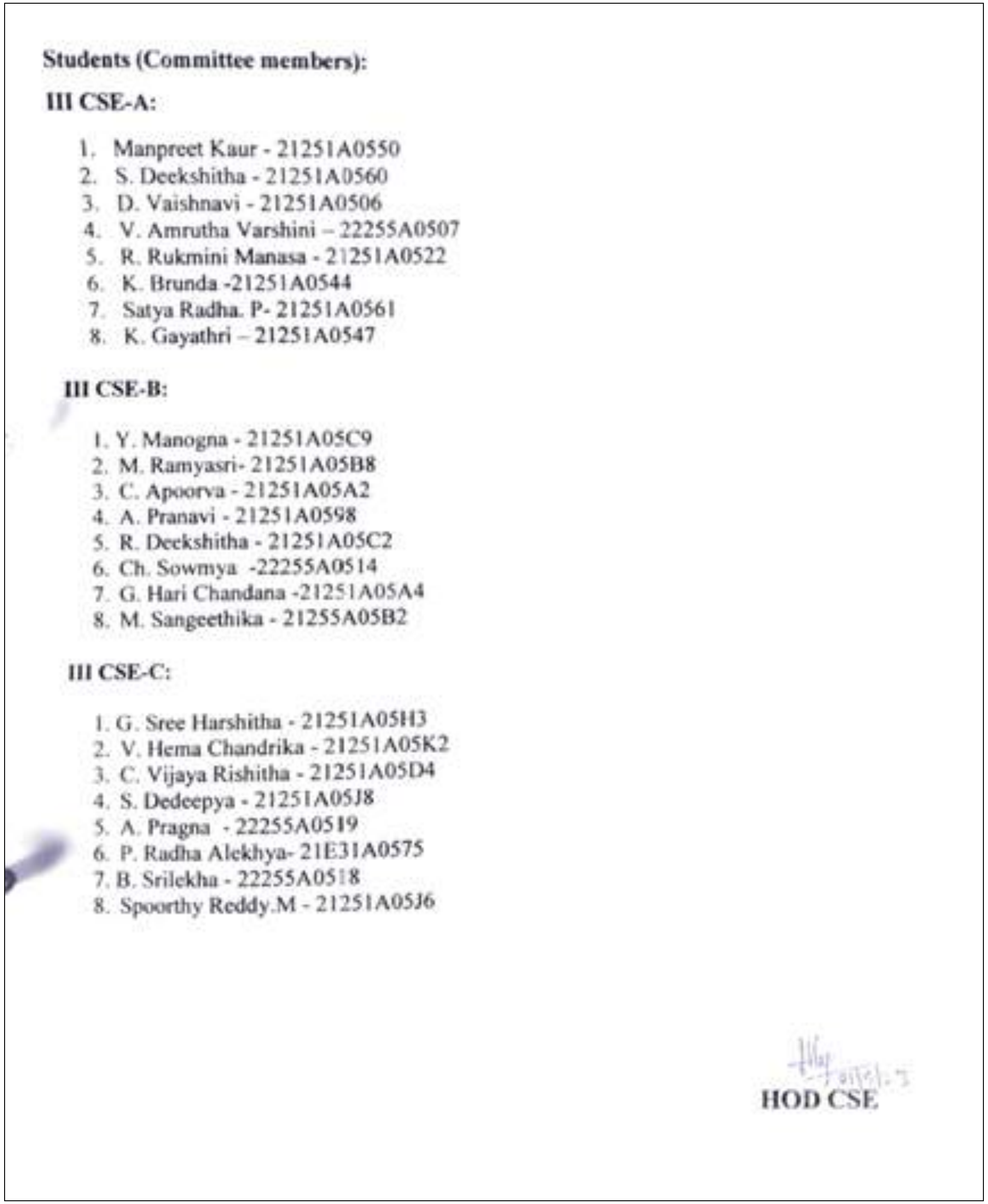
1. Dr. G. Malini Devi, Associate Professor, CSE
2. Dr. Raghavender K.V, Associate Professor, CSE
3. Dr. Hema Neelam , Professor, H&M
4. Dr. M. Nagasree, Sr.Assistant Professor, H&M
5. Mr. Ch. Sudarshan Reddy, Assistant Professor, CSE
6. Mrs. V. Jahnavi, Sr. Assistant Professor, H&M
7. Dr. Neeli Ramesh, Assistant Professor, H&M

III CSE-B:

1. Dr. A. Sharada , Professor & HOD, CSE
2. Dr. S. Vasundhara, Assistant Professor, H&M
3. Mrs. R. Pallavi Reddy, Assistant Professor, CSE
4. Mr. G. Nagababu, Assistant Professor, CSE
5. Mrs. T. Malalthi Latha, Assistant Professor, H&M
6. Dr. B.R. Lakshmi, Assistant Professor, H&M
7. Ms. Ashwini R Jeevan, Assistant Professor, H&M

III CSE-C:

1. Dr. Jayashree S Patil, Associate Professor, CSE
2. Dr. M. Aparna, Associate Professor, H&M
3. Dr. Hema Neelam, Associate Professor, H&M
4. Mrs. D. Naga Swetha , Assistant Professor, CSE
5. Mrs. K. Sreeveda, Assistant Professor, CSD
6. Mrs. Anupama Venugopal, Assistant Professor, H&M
7. Dr. Neeli Ramesh, Assistant Professor, H&M



Students (Committee members):

III CSE-A:

1. Manpreet Kaur - 21251A0550
2. S. Deekshitha - 21251A0560
3. D. Vaishnavi - 21251A0506
4. V. Amrutha Varshini – 22255A0507
5. R. Rukmini Manasa - 21251A0522
6. K. Brunda -21251A0544
7. Satya Radha. P- 21251A0561
8. K. Gayathri – 21251A0547

III CSE-B:

1. Y. Manogna - 21251A05C9
2. M. Ramyasri- 21251A05B8
3. C. Apoorva - 21251A05A2
4. A. Pranavi - 21251A0598
5. R. Deekshitha - 21251A05C2
6. Ch. Sowmya -22255A0514
7. G. Hari Chandana -21251A05A4
8. M. Sangeethika - 21255A05B2

III CSE-C:

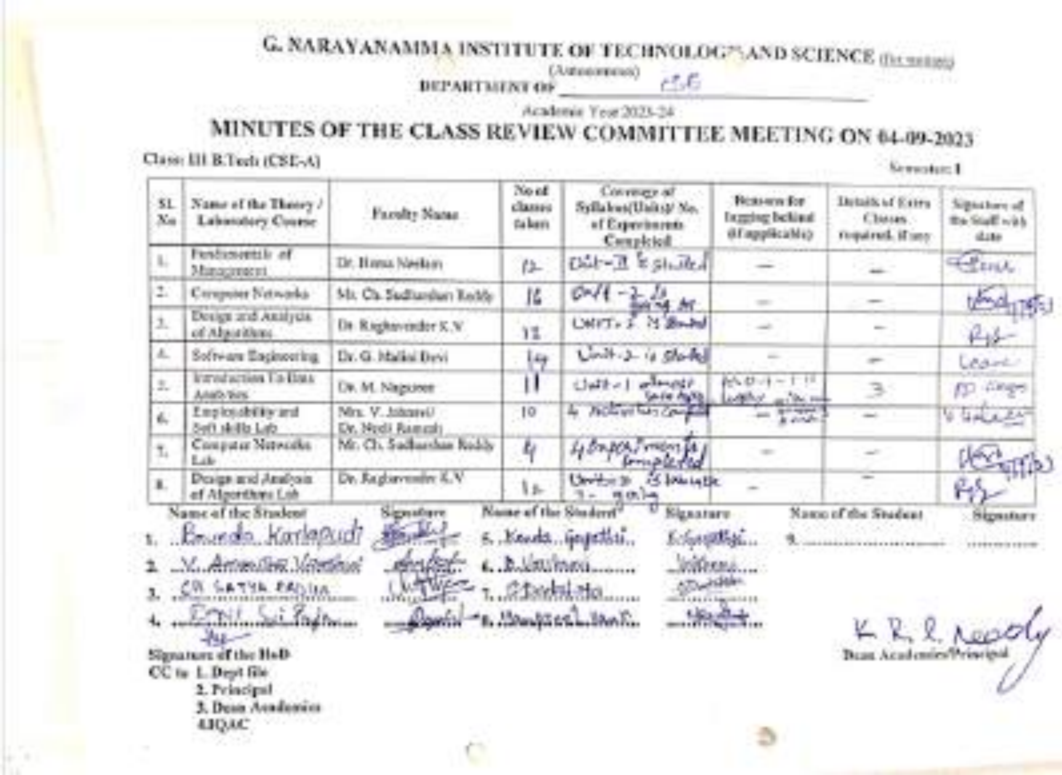
1. G. Sree Harshitha - 21251A05H3
2. V. Hema Chandrika - 21251A05K2
3. C. Vijaya Rishitha - 21251A05D4
4. S. Dedeepya - 21251A05J8
5. A. Pragna - 22255A0519
6. P. Radha Alekhya- 21E31A0575
7. B. Srilekha - 22255A0518
8. Spoorthy Reddy.M - 21251A05J6

HOD CSE

Figure 9.2.2 CRC Meeting Schedule

Procedure for Conduction of Class Review Committee Meetings(CRC):

1. Syllabus Coverage is Collected from all the faculty.
2. A Circular is forwarded to all the CRC members 3 days before the meeting informing the CRC Schedule.
3. On the day of meeting, all the CRC members attend the meet.
4. Dean Academics/Principal will convene the meeting.
5. The Minutes of the meeting are forwarded to the Dean Academics within 2 days after the meeting.
6. Based on the students' feedback from CRC meeting, corrective actions are taken by the HoD.For instance, If a particular faculty is lagging in syllabus coverage, then he/she is allotted extra classes to complete the required syllabus.



G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (for women)
(Autonomous)
DEPARTMENT OF CSE
Academic Year 2023-24

MINUTES OF THE CLASS REVIEW COMMITTEE MEETING ON 04-09-2023

Class: III B.Tech (CSE-A)
Semester: I

Sl. No	Name of the Theory / Laboratory Course	Faculty Name	No of classes taken	Coverage of Syllabus(Units)/ No. of Experiments Completed	Reasons for lagging behind (if applicable)	Details of Extra Classes required, if any	Signature of the Staff with date
1.	Fundamentals of Management	Dr. Hema Neelam	12	Unit-II is started	—	—	[illegible]
2.	Computer Networks	Mr. Ch. Sudharshan Reddy	16	Unit-2 is going on	—	—	[illegible]
3.	Design and Analysis of Algorithms	Dr. Raghavender K.V	12	UNIT-2 is started	—	—	[illegible]
4.	Software Engineering	Dr. G. Malini Devi	14	Unit-2 is started	—	—	Leave
5.	Introduction To Data Analytics	Dr. M. Nagarani	11	Unit-1 almost [illegible]	[illegible]	3	[illegible]
6.	Employability and Soft skills Lab	Mrs. V. Jahnavi Dr. Nidhi Ramesh	10	4 activities completed	[illegible]	—	[illegible]
7.	Computer Networks Lab	Mr. Ch. Sudharshan Reddy	4	4 experiments are completed	—	—	[illegible]
8.	Design and Analysis of Algorithms Lab	Dr. Raghavender K.V	12	Unit-3 is started 3 - going	—	—	[illegible]

Name of the Student	Signature	Name of the Student	Signature	Name of the Student	Signature
1. Brunda Karlapudi		5. Konda Gayathri	K. Gayathri	9.	
2. V. Amrutha Varshini		6. B. Vaishnavi	Vaishnavi		
3. CH SATYA PRIYA		7. [illegible]			
4. Erni Sai Pujitha		8. [illegible]			

Signature of the HoD

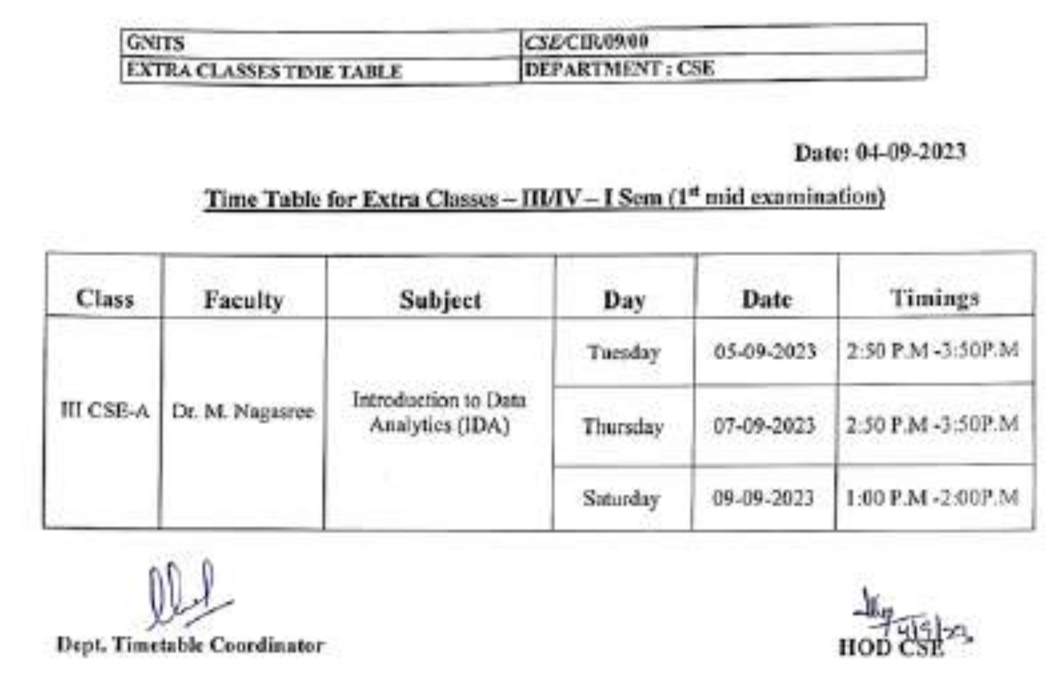
K. R. L. Reddy
Dean Academics/Principal

CC to 1. Dept file
2. Principal
3. Dean Academics
4.IQAC

Figure 9.2.3 Minutes of CRC Meeting

Corrective measures, if any:

- Head of the department directs the faculty members who are lagging in syllabus coverage to plan and schedule extra classes accordingly.



GNITS	CSE/CIR/09/00
EXTRA CLASSES TIME TABLE	DEPARTMENT : CSE

Date: 04-09-2023

Time Table for Extra Classes – III/IV – I Sem (1st mid examination)

Class	Faculty	Subject	Day	Date	Timings
III CSE-A	Dr. M. Nagasree	Introduction to Data Analytics (IDA)	Tuesday	05-09-2023	2:50 P.M -3:50P.M
			Thursday	07-09-2023	2:50 P.M -3:50P.M
			Saturday	09-09-2023	1:00 P.M -2:00P.M

Dept. Timetable Coordinator

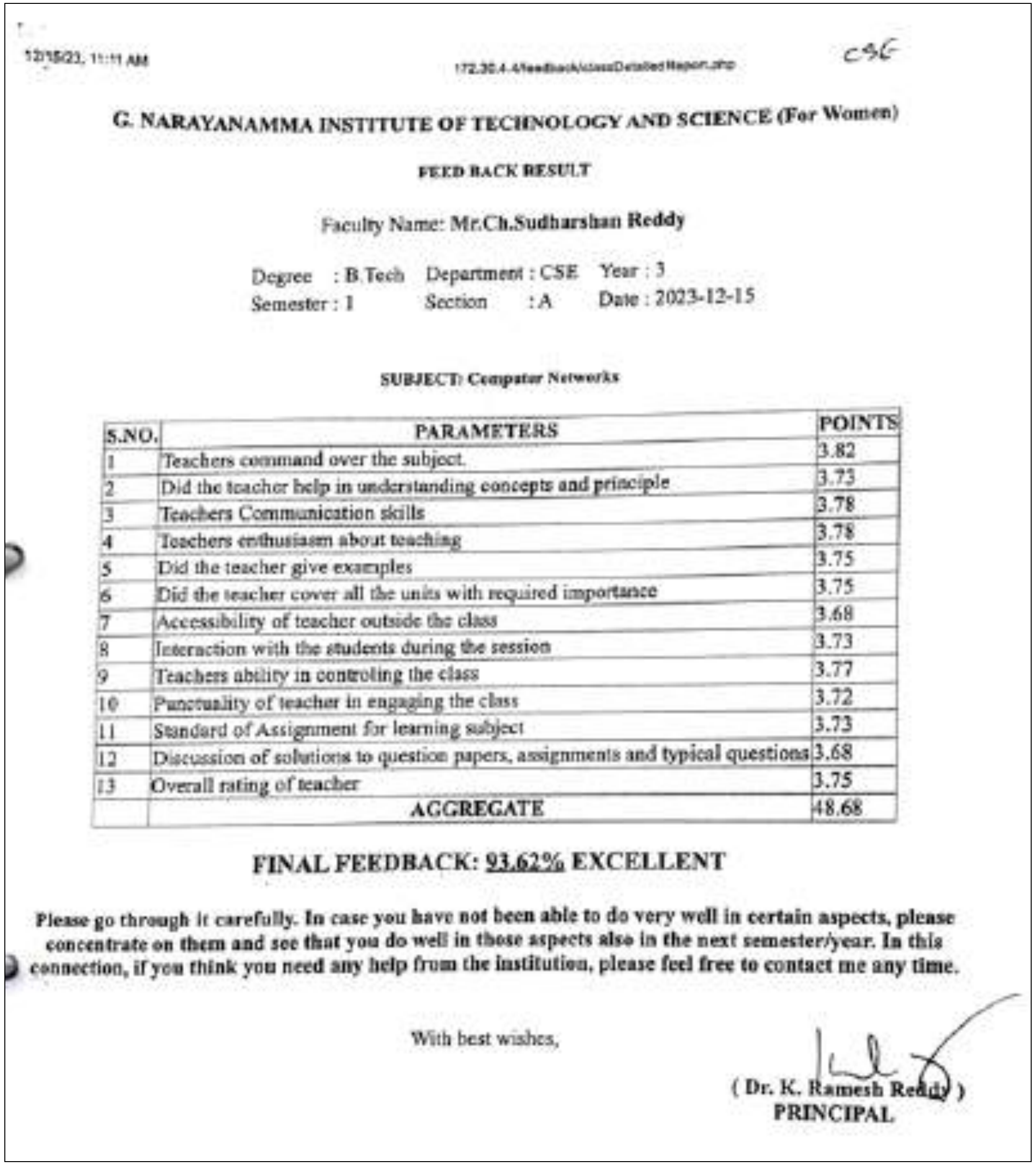
7/9/23
HOD CSE

Figure 9.2.4 Time Table for Extra Classes as Requested by Faculty to Complete Syllabus on Time

Online Feedback from Students:

Process of Online Feedback Collection and Analysis:

1. Students rate the Quality of teaching based on 13 parameters for each course.
2. Emphasis is on the quality of teaching, subject knowledge, content delivery, discipline and assessment.
3. The feedback system is automated and centrally collected by Dean Academics.
4. The students respond to the feedback form for each course from their student logins.
5. The feedback analysis is performed for all courses and communicated to the Head of the Institute and concerned HoD.



12/15/23, 11:11 AM 172.30.4.4/feedback/classDetailedReport.php CSE

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (For Women)

FEED BACK RESULT

Faculty Name: **Mr.Ch.Sudharshan Reddy**

Degree : B.Tech Department : CSE Year : 3
Semester : 1 Section : A Date : 2023-12-15

SUBJECT: Computer Networks

S.NO.	PARAMETERS	POINTS
1	Teachers command over the subject.	3.82
2	Did the teacher help in understanding concepts and principle	3.73
3	Teachers Communication skills	3.78
4	Teachers enthusiasm about teaching	3.78
5	Did the teacher give examples	3.75
6	Did the teacher cover all the units with required importance	3.75
7	Accessibility of teacher outside the class	3.68
8	Interaction with the students during the session	3.73
9	Teachers ability in controling the class	3.77
10	Punctuality of teacher in engaging the class	3.72
11	Standard of Assignment for learning subject	3.73
12	Discussion of solutions to question papers, assignments and typical questions	3.68
13	Overall rating of teacher	3.75
	AGGREGATE	48.68

FINAL FEEDBACK: 93.62% EXCELLENT

Please go through it carefully. In case you have not been able to do very well in certain aspects, please concentrate on them and see that you do well in those aspects also in the next semester/year. In this connection, if you think you need any help from the institution, please feel free to contact me any time.

With best wishes,

(Dr. K. Ramesh Reddy)
PRINCIPAL

Figure 9.2.5 Sample Online Feedback Form

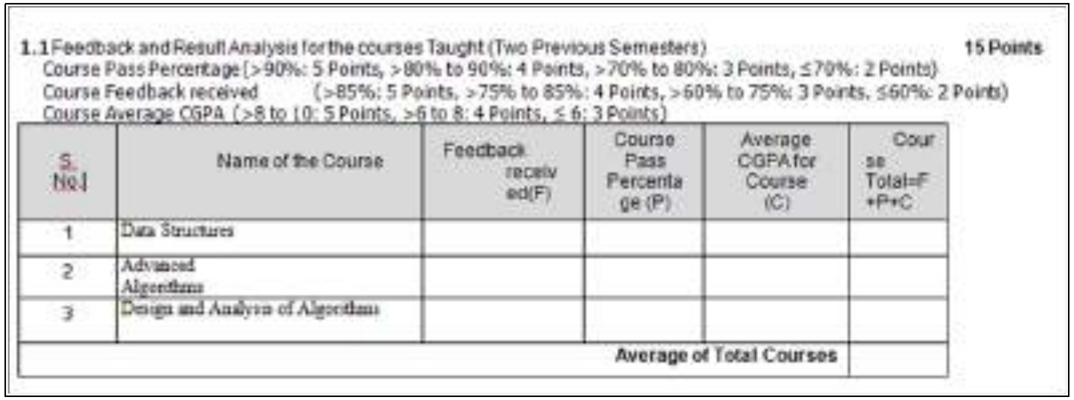
Basis of Reward: Feedback is considered as one of the Assessment Criteria for Faculty Appraisal (15 Marks out of 100 Marks) as well as Promotion (25 Marks out of 100 Marks).

Feedback and Result Analysis for the courses Taught (Two Previous Semesters)

Course Pass Percentage (>90%: 5 Points, >80% to 90%: 4 Points, >70% to 80%: 3 Points, ≤70%: 2 Points)

Course Feedback received (>85%: 5 Points, >75% to 85%: 4 Points, >60% to 75%: 3 Points, ≤60%: 2 Points)

Course Average CGPA (>8 to 10: 5 Points, >6 to 8: 4 Points, ≤ 6: 3 Points)



1.1 Feedback and Result Analysis for the courses Taught (Two Previous Semesters) **15 Points**

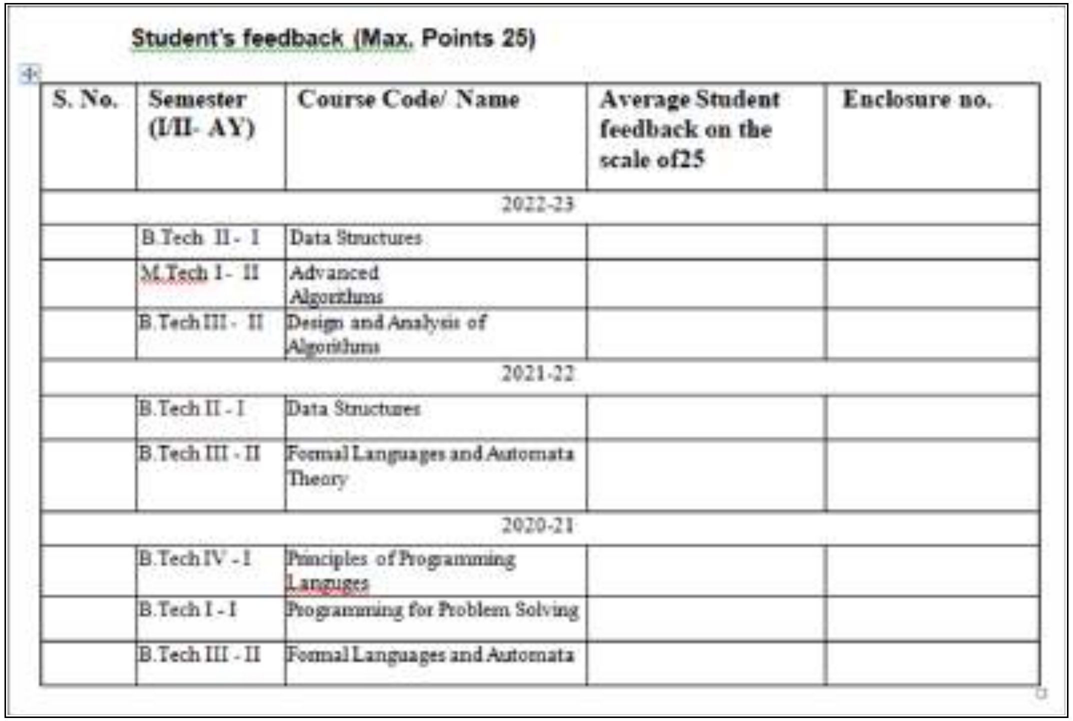
Course Pass Percentage (>90%: 5 Points, >80% to 90%: 4 Points, >70% to 80%: 3 Points, ≤70%: 2 Points)

Course Feedback received (>85%: 5 Points, >75% to 85%: 4 Points, >60% to 75%: 3 Points, ≤60%: 2 Points)

Course Average CGPA (>8 to 10: 5 Points, >6 to 8: 4 Points, ≤ 6: 3 Points)

S. No.	Name of the Course	Feedback received(F)	Course Pass Percentage (P)	Average CGPA for Course (C)	Course Total=F+P+C
1	Data Structures				
2	Advanced Algorithms				
3	Design and Analysis of Algorithms				
				Average of Total Courses	

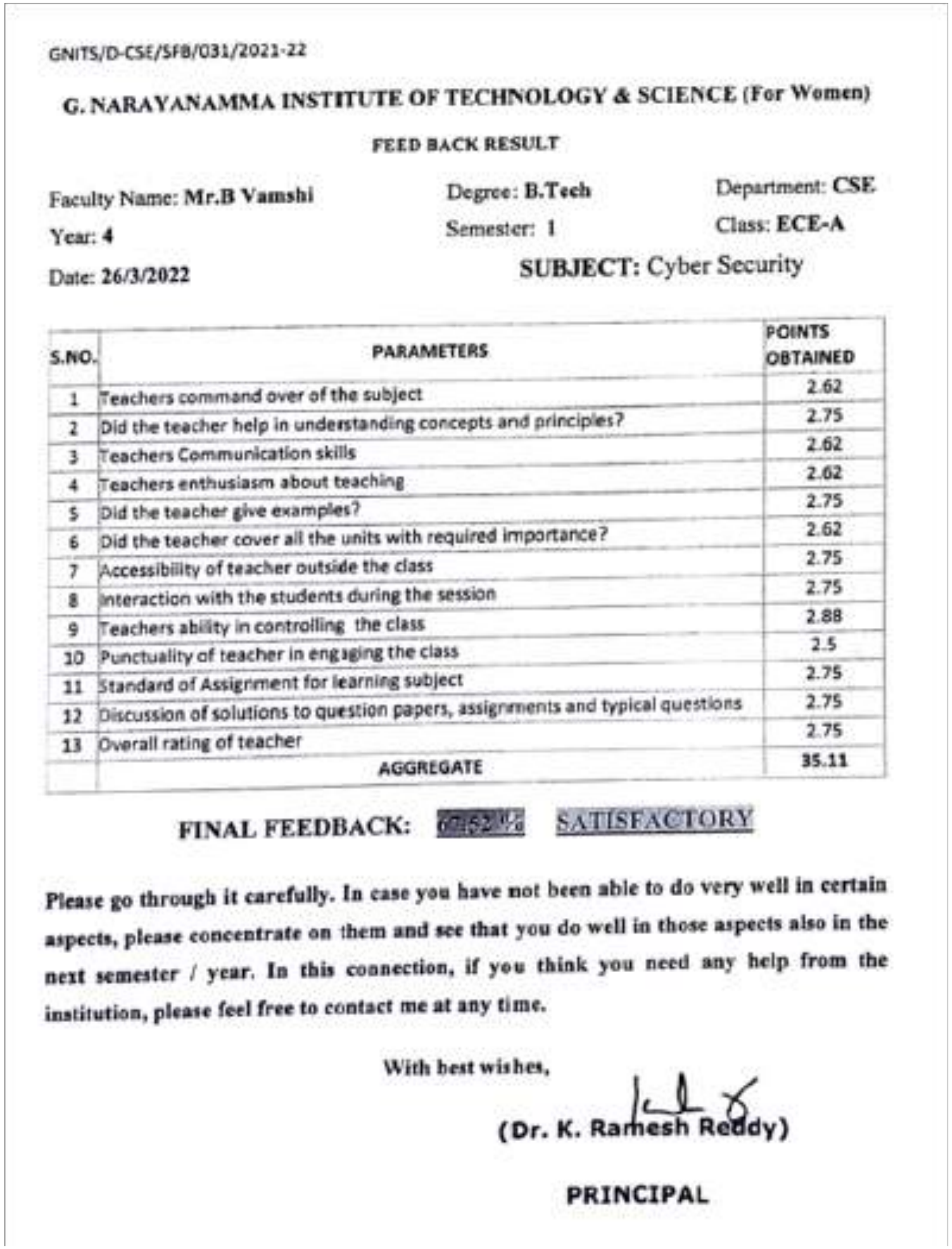
Figure 9.2.6. Part of the Faculty Appraisal Application Form Showing the Awarding of 15 Marks for Online Feedback from Students Student's feedback (Max. Points 25)



Student's feedback (Max. Points 25)

S. No.	Semester (I/II- AY)	Course Code/ Name	Average Student feedback on the scale of25	Enclosure no.
		2022-23		
	B.Tech II - I	Data Structures		
	M.Tech I - II	Advanced Algorithms		
	B.Tech III - II	Design and Analysis of Algorithms		
		2021-22		
	B.Tech II - I	Data Structures		
	B.Tech III - II	Formal Languages and Automata Theory		
		2020-21		
	B.Tech IV - I	Principles of Programming Languges		
	B.Tech I - I	Programming for Problem Solving		
	B.Tech III - II	Formal Languages and Automata		

Figure 9.2.7. Part of the Faculty Promotion Application Form Showing the Awarding of 25 Marks for Online Feedback from Students



GNITS/D-CSE/SFB/031/2021-22

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)

FEED BACK RESULT

Faculty Name: **Mr.B Vamshi** Degree: **B.Tech** Department: **CSE**

Year: **4** Semester: **1** Class: **ECE-A**

Date: **26/3/2022** **SUBJECT:** Cyber Security

S.NO.	PARAMETERS	POINTS OBTAINED
1	Teachers command over of the subject	2.62
2	Did the teacher help in understanding concepts and principles?	2.75
3	Teachers Communication skills	2.62
4	Teachers enthusiasm about teaching	2.62
5	Did the teacher give examples?	2.75
6	Did the teacher cover all the units with required importance?	2.62
7	Accessibility of teacher outside the class	2.75
8	Interaction with the students during the session	2.75
9	Teachers ability in controlling the class	2.88
10	Punctuality of teacher in engaging the class	2.5
11	Standard of Assignment for learning subject	2.75
12	Discussion of solutions to question papers, assignments and typical questions	2.75
13	Overall rating of teacher	2.75
	AGGREGATE	35.11

FINAL FEEDBACK: 67.52% SATISFACTORY

Please go through it carefully. In case you have not been able to do very well in certain aspects, please concentrate on them and see that you do well in those aspects also in the next semester / year. In this connection, if you think you need any help from the institution, please feel free to contact me at any time.

With best wishes,

(Dr. K. Ramesh Reddy)

PRINCIPAL

Figure 9.2.8. Feedback Form with “Satisfactory” Result

Corrective measures:

- The feedback given by the students is used to assess the performance of the faculty. The faculty who scores less than 60% are advised to improve upon specific areas like usage of blackboard, class control, effective teaching aids etc.
- Regular training programs related to Teaching & Learning Strategies for Engineering Education, seminars by Deans and professors are organized every year to train the faculty in teaching methodologies and teaching- learning processes.
- The faculty members are encouraged to attend various faculty development programs (FDP) / seminars / workshops to upgrade their skills.
- The faculty is advised to meet the module coordinator of the concerned subject to gain in-depth knowledge.
- If needed explanation from the faculty will be demanded for any inappropriate result and subsequent action will be taken for improvement of the faculty.
- Head of the department counsels the faculty members who scores less than 70% and further advised to improve accordingly.

Indices used for measuring quality of teaching & learning and summary of the index value:

Feedback Indices

1. Teacher’s command over of the subject

2. Did the teacher help in understanding concepts and principles?

3. Teacher’s communication skills

4. Teacher’s enthusiasm about teaching

5. Did the Teacher give examples?

6. Did the Teacher cover all the units with required importance?

7. Accessibility of the Teacher outside the class

8. Interaction with the students during the session

9. Teacher’s ability in controlling the class

10. Punctuality of Teacher in engaging the class

11. Standard of Assignment for learning subject

12. Discussion of solution to question papers assignments and typical questions

13. Overall rating of the teacher

For each Index, the Faculty are rated from 1 to 4

Feedback is Analysed by generating Percentage as follows:

FeedBack Calculation:

MaximumScore = 13*4 = 52 (13 Indices and 4 is maximum score for each criterion.)

$$\text{Feedback \%} = \frac{\text{Total Score Obtained by a Faculty}}{\text{Maximum Score}} \times 100$$

Table 9.2.1 Feed back index values for all courses/ Faculty Members

Feedback %	Verdict
>85%	Excellent
76% to 85%	Good
61% to 75%	Satisfactory
<60%	Needs to Improve

Faculty Feedback Summary for last 3 Academic Years and 1st semester of AY 2023-24

Table 9.2.2 Summary of faculty feedback

A.Y	2023-24	2022-23	2021-22	2020-21
Excellent	27	27	16	15
Good	20	27	34	37
Satisfactory	11	3	13	14
Needs to Improve	1	0	0	0

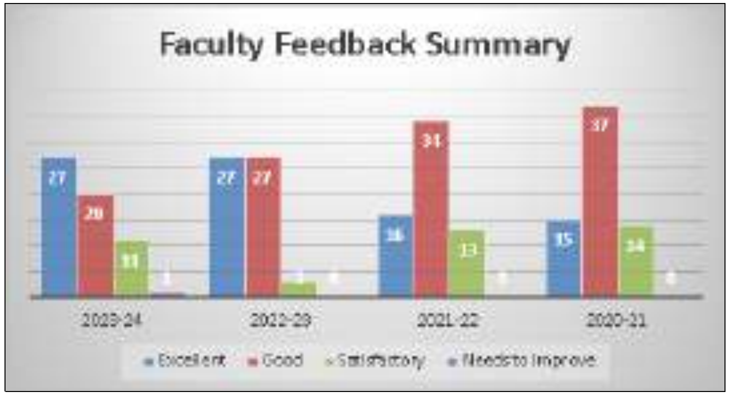


Fig. 9.2.9. Feedback summary for last 3 academic years and 1st semester of 2023-24 AY

The above figure depicts the summary of the feedback given by the students on faculty for the past 3 academic years and 1st semester of 2023-24 academic year.

9.3 Feedback on facilities (5) Total Marks 5.00

Institute Marks : 5.00

Feedback on Facilities from outgoing students

Analysis of Feedback from outgoing students of 2019-2023 Batch:

Feedback on facilities serves as a crucial tool for continuous improvement and quality assurance which is collected from all the outgoing students every year at the end of their final semester It allows students to express their opinions and experiences regarding various aspects of the institutions infrastructure and amenities.

This feedback typically covers a range of facilities including:

Faculty: Assessing the competence, availability, and approachability of teaching staff.

Laboratories: Evaluating the adequacy of equipment, cleanliness, and overall functionality of laboratory spaces.

Environment: Commenting on the overall ambiance, cleanliness, and maintenance of the campus.

Library: Providing feedback on the collection of resources, accessibility, and comfort of library facilities.

Canteen: Assessing the quality, variety, and hygiene standards of food services.

Internet Facilities: Reviewing the reliability, speed, and coverage of internet connectivity.

Sports & Games: Evaluating the availability and condition of sports facilities and equipment.

Discipline: Providing feedback on the enforcement of rules and regulations, as well as the overall disciplinary atmosphere.

Training & Placement: Assessing the effectiveness of career guidance, placement services, and industry interactions.

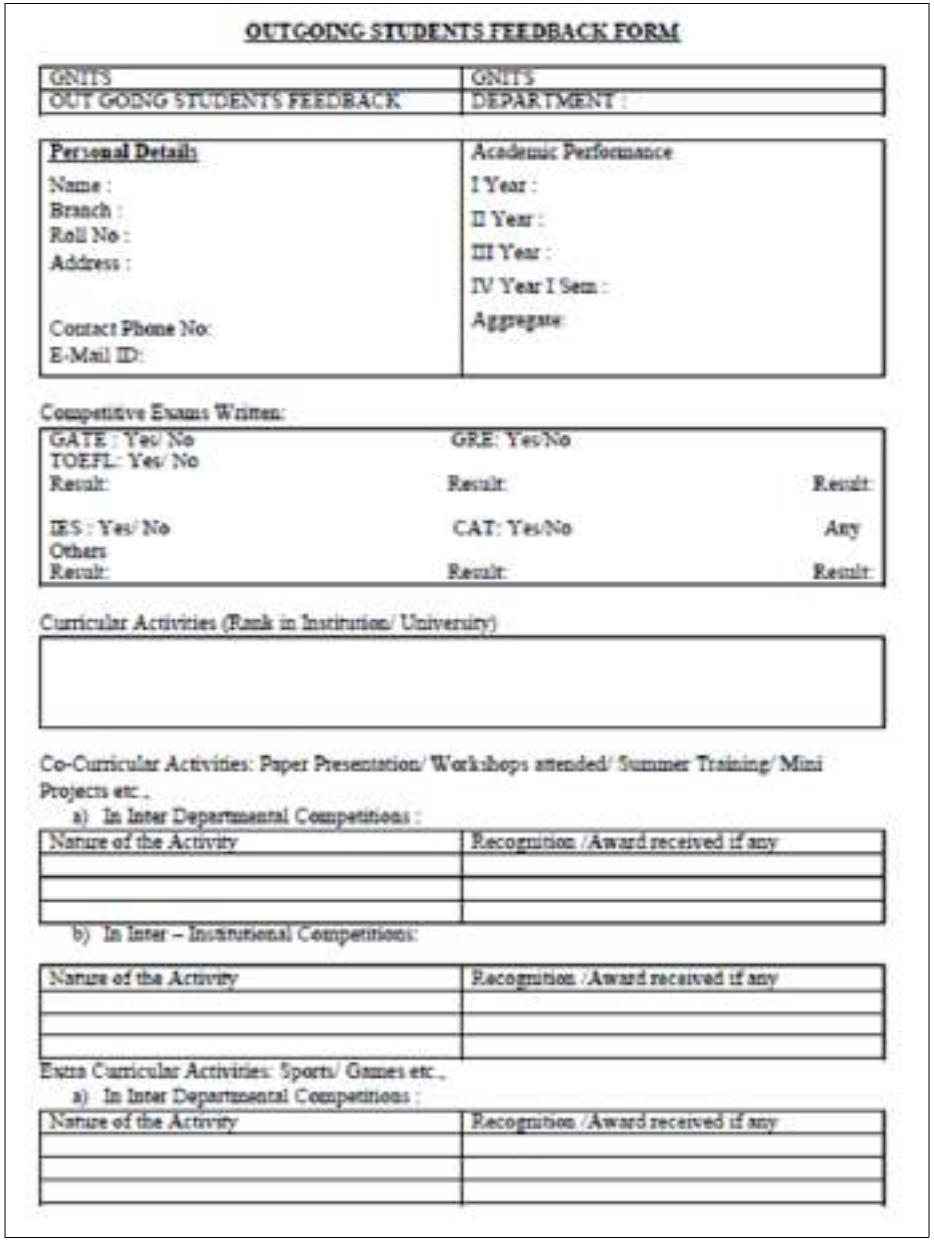
Office and Exam Branch: Evaluating the efficiency and responsiveness of administrative services related to academic matters and examinations.

A standard format for Outgoing Student Feedback is illustrated in Figures 9.3.1 & 9.3.2.

Students rate various aspects using a five-point scale:

- Excellent
- Very Good
- Good
- Average
- Needs Improvement.

After collecting feedback, analysis is conducted based on the grades provided by the students. If corrective measures are necessary, they are brought to the attention of the Head of the Institution for appropriate action.



OUTGOING STUDENTS FEEDBACK FORM

GNITS	GNITS
OUT GOING STUDENTS FEEDBACK	DEPARTMENT :

Personal Details	Academic Performance
Name :	I Year :
Branch :	II Year :
Roll No :	III Year :
Address :	IV Year I Sem :
Contact Phone No:	Aggregate:
E-Mail ID:	

Competitive Exams Written:

GATE : Yes/ No GRE: Yes/No
TOEFL: Yes/ No
Result: Result: Result:

IES : Yes/ No CAT: Yes/No Any
Others
Result: Result: Result:

Curricular Activities (Rank in Institution/ University)

Co-Curricular Activities: Paper Presentation/ Workshops attended/ Summer Training/ Mini Projects etc.,

a) In Inter Departmental Competitions :

Nature of the Activity	Recognition /Award received if any

b) In Inter – Institutional Competitions:

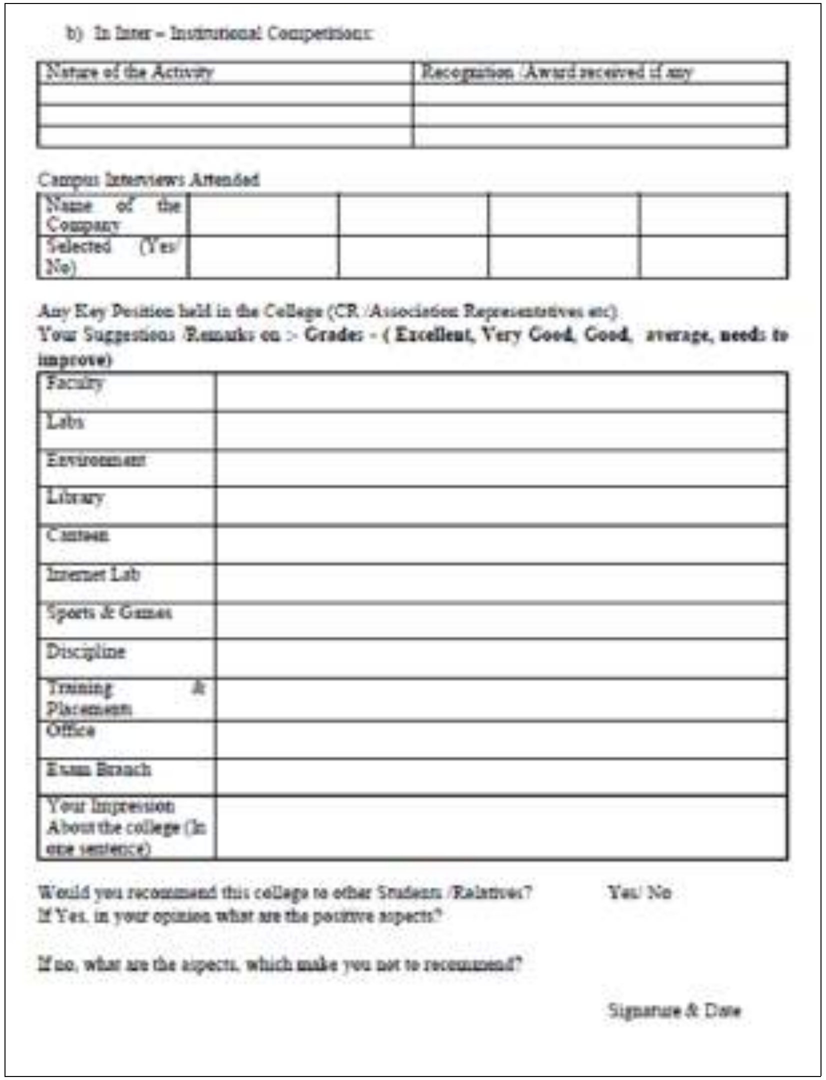
Nature of the Activity	Recognition /Award received if any

Extra Curricular Activities: Sports/ Games etc.,

a) In Inter Departmental Competitions :

Nature of the Activity	Recognition /Award received if any

Figure 9.3.1. Outgoing Student Feedback form Page 1



b) In Inter – Institutional Competitions:

Nature of the Activity	Recognition /Award received if any

Campus Interviews Attended

Name of the Company				
Selected (Yes/ No)				

Any Key Position held in the College (CR /Association Representatives etc)

Your Suggestions /Remarks on :- Grades - (Excellent, Very Good, Good, average, needs to improve)

Faculty	
Labs	
Environment	
Library	
Canteen	
Internet Lab	
Sports & Games	
Discipline	
Training & Placements	
Office	
Exam Branch	
Your Impression About the college (In one sentence)	

Would you recommend this college to other Students /Relatives? Yes/ No

If Yes, in your opinion what are the positive aspects?

If no, what are the aspects, which make you not to recommend?

Signature & Date

Figure 9.3.2. Outgoing Student Feedback form Page 2

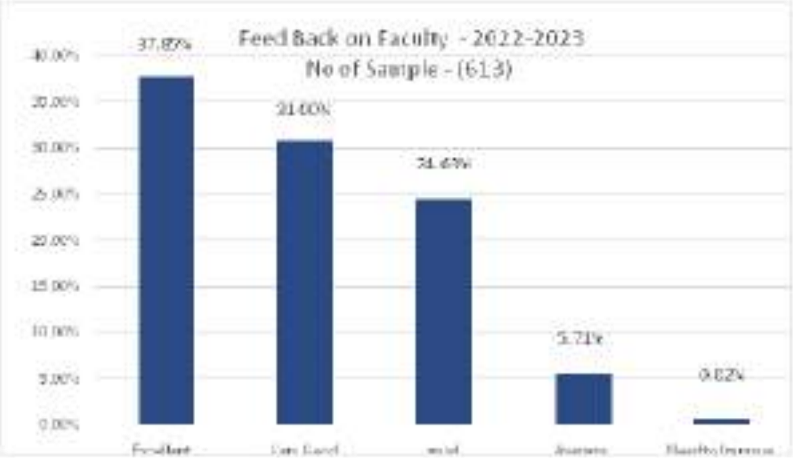


Fig.9.3.3. Summary of Feedback on Faculty for 2022-2023

Summary of Feedback on Faculty

Fig. 9.3.3 shows the analysis of Feedback on Faculty.

It was observed that:

· 93.47% students are very much satisfied with the faculty and their competency available in the Institution.

· Only 6.53% of students expressed dissatisfaction on this aspect.

Since the overall feedback was very much satisfactory, no actions were contemplated.

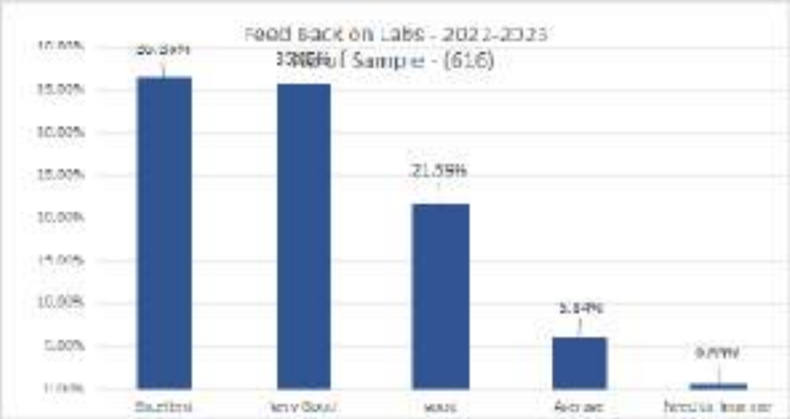


Fig.9.3.4. Summary of Feedback on Labs 2022-2023

Summary of feedback on Labs

Fig.9.3.4 Provides the Feedback on Labs.

It was observed that :

- · 93.51%students are very much satisfied with the labs that are available in the Institution.
- · Only 6.49%of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students are very less no action was needed.

However, as a matter of policy plus as a corrective measure in response to the suggestions given by the some of the students, the Institution has been reviewing the quality and quantity of equipment present in different labs from time to time and appropriate replacements/enhancements were affected as and when needed.

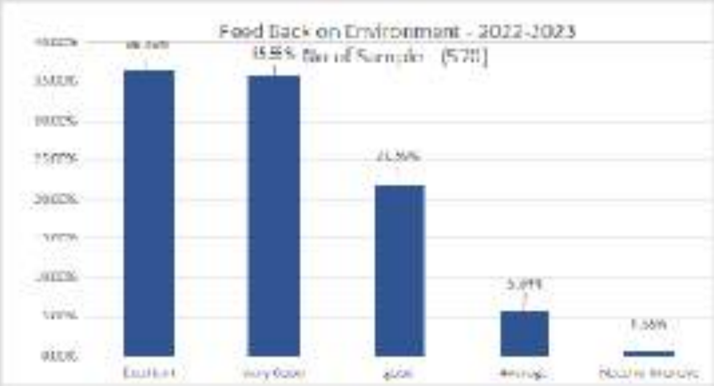


Fig.9.3.5. Summary of Feedback on Environment

Summary of feedback on Environment

Fig.9.3.5 represents the Feedback on Environment.

It was observed that:

- · 97.02%students are happy with the overall environment prevailing in the Institution.
- · Only 2.98% students expressed the need for improvement.

Since the percentage of dissatisfied students is very less no concrete action was contemplated.

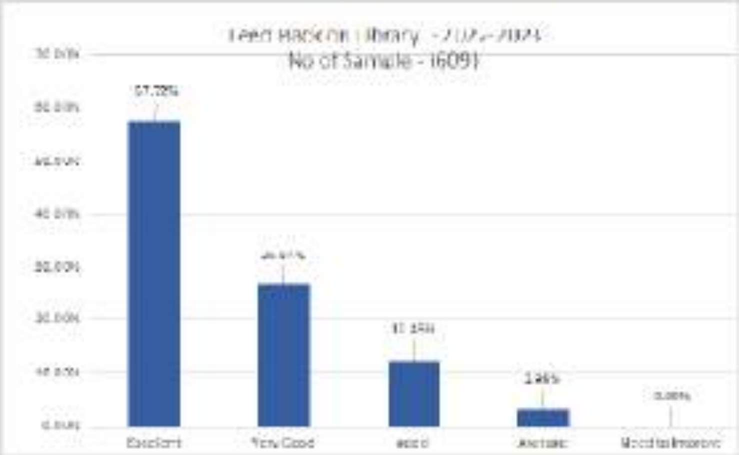


Figure 9.3.6 Summary of Feedback on Library 2022-2023

Summary of feedback on Library

Figure 9.3.6 provides the students Feedback on Library.

It was observed that :

- 93.10%students satisfied with the facilities and books that are available in the College Library.
- Only 6.90% of students expressed dissatisfaction through their suggestions.

The suggestions along with actions taken are given below:

1. **More issue copies of text books should be added**

Corrective action: Number of volumes were increased considerably

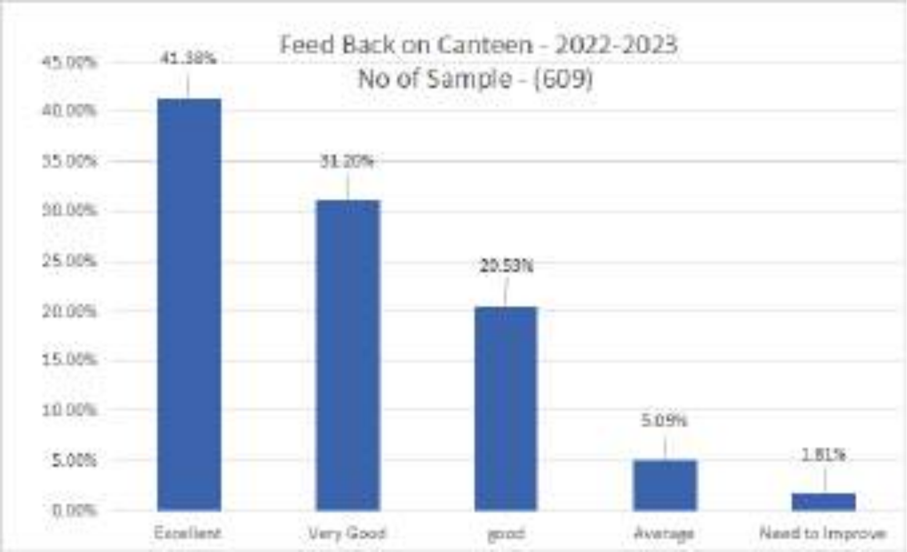


Fig. 9.3.7. Summary of Feedback on Canteen in 2022-2023

Summary of feedback on Canteen

Fig.9.3.7 depicts student feedback on Canteen.

It is observed that:

· 76.68% students are satisfied with the Canteen facilities.

· 23.32% of students expressed dissatisfaction on the quality/variedness of the food and hygiene conditions.

Some of the views expressed by some of the students are:

1. More varieties & healthy food items should be included in the menu.
2. Maintenance & hygiene have to be increased.

Consequent to these observations few actions were taken. They are:

1. Quality of food and Variedness – More varieties of food items were introduced in the menu while ensuring that the quality was not compromised.
2. Maintenance & Hygiene – As a part of efforts in the direction of improving Maintenance & Hygiene, the Canteen Committee was strengthened by increasing the faculty members so that frequent monitoring can take place. In addition, the seating capacity was further enhanced by providing more benches in and around the canteen.

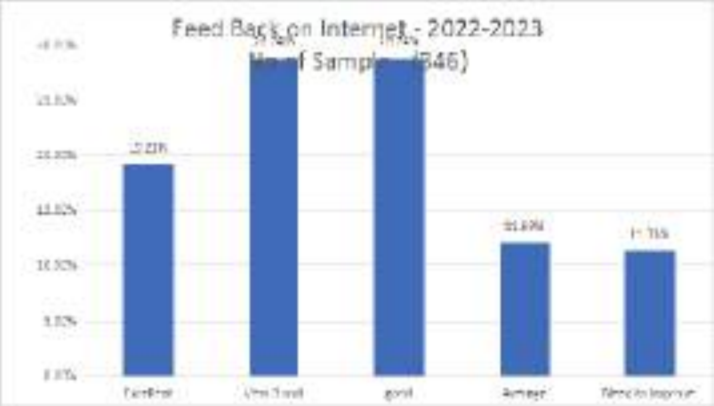


Fig. 9.3.8. Summary of Feedback on Internet Facility

Summary of feedback on Internet Facility:

Figure 9.3.8 presents the students feedback on internet facility.

It was observed that:

· 96.24% students are very much satisfied with the internet facility provided by the Institution.

· Only 3.76% of students expressed their unhappiness on this aspect.

However, as a matter of policy the speed of the internet was constantly upgraded over the years. **Presently it is 1000 Mbps**.

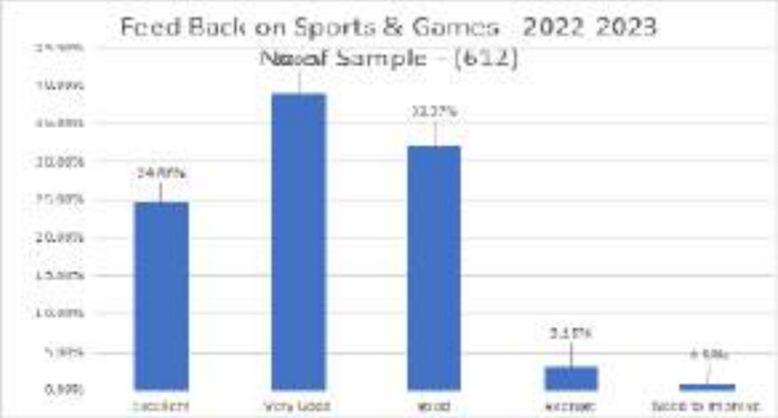


Fig.9.3.9. Summary of Feedback on Sports and Games

Figure 9.3.9 shows the students feedback on sports and games.

It was observed that :

· 93.79% students are very much satisfied with the Sports & Games department available in the Institution.

· Only 6.21% of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students is very less no action was needed.

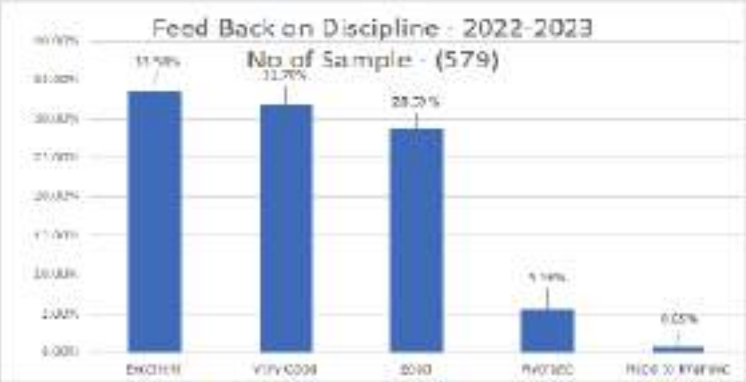


Fig.9.3.10 Summary of Feedback on Disciplinary Aspects

Summary of feedback on Disciplinary aspects:

Fig.9.3.10 presents feedback on discipline.

It was observed that:

· 96.20%students are very much satisfied with the Disciplinary aspects that are in force in the Institution since beginning.

· 3.80% of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students are very less no further action was needed.

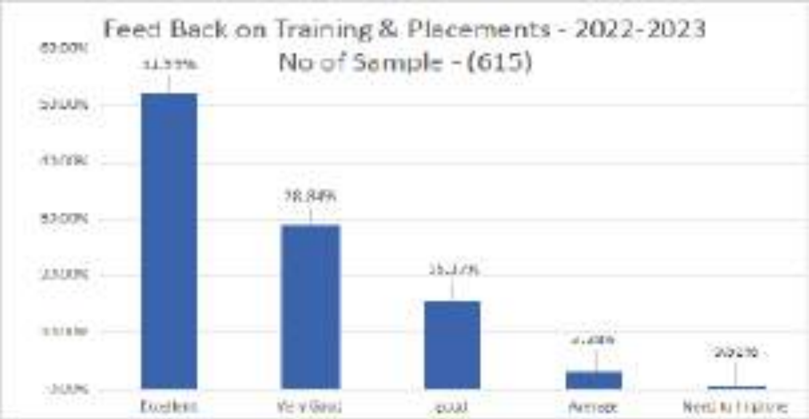


Fig.9.3.11. Summary of Feedback on Training and Placement

Summary of feedback on Training & Placement:

Fig.9.3.11 shows outgoing student feedback on Training and Placement.

It was observed that:

· 95.12% students are very much satisfied with the Training & Placements in the Institution.

· 4.88% of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students is very less no action was needed. However, as a matter of policy regular placement trainings were imparted to all the students of 2nd year and 3rd year.

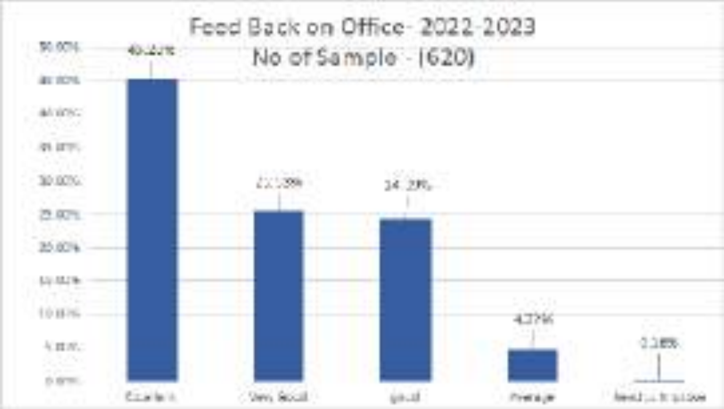


Fig.9.3.12 Summary of Outgoing Students' Feedback on Office

Summary of feedback on Office:

Fig.9.3.12 shows outgoing student's feedback on Office.

It was observed that :

- 92.58% students are very much satisfied with the Office in the Institution.
- 7.42% of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students are very less no action was needed.

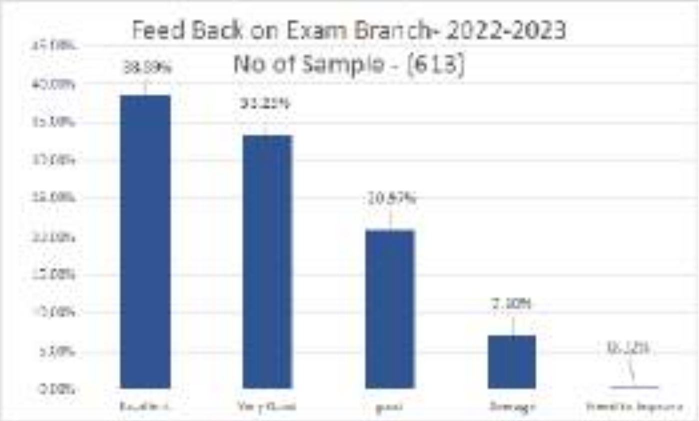


Fig.9.3.13. Summary of Feedback on Exam Branch

Summary of feedback on Exam branch:

Fig.9.3.13 depicts the Feedback on Exam Branch.

It is observed that:

- 96.74% students are very much satisfied with the Exam branch in the Institution.
- 3.26% of students expressed dissatisfaction on this aspect.

Since the number of dissatisfied students are very less no action was needed.

Following Table 9.3.1 illustrates the improvement in the various facilities in the Institution from previous assessment period to current assessment period:

Table 9.3.1. Improvement in various Facilities from 2020 to 2024

S.No.	Infrastructure / Facility	Previous Assessment period	Current Assessment Period
1	Faculty	Faculty with Ph.D. = 44	Faculty with Ph.D. = 76
2	Internet -Wi-Fi	500 Mbps	1000 Mbps
3	Wi-Fi Access Ports	32	115
4	Projectors	70	92
5	Smart Boards	5	17
6	No of Labs	57	63
7	Training & Placement	1. Training was imparted to only 3rd year students 2. % placements = 62.39% 3. Average No of companies = 52 4. Highest package = 27 lacs/annum 5. Average package = 5.13 lacs/ annum	1. Training was imparted to both 2nd & 3rd year students. Java advanced & web technologies were introduced to 2nd year students. 2. % placements = 76.6% 3. Average No of companies = 78 4. Highest package = 46.5 lacs/annum 5. Average package = 7.04 lacs/annum
8	Library	Titles: 9254 Volumes: 43116 Print Journals: 113 e-journals IEEE (ASP APCK) DELNET Fine collection process: Slow	Titles: **9687** Volumes: **45203** Print Journals:**115** e-Journals IEEE (ASP pack), IEEE (All POPs), DELNET, J- GATE, Knimbus Remote access, Turnitin Plagiarism Check. Fine collection process: Fast (Provision of QR code)

9	Canteen	1. Hygiene – good but inadequate. 2. Food: Limited varieties 3. Seating Capacity: Limited due to shortage of space	1. Hygiene & Maintenance– As a part of efforts in the direction of improving Maintenance & Hygiene, the Canteen Committee was strengthened by increasing the faculty members so that frequent monitoring can take place. 2. Quality of food and Variedness – More varieties of food items were introduced in the menu while ensuring that the quality was not compromised 3. In addition, the seating capacity was further enhanced by providing more benches in and around the canteen.

Feedback on Facilities - CSE Department Summary Reports

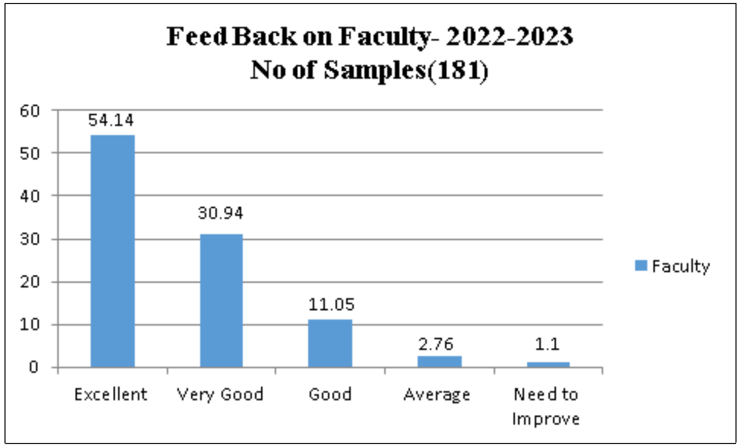


Figure 9.3.14. Summary of Feedback on Faculty for 2022-2023

Summary of Feedback on Faculty

Figure 9.3.14 shows the analysis of Feedback on Faculty.

It was observed that:

- 96.14 % students are very much satisfied with the faculty and their competency available in the Institution.
- Only 3.86 % of students expressed dissatisfaction on this aspect.

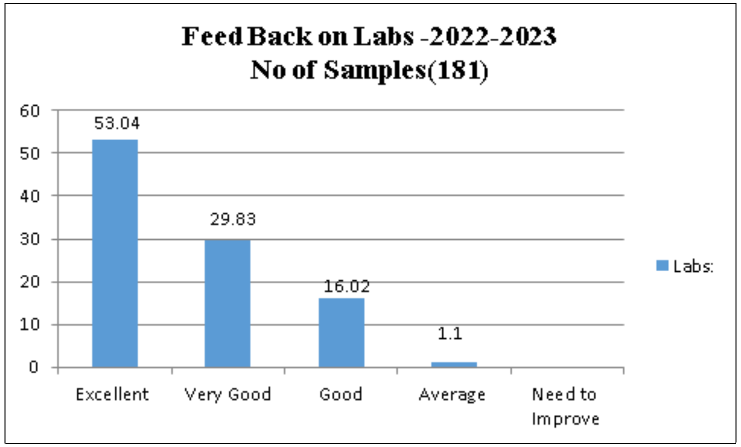


Figure 9.3.15. Summary of Feedback on Labs 2022-2023

Summary of feedback on Labs

Fig.9.3.15 Provides the Feedback on Labs.

It was observed that :

- 98.1% students are very much satisfied with the labs that are available in the Institution.
- Only 1.1 % of students expressed dissatisfaction on this aspect.

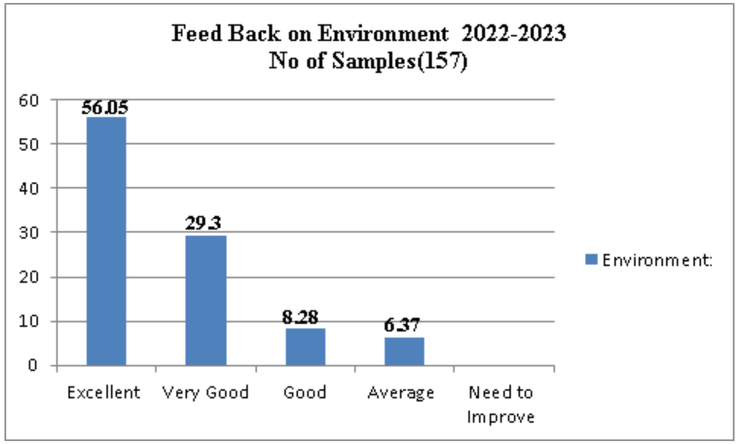


Figure 9.3.16. Summary of Feedback on Environment

Summary of feedback on Environment

Figure 9.3.16 represents the Feedback on Environment.

It was observed that:

- 93.63 % students are happy with the overall environment prevailing in the Institution.
- 6.37% students expressed the need for improvement.

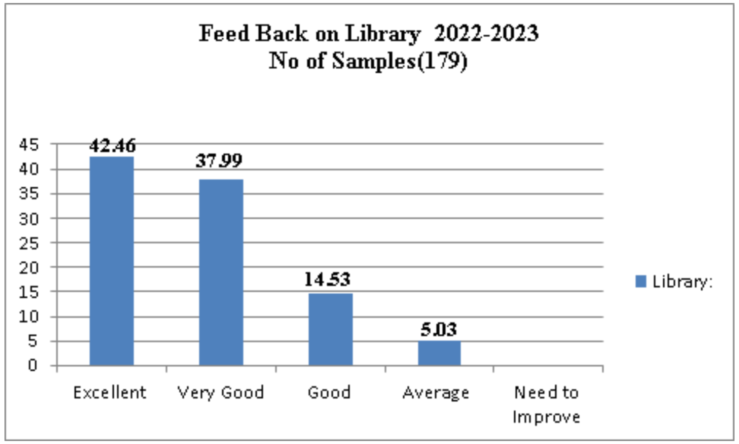


Figure 9.3.17Summary of Feedback on Library 2022-2023

Summary of feedback on Library

Figure 9.3.17 6 provides the students Feedback on Library.

It was observed that :

- 94.97 %students satisfied with the facilities and books that are available in the College Library.

- Only 5.03 % of students expressed dissatisfaction through their suggestions.

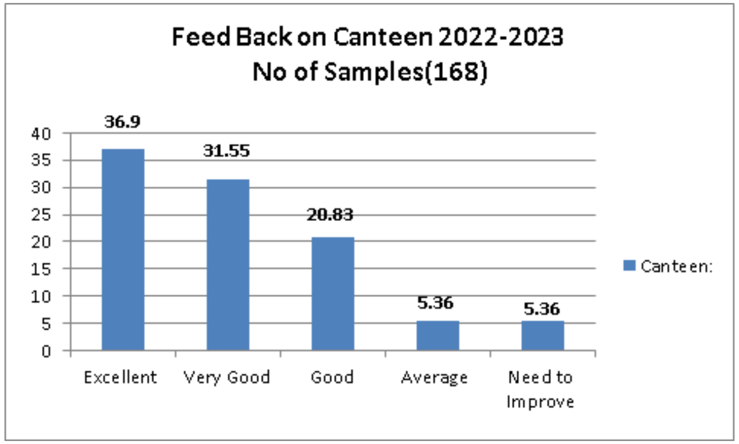


Figure 9.3.18. Summary of Feedback on Canteen in 2022-2023

Summary of feedback on Canteen

Figure 9.3.18 depicts student feedback on Canteen.

It is observed that:

- 89.28 % students are satisfied with the Canteen facilities.
- 10.72 % of students expressed dissatisfaction on the quality/variedness of the food and hygiene conditions.

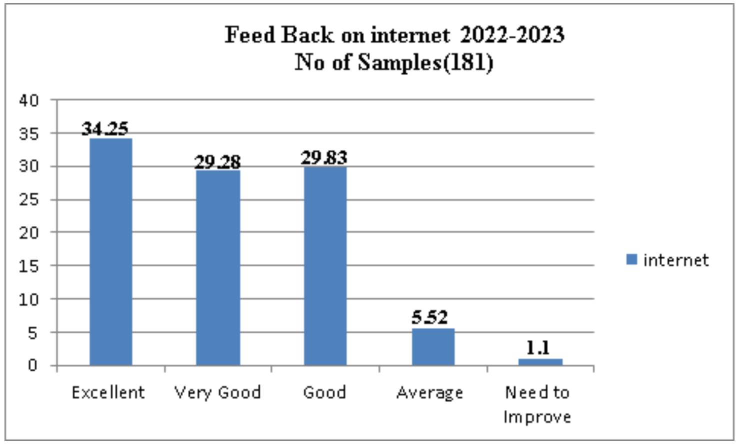


Figure 9.3.19. Summary of Feedback on Internet Facility

Summary of feedback on Internet Facility:

Figure 9.3.19 presents the students feedback on internet facility.

It was observed that:

- 93.38 % students are very much satisfied with the internet facility provided by the Institution.
- Only 6.62 % of students expressed their unhappiness on this aspect.

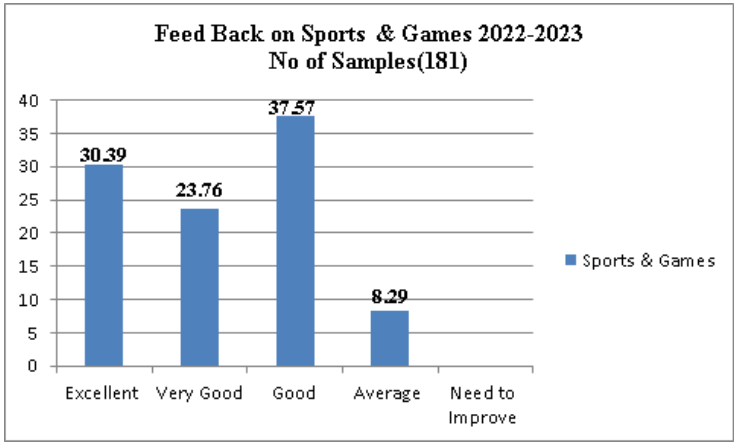


Figure 9.3.20. Summary of Feedback on Sports and Games

Summary of feedback on Internet Facility:

Figure 9.3.20 shows the students feedback on sports and games.

It was observed that :

- 91.71% students are very much satisfied with the Sports & Games department available in the Institution.
- Only 8.29 % of students expressed dissatisfaction on this aspect.

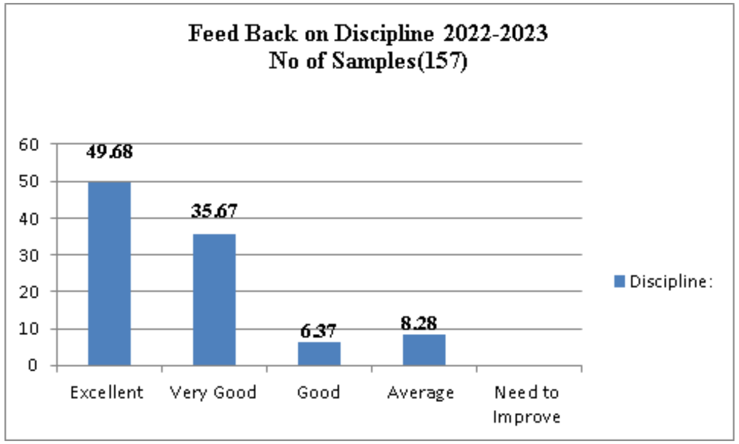


Figure 9.3.21 Summary of Feedback on Disciplinary Aspects

Summary of feedback on Disciplinary aspects:

Figure 9.3.21 presents feedback on discipline.

It was observed that:

- 91.72 %students are very much satisfied with the Disciplinary aspects that are in force in the Institution since beginning.
- 8.28 % of students expressed dissatisfaction on this aspect.

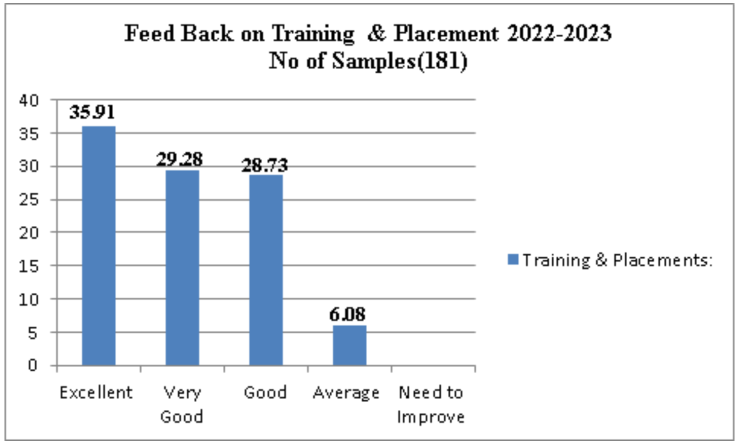


Figure 9.3.22. Summary of Feedback on Training and Placement

Summary of feedback on Training & Placement:

Figure 9.3.22 shows outgoing student feedback on Training and Placement.

It was observed that:

- 93.92 % students are very much satisfied with the Training & Placements in the Institution.

- 6.08 % of students expressed dissatisfaction on this aspect.

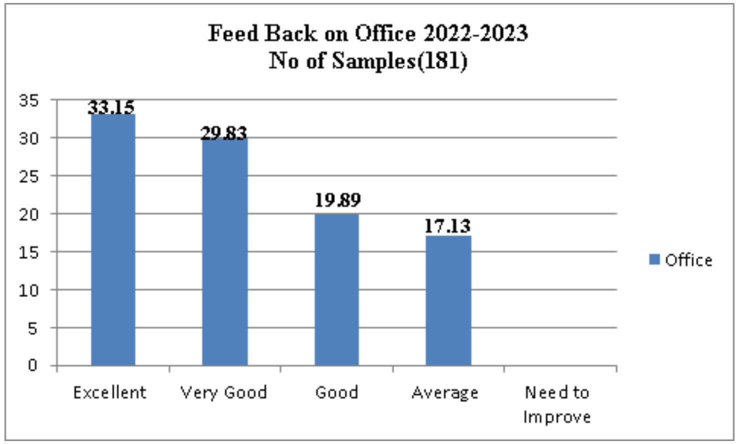


Figure 9.3.23 Summary of Outgoing Students' Feedback on Office

Summary of feedback on Office:

Summary of feedback on Office

Fig.9.3.23 shows outgoing student's feedback on Office.

It was observed that :

- 82.87 % students are very much satisfied with the Office in the Institution.
- 17.13 % of students expressed dissatisfaction on this aspect.

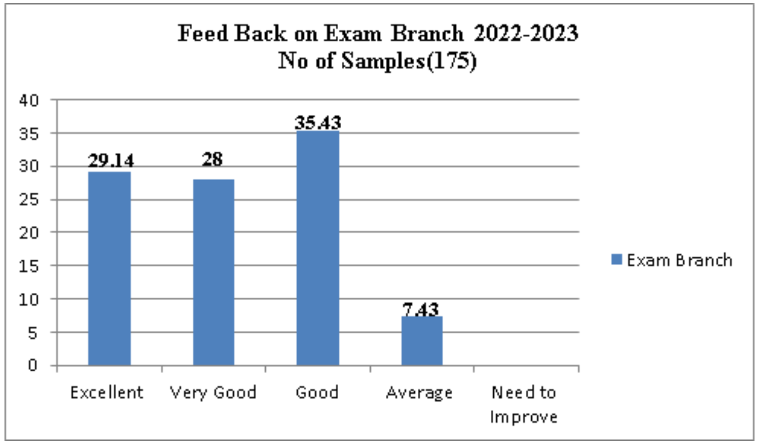


Figure 9.3.24. Summary of Feedback on Exam Branch

Summary of feedback on Exam branch:

Figure 9.3.24 depicts the Feedback on Exam Branch.

It is observed that:

- 92.57 % students are very much satisfied with the Exam branch in the Institution.
- Only 7.43% of students expressed dissatisfaction on this aspect.

9.4 Self-Learning (5)

Total Marks 5.00

Institute Marks : 5.00

A. Scope for self-Learning (2)

All courses in the syllabus book are provided with standard online resources for students for self learning/

- GNITS provides financial support to encourage the students to work on the projects of their interest and allow the students to access the digital platforms beyond working hours.
- GNITS has Digital library access to e-Journals which are subscribed through AICTE INDEST consortium; These journals are from IEEE etc..
- The self-learning online /physical materials like GMAT, GATE, IELS, TOFEL, etc.. are also available in the main library to encourage the students to learn beyond the syllabus for competitive examinations and employment. Special classes are also arranged by the institute entrepreneurship cell to the students to encourage them to become an entrepreneur.

The Institute is also offers the following self-learning activities in the campus:

Classroom Presentation:

Allowing students to prepare and present a topic from the curriculum or any latest technology.

The following are the Self-Learning resources used by the students of GNITS:

Resources Provided for Self-learning

- SWAYAM
- NPTEL
- NPTEL-MOOC’s
- NDLI
- MIT open courseware
- Coursera
- Web / Video Learning, Sonet Video Lessons
- Lecture Capturing System
- Youtube videos of faculty

e-Resources:

Table 9.4.1 List of e-Resources

S.No.	Name of the E-resources	Name of the service provider	URL
1	e – journals/e-books consortia	IEEE Digital Library	https://ieeexplore.ieee.org/ (https://ieeexplore.ieee.org/)
		DELNET	https://delnet.in/ (https://delnet.in/)
		J-GATE	https://jgateplus.com/home/ (https://jgateplus.com/home/)
		Knimbus	https://gnits.knimbus.com/user#/home (https://gnits.knimbus.com/user#/home)
		AICTE-e-KUMBH	https://ekumbh.aicte-india.org/allbook.php (https://ekumbh.aicte-india.org/allbook.php)
		e-PG Pathshala (http://epgp.inflibnet.ac.in/)	https://epgp.inflibnet.ac.in/ (https://epgp.inflibnet.ac.in/)

2	e-ShodhSindhu	INFLIBNET	https://ess.inflibnet.ac.in/oes/memberhome.php (https://ess.inflibnet.ac.in/oes/memberhome.php)
3	e-Shodhganga	INFLIBNET	https://shodhganga.inflibnet.ac.in/ (https://shodhganga.inflibnet.ac.in/)
4	SWAYAM	NPTEL	https://archive.nptel.ac.in/LocalChapter/statistics/742/ (https://archive.nptel.ac.in/LocalChapter/statistics/742/)
5	Vidwan	INFLIBNET	https://vidwan.inflibnet.ac.in/ (https://vidwan.inflibnet.ac.in/)
6	IRINS	INFLIBNET	https://gnits.irins.org/ (https://gnits.irins.org/)
7	Remote Access	Knimbus	https://gnits.knimbus.com/user#/home (https://gnits.knimbus.com/user#/home)
8.	NDL	National Digital Library (NDL)	https://ndl.iitkgp.ac.in/ (https://ndl.iitkgp.ac.in/)
9.	Plagiarism	Turnitin Plagiarism checker	https://gnarayanamma.turnitin.com/ (https://gnarayanamma.turnitin.com/)
10	Library Web page	GNITS LIBRARY	http://gnitslibrry.pbaworks.com/ (http://gnitslibrry.pbaworks.com/)

SWAYAM:(Study Webs of Active-Learning for Young Aspiring Minds). Swayam is a platform that facilitates hosting of all the courses taught in classrooms to be accessed by anyone, anywhere anytime for self learning.

https://swayam.gov.in (https://swayam.gov.in/)

NPTEL :(National Programme on Technology Enhanced Learning). This is a project of MHRD initiated by seven IITS along with the IISC to provide quality education to anyone interested in self learning . The main goal is to create web and video courses in all major branches of engineering and technology. The objective of enabling students to obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education programme.

https://nptel.ac.in (https://nptel.ac.in/)

https://onlinecourses.nptel.ac.in (https://onlinecourses.nptel.ac.in/)

There is also mentoring system in NPTEL by staff .

Table 9.4.2. is the list of NPTEL courses completed by students /staff for the AY 22-23 :

Table 9.4.2. List of NPTEL Courses Completed by Students/Staff in 2022-2023

S.No.	Engineering Discipline	Name of Course & Date	No. of Student Enrolled
1	Computer Science and Engineering	Problem Solving Through Programming In C (July-Dec 2022)	26
2	Computer Science and Engineering	Programming In Java (July-Dec 2022)	10
3	Electronics and Communication Engineering	Demystifying Networking (July-Dec 2022)	2

4	Computer Science and Engineering	The Joy of Computing using Python (July-Dec 2022)	95
5	Computer Science and Engineering	Discrete Mathematics (July-Dec 2022)	1
6	Computer Science and Engineering	Deep Learning (July-Dec 2022)	1
7	Computer Science and Engineering	C Programming and Assembly Language (July-Dec 2022)	10
8	Computer Science and Engineering	Artificial Intelligence : Search Methods For Problem solving (July-Dec 2022)	1
9	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python (July-Dec 2022)	3
10	Computer Science and Engineering	Python for Data Science (July-Dec 2022)	2
11	Computer Science and Engineering	Introduction to Operating Systems (July-Dec 2022)	1
12	Computer Science and Engineering	Applied Accelerated Artificial Intelligence (July-Dec 2022)	4
13	Computer Science and Engineering	Data Science for Engineers (July-Dec 2022)	18
14	Computer Science and Engineering	Cloud Computing- Part 1 (July-Dec 2022)	5
15	Computer Science and Engineering	Computer Architecture And Organization (July-Dec 2022)	2
16	Computer Science and Engineering	Digital Circuits (July-Dec 2022)	1
17	Computer Science and Engineering	Discrete Mathematics (July-Dec 2022)	1
18	Computer Science and Engineering	Electrical Machines - I (July-Dec 2022)	1
19	Computer Science and Engineering	Ethical Hacking (July-Dec 2022)	15
20	Computer Science and Engineering	Functional Genomics (July-Dec 2022)	2
21	Computer Science and Engineering	Fundamentals of Artificial Intelligence (July-Dec 2022)	1

22	Computer Science and Engineering	Higher Engineering Mathematics (July-Dec 2022)	1
23	Computer Science and Engineering	Indian Fiction in English (July-Dec 2022)	1
24	Computer Science and Engineering	Innovation, Business Models and Entrepreneurship (July-Dec 2022)	1
25	Computer Science and Engineering	Integral Transforms and their Applications (July-Dec 2022)	1
26	Computer Science and Engineering	Introduction to Film studies (July-Dec 2022)	1
27	Computer Science and Engineering	Introduction to Internet of Things (July-Dec 2022)	13
28	Computer Science and Engineering	Introduction to Machine Learning (July-Dec 2022)	31
29	Computer Science and Engineering	Introduction to Operating Systems (July-Dec 2022)	2
30	Computer Science and Engineering	Introduction to Programming in C (July-Dec 2022)	1
31	Computer Science and Engineering	Introduction to Programming in C (July-Dec 2022)	41
32	Computer Science and Engineering	Machine Learning for Engineering and Science Applications (July-Dec 2022)	12
33	Computer Science and Engineering	Marketing Management-I (July-Dec 2022)	1
34	Computer Science and Engineering	Modern Algebra (July-Dec 2022)	1
35	Computer Science and Engineering	Natural Language Processing (July-Dec 2022)	3
36	Computer Science and Engineering	Neural Networks for Signal Processing - I (July-Dec 2022)	3
37	Computer Science and Engineering	Operating System Fundamentals (July-Dec 2022)	1
38	Computer Science and Engineering	Practical Machine Learning with Tensorflow (July-Dec 2022)	8
39	Computer Science and Engineering	Problem Solving through Programming in C (July-Dec 2022)	22

40	Computer Science and Engineering	Programming in C++ (July-Dec 2022)	30
41	Computer Science and Engineering	Programming In Java (July-Dec 2022)	57
42	Computer Science and Engineering	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	49
43	Computer Science and Engineering	Python for Data Science (July-Dec 2022)	17
44	Computer Science and Engineering	Scalable Data Science (July-Dec 2022)	2
45	Computer Science and Engineering	Social Networks (July-Dec 2022)	1
46	Computer Science and Engineering	Software Engineering (July-Dec 2022)	16
47	Computer Science and Engineering	Stress Management (July-Dec 2022)	1
48	Computer Science and Engineering	Technical english for engineers (July-Dec 2022)	3
49	Computer Science and Engineering	The Ethical Corporation (July-Dec 2022)	1
50	Computer Science and Engineering	The Joy of Computing using Python (July-Dec 2022)	52
51	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink (July-Dec 2022)	3
52	Electrical and Electronics Engineering	An Introduction to Programming through C++ (July-Dec 2022)	12
53	Electrical and Electronics Engineering	Analog Electronic Circuit (July-Dec 2022)	16
54	Electrical and Electronics Engineering	Artificial Intelligence : Search Methods for Problem Solving (July-Dec 2022)	2
55	Electrical and Electronics Engineering	Basic Electric Circuits (July-Dec 2022)	25
56	Electrical and Electronics Engineering	Bioenergy (July-Dec 2022)	1
57	Electrical and Electronics Engineering	Body Language: Key to Professional Success (July-Dec 2022)	1

58	Electrical and Electronics Engineering	C Programming and Assembly Language (July-Dec 2022)	9
59	Electrical and Electronics Engineering	Calculus of One Real Variable (July-Dec 2022)	6
60	Electrical and Electronics Engineering	Computational Electromagnetics (July-Dec 2022)	1
61	Electrical and Electronics Engineering	Contemporary Architecture and Design (July-Dec 2022)	1
62	Electrical and Electronics Engineering	Control engineering (July-Dec 2022)	4
63	Electrical and Electronics Engineering	Control systems (July-Dec 2022)	2
64	Electrical and Electronics Engineering	Data Base Management System (July-Dec 2022)	12
65	Electrical and Electronics Engineering	Design Thinking - A Primer (July-Dec 2022)	1
66	Electrical and Electronics Engineering	Developing Soft Skills and Personality	3
67	Electrical and Electronics Engineering	Developing Soft Skills and Personality (July-Dec 2022)	2
68	Electrical and Electronics Engineering	Digital Signal Processing (July-Dec 2022)	5
69	Electrical and Electronics Engineering	E-Business (July-Dec 2022)	1
70	Electrical and Electronics Engineering	Electrical Distribution System Analysis (July-Dec 2022)	5
71	Electrical and Electronics Engineering	Electrical Machines (July-Dec 2022)	28
72	Electrical and Electronics Engineering	Electrical Machines - I (July-Dec 2022)	78
73	Electrical and Electronics Engineering	Electrical Measurement and Electronic Instruments (July-Dec 2022)	43
74	Electrical and Electronics Engineering	Energy Conservation and Waste Heat Recovery (July-Dec 2022)	1
75	Electrical and Electronics Engineering	Engineering Mechanics (July-Dec 2022)	1

76	Electrical and Electronics Engineering	Ergonomics in Automotive Design (July-Dec 2022)	1
77	Electrical and Electronics Engineering	Ethical Hacking (July-Dec 2022)	3
78	Electrical and Electronics Engineering	Fundamentals of Electric Drives (July-Dec 2022)	3
79	Electrical and Electronics Engineering	Fundamentals of Electrical and Electronics Engineering (July-Dec 2022)	14
80	Electrical and Electronics Engineering	Game theory (July-Dec 2022)	1
81	Electrical and Electronics Engineering	Higher Engineering Mathematics (July-Dec 2022)	1
82	Electrical and Electronics Engineering	Innovation, Business Models and Entrepreneurship (July-Dec 2022)	1
83	Electrical and Electronics Engineering	Integral Transforms and their Applications (July-Dec 2022)	1
84	Electrical and Electronics Engineering	Introduction to Internet of Things (July-Dec 2022)	1
85	Electrical and Electronics Engineering	Introduction to Machine Learning (July-Dec 2022)	3
86	Electrical and Electronics Engineering	Introduction to Mechanobiology (July-Dec 2022)	1
87	Electrical and Electronics Engineering	Introduction to Programming in C (July-Dec 2022)	23
88	Electrical and Electronics Engineering	Machine Learning for Engineering and Science Applications (July-Dec 2022)	1
89	Electrical and Electronics Engineering	Mapping Signal Processing Algorithms to Architectures (July-Dec 2022)	1
90	Electrical and Electronics Engineering	Mathematical Finance (July-Dec 2022)	1
91	Electrical and Electronics Engineering	Microelectronics: Devices to Circuits (July-Dec 2022)	1

92	Electrical and Electronics Engineering	Nanotechnology in Agriculture (July-Dec 2022)	1
93	Electrical and Electronics Engineering	Numerical methods (July-Dec 2022)	2
94	Electrical and Electronics Engineering	Numerical Methods and Simulation Techniques for Scientists and Engineers (July-Dec 2022)	1
95	Electrical and Electronics Engineering	Object oriented analysis and design (July-Dec 2022)	1
95	Electrical and Electronics Engineering	Op-Amp Practical Applications: Design, Simulation and Implementation (July-Dec 2022)	1
97	Electrical and Electronics Engineering	Positive Psychology (July-Dec 2022)	1
98	Electrical and Electronics Engineering	Power Electronics (July-Dec 2022)	5
99	Electrical and Electronics Engineering	Power System Analysis (July-Dec 2022)	15
100	Electrical and Electronics Engineering	Problem Solving through Programming in C (July-Dec 2022)	27
101	Electrical and Electronics Engineering	Programming in C++ (July-Dec 2022)	5
102	Electrical and Electronics Engineering	Programming In Java (July-Dec 2022)	13
103	Electrical and Electronics Engineering	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	3
104	Electrical and Electronics Engineering	Python for Data Science	5
105	Electrical and Electronics Engineering	Quantum Computing (July-Dec 2022)	1
106	Electrical and Electronics Engineering	Sensors and Actuators (July-Dec 2022)	2
107	Electrical and Electronics Engineering	Technologies for clean and renewable energy production (July-Dec 2022)	1
108	Electrical and Electronics Engineering	The Joy of Computing using Python (July-Dec 2022)	6

109	Electrical and Electronics Engineering	Toyota Production System (July-Dec 2022)	1
110	Electrical and Electronics Engineering	Training of Trainers (July-Dec 2022)	1
111	Electrical and Electronics Engineering	Working Capital Management (July-Dec 2022)	1
112	Electronics and Communication Engineering	Advanced Computer Architecture (July-Dec 2022)	2
113	Electronics and Communication Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink (July-Dec 2022)	8
114	Electronics and Communication Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink (July-Dec 2022)	1
115	Electronics and Communication Engineering	An Introduction to Programming through C++ (July-Dec 2022)	35
116	Electronics and Communication Engineering	Analog Communication (July-Dec 2022)	17
117	Electronics and Communication Engineering	Analog Electronic Circuit (July-Dec 2022)	8
118	Electronics and Communication Engineering	Applied Natural Language Processing (July-Dec 2022)	1
119	Electronics and Communication Engineering	Artificial Intelligence : Search Methods for Problem Solving (July-Dec 2022)	10
120	Electronics and Communication Engineering	Artistic Exploration in Scientific Research and Technology (July-Dec 2022)	1
121	Electronics and Communication Engineering	Basic Electric Circuits (July-Dec 2022)	46
122	Electronics and Communication Engineering	Blockchain Architecture Design and Use Cases (July-Dec 2022)	2
123	Electronics and Communication Engineering	Body Language: Key to Professional Success (July-Dec 2022)	18

124	Electronics and Communication Engineering	Business Analytics & Data Mining Modeling Using R Part II (July-Dec 2022)	2
125	Electronics and Communication Engineering	C Programming and Assembly Language (July-Dec 2022)	11
126	Electronics and Communication Engineering	Calculus of One Real Variable (July-Dec 2022)	28
127	Electronics and Communication Engineering	Calculus of Several Real Variables (July-Dec 2022)	2
128	Electronics and Communication Engineering	Chemical Crystallography (July-Dec 2022)	1
129	Electronics and Communication Engineering	Cloud Computing (July-Dec 2022)	7
130	Electronics and Communication Engineering	Computational Electromagnetics (July-Dec 2022)	3
131	Electronics and Communication Engineering	Computational Physics (July-Dec 2022)	1
132	Electronics and Communication Engineering	Computer numerical control CNC of machine tools and processes (July-Dec 2022)	1
133	Electronics and Communication Engineering	Computer Vision (July-Dec 2022)	2
134	Electronics and Communication Engineering	Control engineering	2
135	Electronics and Communication Engineering	Control systems	6
136	Electronics and Communication Engineering	Data Base Management System (July-Dec 2022)	34
137	Electronics and Communication Engineering	Data Science for Engineers (July-Dec 2022)	6

138	Electronics and Communication Engineering	DC Microgrid (July-Dec 2022)	1
139	Electronics and Communication Engineering	Decision-Making Under Uncertainty (July-Dec 2022)	2
140	Electronics and Communication Engineering	Deep Learning - Part 1 (July-Dec 2022)	3
141	Electronics and Communication Engineering	Demystifying Networking (July-Dec 2022)	1
142	Electronics and Communication Engineering	Design and analysis of algorithms (July-Dec 2022)	2
143	Electronics and Communication Engineering	Design of fixed wing Unmanned Aerial Vehicles (July-Dec 2022)	1
144	Electronics and Communication Engineering	Design Thinking - A Primer (July-Dec 2022)	11
145	Electronics and Communication Engineering	Design Thinking - A Primer (July-Dec 2022)	3
146	Electronics and Communication Engineering	Developing Soft Skills and Personality (July-Dec 2022)	17
147	Electronics and Communication Engineering	Digital Circuits (July-Dec 2022)	44
148	Electronics and Communication Engineering	Digital Image Processing (July-Dec 2022)	20
149	Electronics and Communication Engineering	Digital Switching - I (July-Dec 2022)	4
150	Electronics and Communication Engineering	Discrete Mathematics (July-Dec 2022)	3
151	Electronics and Communication Engineering	Electrical Distribution System Analysis (July-Dec 2022)	1

152	Electronics and Communication Engineering	Electrical Machines - I (July-Dec 2022)	1
153	Electronics and Communication Engineering	Electrical Machines (July-Dec 2022)	1
154	Electronics and Communication Engineering	Electrical Machines (July-Dec 2022)	2
155	Electronics and Communication Engineering	Electrical Measurement and Electronic Instruments (July-Dec 2022)	2
156	Electronics and Communication Engineering	Ethical Hacking (July-Dec 2022)	18
157	Electronics and Communication Engineering	Ethics in Engineering Practice (July-Dec 2022)	2
158	Electronics and Communication Engineering	Experimental Physics - II (July-Dec 2022)	1
159	Electronics and Communication Engineering	Fabrication Techniques for MEMs-Based Sensors: Clinical Perspective (July-Dec 2022)	2
160	Electronics and Communication Engineering	Fiber-Optic Communication Systems and Techniques (July-Dec 2022)	1
161	Electronics and Communication Engineering	Fundamentals of Artificial Intelligence (July-Dec 2022)	5
162	Electronics and Communication Engineering	Fundamentals of Electric Drives (July-Dec 2022)	1
163	Electronics and Communication Engineering	Fundamentals of Electrical and Electronics Engineering (July-Dec 2022)	1
164	Electronics and Communication Engineering	Fundamentals of electronic device fabrication (July-Dec 2022)	1
165	Electronics and Communication Engineering	Fundamentals of micro and nanofabrication (July-Dec 2022)	1

166	Electronics and Communication Engineering	Game theory (July-Dec 2022)	2
167	Electronics and Communication Engineering	Genetic Engineering: Theory and Application (July-Dec 2022)	1
168	Electronics and Communication Engineering	German-I (July-Dec 2022)	5
169	Electronics and Communication Engineering	Global Navigation Satellite Systems and Applications (July-Dec 2022)	2
170	Electronics and Communication Engineering	Hardware modeling using verilog (July-Dec 2022)	1
171	Electronics and Communication Engineering	Higher Engineering Mathematics (July-Dec 2022)	1
172	Electronics and Communication Engineering	Human Computer Interactions (July-Dec 2022)	1
173	Electronics and Communication Engineering	Inclusion and Technology Design (July-Dec 2022)	1
174	Electronics and Communication Engineering	Infrared Spectroscopy for Pollution Monitoring (July-Dec 2022)	1
175	Electronics and Communication Engineering	Innovation by Design (July-Dec 2022)	1
176	Electronics and Communication Engineering	Innovation, Business Models and Entrepreneurship (July-Dec 2022)	1
177	Electronics and Communication Engineering	Integral Transforms and their Applications (July-Dec 2022)	3
178	Electronics and Communication Engineering	Integral Transforms and their Applications (July-Dec 2022)	1
179	Electronics and Communication Engineering	Intermediate Level of Spoken Sanskrit (July-Dec 2022)	1

180	Electronics and Communication Engineering	Interpersonal Skills (July-Dec 2022)	1
181	Electronics and Communication Engineering	Introduction to Abstract and Linear Algebra (July-Dec 2022)	2
182	Electronics and Communication Engineering	Introduction to Abstract and Linear Algebra (July-Dec 2022)	1
183	Electronics and Communication Engineering	Introduction to Abstract Group Theory (July-Dec 2022)	1
184	Electronics and Communication Engineering	Introduction to Electromagnetic Theory (July-Dec 2022)	10
185	Electronics and Communication Engineering	Introduction to Fuzzy Set Theory, Arithmetic and Logic (July-Dec 2022)	11
186	Electronics and Communication Engineering	Introduction to Internet of Things (July-Dec 2022)	39
187	Electronics and Communication Engineering	Introduction to Japanese Language and Culture (July-Dec 2022)	1
188	Electronics and Communication Engineering	Introduction to Machine Learning (July-Dec 2022)	23
189	Electronics and Communication Engineering	Introduction to methods of Applied Mathematics (July-Dec 2022)	1
190	Electronics and Communication Engineering	Introduction to Operating Systems (July-Dec 2022)	2
191	Electronics and Communication Engineering	Introduction to Parallel Programming in Open MP (July-Dec 2022)	1
192	Electronics and Communication Engineering	Introduction to Programming in C (July-Dec 2022)	56
193	Electronics and Communication Engineering	Introduction to R Software (July-Dec 2022)	1

194	Electronics and Communication Engineering	Introduction to Rings and Fields (July-Dec 2022)	1
195	Electronics and Communication Engineering	Introduction to Smart Grid (July-Dec 2022)	2
196	Electronics and Communication Engineering	Introduction to Statistical Mechanics (July-Dec 2022)	1
197	Electronics and Communication Engineering	Introduction to Wireless and Cellular Communications (July-Dec 2022)	5
198	Electronics and Communication Engineering	Introduction to Wireless and Cellular Communications (July-Dec 2022)	2
199	Electronics and Communication Engineering	Linear System Theory (July-Dec 2022)	1
200	Electronics and Communication Engineering	Machine Learning for Engineering and Science Applications (July-Dec 2022)	3
201	Electronics and Communication Engineering	Machine Learning for Engineering and Science Applications (July-Dec 2022)	2
202	Electronics and Communication Engineering	Mapping Signal Processing Algorithms to Architectures (July-Dec 2022)	1
203	Electronics and Communication Engineering	Mapping Signal Processing Algorithms to Architectures (July-Dec 2022)	1
204	Electronics and Communication Engineering	Mathematical Finance (July-Dec 2022)	1
205	Electronics and Communication Engineering	Mathematical Methods for Boundary Value Problems (July-Dec 2022)	1
206	Electronics and Communication Engineering	Matrix Analysis with Applications (July-Dec 2022)	1
207	Electronics and Communication Engineering	Microelectronics: Devices to Circuits (July-Dec 2022)	8

208	Electronics and Communication Engineering	Microelectronics: Devices to Circuits (July-Dec 2022)	1
209	Electronics and Communication Engineering	Microwave Engineering (July-Dec 2022)	2
210	Electronics and Communication Engineering	Microwave Engineering (July-Dec 2022)	1
211	Electronics and Communication Engineering	Microwave Theory and Techniques (July-Dec 2022)	2
212	Electronics and Communication Engineering	Modern Algebra (July-Dec 2022)	2
213	Electronics and Communication Engineering	Neural Networks for Signal Processing - I (July-Dec 2022)	2
214	Electronics and Communication Engineering	Neural Networks for Signal Processing - I (July-Dec 2022)	1
215	Electronics and Communication Engineering	Numerical methods (July-Dec 2022)	2
216	Electronics and Communication Engineering	Numerical methods (July-Dec 2022)	2
217	Electronics and Communication Engineering	Numerical methods (July-Dec 2022)	1
218	Electronics and Communication Engineering	Numerical Methods and Simulation Techniques for Scientists and Engineers (July-Dec 2022)	2
219	Electronics and Communication Engineering	Object oriented analysis and design (July-Dec 2022)	1
220	Electronics and Communication Engineering	Op-Amp Practical Applications: Design, Simulation and Implementation (July-Dec 2022)	15

221	Electronics and Communication Engineering	Operating System Fundamentals (July-Dec 2022)	2
222	Electronics and Communication Engineering	Operations Research (July-Dec 2022)	1
223	Electronics and Communication Engineering	Patent Drafting for Beginners (July-Dec 2022)	1
224	Electronics and Communication Engineering	Path Integral and functional methods in quantum field theory (July-Dec 2022)	1
225	Electronics and Communication Engineering	Path Integral and functional methods in quantum field theory (July-Dec 2022)	1
226	Electronics and Communication Engineering	Pattern Recognition and Application (July-Dec 2022)	1
227	Electronics and Communication Engineering	Pattern Recognition and Application (July-Dec 2022)	1
228	Electronics and Communication Engineering	Physics of Turbulence (July-Dec 2022)	1
229	Electronics and Communication Engineering	Positive Psychology (July-Dec 2022)	1
230	Electronics and Communication Engineering	Power Electronics (July-Dec 2022)	1
231	Electronics and Communication Engineering	Power Electronics (July-Dec 2022)	1
232	Electronics and Communication Engineering	Power System Analysis (July-Dec 2022)	1
233	Electronics and Communication Engineering	Practical Machine Learning with Tensorflow (July-Dec 2022)	1
234	Electronics and Communication Engineering	Practical Machine Learning with Tensorflow (July-Dec 2022)	2

235	Electronics and Communication Engineering	Principles and Techniques of Modern Radar Systems (July-Dec 2022)	1
236	Electronics and Communication Engineering	Principles of Communication Systems - Part II (July-Dec 2022)	21
237	Electronics and Communication Engineering	Principles of Communication Systems - Part II (July-Dec 2022)	1
238	Electronics and Communication Engineering	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications (July-Dec 2022)	9
239	Electronics and Communication Engineering	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications (July-Dec 2022)	1
240	Electronics and Communication Engineering	Problem Solving through Programming in C (July-Dec 2022)	43
241	Electronics and Communication Engineering	Problem Solving through Programming in C (July-Dec 2022)	4
242	Electronics and Communication Engineering	Programming in C++ (July-Dec 2022)	18
243	Electronics and Communication Engineering	Programming In Java (July-Dec 2022)	37
244	Electronics and Communication Engineering	Programming In Java (July-Dec 2022)	1
245	Electronics and Communication Engineering	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	29
246	Electronics and Communication Engineering	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	2
247	Electronics and Communication Engineering	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	2
248	Electronics and Communication Engineering	Psychology of Everyday	15

249	Electronics and Communication Engineering	Psychology of Everyday (July-Dec 2022)	1
250	Electronics and Communication Engineering	Python for Data Science (July-Dec 2022)	1
251	Electronics and Communication Engineering	Quantum Computing (July-Dec 2022)	1
252	Electronics and Communication Engineering	Regression analysis (July-Dec 2022)	1
253	Electronics and Communication Engineering	Robotics (July-Dec 2022)	3
254	Electronics and Communication Engineering	Sensors and Actuators (July-Dec 2022)	3
255	Electronics and Communication Engineering	Social Networks (July-Dec 2022)	1
256	Electronics and Communication Engineering	Soft skills (July-Dec 2022)	4
257	Electronics and Communication Engineering	Software Project Management (July-Dec 2022)	1
258	Electronics and Communication Engineering	Solar Photovoltaics Fundamentals, Technology and Applications (July-Dec 2022)	1
259	Electronics and Communication Engineering	Solid State Physics (July-Dec 2022)	1
260	Electronics and Communication Engineering	Stochastic Processes (July-Dec 2022)	1
261	Electronics and Communication Engineering	Stress Management (July-Dec 2022)	3
262	Electronics and Communication Engineering	Switching Circuits and Logic Design (July-Dec 2022)	38

263	Electronics and Communication Engineering	Synthesis of Digital Systems (July-Dec 2022)	2
264	Electronics and Communication Engineering	Technical english for engineers (July-Dec 2022)	10
265	Electronics and Communication Engineering	The Joy of Computing using Python (July-Dec 2022)	54
266	Electronics and Communication Engineering	The Psychology of Language (July-Dec 2022)	1
267	Electronics and Communication Engineering	Theoretical Mechanics (July-Dec 2022)	1
268	Electronics and Communication Engineering	Understanding Design (July-Dec 2022)	1
269	Electronics and Communication Engineering	Waves and Oscillations (July-Dec 2022)	1
270	Electronics and Communication Engineering	Work System Design (July-Dec 2022)	1
271	Information Technology	An Introduction to Programming through C++ (July-Dec 2022)	1
272	Information Technology	An Introduction to Programming through C++ (July-Dec 2022)	36
273	Information Technology	Applied Natural Language Processing (July-Dec 2022)	3
274	Information Technology	Artificial Intelligence : Search Methods for Problem Solving (July-Dec 2022)	8
275	Information Technology	Blockchain Architecture Design and Use Cases (July-Dec 2022)	4
276	Information Technology	Body Language: Key to Professional Success(July-Dec 2022)	1
277	Information Technology	C Programming and Assembly Language (July-Dec 2022)	1

278	Information Technology	C Programming and Assembly Language (July-Dec 2022)	6
279	Information Technology	Calculus of One Real Variable (July-Dec 2022)	1
280	Information Technology	Calculus of One Real Variable (July-Dec 2022)	10
281	Information Technology	Cloud Computing (July-Dec 2022)	16
282	Information Technology	Corporate Social Responsibility (July-Dec 2022)	1
283	Information Technology	Data Base Management System (July-Dec 2022)	43
284	Information Technology	Data Science for Engineers (July-Dec 2022)	6
285	Information Technology	Deep Learning (July-Dec 2022)	1
286	Information Technology	Demystifying Networking (July-Dec 2022)	8
287	Information Technology	Design and analysis of algorithms (July-Dec 2022)	59
288	Information Technology	Developing Soft Skills and Personality (July-Dec 2022)	14
289	Information Technology	Development Research Methods (July-Dec 2022)	1
290	Information Technology	Digital Circuits (July-Dec 2022)	1
291	Information Technology	Engineering Mechanics (July-Dec 2022)	1
292	Information Technology	Ethical Hacking	36
293	Information Technology	Fundamentals of Artificial Intelligence (July-Dec 2022)	1
294	Information Technology	Gender Justice and Workplace Security	3
295	Information Technology	Introduction to Internet of Things (July-Dec 2022)	20
296	Information Technology	Introduction to Machine Learning (July-Dec 2022)	71
297	Information Technology	Introduction to Operating Systems (July-Dec 2022)	1

298	Information Technology	Introduction to Programming in C (July-Dec 2022)	22
299	Information Technology	Introduction to Programming in C (July-Dec 2022)	1
300	Information Technology	Machine Learning for Engineering and Science Applications (July-Dec 2022)	12
301	Information Technology	Natural Language Processing (July-Dec 2022)	1
302	Information Technology	Object oriented analysis and design (July-Dec 2022)	3
303	Information Technology	Operating System Fundamentals (July-Dec 2022)	1
304	Information Technology	Pattern Recognition and Application (July-Dec 2022)	1
304	Information Technology	Positive Psychology (July-Dec 2022)	2
305	Information Technology	Practical Machine Learning with Tensorflow (July-Dec 2022)	2
306	Information Technology	Problem Solving through Programming in C (July-Dec 2022)	11
307	Information Technology	Programming in C++ (July-Dec 2022)	48
308	Information Technology	Programming In Java (July-Dec 2022)	73
309	Information Technology	Programming, Data Structures and Algorithms Using Python (July-Dec 2022)	74
310	Information Technology	Psychology of Everyday (July-Dec 2022)	3
311	Information Technology	Python for Data Science (July-Dec 2022)	27
312	Information Technology	Quantum Computing (July-Dec 2022)	1
313	Information Technology	Social Networks (July-Dec 2022)	3
314	Information Technology	Soft skills (July-Dec 2022)	1

315	Information Technology	Software Engineering (July-Dec 2022)	14
316	Information Technology	Software Project Management (July-Dec 2022)	5
317	Information Technology	Software testing (July-Dec 2022)	3
318	Information Technology	Technical english for engineers (July-Dec 2022)	1
319	Information Technology	The Joy of Computing using Python (July-Dec 2022)	34
320	Information Technology	Theory of Computation (July-Dec 2022)	1

Table 9.4.3. List of Mentors for NPTEL Courses completed by Students

S.no	Mentor Name(Faculty)	Course Id	Course Name	Mentee count
1	Vulugundam Anitha	noc22-cs102	Programming In Java	12
2	D.Anusha	noc22-cs100	Operating System Fundamentals	2
3	T.Aparna	noc22-cs102	Programming In Java	1
4	Seshabhargavi Velagaleti	noc22-cs97	Introduction to Machine Learning	9
5	Dr. Sasidhar Bola	noc22-cs102	Programming In Java	6
6	Chandra Shaker Arrabotu	noc22-cs92	Data Structure and Algorithms using Java	1
7	Chandra Shaker Arrabotu	noc22-cs95	Introduction To Industry 4.0 And Industrial Internet Of Things	4
8	Ch. Radhika	noc22-cs88	Computer architecture and organization	2
9	S Sandhya	noc22-cs100	Operating System Fundamentals	18
10	K. Gnana Prasuna	noc22-cs100	Operating System Fundamentals	5

11	K Sridevi	noc22-cs122	The Joy of Computing using Python	40
12	Adabala Sneha Keerthi	noc22-cs97	Introduction to Machine Learning	2
13	Adabala Sneha Keerthi	noc22-ee110	Digital Circuits	1
14	Chleelakrishna	noc22-cs101	Problem Solving Through Programming In C	1
15	Dr.D.V.Lalita Parameswari	noc22-cs100	Operating System Fundamentals	12
16	Ch Mandakini	noc22-cs122	The Joy of Computing using Python	30
17	Akula Nageswari	noc22-cs101	Problem Solving Through Programming In C	1
18	N.Divya	noc22-cs122	The Joy of Computing using Python	21
19	Nagababu Garigipati	noc22-cs88	Computer architecture and organization	24
20	Ooruchintala Obulesu	noc22-cs91	Data Base Management System	11
21	N Ramakrishna	noc22-cs122	The Joy of Computing using Python	2
22	N Ramakrishna	noc22-mg75	Design Thinking - A Primer	1
23	Roja Gurrapu	noc22-cs102	Programming In Java	36
24	Supriya Vaddi	noc22-cs97	Introduction to Machine Learning	7
25	T Ammannamma	noc22-cs101	Problem Solving Through Programming In C	1
26	Vadde Usha	noc22-cs122	The Joy of Computing using Python	12
27	N Venkateswarulu	noc22-cs122	The Joy of Computing using Python	44

Massive Open Online Courses (MOOCs)

MOOCS provide an free and flexible platform to learn new skills to advance career for staff and deliver quality education at large scale. It offers certificates from IITS / IISC for those who completed the courses successfully.

https://mooc.org (https://mooc.org/)

NDLI : (National Digital Library of India) This is a virtual repository of learning resources which is not just a repository with search/browse facilities but also provides a host of services including textbooks, articles, videos, audios, lectures and all other kinds of learning materials for the self learning users.

https://ndl.iitkgp.ac.in (https://ndl.iitkgp.ac.in/) www.ndl.gov.in (http://www.ndl.gov.in/)

MIT Open : (MIT Open courseware)This courseware is an online publication of material from over 2,500 MIT courses, freely sharing knowledge with learners and educators around

(Free online the world. MIT could be accessed in the Central Library.

course Material) www.ocw.mit.edu (http://www.ocw.mit.edu/)

COURSERA: Coursera is a U.S.-based unlimited online learning platform that has access to learning course and Professional Certificates you can earn a certificate

for every Learning Programme that you have completed.

www.cousera.org (http://www.cousera.org/)

SONET : (Society for Networking for excellence in Technical education).

The Department of Technical education, State Govt., as part of its efforts for networking for excellence in technical education of has initiated an innovative teaching methodology. The project develops CD’s, DVD’s containing Lectures on various engineering courses which is sent to the Colleges for Self-learning.

Additional Resources for online learning for staff and students are encouraged withe the following facilities:

- Digital Library has been established in the central Library
- Web based learning
- Learning club activities
- Webinars
- Internet& facility free and open learning environment
- Department Library
- e-learning materials has been prepared by the department faculty
- Institutional e-repositories
- EBSCO IEEE online Journals
- DELNET-online Journals
- J-GATE Database
- Open sources self-learning databases.
- Campus provide Wi-Fi facility.
- Library on web (http://gnitslibrary.pbworks.com/ (http://gnitslibrary.pbworks.com/))

Coursera

Coursera offers more than 3,800 cutting-edge courses, all taught by top instructors from over 200 leading universities and companies like Yale, University of Michigan, Google and IBM.

Table 9.4.4 shows the list of students and faculty who have Completed Coursera modules

Table 9.4.4. List of students and faculty who have Completed Coursera modules

Full Name	Join Date	Enrollments	# Enrollments
G.Sai Lalitha	2024-01-03T14:51:22.095Z	Machine Learning Pipelines with Azure ML Studio	1
Ravali K	2022-03-07T05:19:43.702Z	Business Analytics for Decision Making	1

Athkuri Sahithi	2022-01-24T18:33:58.037Z	Introduction to HTML5,Web Design for Everybody: Basics of Web Development & Coding	1
Shravani Athkuri	2021-10-05T08:54:03.380Z	An Introduction to Interactive Programming in Python (Part 1)	1
Nabila hashim	2023-10-25T00:48:10.374Z	Using Basic Formulas and Functions in Microsoft Excel,Introduction to Business Analysis Using Spreadsheets: Basics,Business Analysis & Process Management,Build a Data Science Web App with Streamlit and Python,Introduction to Data Analysis using Microsoft Excel,Conditional Formatting, Tables and Charts in Microsoft Excel	6
Dr Renuka Devi	2023-10-14T06:18:44.925Z	Deep Learning with PyTorch : Image Segmentation ,Deep Learning with PyTorch : Neural Style Transfer,Deep Learning with PyTorch : Generative Adversarial Network,Basic Image Classification with TensorFlow	4
Abhigna Nadupalli	2021-10-05T08:53:29.836Z	Web Application Technologies and Django	1
Achala.M	2021-10-05T08:53:39.306Z		1
Padmaja C	2023-07-14T17:37:20.762Z	Create Your First Python Program From UST	1
Afifa	2021-10-05T08:54:06.665Z	Create and Design Digital Products using Canva,Engineering Project Management: Scope, Time and Cost Management	2
Aishwarya Mundrati	2021-10-05T08:53:26.039Z	Introduction to the Internet of Things and Embedded Systems,An Introduction to Programming the Internet of Things (IOT)	1
Akhila.A.R	2021-11-25T06:00:32.207Z	Preparing to Manage Human Resources,Human Resource Management: HR for People Managers	1
Aswitha sammeta	2023-01-30T16:59:01.503Z	Creating a Budget with Microsoft Excel,Command Line in Linux,Introduction to Microsoft Excel,AWS S3 Basics,Introduction to Bash Shell Scripting	5
D.Akhila	2021-10-05T08:53:48.900Z	Programming for Everybody (Getting Started with Python)	1

Akshara Reddy	2021-10-05T08:54:08.393Z	Build a Data Science Web App with Streamlit and Python,Introduction to Artificial Intelligence (AI),Create a Superhero Name Generator with TensorFlow,Introduction to Discrete Mathematics for Computer Science	3
Akshitha shesham	2023-01-26T08:37:34.368Z	Azure Synapse SQL Pool - Implement Polybase	1
Akshitha Bandari	2021-10-05T08:53:46.422Z	HTML, CSS, and Javascript for Web Developers	1
Alekhya Pathak	2021-10-05T08:53:51.655Z	IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	1
Leela	2021-10-05T08:53:32.371Z	Web Application Technologies and Django	1
Amrutha Sai.E	2021-12-13T12:00:56.861Z	Deep Learning with PyTorch : Image Segmentation ,Technical Support Fundamentals,Create a Profile and Network on LinkedIn	3
Amulya Dasari	2021-10-05T08:53:42.377Z	Business Analytics for Decision Making	1
Amulya Gajjela	2021-10-05T08:54:03.324Z	HTML, CSS, and Javascript for Web Developers	1
Kavyareddy	2023-01-27T22:32:37.160Z	Build your first Machine Learning Pipeline using Dataiku	2
Potu Bhargavi	2022-08-23T14:00:27.897Z	Modern JavaScript: ES6 Basics	1
K.MANASVI RAO	2022-08-03T15:26:55.403Z	Business Analysis & Process Management	1
G.Anoohya	2021-10-05T08:53:32.553Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Anusha Dokka	2021-10-05T08:53:46.734Z	Build a Full Website using WordPress,Full-Stack Web Development with React	2
A. Anusha Reddy	2021-10-05T08:53:40.566Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Arpita Bejugam	2021-10-05T08:54:07.822Z	Foundations: Data, Data, Everywhere,Google Data Analytics,Data Science	1
Arukala Sahithi	2023-06-19T10:12:12.264Z	Modern JavaScript: ES6 Basics	1
V.BHUVANANI	2021-10-05T08:53:51.642Z	Programming Foundations with JavaScript, HTML and CSS	1

V. Tejitha	2022-04-08T07:42:02.503Z	Create Your First Python Program From UST	2
S.Vidya	2021-10-05T08:53:26.586Z	Digital Systems: From Logic Gates to Processors	1
Ayesha Fatima	2021-10-05T08:53:50.894Z	Business Model Canvas: A Tool for Entrepreneurs and Innovators (Project-Centered Course)	1
Ayushi Verma	2021-10-05T08:53:54.322Z	Foundations: Data, Data, Everywhere,Create a Financial Statement using Microsoft Excel,Investment Risk Management,Google Data Analytics	3
Chareeshma yerrabathina	2022-03-31T05:27:26.789Z	Fine Tune BERT for Text Classification with TensorFlow,Deep Learning with PyTorch : Neural Style Transfer,Deep Learning with PyTorch : Generative Adversarial Network	3
B.Abhinaya	2021-10-05T08:53:51.973Z	JavaScript Basics,Google Project Management:,JavaScript for Beginners	1
Bandi Vidya Sree	2021-10-05T08:53:56.251Z	Crash Course on Python,Google IT Automation with Python,Android App Development	1
Nunna Bharathi Sri Divya	2023-07-07T10:18:57.361Z	Create a Financial Statement using Microsoft Excel	1
Bhargavi Chinthala	2021-10-05T08:53:24.755Z	Troubleshooting and Debugging Techniques	1
Kalyani Bhargavi	2021-10-05T08:53:35.644Z	Tweet Emotion Recognition with TensorFlow	1
Naha babu	2022-03-31T05:24:13.170Z	Deep Learning with PyTorch : Image Segmentation ,AWS S3 Basics	2
G Bhavya Sree	2022-03-31T05:15:56.586Z	Custom Prediction Routine on Google AI Platform,Azure: create a REST API using NodeJS Serverless Functions,AWS S3 Basics	3
Kallem Bhuvaneshwari Reddy	2021-10-05T08:53:45.710Z	Cybersecurity and the Internet of Things	1
P Buchibabu	2021-10-05T08:53:37.146Z	Introduction to FPGA Design for Embedded Systems,Algorithms for Battery Management Systems,FPGA Design for Embedded Systems	1
R.V.SUMANA	2022-03-26T13:00:07.475Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1

Ch Swathi	2021-10-05T08:53:57.017Z	Python Functions, Files, and Dictionaries,Preparing for Google Cloud Certification: Cloud Architect,Python 3 Programming	1
Ch Swathi	2021-10-05T08:54:04.057Z	Cybersecurity Roles, Processes & Operating System Security	1
Chakilam Naina	2021-10-05T08:53:51.106Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
Challa sai charitha	2021-10-05T08:53:41.445Z	Java for Android,Build a Data Science Web App with Streamlit and Python,Introduction to Basic Game Development using Scratch,Django for Everybody	5
Abhigna	2022-03-08T07:02:50.660Z	Crash Course on Python,Google IT Automation with Python	1
18251A05C2 ARCOT SUPRIYA	2022-03-07T04:46:21.029Z	Introduction to Data Analytics for Business,Advanced Business Analytics	1
Chekuri sai sri keerthana	2021-10-05T08:53:37.817Z	Internet of Things: How did we get here?,Google IT Support	1
Ch Akila	2021-10-05T08:53:39.303Z	Creative Writing: The Craft of Plot,Creative Writing	1
Ch.Tejaswini	2021-10-05T08:53:36.637Z	Django Features and Libraries,Data Structures and Algorithms	1
Chinnala Anusha	2021-10-05T08:54:04.174Z	Build a mobile app with Google Sheets on Glide and no coding	1
Siri chandana.A	2021-10-05T08:53:46.143Z	VLSI CAD Part I: Logic	1
D.Aparna	2021-10-05T08:53:39.195Z	Java for Android,Android App Development	1
M.Darpana Reddy	2021-10-11T04:40:46.620Z	Social Psychology	1
Ravula Deeksha	2021-10-05T08:54:02.365Z	Crea diseÃ±os y prototipos de alta fidelidad en Figma,Introduction to HTML5,Build a Full Website using WordPress,Web Design for Everybody: Basics of Web Development & Coding	4
Deekshitha Matam	2021-10-05T08:53:51.473Z	Introduction to Data Analytics for Business	1
Deekshitha	2021-10-05T08:53:49.448Z	Machine Learning Pipelines with Azure ML Studio,Google Data Studio - CrÃ©ation de Tableaux de Bords Interactifs,HTML, CSS, and Javascript for Web Developers	3

GAJJELA SRI DEEPTHI	2022-11-07T18:39:58.457Z	Introduction to Microsoft Excel	1
DHANNARAM SHIVANI	2021-10-05T08:53:37.253Z	AI For Everyone	1
dibyadarshani patra	2021-10-05T08:53:36.498Z	Create Serverless Applications ,Microsoft Azure Developer Associate (AZ-204),Blockchain Revolution in Financial Services,Blockchain Revolution	1
Diksha Kaul	2021-10-05T08:53:41.243Z	Fundamentals of Audio and Music Engineering: Part 1 Musical Sound & Electronics	1
N Ramakrishna	2021-10-20T04:54:25.516Z	Deep Learning with PyTorch : Image Segmentation ,Creating a Budget with Microsoft Excel,Create a Simple Gantt Chart using Microsoft Excel,Custom Prediction Routine on Google AI Platform,Creating Interactive Learning Videos with Edpuzzle,Create Your First Web App with Python and Flask,Introduction to Microsoft Excel,Getting Started with Kaggle,Improving Content Mastery with Quizlet,Exploratory Data Analysis with Seaborn,Hyperparameter Tuning with Keras Tuner,Create a Profile and Network on LinkedIn,Basic Image Classification with TensorFlow,Neural Networks and Deep Learning,Overview of Data Visualization,Deep Learning	15
Dodda Vyshali	2021-10-05T08:53:53.462Z	Java Programming: Solving Problems with Software,AWS Fundamentals	1
D.Ashritha	2021-11-17T10:28:37.066Z	HTML, CSS, and Javascript for Web Developers	1
C.Saraswathi	2021-10-05T08:54:06.837Z	Excel Skills for Business: Essentials,Excel Skills for Business	1
MADHULIKA ERUKULLA	2021-10-05T08:53:45.477Z	Google Cloud Fundamentals: Core Infrastructure,Google IT Automation with Python,Preparing for Google Cloud Certification: Cloud DevOps Engineer	1
Adiraju Gayathri	2021-10-05T08:54:05.738Z	Crash Course on Python,Google IT Automation with Python,AWS Fundamentals	1
FAIZA FATIMA	2021-10-05T08:53:36.311Z	Share Data Through the Art of Visualization	1
NIMMALA HARSHITHA	2021-10-05T08:54:05.323Z	Python Basics,Python for Everybody,Python 3 Programming	1

Rucha Dhodapkar	2021-10-05T08:54:05.182Z	Build a Data Science Web App with Streamlit and Python,Create Your First Web App with Python and Flask,Foundations: Data, Data, Everywhere,Google Data Analytics	3
G.Sushma	2021-10-05T08:53:24.751Z	Machine Learning Foundations: A Case Study Approach,Digital Marketing,Machine Learning	1
G.Harika	2021-10-05T08:53:47.316Z	Open Source Software Development Methods,Open Source Software Development, Linux and Git	1
G.nikhitha	2021-10-05T08:53:37.733Z	Crash Course on Python,Google IT Automation with Python	1
Gayatri Shastri	2021-10-05T08:53:35.650Z	AWS S3 Basics,Building Scalable Java Microservices with Spring Boot and Spring Cloud	2
GBNS SUCHARITHA	2022-12-29T12:36:37.366Z	Create Your First Web App with Python and Flask,Machine Learning Pipelines with Azure ML Studio	2
Gadireddi Chaitanya Deepti	2023-02-06T07:27:40.779Z	Azure: Create a Virtual Machine and Deploy a Web Server,Machine Learning Pipelines with Azure ML Studio	2
Guda Dharani	2021-10-05T08:53:59.896Z		1
Nabeela Akhtar	2021-10-05T08:54:04.328Z	Foundations of User Experience (UX) Design,Google UX Design	1
G Hasitha	2021-10-05T08:53:27.316Z	Convolutional Neural Networks,Graphic Design	1
G.Lakshmi Tejaswy	2022-05-16T17:25:38.029Z	5 Ways to Build a Better LinkedIn Profile,Utilize LinkedIn for Career Search,Preparation for Job Interviews,Accomplishment STAR Techniques for Job Interviews,Create a Profile and Network on LinkedIn,Modern JavaScript: ES6 Basics	6
Chetkuri Gouthami	2021-10-05T08:53:32.723Z	Programming for Everybody (Getting Started with Python)	1
Didla Grace meghna	2023-01-04T06:10:58.650Z	Build a Data Science Web App with Streamlit and Python	2
G Sumitra Priyamvada	2021-10-05T08:54:06.183Z	Financial Markets	1
G.Rajini	2021-10-05T08:53:56.617Z	Algorithmic Toolbox,Data Structures and Algorithms	1

Chindam Hari Prasad	2021-10-05T08:53:48.376Z	Crash Course on Python,Google IT Automation with Python	1
Harika Endrala	2021-10-05T08:53:54.063Z	Spring MVC, Spring Boot and Rest Controllers	1
Kolipaka Harikha	2021-10-05T08:53:51.442Z	Machine Learning Foundations: A Case Study Approach	1
Ala Harini	2021-10-05T08:53:36.061Z	The Data Scientistâ€™s Toolbox,Data Science	1
Sowgnadhika reddy	2021-10-05T08:54:04.217Z	Machine Learning Pipelines with Azure ML Studio,Introduction to Data Science in Python,How to create a Jira SCRUM project,Applied Data Science with Python,Machine Learning	3
V N S SRIHARSHITHA P	2021-10-05T08:54:03.460Z	Cybersecurity Roles, Processes & Operating System Security	1
Harshitha	2021-10-05T08:53:34.383Z	Convolutional Neural Networks	1
Lethakula Himaaditi	2021-10-05T08:53:39.694Z	Web Application Technologies and Django,Azure: create a REST API using NodeJS Serverless Functions,Create Your First Web App with Python and Flask,Django for Everybody	3
Akkinapalli Jahnavi	2021-10-05T08:54:03.744Z	Python Data Structures	1
G.Janvitha Reddy	2021-10-05T08:53:29.592Z	#talkmentalillness	1
Jayasree Kokkonda	2021-10-05T08:53:37.380Z	Advanced Data Structures in Java	1
Jeedipally vaishnavi	2021-10-05T08:54:05.230Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
T.Jyothi	2021-10-05T08:53:47.276Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
K.Divya Murthy	2021-10-05T08:54:07.396Z	English for Career Development,Google Data Analytics	1
M.Abhigna	2021-10-05T08:54:03.801Z	Introduction to Marketing,Business Foundations	1
Shivakumar Kagi	2021-10-05T08:53:28.037Z	Crash Course on Python,Google IT Automation with Python,Google Data Analytics	1

kaja Niharika	2021-10-05T08:54:00.429Z	Mastering Programming with MATLAB	1
P.SADHVI REDDY	2021-10-05T08:54:02.875Z	Principles of Public Relations	1
KADARI KAMANEEYA	2021-10-05T08:53:54.364Z	AWS Cloud Technical Essentials,Django for Everybody,AWS Fundamentals	1
K.MALAVIKA	2021-10-05T08:53:59.330Z	Learning How to Learn: Powerful mental tools to help you master tough courses	1
Sheshagiri	2021-10-05T08:53:27.426Z	Excel Fundamentals for Data Analysis,Excel Skills for Data Analytics and Visualization	1
Chandra Shaker Arrabotu	2021-10-05T08:54:01.431Z	Big Data Emerging Technologies,Emerging Technologies: From Smartphones to IoT to Big Data,Blockchain	1
KALA MEHAK JAIN	2021-10-05T08:54:00.875Z	AI For Everyone,Linear Regression with NumPy and Python	2
K.Kavya	2021-10-05T08:53:35.495Z	Songwriting: Writing the Lyrics,Songwriting: Writing, Arranging, and Producing Music	1
Keerthana Adavelli	2021-10-05T08:53:58.184Z	Introduction to Psychology ,Data Science	1
Keerthana Racharla	2021-10-05T08:53:45.738Z	Create and Design Digital Products using Canva,Foundations: Data, Data, Everywhere,Building a Business Presence With Facebook Marketing,Build a Full Website using WordPress,Google IT Automation with Python,Google Data Analytics	5
Poojasree Keerthipati	2021-10-05T08:53:35.563Z	Foundations: Data, Data, Everywhere	1
UBL KEERTHANA	2021-10-05T08:53:59.723Z	Foundations of Project Management,Google Project Management:,Google Data Analytics	1
B. Jaya Naga Keerthi Singh	2021-10-05T08:53:30.943Z	Enhancing Communication with Remind,Learning How to Learn: Powerful mental tools to help you master tough courses	2
Somepally Srikeerthi	2021-10-05T08:53:37.433Z	Programming for Everybody (Getting Started with Python),Introductory C Programming	1
Keshav Kumar kampe	2021-10-05T08:53:46.955Z	e-Learning Ecologies: Innovative Approaches to Teaching and Learning for the Digital Age,MATLAB Programming for Engineers and Scientists	1

Afshan khan	2021-10-05T08:53:49.730Z	Data Science for Business Innovation	1
G Kiranmai	2021-10-05T08:54:06.682Z	Programming for Everybody (Getting Started with Python),Modern JavaScript: ES6 Basics,Python for Everybody	2
k.Amulya	2021-10-05T08:53:32.835Z	Introduction to Machine Learning,Data Structures and Algorithms	1
V.SREE SOUMYA	2021-10-05T08:53:57.478Z	Foundations: Data, Data, Everywhere,Machine Learning Pipelines with Azure ML Studio,Google Data Analytics	2
Pranathi	2021-10-05T08:54:05.940Z	Real-Time Embedded Systems Concepts and Practices,Data Encryption using AWS KMS From UST,Exploratory Data Analysis with Seaborn,Create PDF Balance Report using HTML, Excel & Power Automate	4
Kalwa Pujitha	2021-10-05T08:53:37.845Z	Introduction to HTML5,Web Design for Everybody: Basics of Web Development & Coding	1
Sai Priya Kamuni	2022-08-22T17:45:38.763Z	Create Your First Python Program From UST	1
Lethakula Kshama Aditi	2021-10-05T08:53:30.525Z	AWS Cloud Technical Essentials,AWS Fundamentals	1
K.Shravani	2021-10-05T08:53:54.670Z	Algorithmic Toolbox	1
Meghana kakkireni	2021-10-05T08:54:05.733Z	Excel Skills for Business: Essentials,Excel Skills for Business	1
N.Kusuma	2022-11-21T14:15:44.477Z	Introduction to Microsoft Excel	1
N Kusuma sai	2021-10-05T08:53:54.176Z	Java Basics: Selection and Iteration,Learn to Job Search with Indeed,Programming in Java: A Hands-on Introduction	2
Lakka Ramya sri	2021-10-05T08:53:36.058Z	Neural Networks and Deep Learning,Deep Learning	1
L.Tejaswini	2021-10-05T08:54:07.221Z	Java Programming: Arrays, Lists, and Structured Data	1
P Sreesudha	2021-10-05T08:53:57.026Z	Deep Learning with PyTorch : Image Segmentation ,Create Your First Web App with Python and Flask,Machine Learning Pipelines with Azure ML Studio,Mathematics for Computer Science	4
ADIRAJU LALITHA	2021-10-05T08:53:52.281Z	Neural Networks and Deep Learning,Applied Data Science with Python	1

D.Pavani	2021-10-05T08:53:55.067Z	Applied Machine Learning in Python	1
CH Leela Krishna	2021-10-05T08:53:31.429Z	Data Science Math Skills	1
K.Likhitha	2021-10-05T08:53:38.510Z	Data Science Math Skills,Linear Regression with NumPy and Python,Advanced Machine Learning	2
B.Madhuri	2021-10-05T08:53:38.279Z	Algorithmic Toolbox	1
Madhuri Latha	2021-10-05T08:53:37.882Z	Foundations of Project Management,Google Project Management:	1
Divya	2021-10-05T08:53:45.283Z	Software Processes and Agile Practices,Software Design and Architecture	1
Parankusam Sai Manasi	2021-10-05T08:53:40.952Z	Ideas from the History of Graphic Design	1
D.sri vennela	2021-10-05T08:53:54.962Z	Algorithmic Toolbox,Marketing Strategy	1
Mansavi Rao	2021-10-05T08:53:53.727Z	Algorithmic Toolbox	1
AKULA MANASWINI	2021-10-05T08:53:50.106Z	Java Programming: Solving Problems with Software	1
M.Akshitha	2022-03-28T16:29:58.152Z	Classical Sociological Theory	1
M.POOJA REDDY	2021-10-05T08:54:01.601Z	Google Ads for Beginners,Neural Networks and Deep Learning,Deep Learning	2
Manushna Bandari	2021-10-05T08:53:26.922Z	Introduction to Structured Query Language (SQL)	1
Mariya Fatima	2021-10-05T08:53:26.556Z	Introduction to Cybersecurity Tools & Cyber Attacks	1
Himaja Marla	2021-12-29T15:15:45.543Z	Introduction to HTML5	1
M.Sanjana	2021-10-05T08:53:58.552Z	Introduction to Cybersecurity Tools & Cyber Attacks	1
Volam meenakshi	2021-10-05T08:53:45.528Z	AI For Everyone,Database Operations in MariaDB Using Python From Infosys,Python for Everybody	2
G.Meghana	2021-10-05T08:53:52.334Z	Java Programming: Solving Problems with Software	1
MEGAVATH KEERTHI	2021-12-08T19:33:32.394Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1

Pogula Meghana Reddy	2021-10-05T08:53:34.900Z	Mathematics for Machine Learning: Linear Algebra,Digital Marketing Strategy and Planning,Mathematics for Machine Learning	1
Swathi Mengji	2023-05-23T17:29:30.303Z	Data Visualization using Plotly,Analyze Website Visitors with Google Analytics Segments,Introduction to Data Analysis using Microsoft Excel	3
M.Keerthana	2021-10-05T08:53:25.554Z	Web Application Technologies and Django,Data Science Fundamentals	1
Mohini Awadhiya	2021-10-05T08:53:49.665Z	Algorithmic Toolbox	1
Monalisa Chowdary	2021-10-05T08:53:51.135Z	Introduction to Business Analysis Using Spreadsheets: Basics,The Data Scientistâ€™s Toolbox,Overview of Data Visualization,Data Science: Foundations using R	3
B. Monica	2022-04-12T16:09:57.769Z	Create Your First Python Program From UST	1
Mounika Pamarti	2021-10-05T08:53:58.008Z	Using Python to Access Web Data	1
M.Gayathri	2021-10-05T08:53:55.003Z	Speak English Professionally: In Person, Online & On the Phone	1
N Haritha	2021-10-05T08:53:54.962Z	Foundations of User Experience (UX) Design,Google UX Design	1
RAYUDU SUSHMA	2021-10-05T08:53:53.106Z	Preparation for Job Interviews,Create a Profile and Network on LinkedIn,HTML, CSS, and Javascript for Web Developers	4
Sk.Najish Jaha	2022-07-09T11:38:09.742Z	Create a Website Using Wordpress : Free Hosting & Sub-domain,Create Your First Web App with Python and Flask,Build a Full Website using WordPress	3
B.Nalandeshwari	2021-10-05T08:53:59.492Z	Crash Course on Python,Access an EC2 instance shell from the AWS console	2
Nanda Devi	2021-10-05T08:53:29.828Z	C for Everyone: Programming Fundamentals,Coding for Everyone: C and C++	1
Sree Bhavani	2021-10-05T08:53:25.881Z	Java Programming: Solving Problems with Software,Object Oriented Programming in Java	1

D. Naveena kumari	2021-10-05T08:54:03 .807Z	English for Career Development,Create a Website Using Wordpress : Free Hosting & Sub-domain,Introduction to Microsoft Excel,Machine Learning Pipelines with Azure ML Studio,Preparation for Job Interviews,Google Ads for Beginners	8
NUNE CHANDRA KUMARI	2021-10-05T08:53:40 .879Z	Crash Course on Python,Create Your UX portfolio with Crevado,Tweet Emotion Recognition with TensorFlow,AWS S3 Basics,Google IT Automation with Python	4
Nida Talveen	2021-10-05T08:53:52 .803Z	Foundations of User Experience (UX) Design,Google UX Design	1
Siva Prasad Padilam	2021-10-05T08:53:52 .610Z	Programming for Everybody (Getting Started with Python)	1
N.Ramakrishna	2021-10-05T08:53:51 .052Z	Deep Learning with PyTorch : Image Segmentation ,Create a Resume and Cover Letter with Google Docs,AI For Everyone,Build a Data Science Web App with Streamlit and Python,Introduction to Microsoft Excel, Create a Budget with Google Sheets,Visualizing Filters of a CNN using TensorFlow,Machine Learning Pipelines with Azure ML Studio,Google IT Automation with Python	8
Parkhi Niharika	2021-10-05T08:53:43 .686Z	Introduction to Big Data,Big Data,Full-Stack Web Development with React	1
V.Niharika	2021-10-05T08:53:40 .102Z	Blockchain Basics,Introductory C Programming,Blockchain	1
Gaddam Nikhitha	2021-10-05T08:53:30.609Z		1
S.Nikhitha	2023-07-07T10:17:04 .070Z	Introduction to Microsoft Excel	1
Nikitha Katta	2022-11-06T00:13:33 .774Z	TypeScript Arrays	1
R. Nikitha	2021-10-05T08:53:32 .464Z	TOEFL Reading and Listening Sections Skills Mastery	1
N.Nikitha	2021-10-05T08:53:31 .493Z	Introduction to Python Programming,Introduction to Programming with Python and Java	1
P. Praisy Sharon	2021-10-05T08:53:50 .768Z	Foundations: Data, Data, Everywhere,Google Data Analytics,Machine Learning	1
PULLAMOLLA NITHYA	2021-10-05T08:53:33 .509Z	AI For Everyone,AWS S3 Basics	2

p mamta	2021-12-16T07:37:55.833Z	Open Source Software Development Methods,Open Source Software Development, Linux and Git	1
R.Ruchitha	2021-10-05T08:53:50.344Z	Programming for Everybody (Getting Started with Python)	1
PAKA JAYAMADHURI	2021-10-05T08:53:32.213Z	Web Application Technologies and Django	1
P Alekhya	2021-10-05T08:53:39.019Z	Java for Android,Android App Development	1
Gorla Kaveri	2021-10-05T08:53:49.938Z	Use Canva to Create Desktop and Mobile-friendly Web Pages.,Foundations: Data, Data, Everywhere,Google IT Automation with Python,Google Data Analytics	2
Siddam Pavani	2021-10-05T08:53:35.278Z	Google Cloud Fundamentals: Core Infrastructure	1
Pavitra	2021-10-05T08:53:50.618Z	Search Engine Optimization (SEO) with Squarespace ,Crash Course on Python,Azure Synapse SQL Pool - Implement Polybase,Using Basic Formulas and Functions in Microsoft Excel,Data Visualization using Plotly,Introduction to Business Analysis Using Spreadsheets: Basics,Build a Data Science Web App with Streamlit and Python,Database Operations in MariaDB Using Python From Infosys,Create Your First Web App with Python and Flask,Introduction to Microsoft Excel,Regular Expressions in Python,Finding, Sorting, & Filtering Data in Microsoft Excel,Create a Financial Statement using Microsoft Excel,Introduction to Data Analysis using Microsoft Excel,Overview of Data Visualization,Google Data Analytics	15
P Sushmitha	2021-10-05T08:53:48.094Z	Introduction to Data Analytics for Business,Learn Spanish: Basic Spanish Vocabulary	1
L. Swetha Srilakshmi	2021-10-05T08:53:49.154Z	Neural Networks and Deep Learning,Deep Learning	1
vennela	2021-10-05T08:53:49.012Z	Introduction to Augmented Reality and ARCore,Introductory C Programming	1
Pranavi Pulivarthi	2021-10-05T08:53:45.246Z	Salesforce Basics,Salesforce Fundamentals	1
K.Prasanna Durga	2021-10-05T08:53:46.520Z	Crash Course on Python,Introductory C Programming	1

Pratyusha Cheepu	2021-10-05T08:53:32.322Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
K.Prathyusha	2021-10-05T08:53:34.632Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Pravalika Manugu	2021-10-05T08:54:03.631Z	How To Visualize Your Data Using Microsoft Powerpoint,Create Charts and Dashboards Using Microsoft Excel,Excel Skills for Business: Essentials,Python for Everybody	3
Pravalika Poladi	2021-10-05T08:54:06.093Z	Blockchain Basics,Blockchain	1
Katkoori Preethi Reddy	2021-10-05T08:53:42.121Z	Build a mobile app with Google Sheets on Glide and no coding	1
peddapuram Priya	2021-10-05T08:53:25.777Z	Writing, Running, and Fixing Code in C	1
K Priyanka	2021-10-05T08:53:47.158Z	HTML, CSS, and Javascript for Web Developers	1
P.Sri Varshika	2021-10-05T08:53:57.146Z	AI For Everyone,Build a mobile app with Google Sheets on Glide and no coding	2
Nalla Pujitha Bala	2021-10-05T08:53:46.316Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Pulikallu Jahnavi	2021-10-05T08:53:31.286Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
Puli.Shilpa	2021-10-05T08:53:42.255Z	Programming for Everybody (Getting Started with Python)	1
Puli Vidyavathi	2021-10-05T08:53:50.214Z	Practical Machine Learning,Introduction to Data Analysis using Microsoft Excel,Full-Stack Web Development with React	2
N. Radha kalyani	2021-10-05T08:54:08.230Z	Using Python to Interact with the Operating System	1
Katta Rajashri	2021-10-05T08:53:46.958Z	Developing An Entrepreneurial Mindset: First Step Towards Success ,How to Start Your Own Business	1
Rajoli Krithika Reddy	2021-10-05T08:53:34.264Z	Object Oriented Programming in Java	1
PERURU ANANYA	2021-10-05T08:53:47.839Z	Create Your First Python Program From UST,Foundations of Project Management,Compose and Program Music in Python using Earsketch,Preparation for Job Interviews,Basic Image Classification with TensorFlow,Google Project Management:	5

Nakshatra.J	2021-10-05T08:53:53.796Z	Foundations: Data, Data, Everywhere,Generative Adversarial Networks (GANs),Google Data Analytics	1
M.Akhila	2021-10-05T08:53:47.677Z	AI For Everyone,Introduction to Basic Game Development using Scratch	2
Uttara.Nanduri	2021-10-05T08:53:47.594Z	Crash Course on Python,Preparation for Job Interviews,Google IT Automation with Python	2
R.Navya	2023-08-17T09:38:11.340Z	Learn to Job Search with Indeed	1
R.RAMYA	2021-10-05T08:53:47.551Z	Foundations of Project Management,Google Project Management:	1
Bandaru bhavana	2021-10-05T08:53:42.554Z	Mathematics for Machine Learning: Linear Algebra,Introduction to Business Analysis Using Spreadsheets: Basics,Tesla Stock Price Prediction using Facebook Prophet	3
Harsha Sree Reddy	2021-10-20T15:40:50.470Z	Programming for Everybody (Getting Started with Python)	1
Pallavi reddy	2021-10-05T08:54:02.207Z	Natural Language Processing with Classification and Vector Spaces	1
Pulledula Divya Rani	2021-10-05T08:53:41.488Z	Crash Course on Python,Google IT Automation with Python	1
Rishitha Chakirala	2021-10-05T08:53:47.740Z	Full-Stack Web Development with React	1
Gunti Rohitha	2021-10-05T08:53:57.876Z	Web Application Technologies and Django,Applied Data Science with Python	1
Rohitha Avvaru	2021-10-05T08:53:39.439Z	Crash Course on Python,Google IT Automation with Python,Excel Skills for Business	1
V Badri Rama Krishnan	2021-10-05T08:53:39.848Z	Neural Networks and Deep Learning	1
Anjali Reddy	2021-10-05T08:53:37.233Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
R. Rukmini Reddy	2021-10-05T08:53:39.940Z	Programming for Everybody (Getting Started with Python),Emerging Technologies: From Smartphones to IoT to Big Data	1
Raksha Naravi Pai	2021-10-05T08:53:36.716Z	Tweet Emotion Recognition with TensorFlow,AWS S3 Basics,Introduction to Data Analysis using Microsoft Excel,Work Smarter with Microsoft Excel	4

M.Sadvika	2022-07-09T13:51:43 .800Z	Machine Learning Pipelines with Azure ML Studio	1
Lalana Palwaye	2021-10-05T08:53:52 .059Z	VLSI CAD Part II: Layout	1
Jayavani	2021-10-05T08:53:26 .381Z	Neural Networks and Deep Learning	1
Sai Preethi Polu	2021-10-05T08:54:03 .586Z	Data Structures	1
P.Saisree	2022-01-17T11:01:16 .383Z	Java Programming: Solving Problems with Software,Object Oriented Programming in Java	1
Saisri Mukka	2021-10-05T08:53:37 .642Z	Database Management Essentials,Data Warehousing for Business Intelligence	1
T.Saisri	2021-10-05T08:53:30 .037Z	Introduction to Java and Object-Oriented Programming,Google IT Automation with Python	1
G.Samanvitha	2021-10-05T08:54:06 .898Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
S. Tejaswi	2021-10-05T08:53:33 .955Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
J sarasija sharma	2021-10-05T08:53:36 .019Z	Technical Support Fundamentals,Custom Prediction Routine on Google AI Platform,Google IT Support	3
Geetha Krishna Guruju	2021-10-05T08:53:35 .699Z	Deep Learning with PyTorch : Image Segmentation ,AI For Everyone,Basic Image Classification with TensorFlow	3
Sowkhya Bovindala	2021-10-05T08:53:34.327Z		1
Sasirekha	2021-10-05T08:54:04 .715Z	Fundamentals of Graphic Design	1
Satyasree Gabbita	2021-10-05T08:53:38 .002Z	AWS Cloud Practitioner Essentials,Python for Everybody	1
SAUMYA GORANTALA	2021-10-05T08:53:38 .674Z	HTML, CSS, and Javascript for Web Developers,Google Data Analytics	1
Shaista Firdouse	2021-10-05T08:53:47 .258Z	Programming for Everybody (Getting Started with Python),Machine Learning Pipelines with Azure ML Studio,Python for Everybody	2
M.Shalini Reddy	2021-10-26T04:22:54 .867Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1

T Sharadi	2021-10-05T08:53:49.048Z	Crash Course on Python,Google IT Automation with Python	1
Fathima Sumreen	2021-10-05T08:53:33.596Z	Introduction to Business Analysis Using Spreadsheets: Basics,Business Analysis & Process Management,Introduction to Data Analytics for Business,Tesla Stock Price Prediction using Facebook Prophet,Google Data Analytics	5
G.Sharanya	2021-10-05T08:53:27.406Z	Using Python to Interact with the Operating System,Python for Everybody	1
Sharanya manusani	2021-10-05T08:53:51.246Z	Data Analysis Using Python,Java Programming and Software Engineering Fundamentals	1
M Durga Neha Chandana	2021-10-05T08:53:33.224Z	Create and Design Digital Products using Canva,Create a Website Using Wordpress : Free Hosting & Sub-domain,Business Analysis & Process Management,Foundations of Project Management,How to Optimize Your Instagram Account ,Machine Learning Pipelines with Azure ML Studio,Build a Full Website using WordPress,Introduction to Basic Game Development using Scratch,Build a mobile app with Google Sheets on Glide and no coding,Google IT Support,Google Project Management:	9
Sheela sangeetha	2021-10-05T08:53:58.583Z	Python Data Structures	1
Shelcy	2021-10-29T15:58:56.812Z	Google Cloud Fundamentals: Core Infrastructure,Working with BigQuery,Preparing for Google Cloud Certification: Cloud Network Engineer	2
Bandela Shirlene Rose	2021-10-05T08:54:00.680Z	Internet of Things: How did we get here?	1
Kanakam Vyshnavi	2021-10-05T08:53:53.716Z	Crash Course on Python,Python for Everybody	1
Shivani Eslavath	2021-10-05T08:54:01.138Z	Fundamentals of Project Planning and Management	1
Kanchanapalli Shloka	2021-10-05T08:53:41.301Z	Google Cloud Fundamentals: Core Infrastructure,Networking in Google Cloud	1
vennamaneni shreshta	2021-10-05T08:53:30.385Z	Python Functions, Files, and Dictionaries	1
Saniya Fatima	2021-10-05T08:53:33.154Z	Ask Questions to Make Data-Driven Decisions	1

Shreya Valgot	2021-10-17T11:44:47.346Z	Algorithmic Toolbox	1
G.Shreya	2021-10-05T08:53:42.783Z		1
Nagulapelli Shreya	2021-10-05T08:53:46.999Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
S.Shreya Reddy	2021-10-05T08:53:32.892Z	AI For Everyone	1
Sindhuja Kondreddy	2021-10-05T08:53:28.447Z	Create a Profile and Network on LinkedIn	1
G.Sai Sindhuja	2021-11-21T15:48:44.500Z	Foundations: Data, Data, Everywhere	1
S.lekhana chowdary	2021-10-05T08:53:57.425Z	Exploratory Data Analysis with Seaborn,Machine Learning for All,Web Design for Everybody: Basics of Web Development & Coding	2
Sirisilla Prathyusha	2022-01-15T09:44:59.220Z	Introduction to Embedded Systems Software and Development Environments	1
SIRI MANDADI	2021-10-05T08:53:25.708Z	Crash Course on Python,Google IT Automation with Python	1
K. Sitamanasvi	2021-10-05T08:53:44.585Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
Roshini.N	2021-10-05T08:53:31.730Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
Smitha mahindrakar	2021-10-05T08:53:39.681Z	Crash Course on Python,Introduction to Microsoft Excel,Google IT Automation with Python	2
Sonakshi Dwaraka	2022-01-15T10:15:28.546Z	Firm Level Economics: Markets and Allocations	1
Harshitha Boddu	2022-03-31T05:26:20.138Z	Introduction to Data Analysis using Microsoft Excel	1
Sony	2021-10-05T08:54:00.516Z	Python Basics: Selection and Iteration,Programming in Python: A Hands-on Introduction	1
surineni soumitha	2021-10-05T08:54:06.675Z	Blockchain Basics,Introductory C Programming,Blockchain	1
D.Sowjanya	2021-10-05T08:53:42.437Z	Capstone: Retrieving, Processing, and Visualizing Data with Python,Python for Everybody	1
Himani Gugulotu	2021-10-05T08:53:31.021Z	Firm Level Economics: Consumer and Producer Behavior,Managerial Economics and Business Analysis	1

Seetha Sowmya	2022-02-21T15:18:35.648Z	English for Career Development	1
S. Spanddhana	2021-10-05T08:53:46.333Z	First Step Korean	1
T. Spoorthi Reddy	2021-10-05T08:53:46.229Z	Data Structures	1
Kothinti Shravani Lakshmi	2021-10-05T08:54:01.407Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
A.Sravani Reddy	2021-10-05T08:53:49.456Z	Algorithmic Toolbox,Data Structures and Algorithms	1
Sravya Patnaik	2023-03-01T09:02:52.217Z	Improve your productivity and performance with Canva	1
A.Sravya	2021-10-05T08:53:40.347Z	Business Analytics for Decision Making	1
B.Animisha	2021-10-05T08:53:30.749Z	An Introduction to Consumer Neuroscience & Neuromarketing	1
Returi Nehata Sreeya	2021-10-05T08:53:55.914Z	Mathematics for Machine Learning: Linear Algebra	1
Thigireddy Sri Bhavani	2021-10-05T08:54:02.704Z	HTML, CSS, and Javascript for Web Developers	1
M. Sridevi	2021-10-05T08:53:35.450Z	Python Basics	1
D. S. Naga yasaswini	2021-10-05T08:53:35.587Z	Algorithmic Toolbox	1
P.Srinidhi	2021-10-05T08:54:01.196Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Srinidhi Yerabati	2022-05-11T16:39:53.860Z	Building a Text-Based Bank in Java,Get started with Jira,Preparation for Job Interviews	3
Challa sri nikitha	2021-10-05T08:53:31.879Z	Introduction to Machine Learning	1
N Srinivas Naidu	2021-10-05T08:53:30.585Z	Introduction to TCP/IP,Introduction to Bash Shell Scripting	2
Sri pujitha	2021-10-05T08:54:02.317Z	Business Analysis & Process Management,Python Data Structures	2
kistareddy gari Sreelatha	2021-10-05T08:53:56.643Z	Python Data Analysis	1
Srishti Mathur	2021-10-05T08:53:44.560Z	Foundations of Project Management,Google Project Management:	1

Sri Vaishnavi Aekkati	2021-10-05T08:53:33.069Z	Introduction to Data Analytics for Business,Machine Learning	1
KADARI SAHITHYA	2021-10-05T08:53:29.732Z	Introduction to Data Analytics for Business,Machine Learning Pipelines with Azure ML Studio	2
Thiramdasu Sucharitha	2021-10-05T08:53:26.321Z	Introduction to Data Analytics for Business	1
S.sai Sudeeksha	2021-10-05T08:53:37.413Z	Write Professional Emails in English,Introduction to Microsoft Excel,Improve Your English Communication Skills	2
Ch. Sudharshan Reddy	2022-03-21T08:14:42.111Z	Introduction to the Internet of Things and Embedded Systems,An Introduction to Programming the Internet of Things (IOT)	1
Allipuram Sujatha	2021-10-05T08:54:03.343Z	Bayesian Statistics: From Concept to Data Analysis	1
KONDAM ABHINAYA	2021-10-05T08:53:28.207Z	Machine Learning Pipelines with Azure ML Studio	1
Ratlawath Sumitra	2021-10-05T08:53:43.997Z	Advanced Writing	1
S.Priyanka	2021-10-05T08:54:07.575Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
Sunnihitha .D	2021-10-05T08:53:46.942Z	Making Your First Virtual Reality Game,Introductory C Programming	2
Mulaka Supriya	2021-10-05T08:53:30.271Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
R.SHARANI	2021-10-05T08:53:27.588Z	How Google does Machine Learning,Machine Learning Pipelines with Azure ML Studio	3
Tatikonda.Sushmitha	2021-10-05T08:53:42.794Z	Linux Tools for Developers	1
N. Sushmitha	2021-10-05T08:53:28.257Z	Applied Machine Learning in Python,Python for Everybody	1
J.Swarupa	2021-10-05T08:53:39.401Z	English for Common Interactions in the Workplace: Basic Level	1
Aditi S S	2021-10-05T08:53:27.058Z	Introduction to Business Analysis Using Spreadsheets: Basics,Business Analysis & Process Management	3
Swetha	2021-10-05T08:54:00.161Z	Neural Networks and Deep Learning	1

Syeda Shifa Fatima	2021-10-05T08:53:53.835Z	Programming for Everybody (Getting Started with Python),Introduction to Microsoft Excel,Python for Everybody	2
PULI TEJASWINI REDDY	2021-10-05T08:54:00.566Z	Crash Course on Python,Google IT Automation with Python	1
DABBETI TEJASWI	2021-10-05T08:53:35.179Z	Data Structures	1
Tejaswi Goud	2023-01-06T20:10:39.274Z	Azure: create a REST API using NodeJS Serverless Functions,Machine Learning Pipelines with Azure ML Studio	2
Radhika	2021-10-05T08:53:26.880Z	Big Data: el impacto de los datos masivos en la sociedad actual,Discounted Cash Flow Modeling	2
Gayathri Thadapu	2021-10-05T08:53:25.619Z	Technical Support Fundamentals,Google IT Support	1
THUMU LOHITHA	2021-10-05T08:53:35.166Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Thumpudi N V D Mounica	2021-10-05T08:53:25.558Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
T. S. Keerthika	2021-10-05T08:53:58.912Z	Foundations: Data, Data, Everywhere,Google Data Analytics,Introduction to Discrete Mathematics for Computer Science	1
Ch.Hari Priya Trinity	2021-10-05T08:54:04.286Z	Introduction to Psychology	1
Umme Aaiman	2021-10-05T08:54:04.297Z	Programming for Everybody (Getting Started with Python),Python for Everybody,Deep Learning	1
Pulluru Sai Shreya	2021-10-05T08:53:25.813Z	Python for Everybody	1
U.Yuktha	2021-10-05T08:54:02.579Z	Cryptography	1
V.S.Pavani	2022-04-03T07:29:33.451Z	Create Your First Web App with Python and Flask	1
K.Vadhoolasa	2021-10-05T08:53:25.778Z	Financial Markets	1
Vaishnavi Narayanam	2021-10-05T08:53:32.523Z	Cybersecurity for Everyone	1
vaishnavi	2021-10-05T08:53:42.126Z	Java Programming: Arrays, Lists, and Structured Data	1

Vaishnavi Jinde	2021-10-05T08:54:05 .760Z	Intelligence Tools for the Digital Age	1
Pisupati Sai Valli Shivani	2021-10-05T08:53:49 .636Z	Foundations: Data, Data, Everywhere,Google Data Analytics	1
Lenkala Bhavani	2023-06-03T13:24:03 .258Z	Create a Profile and Network on LinkedIn	1
V. Varsha	2023-08-12T13:28:10 .600Z	Regular Expressions in Python	1
Varsha Singannagari	2021-10-05T08:53:28 .264Z	Using Python to Access Web Data,Python for Everybody	1
G.varsha	2022-07-30T15:51:35 .873Z	Compose and Program Music in Python using Earsketch	1
Arava Vedabhishikta	2021-10-05T08:53:48 .843Z	Introduction to the Internet of Things and Embedded Systems	1
Deekonda Eshwari	2021-10-05T08:53:25 .444Z	Programming for Everybody (Getting Started with Python),Python for Everybody	1
venkateswarulu	2021-10-05T08:53:43 .231Z	Advanced Data Structures in Java,Photography Basics and Beyond: From Smartphone to DSLR	1
M.vijayalakshmi	2021-10-05T08:53:59 .114Z	Neural Networks and Deep Learning,Deep Learning	1
VIPPALAPALLI VIKAS	2021-10-05T08:53:50 .324Z	Neural Networks and Deep Learning,Deep Learning	1
Vinayasree Doonuru	2021-10-05T08:53:36 .825Z	Getting Started with SAS Programming	1
Vinnela	2021-10-05T08:53:29 .193Z	Foundations: Data, Data, Everywhere,Big Data,Google Data Analytics	1
Vineela Goud	2021-10-05T08:53:30 .924Z	AI For Everyone	1
Sharon Bitla	2021-10-05T08:53:25 .429Z	Introduction to HTML5,Web Design for Everybody: Basics of Web Development & Coding	1
Nara Yamini	2021-10-05T08:53:48 .255Z	Programming Foundations with JavaScript, HTML and CSS,Java Programming and Software Engineering Fundamentals	1
P. Yashika	2021-10-05T08:53:41 .671Z	Foundations: Data, Data, Everywhere	1

9.5 Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

A. Availability of Career Guidance Facilities (2)

The Career Guidance Cell (CGC) at G. Narayanamma Institute of Technology and Science (GNITS) is a dedicated resource aimed at assisting students in navigating their career paths effectively.

Through personalized sessions, the CDC helps students assess their interests, skills, and goals, thus providing invaluable clarity on potential career objectives.

Functions and responsibilities:

- Event Organization: Plan and execute seminars, workshops, and guest lectures to expose students to diverse career opportunities.
- Information Dissemination: Keep students informed about competitive examinations, eligibility criteria, and application procedures.
- Promoting Career Fair Attendance: Encourage and guide students to participate in career fairs to explore industry opportunities.

Composition of CGC is shown in Table 9.5.1

Table 9.5.1. Composition of CGC

S. No.	Name of the Member	Position
1.	Dr. K.Ramesh Reddy, Principal	Chairman
2.	Dr. P.Sunitha Devi, Asst. Prof., CSE	Coordinator
3.	Mr.P.Sai Niranjan, Asst. Prof., EEE	Member
4.	Mr. P.Satyanarayana, Asst. Prof., ECE	Member
5.	Mr. G.Naga Babu, Asst. Prof., CSE	Member
6.	Mrs. V. Usha, Asst. Prof., IT	Member
7.	Ms. K.Pranathi, Asst. Prof., ETE	Member

List of CGC Activities is shown in Table 9.5.2.

Table 9.5.2. List of Activities under CGC

S. No.	Date	Topic	Resource Person	No. of Participants

1	10 – 08 – 2020	Awareness program on program on GATE Examination	Mr. Kranthi Kumar Course Director GATE TIME, Hyderabad	94
2	11 – 08 – 2020	Awareness program on program on GRE Examination	Mr. Siva Sankar Sr Manager Business Development, Telangana Manya Princeton Review, Hyderabad	62
Academic Year 2021-22				
1	23 – 09 – 2021 & 24 – 09 – 2021	"All About Study Abroad & GRE, IELTS Preparation”	Mr. Wajendra. T, Head – Academics, Gradeway Prep, Hyderabad.	919
2	26 – 11 – 2021	“Global Study and Career Opporunities”	Mrs. Reshmy Vijay, Director , Education Matters, Global Education & Careers Forum, Hyderabad.	631
3	10 – 12 – 2021	“ Career Guidance and Overseas Opportunities”	Ms. Usmath Fyaz, Manager, UK, Global Tree, Hyderabad.	874
4	15 – 12 – 2021	“Career Awareness Program for Electrical Engineers”	Mr. K.Madan Mohan Goud, Founder & CEO, HIEE, Hyderabad.	137

5	19 – 03 - 2022	“How to apply for Higher education in the UK and what programs are best to get jobs in the UK”	Mr. Padhyaya. Ganesh, Branch Head, SI-UK, Hyderabad	102
6	23 – 03 – 2022	"Careers in Higher Education",	Dr.Krishna Sudheer Annavajjala, Professor, HoD, MBA, KL University, Hyderabad.	196
7	12 – 04 – 2022 and 21 – 04 – 2022	"Crack IAS"	Mr. Rohith Komma, Course Director, IAS Academy, Hyderabad.	186
8	03 – 06 – 2022	“Career Guidance Program on Civil Services”	Sri Narasimha Reddy, Dy. Director, Forest College and Research Institute(FCRI), Hyderabad.	73
Academic Year 2022-23				
1	22 – 09 – 2022	“Powering your Global Education Dream”	Ms. Shilpa Bansal, Head – Academics, Gradeway Prep, Hyderabad.	742

2	03 – 03 – 2023	“Global Study and Job Opportunities”	Mr. Samiran Roy, Manager – Institutional Counselling Services, Global Education & Careers Forum, Hyderabad.	755
3	16 – 03 – 2023	“Banking Technology and a Headstart ”	1. Dr. M V N K Prasad, Associate Professor, IDRBT , Hyderabad. 2. Dr. S Rashmi Dev, AGM HR, IDRBT , Hyderabad.	748
4	11-05-2023	Career Guidance and Higher Studies	Mr. S. Manimohan Trinath, GATE/ESE Trainer, ACE Engg. Academy, Hydeabad.	762

Training & Placement Cell:

The Training & Placement Cell plays an integral role in creating the illustrious placement record of GNITS.

- ensures smooth functioning of the placement activities in the campus.
- facilitates training activities of the students and makes sure they get placed in the best companies.
- provides personal and career-oriented support to its students.
- enables the students to effectively cope-up with academics at college and for successful careers after graduation.
- provides an extensive training program of about 100 hours during the II & III Years of B Tech program to prepare the students for the recruitment process in their final year.

GNITS engages specialized trainers for conducting this training with special emphasis on experiential learning in the training process. In this regard, the Institute has adopted pedagogical practices in collaboration with industry, businesses, and counterpart institutions to provide enhanced learning opportunities to the students. The effectiveness of the training is evident from the consistent and remarkable placement record.

Campus Placements and Highest Packages

Last year, the highest offer made was more than 40 lakhs per annum including Amazon, Twilio etc.

Over the recent years, many reputed companies such as Microsoft, JPMC, Dell, Deloitte, ServiceNow, Salesforce, Bank of America, Invesco, NCR, Commvault, E&Y, Qualcomm, Persistent Systems, L&T Technology Services, Bosch, Ford, Accenture, Infosys, TCS and many other MNCs have participated in campus hiring from GNITS.

GNITS achieves the highest number of dream offers, with attractive salaries, in the Telangana and Andhra Pradesh region.

Objectives of Training and Placement Cell:

1. To Facilitate career opportunities for students by bridging the gap between academia and industry.

2. To Employ a student-centric approach to fulfil corporate expectations within the college.

3. To Diligently expand the Institute’s corporate network throughout the academic year.

4. To Enhance placement opportunities for students through proactive networking efforts.

5. To Implement an all-inclusive placement training program starting from the first semester.

6. To Integrate placement training seamlessly with mainstream studies.

7. To Focus on developing industry-ready skills and competencies among students.

Industry Interaction & Placement Committee

The Industry Interaction & Placement Committee is a statutory body and reports to the Academic Council through the Dean Concerned. Each Academic Department shall have a faculty Co-ordinator as representative. The Committee plays an instrumental role in assisting individuals to realize their dream of a promising career. It serves as a facilitator for all recruitment initiatives on campus, as well as the establishment and maintenance of the Institute’s relationships with corporates. The committee is responsible for organizing several campus corporate engagements such as Guest Lectures, Live Projects, Workshops, Case Competitions, and Pre-Placement Talks, to mention a few. Over the years the Placement Committee has successfully conducted the Summer and Final Placements and intends to further uphold the legacy of GNITS.

Functions of Industry Interaction & Placement Committee:

- Organizing Pre-Placement Seminars by Companies
- Getting the Pre-Placement Job Announcement Form (declaration) filled in by the representatives of each visiting company
- Maintaining Database of Companies and establishing strategic links for campus recruitment
- Gathering information about Job fairs and all relevant recruitment advertisements
- Coordinating with companies to learn about their recruitment procedures
- Identifying the needs and expectations of the companies to assist them in recruiting the most suitable candidates
- Organizing pre-placement training for students(Soft Skills, Dress Codes, Mock Interviews)
- Collecting feedback from employers where our students are placed
- Take feedback from industry and provide inputs for our curriculum and co-curricular activities.

Composition:

1. Principal (Chairperson).
2. Dean-Placements.
3. Training & Placement Officer (Coordinator)
4. One faculty member from each Department.
5. Two students from each branch(one from III year and one from IV year BTech.)

Meeting frequency:

The principal of the college shall draw the schedule for meeting of the Board of Studies for different departments. The meeting may be scheduled as and when necessary.

Roles & Responsibilities of committee members:

- To help the Placement Cell to maintain contacts with Alumni.
- To help the Placement Cell to organize the various processes like written test, group discussion, technical interviews, HR interviews when companies come to the campus for placement drive.
- To organize activities aimed at improving Institute – Industry – Interaction.
- To coordinate the soft skills training programmes of the respective departments.
- To intimate students well in advance about the forth coming drives and selection process.
- To guide the students for necessary preparation for the drives.
- To provide information about various careers available in this competitive world.
- To organize career development seminars and workshops.
- To invite companies to interact with students.
- To organize awareness programmes on significant areas.
- To organize guest lectures on career development by expertise of the field.
- To train the students in soft skills and personality development which are essential for employment and successful career.

Placement Training Activities are listed in Table 9.5.3.

Table 9.5.3. List of Placement Training Activities

Sl.No.	Name of the Program / Event	Resource Person	Date	Duration	Number of Participants
Academic Year 2020-21					

1	Campus Recruitment Training – Quantitative Aptitude, Logical Reasoning, Verbal,C&DS and JAVA	Mr. Mohamed Abudullah, Mr.Shasank,Mrs.Deepthi , Conduiraonline Education & Training Services, Hyderabad	10-11-2020	120 Hours	500
2	Advanced Algorithms and Data Structures training Program	Mr. Aneeq Dholakia and Mr.Devang Sharma, Edyst Training Services, Hyderabad	22-09-2020	100 Hours	234
3	Women Empowerment Program, ICT Academy- DXCT Technology – **Soft Skills**	Suchithra P.R, Robotics Engineer at TechieMan Technologies	1st April 2021 to 23rd Dec 2021	40 Hours	110
Academic Year 2021-2022					
1	Campus Recruitment Training – Quantitative Aptitude, Logical Reasoning, Verbal,C&DS and JAVA(for 3rd year students)	Mr. Mohamed Abudullah, Mr.Shasank, Mrs.Deepthi, Conduiraonline Education & Training Services, Hyderabad	10-09-2021	120 Hours	660
2	Advanced Algorithams and and Data Structures training Program(for 3rd year students)	Mr. Aneeq Dholakia and Mr.Devang Sharma, Edyst Training Services, Hyderabad	16-09-2021	100 Hours	225

3	JAVA and Data Structures (for 2nd Year CSE, CSM,CSD, CST & IT)	Ms. Swathi, Coding Ninjas, Unitech Cyber Park, Unit 007 – 008, GF, Tower A, Sector 39, Gurugram, Haryana 122003	11/25/2021	100 Hours	527
4	Basics of C, C++ and Java (for 2nd Year ECE)	Ms. Mubeena, Cantilever Labs, T-HUB Catalyst Building, IIIT Hyderabad	12/5/2021	120 Hours	198
5	C and Data Structures (for 2nd Year EEE & ETE)	Ms.Ashritha, Bytexl India Pvt Ltd., Plot 98B/ 146, Sonthalia Pearl Building, Madhapur, Hyderabad	11/25/2021	100 Hours	179
Academic Year 2022-2023					
1	Advanced Algorithms and and Data Structures training Program(for 3rd Year CSE, CSM,CSD, CST, IT & ECE Students)	Mr. Aneeq Dholakia and Mr.Devang Sharma, Edyst Training Services, Hyderabad	05-10-2022	100 Hours	220
2	Placement Preparation Program (for 3rd Year CSE, CSM,CSD, CST,IT & ECE)	Mr. Aneeq Dholakia and Mr.Devang Sharma, Edyst Training Services, Hyderabad	10-10-2022	100 Hours	470
3	Java, SQL and Aptitude (for 3rd Year EEE & ETE)	Ms.Aashritha, Technical Trainer, Byte XL India Pvt Ltd	09-11-2022	120 Hours	179

4	Java Introduction and Advanced (for 2nd year CSE, CSM,CSD, CST & IT students)	Mr. Aneeq Dholakia and Mr.Devang Sharma, Edyst Training Services, Hyderabad	09-12-2022	100 Hours	570
5	C & DS. Algorithms. Introduction to Web Technologies	Mr.Jalandhar, Technical Trainer, COIGN Consultants Ltd	05-12-2022	120 Hours	413

Placements Surge Over Three Years at GNITS

G. Narayanamma Institute of Technology and Science (GNITS) has witnessed a remarkable upsurge in placements over the past three years, reflecting its commitment to fostering career opportunities for its students.

Rising Placement Figures:

From the academic year 2020 to 2023, GNITS has seen a consistent increase in the number of students securing placements in esteemed companies. The placement data reveals a steady rise in the percentage of students placed, indicating the growing demand for GNITS graduates in the job market.

Expanding Corporate Engagement:

Furthermore, the number of companies visiting the campus for recruitment drives has shown a notable upward trend. With each passing year, GNITS has attracted an increasing number of reputed organizations seeking to hire talented individuals from various disciplines.

Surge in Median Salary Offers:

In tandem with the rise in placement numbers, there has been a substantial increase in the median salary offered to GNITS students. Employers recognize the value of GNITS graduates and are willing to offer competitive compensation packages, reflecting the caliber and skills nurtured within the institution.

Commitment to Excellence:

These positive trends in placements underscore GNITS commitment to providing quality education and holistic development opportunities to its students. The institutes focus on industry-relevant training, experiential learning, and career guidance has positioned its graduates as sought-after professionals in the competitive job market.

Looking Ahead:

As GNITS continues to strengthen its academic programs, industry collaborations, and career support services, it is poised to further enhance its placement outcomes in the coming years. The institution remains dedicated to empowering students with the skills, knowledge, and confidence needed to excel in their chosen fields and make meaningful contributions to society.

PLACEMENT STATISTICS

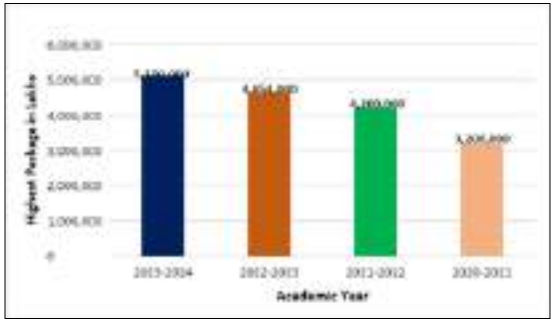


Figure 9.5.1 Highest Package in Placements

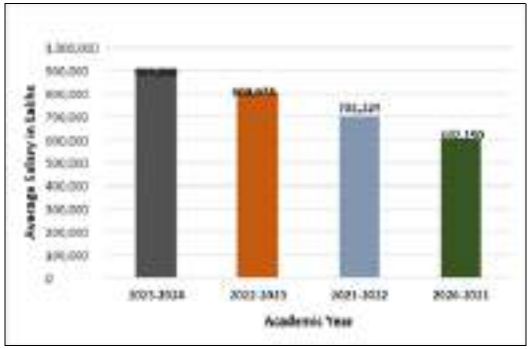


Figure 9.5.2 Average Salary in Placements

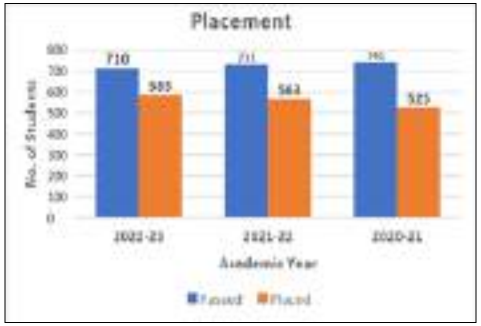


Figure 9.5.3. No. of Students Placed

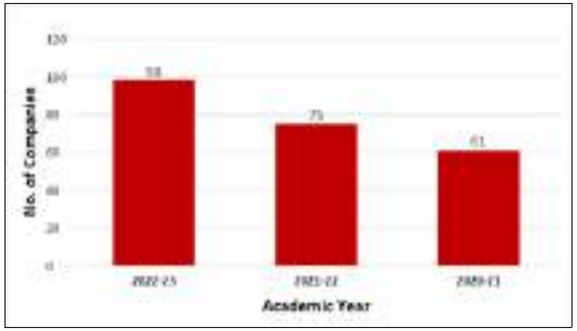


Figure 9.5.4. No. of Companies Visited for Campus Placements

9.6 Entrepreneurship Cell

Total Marks 5.00

Institute Marks : 5.00

A. Entrepreneurship initiatives (3)

Understanding the significance of entrepreneurial talent GNITS has established Innovation cell, Entrepreneurship Development Cell (EDC) that are actively functioning in GNITS since 2007. In 2020 Innovation and Incubation centre is established merging I Cell, EDC and IPR cell to with complete ecosystem for mentoring students towards entrepreneurship as career path.

Innovation Cell

The main aim of I Cell is, to create intuition in terms of creative design ideas in various fields of engineering in an aesthetic approach that helps societal wellbeing.

I cell helps to nurture the students' ideas and support them build prototypes and result in market viable product.

Design Thinking course is included in the curriculum to enable students to understand the problem solving in a structured approach.

The collaboration with other partners in the ecosystem enabled the I Cell to organise various events that enabled the students innovators to pitch the ideas in national and international platforms like SIH, Eco championship Hackathon TS pollution control board, Hackwithinfy, Space Apps Challenge, Google Solution Challenge Hackathon etc.,.

Majority of students innovations were awarded with cash prizes worth of 2,00,000 by Industry, Student chapters and Government bodies.

Intellectual properties Rights

A good ecosystem exists to protect IPR of faculty and students through the financial support from the college.

A course on Intellectual Property Rights in the curriculum as an Open Elective facilitating the students with the awareness towards protecting the intellectual property.

The number of patents published gradually increased year after year through continuous sessions organized with experts from IP attorney and over a period of four years nearly **42 patents are Published with 8 patents Granted**.

An MOU is signed between GNITS and LCGC Resolute Appliance LLP for patent professional services which will enable more number of patents to be published in the coming years.

Entrepreneurship Development Cell

An Entrepreneurship Development Cell (EDC) has been functioning in GNITS in association with JNTU, Hyderabad for the past 8 years.

The ED Cell in association with different organizations/government and non-government agencies, conducts orientation programs, workshops, panel discussions by inviting entrepreneurs from various fields to encourage and nurture students and promote entrepreneurship culture.

A technology incubation centre has been set up to provide infrastructure and support for budding entrepreneurs.

A course on Entrepreneurship is introduced in the curriculum and industrial visits to ALEAP a non-profit Organisation which gets Women Entrepreneurs on a common platform.

A total of 2075 students participated in 20+ events under ED Cell that helped the students to work, evaluate, build a prototype, pitch their idea, and get funding from government and private companies.

These efforts resulted in 20+ startups by our alumni and 2 student startups were registered till date.

To support the Innovation and Entrepreneurship activities the college has approved and allocated exclusive resources to foster startups ecosystem.

A dedicated space of 10,000 Sq. ft is allocated for setting up AIC-GNITS Foundation, a section 8 company with 10 crore grant in aid under ATAL Innovation Mission (AIM) – NITIAYOG scheme DST to support women led startups in Deeptech, ICT and sustainability.

Objectives of EDC

- To act as an institutional mechanism for providing various services including information to budding student entrepreneurs
- To create Entrepreneurial culture in the Parent Institution and other institutions in the region and to promote the objectives of NSTEDB, including programmes related to women and weaker sections of the society.
- To foster better linkages between the Parent Institution, Industries and R&D institutions in the region and other related organizations engaged in promoting Small & Medium Enterprises (SMEs) including NGOs and other Voluntary Organizations

- To catalyze and promote Development of S&T based Enterprises and promote employment opportunities.
- To respond effectively to the emerging challenges and opportunities both at national and international level relating to SMEs and Micro Enterprises.

Activities of EDC Cell

- Organizing workshops, seminars and events to create awareness about entrepreneurship.
- Encouraging students and promoting innovative ideas and solutions.
- Inviting successful entrepreneurs to share their experiences, insights and success stories
- Conducting skill development training programs to enhance their entrepreneurship skills such as ideation, business planning, market research and financial management.
- Providing guidance and incubation support to potential entrepreneurs in developing and refining their business ideas.
- Offering physical or virtual incubation spaces for startups to work on their projects.
- Facilitating industry interactions and networking events to connect aspiring entrepreneurs with mentors, investors, and other professionals.
- Organizing competitions to encourage students and budding entrepreneurs to create and present viable business plans.
- Connecting startups with potential investors, venture capitalists, and government funding programs to support their financial needs and growth
- Encouraging research and development activities related to entrepreneurship and innovation.
- Fostering partnerships with industry, government, and other institutions to cultivate an environment that promotes and supports entrepreneurship.
- Organizing Mentorship programs with experienced and knowledgeable individual (mentor) provide guidance, support, and advice to aspirants (mentee)

Consolidated Data of Entrepreneurship Development Cell for the last three years

S.No.	Assessment Year	No. of Entrepreneurship Activities Conducted
1	2020-21	4
2	2021-22	7
3	2022-23	12

List of Activities for the last three years from the year 2020 to 2023

S. No.	Date	Topic	Details of the Resource Person	No. of participants
1	30th Aug., 2020	Online Group Discussion on Entrepreneurship	EDC Coordinators, GNITS	182
2	18th Sept., 2020	How to Take Off Your Startup	Mr. Meraj Faheem, Founder & CEO, EdVenture Park, Hyderabad	79

3	7th - 8th May, 2021	Digital Marketing	1.Prof. Debajyoti Banerjee, Founder & CEO, Seven Boats Academy 2.Prof. Biplab Das, Seven Boats Academy 3.Prof.Vijay Mishra, Seven Boats Academy 4.Prof.Dip Maitra, Seven Boats Academy	97
4	10th May, 2021	Start-up Incubator Session	Mr. Meraj Faheem, Founder & CEO, EdVenture Park, Hyderabad	123
5	29th Oct., 2021	Student Startups	Mr. Meraj Faheem, Founder & CEO, EdVenture Park, Hyderabad	265
6	30th Oct., 2021	Manthan Hackathon	Organized by the Bureau of Police Research and Development in association with MIC-AICTE	30
7	12th Nov., 2021	"Sambhav" – e-National Level Awareness Programme (e-NLAP)	Sri K.C. Chowdary, Sri G. S. Bist and Smt. N. Sumathi, DI-MSME, Hyderabad	148
8	29th Dec., 2021	Idea pitching competition and Student Entrepreneur Talk	Mr. Kartheek Thatikonda, Head-Marainxt Innovation Center, Hyderabad	103
9	16th March, 2022	SIH-2022 Internal Hackathon	Dr. A. Sharada, Professor, GNITS Dr. Raj Kumary L. B. Dr. G. Malini Devi	100
10	26th March, 2022	MSME Idea Hackathon 2022	Dr. P. V. D. Somasekhar Rao, Prof. in ECE and Dean, Academics Mr. Katheek Thatikonda, Head, MiraiNxt Innovworks Pvt. Ltd. Mr. Farhim Aslam Khan, CA	55

11	16th Jun., 2022	Startups, Creativity and Innovation-Make Your Idea to Happen	1. Prof. G.S. Prasad, Director of Centre for Research, Innovation, Technology and Entrepreneurship (RITE), University of Hyderabad. 2. Prof. VVSS Srikanth, Professor, School of Engineering Sciences and Technology, University of Hyderabad. 3. Prof. Salman Abdul Moiz, Professor, School of Computer and Information Sciences, University of Hyderabad. 4. Dr. Sudha Reddy, Founder and Managing Director of KN Bioscience.	313
12	1st Aug., 2022	Industrial Management as Open Elective	Mrs. Smitha Mahindrakar, Asst. Prof., Dept. of H&M, GNITS Dr.P. Rekha, Assoc. Prof., Dept. H&M, GNITS Mrs. T. Malathi Latha, Asst. Prof., Dept. of H&M, GNITS	180
13	1st August, 2022	Design Thinking	Mrs. P. M. S. Hallika, Asst. Prof., Mech. Dept., GNITS Ms.N.Hiranmai, Asst. Prof., Mech. Dept., GNITS	120
14	10th Oct., 2022	Research Methodology & IPR	Dr. V. Vijaya Lakshmi, Asst. Prof., H&M dept., GNITS	**35**

15	21st – 22nd Nov., 2022	FORZA	1.Sri Charan Lakkaraju CEO Stugmagz Forbes 30 Under 30 Asia 2018 2. Sri P.S.N. Murthy Founder & President for Promotions of Public Libraries	200
16	6th Dec., 2022	Design Thinking, Critical Thinking and Innovation Workshop	Mrs. Sakuntala Kasaragadaa, Incubation Head, GNITS	90
17	2nd January, 2023	Entrepreneurship and Project Management	Mrs. J. Mamatha, Asst. Prof., H&M Dept., GNITS Ms. E. Pranavi, Asst. Prof., H&M Dept., GNITS Dr.P.Rekha, Assoc. Prof., H&M Dept., GNITS Dr. Areman Ramya Sri, Asst. Prof., H&M Dept., GNITS	240
18	25th Jan., 2023	Toycathon	Dr. S. Ramcharan, HOD, IT Dr.G.Malini Devi, Assoc. Prof., CSE	22

19	8th – 9th Mar., 2023	Women in Business (Women Leadership Conclave)	1. Aruna Dara, Managing Director, Apna Green Products 2. Mallika Valluru - Co-Founder & MD, Radius EduTech 3. Nanditha Sethi - Founder & MD- The Entrepreneur Zone, Startup Mentor, Tedx speaker. 4. 4. Vanitha Datla, Vice Chairperson & Managing Director, Elico Ltd. 5. Anuradha Kanchi - Principal strategist, Avtar The Power of Diversity 6. Panneerselvam Madanagopal - CEO, Technogen, India 7. Sahithi Divi – CEO, Soul of Swadesh 7. Praveen Dorna – Co founder, SocioHub 8. Kavitha Natarajan - Senior CSR Professional, CGI 9.Vyshali Sagar - Startup Ramp India lead, Amazon Web services 10. Sahitya Anumolu - Co-founder, Inquilab Foundation	150

20	7th Apr., 2023	Kavach Internal Hackathon	Dr. S. Ramcharan, HOD, IT Dr. G. Malini Devi, Assoc. Prof., CSE	48 (6 Teams)
21	17th Apr., 2023	YUVA – Young Innovation Challenge "Unpacking the Challenge: Techniques for Defining the Problem Statement and Finding the Right Fit - Product Market Alignment".	1. Keerthi Priya, Founder and CEO of Koh! Foods 2. Kausthub Kaundinya Y, Founder and CEO of Jarsh Safety 3. Ms. Sakuntala Kasaragadda, Head of Incubation Center, GNITS	83 (20 teams)
22	21st June, 2023	Orientation session on Successful Entrepreneurs	Ms. Pavani Lolla, Founder of Futurestep Enterprises Ms. Aruna Dara, Founder of Apna Green Products Ms. Lakshmi Haritha Bhavani, Founder of Ancient Foods	900
23	24th June, 2023	Design Thinking Workshop	Mr. Vaibhav, Senior UX Designer at ADP	300

STUDENT ACHIEVEMENTS

1. Ms. Indrani and Ms. Tulasi of 2019−2023 admitted batch have got selected for final round of YUKTI National Innovation Contest 2023 and will be granted Rs. 10 Lakhs.

2. Ms. Deeksha, Ms. Koushika and Ms. Shreya of 2020-24 admitted batch got selected for final round of YUKTI National Innovation Contest 2023 and will be granted Rs.10 Lakhs.

3. T. Bhavani Goud and Sanjana Reddy of 2020-24 admitted batch have got a grant of Rs.4 Lakhs for implementing their Idea under MSME Women Ideathon 3.0.

4. V. Ruthwika secured first place in Galactihack Ideathon conducted by IIT Indore in Fluxus event in collaboration with ISRO, Nimbus Education on 8th March, 2024.

5. B. Vasavi, Y. Krupany and M. Pragya Teja won Runner Up in Sustainable Domain in Design-A-Thon competition at VNR VJIET from 3rd – 4th March, 2024.

6. T.V.L Prasanna and I.Satvika with project title "Cognizen Mat" won 5th prize in Anveshana 2024.

7. D. Bhavana and her team stood in top 5 out of 25 teams in Shark Tank Event organized by VR Siddhartha Engineering College, Vijayawada on 28th February, 2024.

8. K. Joanna Elizabeth, G. Angel, B. Sravanthi, J. Manisha Reddy and B. Rithika Reddy of EEE won first prize in Science Exhibition Competition on the eve of National Science Day 2024 conducted at Rashtrapati Nilayam, Hyderabad from 26th – 28th February, 2024.

9. Ms. Tejaswini, Ms. Ishitha, Ms. Tejaswini Singh, Ms. B. Srija, Ms. P. Kethana Reddy, Ms. J. Shravya and Ms. Ashritha won 2nd Prize with a cash prize of Rs. 20,000/- in Codequest which is an Inter collegiate 24-hour hackathon organized by CII-IWN on 16th – 17th February, 2024.

10. Terramik Team (Ms. Suma, Ms. Deeksha and Ms. Vaishnavi) won 3rd Prize in Biotech Innovation Challenge held on 7th January, 2024 at IIT Madras, Tamil Nadu

11. Ms. Anushka, Ms. Shreya Reddy and Ms. Srinija are the Winners of Crypto Wallet at the Bootcamp held at Mahindra University in December, 2023.

12. Ms. Samiksha, Ms. Mahalakshmi and Ms. Ananya secured 3rd prize with cash prize of Rs.10,000/- at Nationwide 48 Hour Hackathon at Gokaraju Rangaraju Institute of Engg. & Technology (GRIET), Hyderabad from 6th – 8th October, 2023.

13. Tejaswini and her team are the National Level Winners in the NASA Space App Challenge 2023 from 7th – 8th October, 2023 at Chandigarh University.

14. Shraddha and her team are the National Level Winners in the NASA Space App Challenge 2023 from 7th – 8th October, 2023at Chandigarh University.

15. N Vyjayanthi and her team are the National Level Winners in the NASA Space App Challenge 2023 from 7th – 8th October, 2023at Chandigarh University.

16. Ms. Sneha sri, Ramaswamy swathi, Reddy Swathi and Meghana won first prize with a cash prize of 15,000/- at Code Infinity, 24-Hour Hackathon on "Smart Security Companion for Women" held at MRCET from 17th – 18th March, 2023 under the mentorship of Mrs. P. Roopa Ranjani.

17. Ms. Faiza Hameed, V. Hema Chandrika, M. Samiksha, D. Mahalaxmi, Ms. Ananya Sangani and N. Shivani won second prize with a cash prize of Rs. 3000/- in IIIT Wiki Hackathon from 3rd – 4th March, 2023.

18. Ms. A. Shivani, Reddy, Theme: Technology for Social Good are the Winners at Hackwithinfy 2022 at Infosys, Pune from 27th – 29th August, 2022.

19. Ms. Keerthana Pravalika and her team: TechHustlers won 1st Prize in Smart India Hackathon-2022 at Kochi with a cash prize of Rs.1 Lakh from 25th – 26th August, 2022.

20. Ms. Siri Naidu, A. Varshini, U. Amogha and K. Satwika won winner title in the NASA International Space Apps Challenge 2022, Boot camp on 13th June, 2022 followed by 24 hours Hackathon on 18th June, 2022 conducted by Space Apps India.

21. Ms. B Saraswathi, Ms. G. Sharanya, Ms. R. Rupasri, Ms. Kirthi Kalikar and Ms. Gunti Rohitha won winner title in the NASA International Space Apps Challenge 2022, Boot camp on 13th June, 2022 followed by 24 hours Hackathon on 18th June, 2022 conducted by Space Apps India.

22. Ms. B. Shravani, Siri Naidu, A. Varshini, U. Amogha and K. Satwika won winner title in the NASA International Space Apps Challenge 2022, Boot camp on 13th June, 2022 followed by 24 hours Hackathon on 18th June, 2022 conducted by Space Apps India.

List of Entrepreneurs from GNITS

S. No.	Name of the Alumni Entrepreneur	Designation	Company Name
1	Ms. Santhosa Bojja	Founder and Director	Elegant Aesthetic and Academy, Hyderabad
2	Ms. M. Sravya	CEO	Private Business, Hyderabad
3	Ms.Rashmi Busireddy	Co-founder	Campus Crop
4	Ms. Challa Renuka Venkata Ramani	Founder	Improve 10X Solutions Private Limited
5	Ms. Anusha Reddy	Director	Maya Bazar Studio, Kadapa
6	Ms. D Prathima	Managing Director	Sri Kanuka Durga Filling Station (HPCL Dealer), Sanga Reddy
7	Ms. Shruti Ahuja	Director and Business Head	Ahuja Engg. Services Pvt Ltd, Hyderabad
8	Ms. Kshamitha	Director	Jamuna Hatcheries, Hyderabad
9	Ms. Sushma Mamindlapalli	Founder	ProXel Learning & Development Hub
10	Ms. Lakshmi Manasa Pandiri	Co-founder & CTO	Cartly Inc.

11	Ms.Himasree	Founder	Kitolit Private Limited
12	Ms. Shweta Agarwal	Founder	ShootOrder® - Digital Marketing Agency (https://www.linkedin.com/jobs/view/3680857896/)
13	Ms. Harshi Reddy Thodima	Founder	ROROSAUR Foodtech Private Limited
14	Ms. Sarojini Ummareddy	Co-founders & Director	Reflexion AI
15	Ms. Keerthi Datla	Co-founder & Marketing Communications Lead	Esvee Atelier
16	Ms.Rashmi Beldi	Founder	Studio RB | Product Photography | IG Filter | India
17	Ms.Rishitha Kondapalli	Co-founder & COO	Yulick Chocolates
18	Ms.Akshita Reddy Madireddy	Founder	Founder Insync; Managing Partner – Aaradhya Ventures
19	Ms. Rudraksha	Co-Founder and Chief Business Officer	Brekrr India & at Anuvega Powertronics
20	Ch. Prathusha(2023)	Founder	Dyonya
WOMEN CONCLAVE			
Participation at WILC-2023 by M. Liz Gebhard – Head of Diversity, Amazon on 8th Mar., 2023		Panel Discussion on “Unlocking potential: How entrepreneurship is Enabling Womens Career Growth” on 9th Mar., 2023	

Winners of Yuva-Young Innovation Challenge, an Ideathon on 17th April, 2023	Sahithi Divi , CEO, Soul of Swadesh & Praveen Dorna, Co founder, SocioHub - Community Building today for a Sustainable tomorrow on 9th March., 2023
	Hyderabad, TG, India
Workshop on “STARTUPS, CREATIVITY and INNOVATION-Make Your Idea to Happen” on 16th Jun., 2022	Participation of student at Idea pitching competition and Student Entrepreneur Talk on 29th Dec., 2021

9.7 Co-curricular and Extra-curricular Activities

Total Marks 10.00

Institute Marks : 10.00

A. Availability of sports and cultural facilities (3)

Sports Facilities

Sports Achievements and Activities

Dr. M.V.L. Surya Kumari- Head, Department of Physical Education

Dr. M. V. L. Surya Kumari has 30 years’ experience and is currently heading the Department of Physical Education at GNITS.

She is a Nationals Gold medalist in Athletics and was awarded the first Ph.D. in the area of Physical Education by the Osmania University having carried out her research work at NIN, Hyderabad.

A certified Yoga Trainer, Diabetes Therapist from National Yoga University, SVYASA, Benguluru and an Internationally accredited certified Fitness Trainer from FAB academy (USA).

Published/ presented more than 30 research papers in various National/ International Journals and Conferences at USA, Australia, Thailand, UK (London- Pre London Olympic conferences at Glasgow and Cambridge University) and India.

Member of Board of Studies for MS (Sports Science), JNTU Kakinada and Visiting Professor for the same course. She guided one Ph.D. scholar in Physical Education from JNTUH.

She is a recipient of National Eminent Educator Award from IFPESS, Prox-R and D Award in Academics (Physical Education), Outstanding Distinguished Service Award from GNITS and Best Teacher award from Rotaract Club, Hyderabad.

Objectives of Department:

The department was established with the following objectives.

- Development of wholesome personality of all the students through their participation in various sports and games.
- Development of sports infrastructural facilities.
- Preparation of college teams for the inter college and university tournaments in different events.
- Organization of Intra college competitions between different departments to provide opportunity for all the students to participate in various sports events.
- Organisation of Inter college tournaments at GNITS to motivate students and to develop leadership abilities among students.

Infrastructure- Sports:

Outdoor Facilities:

- Basket Ball Court – 1
- Volleyball Court -1
- Throw ball Courts -2
- Handball Court-1
- Kho Kho – 1

- Kabaddi Court – 1
- Open/outdoor Gym with 17 items

OUTDOOR
SPORTS

Indoor Facilities:

- Indoor Badminton Stadium with 2 Wooden Courts with International Standard Lining synthetic mats.
- Sports Room equipped with Table Tennis, Chess and Carrom Boards
- Fitness wing with 8 Station Gym, Jogger, Ab. Exercisers, 2 Cross Trainers, 2 Exercise Cycles and other Toning Equipment (Medicine Balls, Dumbbells, Thera Bands etc.)
- Yoga Hall

INDOOR
SPORTS

Sports Coaching Programmes:

GNITS has been organizing sports coaching programmes to inculcate sports culture among GNITS students that would help them to develop their wholesome persomality and life skills They include coaching programmes in Basketball. Throw ball, Volleyball, Kho Kho, Kabaddi, Table Tennis and Badminto disciplines by experienced coaches.

COACHING PROGRAMS
THROWBALL
VOLLEY BALL
BASKET BALL
KABADDI
KHO - KHO
BADMINTON
TABLE TENNIS

Sports Achievements for the Academic Year 2023-2024

S.no	Roll No	Name of the Student	Name of the Sports	Team / Individual	State/ National/ International	Award	Date	Venue

1	20251A0278	C.Hari Sahithi	Throw ball	Team	State level	Winners	13 &15 October 2023	M.G.I.T Institute of Technology
2	20251A3638	G. Pranathi	Volley ball	Team	State level	Winners	13 &15 October 2023	M.G.I.T Institute of Technology
3		M.Dhamanika	Fist Ball	Single	National level	Runner	27 to 29 October 2023	Akshara Public School, vedasandur,Tamil nadu
4	20251A6651	P.Dharani	Kho-Kho	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
5	21251A6764	M.V.Vindhya	Table Tennis	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
6	22251A05H0	Haniah fathima	Table Tennis	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
7	21251A04C4	P.Harshitha	Table Tennis	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
8	21251A6764	M.V.Vindhya	Table Tennis	Singles	National level	Runner	18 to 20 Nov 2023	Gudlavalleru Engineering College
9	22251A05H0	Haniah fathima	Table Tennis	Singles	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
10	21251A6712	G.Thanushitha Reddy	Tennis	Singles	National level	Runner	18 to 20 Nov 2023	Gudlavalleru Engineering College
11	21251A6712	G.Thanushitha Reddy	Tennis	Doubles	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
12	23251A6721	M.Charisha	Tennis	Doubles	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
13	20251A6651	P.Dharani	4x100mRelay	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
14	20251A233	G.Tejaswi	4x100mRelay	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College

15	21251A0228	S.Meenakshi	4x100mRelay	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
16	23251A1271	E.Himaja	4x100mRelay	Team	National level	Winners	18 to 20 Nov 2023	Gudlavalleru Engineering College
17	21251A0410	K.Jyoshtna	1500mRUN	Singles	National level	Third	18 to 20 Nov 2023	Gudlavalleru Engineering College
18	23251A1271	E.Himaja	Long Jump	Singles	National level	Third	18 to 20 Nov 2023	Gudlavalleru Engineering College
19	20251A05G3	M.Supriya Reddy	Throw ball	Team	National level	Winners	20 to 22 Nov 2023	Sreenidhi Institute of Science and Technology,
20	20251A0233	T.Tejaswi	Kho-Kho	Team	National level	Runners	20 to 22 Nov 2023	Sreenidhi Institute of Science and Technology,
21	20251A0278	T.A.L Sravani	Throw ball	Team	State level	Winners	21 to 23 Nov 2023	Vardhaman College of Engineering
22	20251A6651	P.Dharani	Kho-Kho	Team	State level	Winners	21 to 23 Nov 2023	Vardhaman College of Engineering
23	20251A1282	Sahithi varma	Basket Ball	Team	State level	Winners	21 to 23 Nov 2023	Akhil Bharatiya vidharthi parishad
24	20251A05G3	M.Supriya Reddy	Throw ball	Team	State level	Winners	21 to 23 Nov 2023	Akhil Bharatiya vidharthi parishad
25	20251A3656	S. Srujana	Basket Ball	Team	National level	Runners	27 Jan to 3rd Feb 2024	Anurag University
26	21251A1217	M. Vainavi	Badminton	single	National level	Runner	27 Jan to 3rd Feb 2024	Anurag University
27	20251A3654	Santhoshi Pavani	Throw ball	Team	National level	Winners	1 to 3 Feb 2024	Vignan University
28	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	1 to 3 Feb 2024	Vignan University
29	21251A0228	S.Meenakshi	4X100 mts Relay	Team	National level	Runners	1 to 3 Feb 2024	Vignan University

30	20251A0278	C.Hari Sahithi	Throw ball	Team	State level	Winners	15 &16 Feb 2024	Mahindra University
31	20251A3654	Santhoshi Pavani	Throw ball	Team	National level	Winners	18 Feb 2024	VIT-AP University
32	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	18 Feb 2024	VIT-AP University
33	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	19 & 20 Feb 2024	KL University
34	20251A0278	T.A.L Sravani	Throw ball	Team	National level	Winners	21 Feb 2024	KL University
35	21251A0228	S.Meenakshi	100 mrts	Singles	National level	Runners	19 Feb 2024	KL University
36	21251A0410	K.Jyoshtna	1500mRUN	Singles	National level	Runner	19 Feb 2024	KL University
37	20251A0278	T.A.L Sravani	Throw ball	Team	National level	Winners	23 & 24 Feb 2024	BVRIT
38	20251A3638	G. Pranathi	Volley ball	Team	National level	Runners	23 & 24 Feb 2024	BVRIT
39	20251A0278	C.Hari Sahithi	Throw ball	Team	State level	Winners	28 & 29 Feb 2024	Cvr
40	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	28 & 29 Feb 2024	Narsimha Reddy Engineering College
41	20251A0278	C.Hari Sahithi	Throw ball	Team	State level	Winners	28 & 29 Feb 2024	VJIT
42	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	28 & 29 Feb 2024	VJIT
43	22251A05H0	Haniah fathima	Table Tennis	Doubles	National level	Winners	1 & 2 March 2024	VJIT
44	22251A05H0	Haniah fathima	Table Tennis	Doubles	National level	Winners	1 & 2 March 2024	VJIT
45	21251A6764	M.V.Vindhya	Table Tennis	Singles	National level	Runner	1 & 2 March 2024	VJIT
46	20251A0278	C.Hari Sahithi	Throw ball	Team	State level	Winners	12 & 23 March 2024	JBIT
47	20251A6651	P.Dharani	Kho-kho	Team	National level	Winners	12 & 13 March 2024	JBIT

Sports Achievements for the Academic Year 2022-2023

S.No	Roll No	Name of the Student	Name of the Sports	Team/ Individual	State/ National/ International	Award	Date	Venue
1	21251A1217	M.Vainavi	Badminton	Doubles	State level	Runner	14 & 15 Aug 2022	BHEL, Hyderabad
2	21251A6648	M. Sriya	Badminton	Doubles	State level	Runner	14 & 15 Aug 2022	BHEL, Hyderabad
3	21251A04C4	P.Harshitha	Table Tennis	Single	State level	Runner	14 & 15 Aug 2022	BHEL, Hyderabad
4	21251A0485	P.Manasa	Table Tennis	Single	State level	Winner	14 & 15 Aug 2022	BHEL, Hyderabad
5	21251A6764	M.V.Vindhya	Table Tennis	Single	State level	Winner	14 & 15 Aug 2022	BHEL, Hyderabad
6	20251A04G4	N. Rashmitha	Chess	Single	State level	Runner	14 & 15 Aug 2022	BHEL, Hyderabad
7	20251A1722	S. Shivani	Kabaddi	Team	State level	Winners	14 & 15 Aug 2022	BHEL, Hyderabad
8	20251A6651	P.Dharani	Kho Kho	Team	State level	Winners	14 & 15 Aug 2022	BHEL, Hyderabad
9	20251A1282	M.Sahithi Varma	Basket Ball	Team	State level	Winners	14 & 15 Aug 2022	BHEL, Hyderabad
10	21251A0262	Anjali	Volleyball	Team	State level	Winners	14 & 15 Aug 2022	BHEL, Hyderabad
11	20251A3654	S.v.l. Santhoshi Pavani	Throw Ball	Team	State level	Winners	14 & 15 Aug 2022	BHEL, Hyderabad
12	19251A1272	G.Geetha Krishna	Badminton	Individual	District level	Winners	19/8/22	Chaitanya Bharathi Institute of Technology
13	19251A0543	S. Shreya	Throw ball	Team	State Level	Winners	12&13Octo2022	B V R I T
14	19251A05A0	N. Charitha	Volley Ball	Team	State Level	Winners	12&13Octo2022	B V R I T
15	19251A05A0	N. Charitha	Volley Ball	Team	National	Winners	4th&6Nov2022	Chaitanya Bharathi Institute of Technology
16	19251A0543	S. Shreya	Throw ball	Team	National	Winners	4th&6Nov 2022	Chaitanya Bharathi Institute of Technology

17	19251A05F4	L. Ramya Sri	Table Tennis	Individual	National	Runner	4th&6Nov 2022	Chaitanya Bharathi Institute of Technology
18	20251A05G3	M.Supriya Reddy	Throw ball	Team	National	Winners	25th&26NOV 2022	G N I T S
19	19251A0489	Charishma Reddy	Volley Ball	Team	National	Runner	25th&26NOV 2022	G N I T S
20	19251A1217	Esha Reddy	BasketBall	Team	National	Runner	25th&26NOV 2022	G N I T S
21	20251A0245	P.Sri Lakshimi	Kho Kho	Team	National	Winners	25th&26NOV 2022	G N I T S
22	19251A1272	G.Geetha Krishna	Badminton	Individual	National	Winners	25th&26NOV 2022	G N I T S
23	19251A05F4	L. Ramya Sri	Table Tennis	Individual	National	Winners	25th&26NOV 2022	G N I T S
24	19251A1279	J. Chandrika	Kho Kho	Team	National	Winners	2&3Dec 2022	Sridevi Women's Engineering College
25	21251A0228	S.Meenakshi	100m RUN	Single	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
26	23251A1271	E.Himaja	100 m RUN	Single	State	Runners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
27	20251A1711	Meghana	200 m Run	Single	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
28	20251A0435	Aruna	200 m Run	Single	State	Runners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
29	20251A1711	Meghana	400 m Run	Single	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
30	20251A6651	P.Dharani	400 m Run	Single	State	Runner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
31	21251A0410	K.Jyoshtna	800 m Run	Single	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
32	20251A233	G.Tejaswi	800 m Run	Single	State	Runner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
33	20251A1711	Meghana	4x100mRelay	Team	State	Winner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
34	21251A0228	S.Meenakshi	4x100mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
35	23251A1271	E.Himaja	4x100mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
36	20251A6651	P.Dharani	4x100mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad

37	20251A233	G.Tejaswi	4x400mRelay	Team	State	Winner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
38	20251A0435	Aruna	4x400mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
39	21251A0410	K.Jyoshtna	4x400mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
40	20251A6651	P.Dharani	4x400mRelay	Team	State	Winners	11 & 12 Jan 2023	L.B Stadium, Hyderabad
41	21251A0263	A.Alekhya	Short Put	Single	State	Runner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
42	21251A6717	P.Kavya	Discus Throw	Single	State	Runner	11 & 12 Jan 2023	L.B Stadium, Hyderabad
43	19251A0543	S. Shreya	Throw ball	Team	State Level	Winners	2&3Feb2023	CVR
44	19251A0543	S. Shreya	Throw ball	Team	National	Winners	2nd -5th feb 2023	BITS
45	19251A05F4	L. Ramya Sri	Table Tennis	Team l	National	Winners	9&10 2023	V N R V J I T
46	22251A05H0	Haniah fathima	Table Tennis	Team l	National	Winners	9&10 2023	V N R V J I T
47	19251A1279	J. Chandrika	Kho Kho	Team	National	Runner	19 Feb to 2nd Mar 2023	VIT AP University
48	19251A0543	S. Shreya	Throw ball	Team	National	Winners	19 Feb to 2nd Mar 2023	VIT AP University
49	19251A05F4	L. Ramya Sri	Table Tennis	Team l	National	Winners	27th,28th FEB 2023	Arora
50	21251A0403	M.Mounika	Volley Ball	Team	National	Winners	2&3 Mar2023	V J I T
51	21251A1217	M.Vainavi	Badminton	Team	National	Winners	2&3 Mar2023	V J I T
52	19251A0543	S. Shreya	Throw ball	Team	National	Winners	2&3 Mar2023	V J I T
53	19251A1217	Esha Reddy	Basket Ball	Team	National	Runner	2&3 Mar2023	V J I T
54	19251A05F4	L. Ramya Sri	Table Tennis	Team l	National	Winners	2&3 Mar2023	V J I T
55	19251A1279	J. Chandrika	Kho-Kho	Team	National	Winners	9&10 Mar2023	Anurag University, Hyderabad
56	19251A0543	S. Shreya	Throw ball	Team	National	Winners	9&10 Mar2023	Anurag University, Hyderabad

57	19251A05A0	N. Charitha	Volley Ball	Team	National	Winners	9&10 Mar2023	Anurag University, Hyderabad
58	19251A05A0	N. Charitha	Volley Ball	Team	National	Winners	3rd and 4th april 2023	Mahindra University, Hyderabad
59	19251A0543	S. Shreya	Throw ball	Team	National	Winners	3rd and 4th april 2023	Mahindra University, Hyderabad
60	21251A1217	M.Vainavi	Badminton	Team	National	Third	3rd and 4th april 2023	MahindraUniversity, Hyderabad
61	19251A0543	S. Shreya	Throw ball	Team	State level	Winners	17 th -18th april 2023	KG Reddy College of Engineering and Technology
62	19251A05A0	N. Charitha	Volley Ball	Team	State level	Winners	17 th -18th april 2023	KG Reddy College of Engineering and Technology
63	20251A1722	S. Shivani	Kabaddi	Team	State level	Winners	17 th -18th april 2023	KG Reddy College of Engineering and Technology
64	21251A1217	M.Vainavi	Badminton	Individual	State level	Winners	17 th -18th april 2023	KG Reddy College of Engineering and Technology
65	21251A6648	M. Sriya	Badminton	Individual	State level	Runner	17 th -18th april 2023	KG Reddy College of Engineering and Technology
66	19251A1279	J. Chandrika	Kho-Kho	Team	National	Winners	26&27April2023	GokarajuRangaraju Insitutite of Engineering&Technology
67	21251A6764	M.V.Vindhya	Table Tennis	Team	State level	Winners	9&10Jun2023	J.B Instituteof EngineeringAnd Technology
68	19251A0543	S. Shreya	Throw ball	Team	State level	Winners	9&10Jun2023	J.B Instituteof EngineeringAnd Technology
69	20251A6651	P.Dharani	Kho-Kho	Team	State level	Winners	9&10Jun2023	J.B Instituteof EngineeringAnd Technology

Sports Activities during the Academic Year 2022-2023

S.No.	Event Organized	Resource Person	Date	Duration	Venue	Number of participants

1	X national level Inter Engineering College Sports meet for Women, VERVE-22	Ms. Naina jaiswal, International Table tennis Player .MS.K.Sindhuja International Archer	25th and 26th Nov. 2022	2 days	GNITS	600
2	Silver Jubilee Sports Day Celebrations	DCP of Telangana Smt.Shirisha Raghavendra.	14th Dec. 2022	1 Month	GNITS	700
3	2k Freedom Run	Chairman Sri. P. Subba Reddy. Principal Dr. K. Ramalinga Reddy.	26/1/2023	1 Day	GNITS	150
4	Yoga for Wellness	Yogacharya Brij Bhushan Purohith- Namasthe Yoga foundation Hyderabad.	18/6/ 2023	3 Days	GNITS	300
5	Azadi Ka Amrit Mahotsav Celebrations	Principal Dr. K. Ramalinga Reddy	15/8/2023	1 Day	Ground,GNITS	580

Sports Achievements for the Academic Year 2021-2022

S.No	**Roll No**	**Name of the Student**	**Name of the Sports**	**Team/ Individual**	**State/ National/ International**	**Award**	**Date**	**Venue**
1	18251A1738	G.Vinusha	Throw Ball	Team	State	Winners	4th and 5th March 2022	Mall Reddy college of engineering and Technology, Hyderabad
2	18251A0459	V. Gayathri	Throw Ball	Team	Inter University	Winners	16th and 17th March 2022	Malla Reddy University, Hyderabad.
3	19251A1272	G.Geetha Krishna	Badminton	Individual	State	Runners	24th, 25th and 26th March 2022	Vignan Jyothi Institute of Management, Hyderabad

4	19251A1272	G.Geetha Krishna	Badminton	Team	State	Winners	24th, 25th and 26th March 2022	Vignan Jyothi Institute of Management, Hyderabad
5	18251A0574	K.Vinisha	Throw Ball	Team	State	Winners	30th and 31st march 2022	B.V. Raju Institute of Technology, Narsapur.
6	18251A1739	Yogini	Volley Ball	Team	State	Winners	30th and 31st march 2022	B.V. Raju Institute of Technology, Narsapur.
7	18251A1221	M. Ruchitha	Throw Ball	Team	National	Winners	7th and 8th April 2022	Kommuri pratap Reddy Institute of Technology, Hyderabad
8	1951A05F4	L.Ramya Sri	Table Tennis	Individual	State	Runner	8th and 9th April 2022	Mahatma Gandhi Institute of Technology, Hyderabad.
9	18251A1228	T.Sruthi	Table Tennis	Team	State	Winners	8th and 9th April 2022	Mahatma Gandhi Institute of Technology, Hyderabad.
10	19251A05H3	S. Shriya	Throw Ball	Team	State	Winners	8th and 9th April 2022	Mahatma Gandhi Institute of Technology, Hyderabad.
11	19251A05A0	N. Charitha	Volley Ball	Team	State	Winners	8th and 9th April 2022	Mahatma Gandhi Institute of Technology, Hyderabad.
12	18251A04G2	Saachika Reddy	Basket Ball	Team	State	Winners	8th and 9th April 2022	Mahatma Gandhi Institute of Technology, Hyderabad.
13	18251A04F3	B. Rishitha	Throw Ball	Team	State	Winners	12th and 13th April 2022	Mahaveer Institute of Science and Technology, Hyderabad
14	19251A0573	Anvitha	Chess	Individual	State	Winners	12th and 13th April 2022	Mahaveer Institute of Science and Technology, Hyderabad

15	20251A04G4	N. Rashmitha	Chess	Individual	State	Runners	12th and 13th April 2022	Mahaveer Institute of Science and Technology, Hyderabad
16	19251A05F4	L. Ramya Sri	Table Tennis	Individual	State	Runners	12th and 13th April 2022	Mahaveer Institute of Science and Technology, Hyderabad
17	18251A0574	K. Vinisha	Throw Ball	Team	National	Winners	22nd and 23rd April 2022	Anurag University, Hyderabad
18	19251A0489	N. Charishma	Volley Ball	Team	National	Winners	22nd and 23rd April 2022	Anurag University, Hyderabad
19	20251A04G4	N. Rashmitha	Chess	Individual	National	Runners	22nd and 23rd April 2022	Anurag University, Hyderabad
20	19251A05F4	L. Ramya Sri	Table Tennis	Team	National	Winners	22nd and 23rd April 2022	Anurag University, Hyderabad
21	18251A04E7	T. Naga Pranathi	Kho-Kho	Team	National	Winners	22nd and 23rd April 2022	Anurag University, Hyderabad
22	18251A1738	G. Vinusha	Throw ball	Team	National	Winners	12th and 13th May 2022	Vidya Jyothi Institute of Technology, Hyderabad.
23	19251A1279	J. Chandrika	Kho Kho	Team	National	Winners	12th and 13th May 2022	Vidya Jyothi Institute of Technology, Hyderabad
24	18251A1221	M. Ruchitha	Throw ball	Team	State	Winners	25th and 26th May 2022	J. B. Institute of Technology, Hyderabad.
25	18251A0237	Janet Angela E	Basketball	Team	National	Runners	1st and 2nd June 2022	VNR Vignan Jyothi Institute of Engineering and Technology, Hyderabad
26	18251A0233	B. Navya	Volleyball	Team	National	Winners	8th to 11th June 2022	Sreenidhi Institute of Science and Technology, Hyderabad

27	18251A04F3	B. Rishitha	Throw ball	Team	National	Winners	8th to 11th June 2022	Sreenidhi Institute of Science and Technology, Hyderabad
28	21251Ao228	S. Meenakshi	Kho Kho	Team	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
29	21251A0262	Anjali	Volleyball	Team	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
30	19251A0543	S. Shreya	Throw ball	Team	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
31	19251A05F4	L. Ramya Sri	Table Tennis	Team	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
32	19251A05F4	L. Ramya Sri	Table Tennis	Individual	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
33	21251Ao228	S. Meenakshi	200 Mts. Run	Individual	National	Winners	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.
34	21251A6764	M.V.Vindhya	Table Tennis	Individual	National	Runner	16th to 18th June 2022	Vignan's Institute of Management and Technology for women, Hyderabad.

Sports Activities Conducted for the Academic Year 2021-2022

S.NO	Event Organized	Resource Person	Date	Duration	Venue	Number of participants
1	Mini Sports Fest	Principal Dr. K. Ramalinga Reddy.	15-12-2021 to 30-12-2021	15 Days	**GNITS**	**300**
2	Yoga for Wellness-Webinar	Yogacharya Brij Bhushan Purohith-Namasthe Yoga foundation Hyderabad. Dr.D.Jyothi-Associate Proffesor,National Sanskrit University,Tirupathi	12-06-2022	1 Day	online	324
3	A seminar on Physical Literacy for health and Fitness	Dr.Amit Malik-India Lead-International Physical Literacy Association,Hyderabad.	14/06/2022 to 17/06/2022	3 Days	Main seminar hall, Admin block	100
4	A workshop on Yoga for womens health	Yogacharya Brij Bhushan Purohith-Namasthe Yoga foundation Hyderabad.	14/06/2022 to 17/06/2022	3 Days	H3 block,GNITS	45
5	Azadi Ka Amrit Mahotsav Celebrations	Principal Dr. K. Ramalinga Reddy	15/8/2022	1 Day	Ground,GNITS	500

Sports Achievements for the Academic Year 2020-2021

S.No	Roll No	Name of the Student	Name of the Sports	Team/ Individual	State/ National / International	Award	Date	Venue
1	19251A05F4	L.Ramya Sri	Table Tennis	Individual	National	Runner	6-12-2021 to 9-12-2021	Sreenidhi Institute of Science and Technology
2	18251A1228	T.Sruthi	Table Tennis	Team	National	winners	6-12-2021 to 9-12-2021	Sreenidhi Institute of Science and Technology
3	18251A0574	K.Vineesha	Throw Ball	Team	National	winners	6-12-2021 to 9-12-2021	Sreenidhi Institute of Science and Technology

4	15251A1739	Yogini	Volley Ball	Team	National	winners	6-12-2021 to 9-12-2021	Sreenidhi Institute of Science and Technology
5	21251A3628	Jayasree Parini	Chess	Individual	State	Winners	27-12-2021	Rishi MS Institute of Engineering and Technology for women

Sports Activities Conducted for the Academic Year : 2020-2021

S.No	Event Organized	Resource Person	Date	Duration	Venue	Number of participants
1	Mini Sports Fest	Principal Dr. K. Ramalinga Reddy.	15-12-2021 to 30-12-2021	15 Days	GNITS	300
2	Yoga for Wellness-Webinar	Yogacharya Brij Bhushan Purohith-Namasthe Yoga foundation Hyderabad. Dr. D. Jyothi-Associate Proffesor,National Sanskrit University, Tirupathi	12-06-2022	1 Day	online	324
3	A seminar on Physical Literacy for health and Fitness	Dr.Amit Malik-India Lead-International Physical Literacy Association, Hyderabad.	14/06/2022 to 17/06/2022	3 Days	Main seminar hall, Admin block	100
4	A workshop on Yoga for womens health	Yogacharya Brij Bhushan Purohith-Namasthe Yoga foundation Hyderabad.	14/06/2022 to 17/06/2022	3 Days	H3 block, GNITS	45
5	Azadi Ka Amrit Mahotsav Celebrations	Principal Dr. K. Ramalinga Reddy	15/8/2022	1 Day	Ground, GNITS	500

Glimpses of Various Events and Activities Conducted

X National Level Inter College Sports Meet At GNITS Verve-2022

Cultural Facilities

Extra-curricular Activities

An excellent and well-rounded academic course always includes extra-curricular activities and co-curricular activities. In order to encourage student participation and involvement we at GNITS have very diverse and engaging student lead clubs. These clubs are instrumental in providing a platform for students to hone their skills, show case their talent and develop their leadership abilities. Be it self-defence or social responsibility or creativity we have very active student clubs in each of these domains. The following is the list of student clubs and which show a glimpse of their activities.

Samskruthi – GNITS cultural club

Soaring Beyond Boundaries

- **Samskruthi**- GNITS cultural Club was established in 2008, stands as the vibrant cultural club of GNITS, dedicated to the celebration and promotion of diverse cultural expressions.

- Through a rich tapestry of events, workshops, and performances, Samskruthi endeavours to create a platform where students can deeply engage with various art forms, traditional practices, and modern creative pursuits.
- Playing a pivotal role in fostering creativity, teamwork, and a profound understanding of cultural diversity within the GNITS community, Samskruthi has evolved into a dynamic hub of talent and cultural richness.
- The club organizes a series of flagship events, featuring mini-fests that embody the festive spirit throughout the academic year.
- From the Christmas and New Year celebrations to Diwali and Dusshera festivities, Samskruthi ensures each cultural occasion is marked with joy, enthusiasm, and traditional fervour. The inter-college cultural meet facilitates cultural exchange, allowing students to showcase their talents and engage with diverse artistic expressions.
- The Annual Day and Annual Cultural Fest, Asterias, represent the pinnacle of Samskruthis efforts, providing a grand stage for students to exhibit creativity, skills, and cultural pride.

Deccan Project performance: Silver Jubillee-2023

Pottery work shop : Silver jubilee celebrations

K-POP stall : Asteria-2023

- **Literaria Clava,** the literary club of GNITS was christened in 2011. It is a sanctuary for those who cherish the magic of the written word.
- The mission of the club is to ignite the flames of literary passion in the hearts of its members and encourage them to venture beyond the boundaries of their imaginations.
- With a plethora of events, the club offers a multitude of avenues to celebrate the beauty of literature.

- Literaria Clava has hosted a number of successful events that received an overwhelming participation by students over the years.
- The club is committed to fostering communication, rhetorical, and cooperative skills, as well as actively inspiring students to evolve into adept orators, showcasing their intellectual independence and critical thinking prowess.
- Through these dynamic events, Literaria Clava not only fosters a vibrant literary culture but also instills a profound sense of confidence in its members as they navigate the captivating realm of words and ideas.

Literaria Clava : Student body 2022-2023

ARTISTA

YOUR PASSION OUR PLATFORM

- **ARTISTA, the art club of GNITS**, was endowed in 2016 and is one of the finest clubs in the college, paving the way for the students with creative skills and talents to bring them to the forefront through various activities, events, and workshops.
- Art has the characteristics of raising questions and breaking existing thinking, the club hopes to cultivate students ability to diverge and enhance their creativity through the implantation of art.
- This club aims to promote creativity, artistic expression, and a supportive environment for members by hosting workshops, providing platforms for experimentation, fostering a collaborative culture, and welcoming diverse backgrounds and skill levels.

Artista : Student ET -2022-23

Suswara

Symphony to your soul

- **Music club of GNITS**, established in year 2022-SUSWARA aspires to nurture musical talent and put on shows that everyone can cherish .The club has the most talented singers and musicians ranging from classical genre to western genre, Veena players to Guitarists holding up our moto- ‘Symphony to your Soul’.
- Our objective is to celebrate diverse music, creating an inclusive space for unity through melodies. We strive to nurture a community where passion for singing flourishes, inspiring members to express their unique musicality
- **Events and activities conducted by the club:**
- Suswara’s First Recital
- Suswara’s Inaugural
- Inter-College cultural fest
- Silver Jubilee celebrations-Musical night
- WILC
- Event at Statue of Equality
- Independence day celebrations
- Induction program

SILVER JUBILEE
25

Performance of Suswara Team

ABHAYA

- **ABHAYA, is the women safety club of GNITS** that came into limelight in the year of 2020 with an aim of creating a safe environment for women, empowering them and enabling them to raise their opinions.

- This club is an initiative taken by Mrs.T.Aparna mam, students of GNITS in collaboration with TS Police. Since the establishment of ABHAYA we have conducted several events, seminars and self-defense training for women to publicize the club and its ideas.
- We started entering into all the possible social handles for staying well-connected with women who needs our help.
- Most of the ABHAYA members are well trained to reach out to people and help them. We also dealt with a couple of cases out of campus who pinged us through our Instagram handle.
- This webpage is also built to get much closer to you. With this web page as an interface, we would like to thank everyone for being so positive towards ABHAYA and we promise to help all the women out there whos in need.

Self-defence workshop by Abhaya.

- **The Rotaract Club** of GNITS was established in 2014 in association with Rotaract District 3150. Rotaract GNITS is dedicated to promoting the Rotary International values of service above self, ethical leadership, and global citizenship.
- Rotaract is distinguished from other college clubs because of its global perspective - being a part of the larger Rotary International network which is a global organization that spans continents and countries.
- At the heart of the Rotaract Club of GNITS are its diverse avenues, each contributing to a well-rounded approach to service and personal growth.
- The club is organized into several pillars, including community services, international services, finance, club services, and professional development.
- These pillars form the foundation for the clubs multifaceted initiatives and events that span a wide range of fields.
- Through its diverse range of activities, including MUNs, donation drives, and seminars, the Rotaract Club of GNITS exemplifies a commitment to service, personal development, and community engagement. With each initiative, the club aims to leave a mark, embodying the principles of Rotaract and inspiring positive change in the world.

Rotaract : Student committee

Cultural Events / Competitions

The following is the list events conducted during the AY: 2023-2024

S.No	Name of the Event	Date	Number of Participants
1	Book Mark 'ed (Lit Coven)	14th July 2023	40
2	Laddoo Hunt	15th September 2023	150
4	Samosa with Samskruthi	15th September,2023	17
5	Christmas Fest	28th December,2023	140
6	Blind Date with a Book	28th December 2023	50

The following is the list events conducted during the AY: 2022-2023

Sl.No	Name of the Event	Date	Number of Participants
1	Nirvana	15-10-2022	300
2	Miss GNITS	25-11-2022	34
3	Verve X GNITS	25-11-2022	740
4	Deccan project X GNITS	25-11-2022	2000
5	Women in Leadership Conclave -2023	7-3-2023 to 8-3-2023	1050

The following is the list events conducted during the AY: 2022-2023

S. No	Name of the event	Date	No. of participants
1.	Asteria 2021 (cultural mini fest)	24-08-2021	100
2.	Diwali 2021	01-11-2021	90
3.	Minifest 2021	18-12-2021	150
4.	Club Rendezvous	11-03-2022	50
5.	Asteria 2022 (cultural minifest)	06-05-2022	150
6.	Valedictory 2022 and **Krithi** Magazine Release	25-06-2022	50

College Annual Day Celebrations

- **College Annual Day** is celebrated with great joy and pride at the end of the academic year to appreciate the students' achievements in all curricular, co-curricular and extracurricular activities conducted throughout the year.
- Gold Medals are given to the students who have excelled and topped the branch with highest aggregate pass percentage, Academic prizes are given year-wise and branch-wise to the students with highest pass percentage during the academic year.
- Awards are given to the Prize winning students led by faculty members in various technical events. Besides, academic and technical achievements Awards and rewards are given to the students who have shown outstanding performance in Sports, Literary and Cultural events followed by the cultural performances both by the students and the staff members.
- Annual Day Celebrations offer students, staff, faculty members, Management members to come together and bring about a sense of togetherness with diverse streams and cultures.
- The year 2022 marks the milestone of celebrating 25 years of Excellence in Technical Education by GNITS. Silver Jubilee Celebrations were conducted on 15th December, 2022 on the occasion of Founders Day.
- Prof.Katta Narasimha Reddy as Chief Guest of the function and Ms.Triveni Bonthu, Associate Director, LTI Mind Tree as Guest of Honour graced the occasion.
- Silver Jubilee Year was marked by 75 years of Azadi Ka Amrith Mahotsav was made much more memorable and with the visit of the President of India Smt.Draupadi Murmu.

Cultural Activities performed on the Occasion of Silver Jubilee Celebrations

Cultural Activities performed on Visit of Honourable President of India-Dec'22

B.NCC, NSS and Other Clubs (3)

NATIONAL SERVICE SCHEME (NSS).

The main motto of the National Service Scheme is ‘**NOT ME BUT YOU**’. This reflects the essence of democratic living and uphold the need for selfless service and appreciation of the other person’s point of view and also to show consideration for fellow human beings. Therefore, it should be the aim of the NSS to demonstrate this motto in its day to day programmes.

Under NSS these are the Six Clubs/Wings including NSS are the part of the NSS Activities.

The names of the Wings/Clubs are: -

1. NSS Unit/Wing
2. Aarambh Student’s Club
3. Abhaya
4. Jeeyar Youth Club
5. Rotaract
6. Street-Cause

Each club has its own Executive Body and members around 100 volunteers for each one. Altogether, there are around 500 plus students’ volunteers and faculty departmental coordinators.

Functions or objectives of NSS Cell

- The main objective of National Service Scheme is personality development through social service or community service.
- The students have to understand themselves their relation to the community
- Identify the needs and problems of the community and involve them
- Developing social and civic responsibility
- Improving leadership quality
- Practice National integration
- Developing the social harmony skills
- This program aims at inculcating social welfare thoughts among the students by providing service to the society without any prejudice.

NSS activities conducted during: 2023 – 2024

S.No.	Name of the Activity	Date	No. of participants
1	Blood Donation Camp in association with Round table India, Jubilee Hills, Hyderabad.	20-11-2023	126

2	Kargil 24th Vijay Diwas organized at KMIT, Hyderabad.	25-07-2023	125
3	Free Medical Camp in association with All Health Group, Hyderabad.	23-09-2023	62
4	Awareness Program on Traffic and Road safety, Telangana Police.	13-02-2024	55
5	Awareness Program on Mental Health.	10-10-2023	180
6	Awareness Program on CPR and First Aid, at Rashtrapati Bhavan, Hyderabad.	14-02-2024	58
7	SCRIBES to write the Sanskrit exam for Netralaya Degree College, Muchintal, Hyderabad.	14-12-2023	42
8	SCRIBES to write the Sanskrit exam for Netralaya Degree College, Muchintal, Hyderabad.	30-12-2023	40
9	Awareness Program on Cancer, Jeeyar Youth Club, Hyderabad.	04-02-2024	240
10	Mental Health Forum, Rotaract-GNITS.	10-10-2023	49
11	Winter Essentials Collection drive for Orphanage Donation, Rotaract-GNITS.	7-11-2023 to 10-11.2023	18
12	Vision Board designing completions at GNITS.	03-01-2024	22
13	National Youth Day – Swami Vivekananda Birth Day celebrations.	10-01-2024	59
14	Self Defence workshop by SHE Team, TS Police.	28-12-2023	117
15	National Girl child day by Women Safety wing, Cyberabad, Telangana Police.	24-01-2024	100

NSS activities conducted during: 2022 – 2023

S.No.	Name of the Activitity	Date	No. of participants
1	Awareness Programme on Rural Development by Aware Group, Hyderabad.	28-11-2022	312

2	Blood Donation Camp by Rotary Club, Hyderabad Central.	22-12-2022	135
3	Free Medical Camp by Vijaya Diagnostics, Hyderabad.	08-03-2023	122
4	Awareness Programme on Narcotic Drugs with adverse effects.	03-06-2023	35
5	Provision of tableware, Street Cause, Hyderabad.	24-05-2023	25
6	CC Cameras Installation.	23-05-2023	15
7	RFC 9.0, Concert.	08-04-2023	33
8	Online Competitions for Skill Development.	25-01-2023	40
9	Winter Clothing Drive, Corporate social responsibility.	08-01-2023	45
10	Sports Equipment, Corporate social responsibility.	20-12-2022	50
11	Vastra Daana, Corporate social responsibility.	23-09-2022	30
12	Menstrual Hygiene, Corporate social responsibility.	25-09-2022	20
13	School Supplies stationery, Corporate social responsibility.	19-09-2022	35
14	Career guidance, Corporate social responsibility.	12-09-2022	40
15	Distribution of Benches.	08-09-2022	65
16	Providing Laptop and Projector, Corporate social responsibility.	26-07-2022	20
17	Distribution of benches and water purifier, Corporate social responsibility.	10-07-2022	20
18	Creating a model Parliament, MUN, Rotaract-GNITS.	28-01-2023	100
19	Dr. Reddy’s Labs women safety awareness session.	10-02-2023	100

NSS activities conducted during: 2021 – 2022

S.No.	Name of the Activitity	Date	No. of participants
1	Blood Donation Camp by Red Cross, Hyderabad.	07-04-2022	68
2	Free Medical Camp by Vijaya Diagnostics, Hyderabad.	08-04-2022	138
3	Haritha Haram at GNITS, Hyderabad.	18-04-2022	150
4	Free Distribution of Beds and Pillows for Needy people, Abdullapurmet Mandal, Telangana.	03-02-2022	6
5	Provision of Cooking suppliences.	18-04-2022	25
6	Construction of Handwash and Running system.	18-04-2022	10
7	Construction of water tank.	03-03-2022	10
8	Blanket donation drive.	16.04-2022	25
9	Provision of lights wiring and school gate.	26-11-2021	15
10	Provision of Benches.	30-11-2021	30
11	Garbha Night for Fund-Raising.	19-10-2021	1289
12	Global Young Leaders Conclave, Rotaract, Hyderabad.	07-10-2021	115
13	Awareness program on home sparrow conservation launch, Rotaract-GNITS.	24-03-2022	120
14	What do you need from Freedom, Rotaract-GNITS.	15-08-2021	40
15	University Diversity, Rotaract-GNITS.	15-08-2021	45
16	Project Akshaya-Donation of Earthen Pots, Rotaract-Hyderabad.	26-04-2022	26

17	Awreness Program on home sparrow conservation launch, Rotaract-Hyderabad.	24-03-2022	120
18	Project Akshaya-Donation of Earthen Pots, Rotaract-Hyderabad.	26-04-2022	21
19	“Train the Trainer” Volunteering program – “Girl safety club”.	17-11-2021	36
20	Girl safety club “ABHAYA” Awareness Program.	30-11-2021	2200
21	International Women’s Day one week celebrations.	07-03-2022 to 11-03-2022	120

NSS activities conducted during: 2020 – 2021

S.No.	Name of the Activitity	Date	No. of participants
1	Serving Food for Needy People at ESIC Hospital (Sanath nagar) in Pandemic.	18-08-2021 to 19-08-2021	6 (250 Food Packets were served)
2	Haritha Haram at GNITS.	16-07-2021	12
3	Yoga for Old People.	07-02-2021	15
4	Personality Development Program.	26-01-2021	20
5	Blanket drive in the streets of Hyderabad.	18-12-2021 and 19-12-2021	70
6	Provision of school equipment to Government Nehru Memorial school, Hyderabad.	29-11-2020	59
7	Provision of groceries to karuna Jyothi Orphanage, Hyderabad.	30-11-2020	44
8	Slum Adoption Project, Hyderabad.	22-11-2020	50

9	Sanitation Work at Amma Ashramam, Warangal.	08-09-2020	34
10	Slum Adoption Project, Hyderabad.	04-09-2020	80
11	Walking Sticks Distribution in Yenkannapally village.	05-08-2020	24
12	Building Water Tank in Yenkannapally Village.	06-08-2020	85
13	Medical camp in Nidmanoor, Nalgonda Dist.	23-08-2020	129
14	Stationery Distribution to Telangana Primary School, Nalgonda District.	23-08-2020	50
15	Health Awareness Program to Villagers of Nidmanoor, Nalgonda Dist.	23-08-2020	18
16	Personality Development Program to students of Telanagana, primary School, Nalgonda District.	23-08-2020	10
17	Distribution of groceries care Warriors Foundation Hyderabad.	09-08-2020	45
18	“TRAIN THE TRAINER” by Telangana Police Women safety wing.	04-01-2021 to 08-01-2021	29

NSS ACTIVITIES CONDUCTED 2022-2023

- Awareness Programme on Rural Development by Aware Group
- Blood Donation Camp by Rotary Club, Hyderabad Central
- Free Medical Camp by Vijaya Diagnostics
- Awareness Programme on Narcotic Drugs with adverse effects

1.A Report on Awareness Programme on Rural Development by Aware Group

GNITS NSS Unit had organized “Awareness Program on Rural Development” on 28.11.2022. The programme was chaired by Dr. P.K.S. Madhavan, Chairman of Aware group.

As a part of this program our honorable Chief Guest had shared this life time experiences on working with up lifting of Naga tribals of Shillong, Meghalaya et.c.

The programme was grand success with the presence of 312 students and several staff members along with the Vice Chairman, Principal of GNITS.

Hyderabad, Telangana, India

Hyderabad, Telangana, India

2. A Report on Blood Donation Camp by Rotary Club, Hyderabad Central

Blood Donation camp was conducted on 22nd December, 2022 at GNITS in collaboration with Rotary Club, Hyderabad Central, Hyderabad. In this camp 40 volunteers participated. This camp was successful with 118 Donors including staff and students. The Chairman of the college Sri. P. Subba Reddy garu and Principal Dr. K. Ramesh Reddy garu have appreciated the initiative and the social responsibility of the students in donating the blood.

3. Report on Free Medical Camp by Vijaya Diagnostics

As a part of Silver Jubilee Celebrations GNITS NSS Unit had organized a free medical camp on 08.03.2023, in association with Vijaya Diagnostics, Hyderabad. For this free medical camp there were 62 faculty and 60 students have taken free medical checkups.

In this regard, Chairman, Sri. P. Subba Reddy, Principal Dr. K. Ramesh Reddy appreciated the faculty and students for their active involvement in camp.

Report on Awareness Programme on Narcotic Drugs with adverse effects

GNITS NSS Unit had attended awareness programme on “Narcotic Drugs and adverse effects” at JNTUH in association with Telangana state counsel of higher education on 3rd June, 2023. The programme were chaired by Hounourable Justice of High Court Sri. B. Vijay Sen Reddy, Chairman, TSCHE Professor R. Limbadri, Vice Chancellor of JNTUH Prof. K. Narasimha Reddy, Registrar, of JNTUH Prof. M. Manjur Hussain and Rector of JNTUH Prof. A. Goverdhan. They have given awareness on Narcotic drugs and its effects in students. This program was grand success with the presence of 1500 students and several staff from different colleges, out of which 25 NSS Volunteers and 10 staff were attended from GNITS.

GPS Map Camera
Hyderabad, Telangana, India

NATIONAL SERVICE SCHEME ACTIVITIES (2021-2022)

TOTAL NUMBER OF VOLUNTEERS: II/IV B.TECH-100 VOLUNTEERS

NSS ACTIVITIES

- Blood Donation Camp by Red Cross
- Free Medical Camp by Vijaya Diagnostics
- Haritha Haram at GNITS
- Free Distribution of Beds and Pillows for Needy people

1. **Blood Donation Camp**

As a part of Silver Jubilee Year GNITS NSS was conducted Blood Donation Camp on 07th April 2022 at GNITS in collaboration with Red Cross Society, Vidyanagar, Hyderabad. 50 volunteers participated in the camp. The camp was successful with 68 Donors including staff and students. In this regard, college Chairman Shri. P Subba Reddy garu, Principal Dr. K. Ramesh Reddy, appreciated students with their social responsibility.

2. Free Medical Camp

As a part of Silver Jubilee Year GNITS NSS was organized at GNITS on 8th April, 2022, in association with Vijaya Diagnostics, Hyderabad. For this free Medial Camp, there were 138 faculty have taken free Medical checkups. In this regard, Principal of the college Dr. K. Ramesh Reddy has appreciated the faculty for their active involvement in camp.

3. Haritha Haram at GNITS

As a part of Silver Jubilee Year GNITS NSS was organized a Haritha Haram programme on 18th April, 2022 at GNITS. In this progaramme we have taken initiative to plant 150 saplings at different places of GNITS. For this Haritha Haram programme Chief guest was Dr. S. Shobha Rani, NSS Programme Coordinator, JNTUH. In this regard, around 150 members participated in the event including Chairman Shri P. Subba Reddy and Principal Dr. K. Ramesh Reddy and made it a grand success.

4. Distribution of Beds to Needy people

As a part of NSS activities in GNITS, we have distributed 48 beds and 50 pillows to the poor and needy people in good condition to Emmanuel Children home society, Plot No. 81 & 82 Tharamathipet village, Abdullapurmet Mandal, Telangana state. In this regard, Principal Dr. K. Ramesh Reddy, NSS Programme Officer Dr. NVSL Narasimham and Medical Cell Coordinator Mr. Rammohan Reddy were participated and made it success

NATIONAL SERVICE SCHEME ACTIVITIES (2020-2021)

TOTAL NUMBER OF VOLUNTEERS: I/IV B.TECH-100 VOLUNTEERS

NSS ACTIVITIES

- Serving Food for Needy People at ESIC Hospital (Sanath nagar) in Pandemic
- Haritha Haram (Conducted after Lockdown)

Serving Food for Needy People at ESIC Hospital (Sanath nagar) in Pandemic

As a part of NSS activity, G. Narayanamma Institute of Technology and Science (For women) has organized 2 Day Program "**Serving Food for Needy People at ESIC Hospital (Sanath nagar) in Pandemic"** on 18th and 19th of August 2021. In this connection on two days **250** Food packets were distributed for needy people.

Haritha Haram (After Lockdown)

As a part of NSS activities in GNITs we have organized a "**Harith Haram"** program on **16th July, 2021**. In this program we have taken the initiative to plant **100 Saplings,** 50 members participated in the event including Chairman Sri. P. Subba Reddy and Principal and Dr. K. Ramesh Reddy and made it a grand success.

C. Annual Student Activities (4)

Professional Bodies Chapters IEEE,CSI,IETE

IEEE Activities conducted for Academic Year 2023-2024

S No.	Date	Technical Events	No. of Participants
1	20-12-23	PELS Distinguished Lecture	40
2	02-12-23	ECOSHE Summit	144
3	24-11-23	PES Global Workshop	10
4	19-11-23	Humanitarian Activity	5
5	19-10-23	IEEE Day Celebrations	190
6	25-09-23	IES Industrial Visit	9
7	25-09-23	Latest Trends in Battery Energy Storage Systems	115

8	15-09-23	AI and Human Intelligence	142
9	08-09-23	Guest Lecture	72
10	17-08-23	IEEE Excom Meeting	10
11	10-08-23	IEEE Membership benefits Alumnae talk	42
12	08-08-23	IEEE Excom Meeting	12
13	14-07-23	IEEE Exceom Meeting	9
14	16-06-23	Workshop_Electric Vehicles for E-Mobility	68

IEEE Activities conducted for Academic Year 2022-2023

S No.	Date	Technical Events	No. of Participants
1	16-06-2023	VIDYOUTH '23 1. Poster presentation 2. Olympiad 3. Paper presentation	24 152 24
2	3-12-2022	Opportunities on being IEEE Member & present Industry requirements	480
3	12-11-2022	A`MPHITECH (1. Web Speed, 2.Techdiz, 3. Tech Artistry, 4. Techflyer, 5. Physhhot)	21
4		A Plug and Play Operational Approach for implementation of an Autonomous- Micro-Grid Systems	224

IEEE Activities conducted for Academic Year 2021-2022

S No.	Date	Technical Events	No. of Participants
1	06-04-2022	Web Applications Security Project (OWASP)	109
2	15-03-2022	STAR Program	15 Excom members

3	01-12-2021	United Federal	40Members
4	26-09-2021	Digital Wellness	Collaboration event 67
5	10-07-2021	GATEWAY- An ultimate guideline to crack gate	74
6	03-07-2021	Node MCU Workshop	Collaboration event 126

IEEE Activities conducted for Academic Year 2020-2021

S.No.	Date	Technical Events	No. of Participants
1.	6/10/2020	IEEE day celebrations	34
2.	6/10/2020	Coding quiz	60
3.	23/01/2021	5 THINGS I WISH I KNEW WHEN I WAS 21	80
4.	21/03/2021	IEEE SB GNITS Orientation-Membership Drive	50
5.	21/04/2021	WeCode	175

Computer Society of India

About CSI

Computer Society of India formed in 1965, the CSI has been instrumental in guiding the Indian IT industry down the right path since its formative years. Today, the CSI has 73 chapters all over India, over 500 student branches, and more than 100000 members including India’s most famous IT industry leaders, brilliant scientists and dedicated academicians.

The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

CSI Activities conducted for Academic Year 2023-2024

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies / consultants involved with contact details (if any)	Organized at Institute/ State/ National

1	Drone Workshop	08/05/2023 to 10/05/2023	123	EDUQUIS TECHNOLOGY LLP	Institute
2	One day Boot camp on Big data Analytics	28-04-2023	62	Tech Mahindra,Data Scientist, Mr.P.Mohan	Institute
3	Exciting Career Opportunities after Engineering.	13-04-2023	90	EducateNXT, Gopinath Purala, Head-Institutional Alliances, Phone No: 7794931347	Institute
4	Bootcamp on Cyber Security	24/03/2023 to 25/03/2023	86	Indian Servers Pvt.Ltd, Mr. Dhamaraju Sai Satish, CEO, Indian Servers, Phone No: 9618222220	Institute
5	Bootcamp on Augmented Reality	3/01/2023 to 4/01/2023	89	Deep Loops Pvt.LtdMr.Surya Tej, Phone No:8143418505	Institute
6	Session on "Data Science in Organizations-Practical Considerations	17-09-2022	106	Ms.Amulya Sree, Senior Analyst,HSBC, Phone No:9966689216	Institute
7	Workshop on "Amazon Web Services"	22/08/2022 to 27/08/2022	40	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions Pvt. Ltd, Phone No:9502935039	Institute

CSI Activities conducted for Academic Year 2021-22

S No	**Name of the capability enhancement program**	**Date of implementation (DD-MM-YYYY)**	**Number of students enrolled**	**Name of the agencies/consultants involved with contact details** **(if any)**	**Organized at Institute/State/** **National**

1	Guest Lecture on Predictive Data Analytics	02-06-2022	24	Dr.S.Ravi Kumar Raju, Indo-French center for Promotion of Advanced Research Phone:996662344	Institute
2	Demo session on Virtual reality	11-04-2022	58	Ms.Anupama, Cymax Infotainment Pvt.Ltd.Phone: 9159421657	Institute
3	A Handson session on AWS Introduction	20-11-2021	47	Mr. Anil Kumar Kasukarthi, AWS Specialist, Leo Force A.I. Inc Phone: 8978833992	Institute
4	Guest Lecture on Introduction to Machine Learning	13-11-2021	296	Mr. Dileep Kumar, Data Science Architect at Intrinsic Science Lab Phone: 8978833992	Institute
5	A Session on Research Innovation and Incubation	16-09-2021	70	Mr. Suresh Kadari, CEO, Cedura Testsol PVT LTD. Phone: 7093600949	Institute
6	Value added course on MERN stack Application Developmenmt	23-03-2022 to 06-04-2022	70	Mrs.Sruthi Vaja, Braian O Vision	Institute
7	Coding Contest (Hackathon)	28-10-2021	40	CSE Department GNITS	Institute
8	Online one-week International workshop on Java Programming and Android Applications	20-09-2021 to 25-09-2021	101	Mr. Prashanth and Mr. Madhukumar, Industry Expert,Brain O Vision PVT LTD Phone:9502935039	International

CSI Activities conducted for Academic Year 2020-21

S No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/ consultants involved with contact details (if any)	Organized at Institute/ State/ National
1	Online workshop on Web Appliction using FLASK	24-07-2021	66	Mr. Srinivas Battula, Sr Software Engineer, Wipro.Phine: 040-61427999	Institute
2	Online workshop on Web development using Django	17-07-2021	63	Mr. Bala Maheshwar Dundigalla, Brain O Vision Solutions PVT LTD Phone:9502935039	Institute
3	Online one-week National Level Workshop on React JS .	05-07-2021 to 10-07-2021	67	Mr. Ganesh Nag Doddi, CEO, Brain O Vision Solutions PVT LTD Phone:9502935039	National
4	Online webinar on Information Security Awareness Training	06-04-2021	103	Mr. Velichiti Krishna Chaithanya, Sr Information Security Consultant.Phone: 9000810043	Institute
5	Workshop on Docker-Empowering Development (Hackathon)	09-01-2021	110	Mr. Dr Dileep Ramesh Kumar, CEO, Intrinsic Science Lab, Mr. Srinivas Swaroop.Phone : 8978833992	Institute

ISTE Student Chapter

ISTE Student Chapter of G. Narayanamma Institute of Technology & Science, Shaikpet, is re-established in the academic year 2002 to make the student community to actively participate in ISTE activities to provide a common platform for students to exhibit their talent which helps their career development.

On behalf of GNITS Dr. K. Ramesh Reddy, Principal and Chindam Hari Prasad, ISTE Students Chapter Secretary collected Best ***ISTE Students Chapter*** for the academic year 2018-19 at 49th ISTE

National Annual Faculty Convention in 29th -30th November 2019 venue Siksha O Anusandhan Campus Bhubaneshwar, Orissa.

Every academic year under ISTE Students Chapter ***Engineer`s Day*** is celebrated every year on 15th September by giving away ***Young Promising Engineer Award*** to one student from each department who have excelled in Academics, Extracurricular & Cocurricular activities with their all-round performances.

ISTE Activities conducted for three Academic Years

S.No	Academic Year	Technical Events	Awards
1	2022-23	Paper Presentation	Young Promising Engineer (Cash Prize of Rs 2500/-)
		Poster Presentation	
		Project Expo	
		Coding Hackathon	
		Tecathon	
		Techvistra	
		TECH-WHIZ	
2	2021-22	Paper Presentation	Young Promising Engineer (Cash Prize of Rs 2500/-)
		Poster Presentation	
		Project Expo	
		Coding Hackathon	
		Tecathon	
		Techvistra	
		TECH-WHIZ	
		Escape Rooms	
		Criss Cross Words	
		Quizzie Buzzi	
		Hackathon	
		Jest terrain	
3	2019-20	Paper Presentation	Young Promising Engineer (Cash Prize of Rs 2500/-)
		Poster Presentation	
		Project Expo	
		Hackathon	
		Robotron (Battle Bots &Line Follower)	
		Technobuzz	
		Escape Rooms	

		Manetronics	
		Voltrix	
		Techtoast	

IETE ISF student's committee-GNITS

- The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Founded in 1953.
- The IETE Student Chapter of G. Narayanamma Institute of Technology & Science, Shaikpet, was established in the academic year 2003 with the aim of encouraging active participation in IETE activities and enhancing students' technical and communication skills to facilitate their career development.
- It organize different technical events every year through our IETE student chapter. These include things like quizzes, coding puzzles, presentations, guest talks, workshops, contests, project expos, treasure hunts, industrial visits, and mock interviews.
- Bagged consecutively 3 times IETE ISF Awards given by IETE Hyderabad centre (over all Telangana and AP) –

2021 year- 2nd Best ISF Faculty Coordinator Award

2022 year- Best IETE –ISF college Award

2023 year- 2nd Best IETE –ISF college Award.

Receiving Best IETE ISF college Award 2023

at IETE Hyderabad centre

Receiving Best IETE ISF college Award 2022

at IETE Hyderabad centre

2nd Best IETE-ISF coordinator Award 2021

IETE-ISF Events summary of the academic year 2022-23

S.No	Date	Name of the Event	Total no. participants
1	18/10/2022	Technical Quiz	168
2	9/12/2022	Tech Codopuzz	50
3	09/02/2023	Seminar on Engineering applications with Embedded systems	208
4	18/03/2023 & 27/03/2023	Industrial visit to ATC AAI SHAMSHABAD	43 53
5	29/03/2023	Industrial visit to NRSC	106
6	20/04/2023	Industrial visit to Kwality Photonics Pvt.Ltd	51
7	21/4/2023	Technical Treasure Hunt	22

IETE-ISF Events summary of the academic year 2021-22

S.No	Date	Name of the Event	Total no. participants
1	25/09/2021	Techincal Quiz	30
2	30/10/2021	Code Debugging challenge	24
3	04/12/2021	Hardware Design Test	100
4	23/10/2021	Mock Interview	40

5	18/12/2021	Paper Presentation	61
6	05/01/2022, 06/01/2022	Industrial visit to Kwality Photonics	100 105
7	08/04/2022	Poster Presentation	22
8	21/03/2022	Seminar on IoT and Robotics	173

IETE-ISF Events summary of the academic year 2020-21

S.No	**Date**	**Name of the Event**	**Total no. participants**
1	09/01/2021	Virtual Ideathon	22

10 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (120) Total Marks 120.00

10.1 Organization, Governance and Transparency (55) Total Marks 55.00

10.1.1 State the Vision and Mission of the Institute (5)

Institute Marks : 5.00

A. Availability of the Vision and Mission of the Institute (2)

Vision:

To become a center of quality education in Engineering and Technology for women empowerment.

Mission:

To fulfill the academic aspirations of women engineers for enhancing their intellectual capabilities and technical competency.

To Leverage Leading – Edge Technologies and cultivate exemplary work culture.

To facilitate success in their desired career in the field of engineering to build a progressive nation.

The Vision, Mission of the Institute have been adequately disseminated and published

at:

1. Website link : https://www.gnits.ac.in/vision-mission/ (https://www.gnits.ac.in/vision-mission/)
2. Principal Chamber
3. Library
4. All the department
5. Laboratory
6. Student Attendance Registers
7. Syllabus

The Vision, Mission of the Institute have been adequately disseminated and published

at:

1. Website link : https://www.gnits.ac.in/vision-mission/ (https://www.gnits.ac.in/vision-mission/)

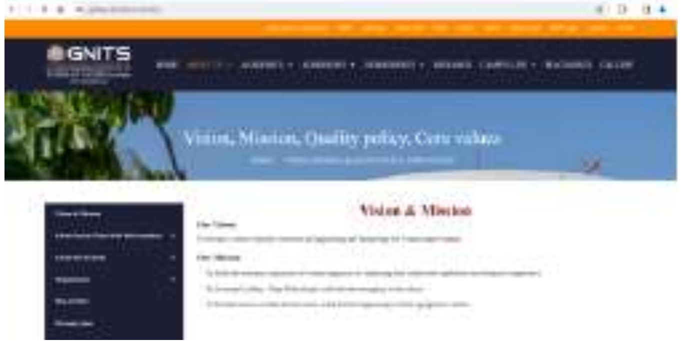


Fig: 10.1.1.1 : Availability of Institute Vision Mission in the college website

2. Principal Chamber

Fig: 10.1.1.2 : Availability of Institute Vision Mission in the Principal Chamber

3. Library

NEWS PAPERS
JOURNALS & MAGAZINES
e-LEARNING

Fig: 10.1.1.3 : Availability of Institute Vision Mission in the Library

4. All the department

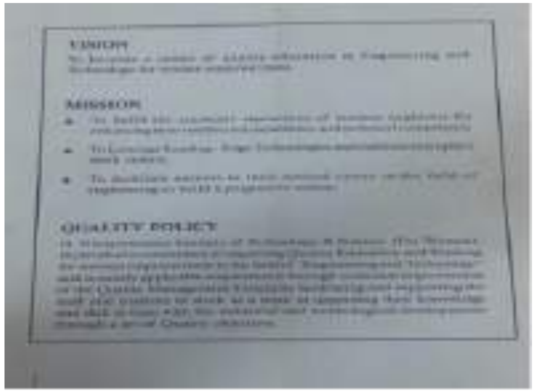
RAGGING
ISTE

Fig: 10.1.1.4 : Availability of Institute Vision Mission in the Departments

5. Laboratory

Fig: 10.1.1.5 : Availability of Institute Vision Mission in the Laboratory

6. Student Attendance Registers



VISION

MISSION

QUALITY POLICY

Fig: 10.1.1.6 : Availability of Institute Vision Mission in the Student attendance registers

7. Syllabus Books

Fig: 10.1.1.7 : Availability of Institute Vision Mission in the Syllabus books

B. Appropriateness/Relevance of the Statements (3)

VISION	**M1** To fulfill the **academic aspirations** of women engineers for enhancing their **intellectual capabilities** and **technical competency**	**M2** To Leverage Leading – Edge Technologies and cultivate exemplary work culture.	**M3** To facilitate **success in their desired career** in the **field of engineering** to build a **progressive nation**
Center of Quality Education	• Academic Aspirations • Intellectual Capabilities	• Leading – Edge Technologies • Exemplary Work Culture	• Field of Engineering • Progressive Nation
Engineering and Technology	• Academic Aspirations • Intellectual Capabilities • Technical Competency	• Leading – Edge Technologies	• Field of Engineering • Success in Desired Career

Women Empowerment	• Academic Aspirations • Intellectual Capabilities • Technical Competency	• Leading – Edge Technologies • Exemplary Work Culture	• Success in Desired Career • Progressive Nation
Correlation	**2/3+3/3+3/3** **= 2.67**	**2/2+1/2+2/2** **= 2.52**	**2/2+2/2+2/2** **=3**

10.1.2 Availability of the Institutional Strategic Plan and its Effective Implementation and Monitoring (25)

Institute Marks : 25.00

Availability of a 5 year Strategic Plan:

G.Narayanamma Institute of Technology & Science, "**a leading Engineering college in Hyderabad for women**, "was founded by late Sri G.Pulla Reddy garu in 1997, with an objective of providing excellent learning facilities for women to pursue education in Engineering since two decades. The aim is to promote Technical Education among women to enhance and build-up a new generation of thinkers, innovators and planners in the realms of Science and Technology. GNITS, a **Top Women's Engineering College in Hyderabad** received UGC autonomous status for 10 years from 2018 and is affiliated to Jawaharlal Nehru Technological University (JNTU-H), Hyderabad. It is approved by All India Council for Technical Education (AICTE), accredited by NAAC & NBA (AICTE) and ISO 9001:2015 Certified Institution.

Availability of Strategic Plan in Institutional website: https://www.gnits.ac.in/strategic-plan/ (https://www.gnits.ac.in/strategic-plan/)

Objective 1: Governance and Decentralisation

Strategies:

- Faculty retention with Career Advancement Schemes.
- Enhancing educational opportunities and outcomes through comprehensive support and resources for student success.
- Promote sustainability through the adoption of renewable energy, energy efficiency measures and eco-friendly practices.
- Financial support to the faculty for attending workshops ,International Conferences, Professional Memberships ,Patent Filing etc.

Metrics/KPIs:

- No. of faculty promoted under CAS.
- School adoption and activities conducted.
- No. of faculty receiving financial support.
- Energy generated by use of solar panels.

Objective 2: Provide an excellent environment for enabling education, research, and innovation with improved space utilization.

Strategies

- To construct new buildings for the academic purpose.
- Construct an Auditorium/Seminar Halls/Conference Halls with different capacities.
- Establish an Audio Visual Centre /Recording Centre with latest tools.
- Equip more than 50 % of classrooms and laboratories with Smart Boards.
- Upgrade the Internet speed from 500 Mbps to 1000 Mbps.
- Increase the subscription for online journals and databases.

Metrics/KPIs

- No. of new buildings constructed.
- Auditorium/Seminar Halls and its capacity
- No. of classrooms and Labs equipped with smart boards and Lecture Capturing System.
- Speed of Internet.

- No. of subscriptions for online journals and books.

Objective 3: To innovate and adopt technology enabled pedagogy.

Strategies:

- Use of blended teaching methodology involving traditional, interactive, and ICT enabled pedagogical techniques.
- Enhance the number of Courses focusing on Skill development and Employability.
- Introduce Interdisciplinary courses as Open electives.
- Introduce Courses focusing on Cross Cutting Issues.
- Encourage the students to complete Value Added/Certification Courses.

Metrics/KPIs :

- .Percentage of faculty using ICT enabled pedagogical techniques.

- Percentage of Courses focusing on Skill development.
- Percentage of Courses focusing on Employability.
- Percentage of Courses focusing on Cross Cutting Issues.
- No. of students completed Value added Courses/Certification Courses.

Objective 4: To create awareness and opportunities in Research, Innovation and Development among the faculty and students and generate innovative ideas and solutions to the academic, research and societal problems.

Strategies:

- Increase the number of Doctorates.
- Increase the number of research publications in reputed journals, conferences, books, and book chapters.
- Increase the funding of research projects from government agencies such as DST, SERB, DSIR etc.,
- Establish a minimum of two Memorandum of Understanding (MOUs) with reputed Institutions and expand the range of activities under each MOU annually.
- Provide seed money grants worth five lakhs for each department to support faculty research.
- Provide support for patent writing and publication.
- Organize an international conference at least once every year

Metrics/KPIs

- Number of Doctorates.
- Number of research publications in reputed journals
- Number of conferences, books, and book chapters.
- No. of Funding research projects from government agencies such as DST, SERB, DSIR etc.,
- Number of Memorandum of Understanding (MOUs) with reputed Institutions and expand the range of activities under each MOU annually.

- Seed money grants to support faculty research.
- No. of patents published/granted
- National/ International conference at least once every year

Objective 5: Enhancing Quality of student placements in terms of both numbers and companies and median salary.

Strategies:

- Organize department-specific value-added programs at least twice a year.
- Increase the number of companies participating in placement drives by at least 5% and raise the median salary by 5% compared to the previous year.
- Increase the student enrollment for in campus training provided for students in GRE, Civil Services and GATE.
- Increase the number of recruiters for hiring.

Metrics/KPIs

- No of training programs for placements and CGC.
- No. of Students placed
- No. of companies Visited
- Highest Salary
- Average Salary.

Objective 6: To implement targeted outreach campaigns to engage alumni, highlighting the impact of their contributions on the institutes growth and student success

Strategies:

- To maintain the Alumnae Database.
- Conduction of Alumnae Meet/Chapters at different locations based on Alumnae strength.
- Increase the Alumnae financial contributions every year by 5%.
- Identifying distinguished Alumnae branch wise and facilitating them as mentors to guide the Students for Internships, Project Work and Career Guidance.
- Impart industry ready skills to students through alumnae interactions.

Metrics/KPIs

- Number of courses/workshops/networking events conducted by alumnae per year.
- Number of Alumnae Chapters.
- Alumnae financial Contributions.

CASE STUDY ON PLACEMENTS

GNITS provides excellent training and placement facilities, leading to improvements in placement statistics such as the highest package, average salary, and median salary. Recruiters such as Microsoft, PayPal, Service Now, Twilo, Salesforce, Adobe, Micron, Visa, JP Morgan Chase, and Amazon are actively involved in the placement process.

For the academic year 2023-2024, there have been significant improvements in placement statistics compared to the academic year 2022-2023:

- The highest pay package has increased by 10%.
- The average salary has improved by 12%.
- The median salary is being maintained with a possibility of improvement as the current academic year progresses.

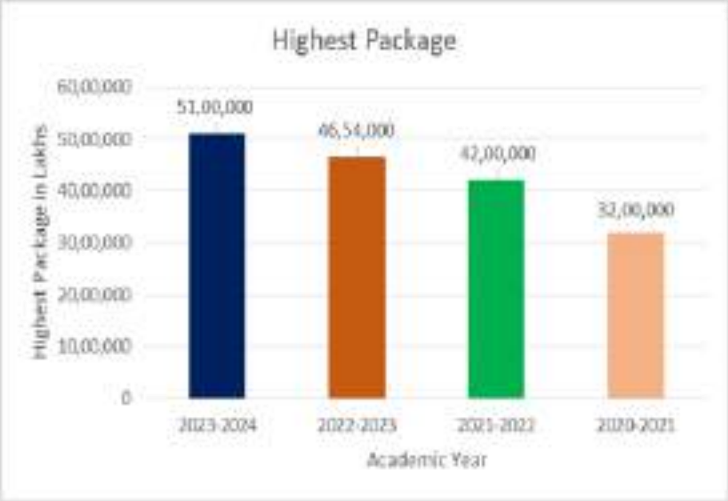


Fig: 10.1.2.1 Highest Package in Placements

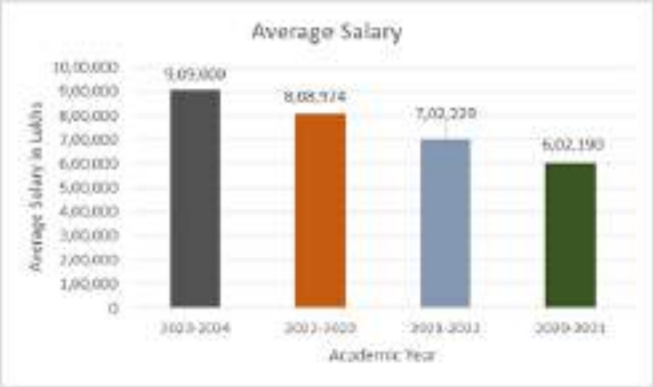


Fig: 10.1.2.2 Average Salary in Placements

10.1.3 Governing body, administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies (10) Institute Marks : 10.00

A. List the Governing Body Composition and its Sub Committees, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; participation details of external members and attendance therein (4)

The published rules including service rules, policies and procedures; year of publication shall be listed. Also state the extent of awareness among the employees/students.

The institute has 4 Academic and Administrative Bodies and 35 committees/cells to ensure proper management of academic, financial and general administrative affairs as per the norms prescribed by AICTE and UGC. The roles and responsibilities of each committee are described in Table 10.1.3. The list of committees and its constitution is given from Tables 10.1.3.1 to 10.1.3.39

Table 10.1.3 Description of Committees

S. No.	Names of academic and administrative bodies	Functions and responsibilities	Frequency of meetings
1	Governing Council	Uphold college vision and mission, ensuring both academic and administrative autonomy. Governing Council decides on all policies, overseeing academics, HR, finance, and more. Approve curricula and new study programs. Award scholarships and ensure financial management. Thoroughly discuss matters of Academic and Finance Committees. Manage physical resources for academic excellence. Ensure regulatory compliance in all decisions. Ratify minutes of key meetings. Pursue accreditations from regulatory bodies. Oversee non-statutory committees and funding applications.	Yearly Once
2	Academic Council	· Enhance academic affairs. · Guide instructional methods and assessment. · Address academic concerns effectively. · Approve proposals from the Board of Studies. · Introduce industry-aligned courses. · Prescribe study programs. · Develop admission regulations. · Formulate examination guidelines. · Maintain examination standards. · Establish sports and extracurricular guidelines. · Foster research activities. · Coordinate inter-departmental collaboration. · Ratify Board of Studies meeting minutes.	Yearly once
3	Finance Committee	· Act as an advisory body to the Governing Body · Budget estimates relating to the grant received/receivable from UGC, and income from fees, etc. collected for the activities to undertake the scheme of autonomy · Audited accounts for the above	Thrice in a year
4	Boards of Studies	· Approve COs, POs, PSOs, and PEOs for department programs. · Design syllabi aligned with departmental objectives. · Prepare contemporary syllabi based on industry needs. · Approve curriculum and structure for department programs. · Advise innovative teaching and evaluation methods. · Recommend examiners to the Academic Council. · Coordinate research, teaching, and consultancy. · Recommend new courses and improvements in teaching, training, and research standards.	Whenever required
5	College Academic Committee	· Formulate academic rules and regulations. · Approve the curriculum. · To review and evolve suitable academic procedures and upgrade the existing procedures for consistent and smooth academic functioning of the institute.	As and when required
6	Library Committee	Functions · The Library committee monitors the procurement of books, Journals and the allocation of the budget according to the recommendation of the heads of the departments. · To supervise the allocation and utilization of funds for different departments for the purchase of books and journals for the Central and Departmental libraries. · Advises and reviews library policies for instruction, resources, services, and the facility. · Advises regarding library services, especially innovation, for the campus community. · Discusses budgetary issues for books, journals, databases, media, etc. · To maintain liaison between Central Library and various Academic Departments for the purchase of networking of Departmental libraries with the Central Library.	Twice A Year

7	Anti-Ragging Committee	Function I: Basic measures · Constitution of AR committee · AR warning brochure and e booklet · Display banners: · Update website-contact details of nodal officer · Student affidavits. · Installation of CCTV cameras Function II: Counselling and monitoring · Regular interaction and counseling · Surprise inspection at hostels, canteens, toilets, bus stands etc. Function III: Creating Dissemination of the idea of ragging free campus · Anti ragging workshops: One awareness program conducted during AY 2122 · Safety and security apps. Function IV: UGC initiated measures. · Help line 1800-180-5522 · AR website : www.antiragging .in · AR competitions for students/staff/general public for the wider awareness of the menace of ragging. · TVCs:	2 to 3 meetings per year
8	Grievance Redressal Committee (Students)	Roles and Responsibilities: · Processing all individual complaints and taking suitable action as per college norms. · Forming/reviewing guidelines/policies for grievance redressal as required, in accordance with AICTE regulations. · Conducting meetings as necessary to discuss relevant issues, in consultation with the Principal. · Creating organization-wide awareness among stakeholders through awareness programs and displaying grievance registration mechanisms on the website and posters in prominent campus locations.	As and when required
9	Grievance Redressal Committee (Students)	· To formulate the policy to investigate and review grievances of staff · To investigate the causes of the grievances. · To ensure effectual solution depending upon the gravity of the grievance. · To take necessary action and implement them by the committee	As and when required
10	Examination/ Results Review Committee	Functions: · Conduct Internal and External Semester End Examinations of both B.Tech and M.Tech. · Conduct Central and State Government Service Exams such as UPSC, RRB, TS GENCO, TS TRANSCO, TSPSC, Police Recruitment etc. · Any Circular, Guidelines, Office Order, Notification received from the Chief Controller of Examinations (Principal) / Controller of Examinations are processed in the cell. · To work according to the guidelines of Controller of Examinations regarding distribution of Examination Forms, Fee Collections, issue of Hall Tickets, Transcripts etc. · Release of Academic Calendars, Preparation of Mid Examination and Semester End Examination Time Tables and send it to all the departments for smooth conduction of class work and examinations. · The Examination Cell shall prepare seating plan, arrangement of halls and requirement of Invigilators for the Semester End Examinations (SEE) and display them on the respective Notice Board/Website and Blocks. · Stationary pertaining to the Examinations such as answer sheets, drawing sheets, graph paper, trays, threads, water jugs etc. are made available. · The Exam Cell shall ensure that if any student caught during the exam by copying or chit or minor Xerox copies, then that case will be booked under malpractice, the same will be communicated to Principal through Controller of Examinations along with proofs. · The Examination Cell has procured sophisticated infrastructure to evaluate the student answer scripts. · All the results of both B.Tech and M.Tech (First Year to Final Year) shall be displayed on the respective student Notice Boards/College Website. A copy of the same shall be sent to the respective HODs. · Under the guidance of the Controller of Examinations, the Exam Cell shall analyze the exam results and the same shall be verified by the respective HODs. After due verification, copies of the result analysis shall be sent to HODs and the Principal.	Twice in a Year

11.	Research Advisory Committee	Functions: · To create advanced laboratory facilities and inculcate research interest among the students and faculty, together help the advanced technological development to meet the societal needs · To enhance the industry – institute relationship and aid the better product development in quality at reduced cost. · To pave the way for the utilisation of new corners of science to invent new or alternate technology and healthy solutions to the society at large, particularly to protect the public health and environment. · To facilitate and encourage the quality publications of the research work and share the results to the entire research community. · To build relationships through of MOUs for long term relationships with national and international research organisations and industries for widening the scope of research options and funding opportunities for faculty and students. · To develop, prescribe and administer rules and regulations to ensure the compliance of all researchers to the research quality assurance framework and the research code.	Twice in a Year
12.	NSS Committee	Functions: · The main objective of National Service Scheme is personality development through social service or community service. · The students have to understand themselves their relation to the community · Identify the needs and problems of the community and involve them · Developing social and civic responsibility · Improving leadership quality · Practice National integration · Developing the social harmony skills · This program aims at inculcating social welfare thoughts among the students by providing service to the society without any prejudice.	Twice in a Year
13.	Industry Institute Interaction / Partnership / Placement Committee	Functions: · Design & organize training programs to the students on strategically relevant competencies along with academics to make them industry ready. · Provide necessary behavioural inputs through structured programs that our students can take-up & overcome any challenges at work & personal front. · Organize periodical review on effectiveness on the training programs and establish a process for continuous learning. · Organize industry visits , expert sessions to update the knowledge on industrial recent trends. · Provide expertise counselling to every aspirant student to define their career interests. · Organize & Coordinate campus placement program to fulfil the commitment of every aspirant.	Two times for semester
14.	I & I Dept.	· Chairman - The person holds the responsibility of overall monitoring the day to day activity under IIC and AIC GNITS. · Dean- The person holds the responsibility of scheduling the year plan and monitoring the day to day activity under IIC and AIC GNITS. · Convenor - The person holds the responsibility of carrying out the day to day activity under IIC. · YUKTI coordinator(s) (I Cell) - Collection of ideas/ prototype/ startup information from students/ alumni/ faculty/ incubates of all departments within the institute and to verify the submission in Yukti NIR portal and also nominate ideas for national challenges. · Social Media coordinator(s) (EDC) - Publishing/ handling of all the social media related activities and tag the government entities like IIC, MHRD NITI Ayog etc from time to time. · Innovation Activity coordinator(s) - Innovation related activities like organizing ideathons and mentoring students to participate in intercollege ideation competitions. · IPR activity coordinator(s) (IPR Cell) - IPR related activities like mentoring in drafting, publishing and following up till granting of the patents. · Startup activity coordinator(s) (EDC) - dentifying potential startup ideas and curating it towards registration and participation in startup hackathons at incubators. · Design Thinking Coordinators (I Cell) -To immerse students into the world of innovation as a systematic process of tackling relevant business and/or social problems. To support students towards sketching, conceptualizing and developing an innovation in problem solving. · ARIIA coordinator(s) (I Cell) - ARIIA/IIC related activities follow up and updating the information in official websites from time to time. · NISP coordinator(s) (I Cell) - Execution of NISP related activities followup and uploading the information in the official website from time to time. · Member (I Cell, EDC & IPR) -The members are equally responsible and need to support the other coordinators in organizing the events, preparing the reports/minutes of the activities and updating the website and official portals from time to time.	Meet at monthly once
15.	Internal Quality Assurance Cell	Functions: · Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. · Dissemination of information on the various quality parameters of higher education. · Organization of workshops, seminars on quality-related themes and promotion of quality circles. · Documentation of the various programs/activities leading to quality improvement. · Acting as a nodal agency of the institution for quality-related activities. · Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.	Once in a Semester with External Members.

16.	Timetable committee	Functions: The Timetable Committee plays a crucial role in designing, implementing, and managing the academic schedule for students and faculty. The primary functions of the timetable committee include: · Design the academic schedule for each semester by considering the requirements of various departments and programs. · Allocating time slots for lectures, laboratory sessions, tutorials, and other academic activities · Ensuring efficient utilization of available resources such as classrooms, laboratories and faculty members and balancing the workload among faculty members and departments to avoid conflicts and overburdening · Coordinating the scheduling of the elective courses and specialised tracks within the curriculum. · Collaborating with various academic departments to understand their specific needs and constraints. Ensuring that departmental preferences and constraints are taken into account when creating timetables. · Ensure that the academic schedule adhere to college regulations and policies. · Communicate the finalized schedule to all stake holders including staff, students and administrative staff and also providing timely updates and information about change adjustment in the schedule	Thrice in a Year
17.	Alumnae Coordination Committee	Functions: · Provide a platform for the alumnae to share their experiences about internships, projects and placements to the present students. · Involve in curriculum development and taking feedback on institutional facilities for the betterment of students. · Take the valuable advices from the Alumnae for enlightening the present student’s career. · Conduction of alumnae meets. · Extend opportunities to the college in the internships and placements in reputed organizations. · Invite the Alumnae in good professional position for guest lecturers, seminars, workshops. · Institute awards for the Alumnae for their contribution to the College and the Society. · Acquire the information of the distinguished alumnae, to enrich alumnae-student relations that help present students to become more aware and get inspired by their achievements. Roles and Responsibilities of the committee members Coordinator: · To maintain the Alumnae Database. · To organize the alumnae meet every year in our college premises. · To suggest the committee members in designing the web page for Alumnae Committee. · To establish the network every year with alumnae. · To form student coordinators from each department. · To collect the feedback forms, survey forms and valuable suggestions from the alumnae.	Once in every 4 months
18.	Website committee	Functions: · To update information in all its forms in GNITS. · To display banners and posters about various events at department level as well as college level. · To provide required guidance for the needy students. · To provide latest news and updates.	Yearly once
19.	Games and Sports Committee	· To develop and maintain the sports infrastructure/ facilities. · To procure required sports and fitness equipment. · To prepare and monitor the sports teams for different inter college/ inter university/ state/ national level tournaments. · To create awareness about the importance of physical activity/ sports and motivating students towards the physical activity/ sports. · To organize intra-college and intra college competitions at the college and encourage the students to participate actively in organizing and conducting various indoor and outdoor sports and games in the college. · To maintain records of sports and games events attended by students within the college, within the university and outside at the region/state /national level and their achievements/ awards. · To submit annual report on the sports/ events and budget allocations & spent during the year.	Yearly Twice/Thrice as per the requirement

20.	Arts and Cultural Committee	Function: Providing the right platform to students to showcase and hone their talents in various fields like dancing, acting, singing, mime, mimicry etc. Roles and responsibilities of the convenor: · To identify the students both trained and interested in arts and cultural activities from among the students. · To create a student body with the student representatives. · To create a calendar of events focusing on different arts and cultural events. Roles and responsibilities of Faculty members: · To help in identifying the student representatives. · And in organising events and competitions. Roles and responsibilities of the students: · To help the convenor in identifying the talent. · Helping in identifying the events. · Helping in organising and coordinating the events.	Twice in a year
21.	Career Guidance Cell	· Event Organization: Plan and execute seminars, workshops, and guest lectures to expose students to diverse career opportunities. · Information Dissemination: Keep students informed about competitive examinations, eligibility criteria, and application procedures. · Promoting Career Fair Attendance: Encourage and guide students to participate in career fairs to explore industry opportunities.	Once for every semester
22	Indian Society for Technical Education (ISTE)	· Professional Development: Offering workshops, seminars, and certifications to enhance technical skills. · Networking Opportunities: Connecting students with professionals and industry experts through conferences. · Exposure to Industry Trends: Providing insights into current industry practices through guest lectures and industrial visits. · Competitions and Events: Encouraging innovation and excellence through technical competitions. · Leadership and Soft Skills: Offering leadership opportunities and promoting teamwork. · Continuous Learning: Keeping students updated on the latest developments in their field through publications.	4 to 5 per year
23	IEEE Student Branch	· IEEE SB Mentor will plan regarding future events and also take financial decisions. · IEEE SB Coordinator, IEEE SB Counsellor, Student Chair, Secretary will plan and decide on the events for the academic year and also contact for the right resource persons. · IEEE SB Coordinator, IEEE SB Counsellor, Student Chair, Secretary will plan for events related to IEEE membership. · IEEE Coordinator, IEEE SB Counsellor will call for the IEEE SB GNITS Administrative meeting, and do website updation. · IEEE Coordinator & IEEE SB Counsellor, will send the circular of the events to all the departments, intended to reach students. · IEEE SB Counsellor with plan to execute the events with the help of department faculty co-ordinators. · Chair/Vice chair/Secretary will draft the meetings of the meeting. Also the tools notice and reporting will be done. · Each of the department faculty coordinators will be incharge to executive the event and do the documentation of the event.	2 meetings per semester
24	CSI	· To provide a platform for networking, skill development, and ethical practices, while promoting continuous learning and contributing to the societal impact of information technology. · To organize workshops and guest lectures	1 meeting per semester
25.	IETE Student Forum	Responsibilities: · Promoting Technical Awareness: Raise awareness and interest among students in the field of electronics and telecommunication through technical sessions, workshops, and seminars. · Enhancing Skills: Provide a platform for students to enhance their technical skills, including hands-on experience with the latest technologies and tools. · Encouraging project development: students are encouraging to participate in project Expos, hackathons, and competitions to explore new ideas. · Facilitating Networking: Create opportunities for students to connect with professionals, experts, and peers in the industry, promoting networking and collaboration. · Career Development: Offer resources and guidance to help students with career planning through mock interviews and skill development programs. · Soft Skills Development: Coding challenge, workshops and activities to improve communication skill, teamwork, leadership, and other soft skills essential for professional success.	Yearly once
26.	Canteen Committee	Functions · To supervise, take steps for the maintenance of canteen facilities with hygiene. · To maintain and control the quality of the food supplied in the canteen. · To modernize the canteen equipment and cooking procedures.	2 per year
27.	College Magazine Committee	· Convenor sends circulars, conducts meetings, collects the information for the newsletter from the various departments of the college and sends to the printing press after editing & proof-reading the information. Convenor also visits the press to attend to the work such as style, indentation, grammar check and final look of the newsletter. · The Chief Editor too assists in giving the supplementary and necessary information, photographs etc. for the newsletter. · The faculty committee members of the various departments collect the information of the respective departments in the prescribed format/template and hand it over to the convenor. · The student committee members collect the student information of the respective branches and hand it over to the concerned faculty committee member.	Twice a year

28.	NPTEL &FDP	NPTEL Roles and Responsibilities · The Role of NPTEL Local Chapter is to act as a local link between students/faculty in the institution and SWAYAM-NPTEL. · Inculcate mode of self-learning and get access to lectures of IIT/IISc. · Promote NPTEL certification courses in the college · Help students/faculty enrol to courses · Identify Mentors amongst the faculty and adding Mentor. · Request for Exam City, Fee, waiver. · Accessing the Exam Results and Distributing e-certificates for Faculty and Students. · Arranging Orientation classes for students to create Awareness on NPTEL online courses FDP Roles and Responsibilities The main responsibility of this cell is · To organize various faculty development programmes and training programmes in different fields. · To identify the resource persons based on the relevance of area of training. · To arrange training courses based on the interest of the faculty to update their knowledge with the current scenario in any particular stream. The knowledge gained by the faculty will be implemented in their future endeavours. · To help the faculty to adapt with present outcome based education and improve their teaching strategies to accomplish their duties with effective time management skills. · To train the faculty members in different verticals like life skills, time management, stress management, professional development, latest technologies, knowledge enhancement, industrial requirement and societal needs. · To meet the present curriculum which is student’s centric, more preference is focused on outcome based pedagogic trainings. This will help to achieve self-development of faculty, department, enhance placement opportunities to students and contribute to institutional growth to meet present industrial requirement	Twice in a month
29.	Purchase Committee	Functions: · Identifying The Procurement Needs Of The College, Including Equipment, Supplies, And Services Required For Various Departments Or Projects. · Collaborates With Relevant Stakeholders To Determine The Budget Allocated For Procurement Activities And Ensures That Purchases Are Within The Approved Financial Limits. · Researches And Evaluate Potential Vendors, Considering Factors Such As Quality, Reliability, Pricing, And Delivery Capabilities. They May Also Maintain A List Of Approved Vendors. · Prepares And Issue Request For Quotations To Vendors, Clearly Specifying The Required Products Or Services, Quantities, Delivery Timelines, And Any Other Relevant Terms. · Reviews And Compare The Received Bids Or Quotations From Vendors, Assessing Factors Like Compliance With Specifications, Pricing, Warranty, And After-Sales Support. · Reviews And Approves Purchase Requests, Ensuring That They Align With The Institute’s Procurement Policies And Budgetary Constraints. · Generates And Processes Orders, Documenting The Details Of The Approved Purchases And Communicating Them To The Selected Vendors. · Monitors And Manages The Inventory Of Procured Goods, Ensuring Proper Storage, Distribution, And Tracking To Avoid Excess Stock In The Store. · Ensures That All Procurement Activities Adhere To Legal And Ethical Guidelines, Promoting Transparency, Fairness, And Accountability In The Purchasing Process. · Maintains Relationships With Vendors, Addressing Any Concerns, Resolving Disputes, And Fostering Long-Term Partnerships Based On Mutual Trust And Collaboration Keeping Intrust Of Institute.	Whenever required
30.	Press and Social Media Committee	Objectives: · Enhance GNITS visibility by spotlighting diverse activities and achievements across social media platforms. · Drive student engagement through compelling content that encourages active participation in college events. · Bridge the GNITS community with the external community by sharing interactive and informative content. · Ensure seamless communication of important updates to both internal and external stakeholders via social media. · Uphold GNITS positive brand image by consistently showcasing its strengths and achievements. · Promote college events to attract a broader audience, fostering a positive impact beyond the campus.	2 times per year
31.	Environmental Club	Functions · To ensure the institution environmental friendly/green campus through pollution free initiatives. · To make the adaptable policies to make our institute sustainable campus. · Bridging the gap between institution and government, NGOs, Environmental field experts etc. by establishing networking with them. · Pertaining and implementing the UN Sustainable Development Goals (SDGs) in the institute level policies. · Smooth conduction of events of the club by organizing various Observance of Days to protect and Nurture Environment periodically.	Once in 4 (or) 6 months depending on events and activities to be organized/conducted
32.	Hostel Committee	· Acts as a bridge between the administration, caterers, hostel authorities on one side and the students on the other. · Facilitates the grievance redressal of students and communicates the same to the concerned authorities. · Keeps a check on the daily issues regarding the hostel infrastructure, the housekeeping issues, mess facilities, etc. · Ensures an enriching stay at the campus.	Monthly once

33.	Admission Committee	Functions: · Collect the related documents and required fee from the students admitted in the college. · Prepare vacancy position list. · Conduct spot admissions. · Upload admitted candidates' data in the government authorized admissions website. · Prepare final list of students branch wise and section wise with roll numbers.	Yearly once
34.	SC/ST Cell	· The Scheduled Caste (SC) and Scheduled Tribes (ST) Cell is established in the institution to promote the special interests of students in the reserved category. It provides special inputs in areas where the students experience difficulties. The committee members of the Cell counsel and guide SC/ST students to manage the academic and personal issues of campus life effectively. · To ensure provisions of an environment where all such students feel safe and secure. · To provide prompt counselling for any emotional emergencies arising on account of any event at the campus. · To create awareness of the facilities available on campus. · To address the issues of SC/ST students to overcome their inhibitions and concerns. · Skill and Personality Development Centre (SPDC), an AICTE Funded Project established in the year 2019 conducts special classes every week as per the Time table on Soft skills, Communication Skills, Employability Skills, Career guidance, Technical competencies for the SC/ST students. In addition, guest lectures are arranged by the SPDC Centre to educate the students on their career opportunities and the skills they need to build up during their course.	Once in a year
35.	Ethics and Conduct Committee	· The Committee conducts awareness programmes on GNITS CODE OF ETHICS AND CONDUCT to be followed by all the stakeholder – students, staff, faculty and parents. · Any violation of Code of Ethics and Conduct shall be addressed strictly by the concerned authorities to ensure smooth functioning of the academic and administrative works. · Any cases of unethical behaviour by the students/staff observed and brought to the notice of the concerned authorities/committee, strict action against the member shall be taken as stipulated in the GNITS CODE OF ETHICS AND CONDUCT handbook. · The Committee conducts awareness programmes on GNITS CODE OF ETHICS AND CONDUCT to be followed by the entire stakeholder – students, staff, faculty and parents.	Twice in a year
36.	Medical Cell	· To conduct awareness programmes on timely preventive, promotive and curative health services to all the students and staff on the campus · To periodically conduct Medical Camps · The Coordinator has to guide the Medical Committee Student Volunteers to plan, implement and conduct the Committee activities · To undertake regular reviews of Medical Committee activities.	As and when required
37.	Student Counselling Committee	· The Counselling Committee ensures availability of Counselling service as and when required to the students and the staff with their concerns. · The Counselling Committee helps students and staff to cope with the fast-paced changes in the stressful modern lifestyle and to correct their concerns on their own through Counselling and Guidance. · The Committee provides assistance to enhance their ability to work on social and emotional development that will impact their productivity in their work life. · Through Counselling the Committee gives a hope that there is a better way, or a way out with problems they can't handle, can't control, or just don't know how to deal with. · Every year two awareness sessions, one each for the first year students during Induction programme and one for the senior students, are conducted besides the regular counselling and guidance provided to the students who approach the Counsellor personally. · At the end of the two sessions, feedback of the participants is collected and analysed to ascertain the impact.	Twice in a year
38.	Student Affairs	· College Annual Day · Inter-Collegiate Technical, · Cultural, Sports fests Women in Leadership Conclave WILC during International Womens' Day Celebrations every year. · Fresher's day and Graduation Day every year. · To assist and coordinate the administration to improve the student amenities to improve their career and personality building. · To encourage innovative and creative talents of the students. · To maintain peace and harmony among campus community in General and student community in particular. · To contribute to the development of college policy.	Once in a Month

39	Internal Complaints Committee/ Sexual harassment	Functions: · The role of the Committee is to create awareness about sexual harassment and to deal with and recommend punishment for non-consensual acts of sexual harassment, and not to curtail sexual expression within the campus. · To create and ensure a safe environment that is free of sexual harassment, including safety from persons/visitors coming into contact at the workplace. · To publicise the policy through notice boards and distribution of pamphlets · To publicise the names and phone numbers of members of the Committee. · To organise orientation seminars to discuss the nature and scope of the sexual harassment of women at the workplace (Prevention, Prohibition and Redressal) Act 2013, at the beginning of the academic year. · To organise One or more workshops/seminars annually where external experts on the subject will interact with all employees and students and discussion forums where gender sensitization and gender awareness will be the focus Spreading awareness of the policy and implementation of the same through informal sessions, performances, cultural events, etc., about the policy being implemented by ICC.	As and when required

Table 10.1.3.1 Governing Council

Sl.No.	Name & Address of the Member	Designation in GB	Category
1	Sri.G.Raghava Reddy	Chairman	Member of the Management Trust
2	Sri. P.Subba Reddy	Member	Member of the Management Trust
3	Ms.G.Srividya Reddy	Member	Member of the Management Trust
4	Prof.G.Gopal Reddy	Member	Academician
5	Mrs Kiranmai Pendyala	Member	Entrepreneur
6	Dr.V.Venkateswara Reddy	Ex-officio Member	University Nominee
7	Dr.K.Rama Adviser	Ex-officio Member	UGC Nominee
8	Nominee of Dept.of Technical Education, Govt.of Telangana	Ex-officio Member	State Govt. Nominee
9	Dr.K.Ramalinga Reddy	Member	Teacher of the College
10	Dr.M.Seetha	Member	Teacher of the College
11	Dr. K.Ramesh Reddy	Member Secretary	Principal of the College

Table 10.1.3.2 Academic Council

S.No	Name	Composition	Position
1	Dr. K.Ramesh Reddy	Principal,GNITS	Chairman
2	Dr.K.Ramalinga Reddy	Dean, Academics & Chairman-BOS, ETM	Member
3	Dr.M.Seetha,	Dean, R & D, HOD & Chairman-BOS,CSE	Member
4	Dr.I.Ravi Prakash Reddy	Dean, Placements & Corporate Relations & Chairman-BOS, IT	Member
5	Dr.B.Venkateshulu	Dean Alumni Relations & Higher Education & Chairman-BOS, ECE	Member
6	Dr.N.Malla Reddy	Dean, Hostels & Admissions & Chairman-BOS, EEE	Member
7	Dr.P.Aparna	Dean, Student Affairs & Chairman-BOS, H & M	Member
8	Dr.T.Charan Singh	HOD & Chairman-BOS, BS	Member
9	Dr.G.Annapurna	Coordinator – PG studies	Sr.Faculty of the Institution
10	Dr.N.Kalyani	Dean – Innovation & Incubation Professor in CSE	
11	Dr.Rajkumar L Biradar	Professor & HOD in ETM	
12	Dr.M.Nagasree	Sr. Asst. Professor in Mathematics	
13	Dr.G.Yesuratnam	Professor, OUCOE, Hyderabad	Experts from outside the College nominated by Governing Body
14	Mr B.S.S.Prasad	Delivery Manager,M/s.Infosys,Hyderabad	
15	Mr.Ch.Lakshman Kumar	Site Head Quest diagnostics, Hyderabad	
16	Sri.K.Raji Reddy	Advocate,76/2RT,Saidabad Colony,Hyderabad	

17	Dr.M.Madhavi Latha	Sr. Prof. of ECE, JNTUH UCESTH	Nominees from Affiliating University (JNTUH)
18	Dr.O B V Ramanaiah	Sr. Prof. of CSE, JNTUH UCESTH	
19	Dr.A.Aruna Kumari	Prof.of ME, JNTUH UCESTH	
20	Dr.G.P.Prasada Reddy	Prof.in Mech.Eng. & Controller of Examinations, GNITS	Member Secretary

Table 10.1.3.3 Finance Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. P. Rekha	Coordinator
3	Mrs. G. Ujwala	Member
4	Dr. P..Sunitha Devi	Member
5	Mrs.B.Tulasi Sowjanya	Member
6	Dr. V.Sesha Bhargavi	Member
7	Mr.G.Krishna Reddy	Member
8	Mr. S. Rama Krishna	Member
9	Mr. P. Venkata Rami Reddy	Member

Table 10.1.3.4 Boards of Studies

S. No.	Details of the Member	Composition/Position
1	Head of the Department	Chairman
2	Faculty of each Specialization	Members
3	Subject experts outside the college (Nominated by the Academic Council)	2-Members
4	Subject expert of the University (Nominated by the Vice-Chancellor)	1-Member
5	Representative from Industry	1-Member
6	Alumnus – nominated by Principal / BoS	1-Member
7	Experts from outside the college whenever special courses of studies are to be formulated by The chairman/Board of Studies/principal	1-Member

Table 10.1.3.5 College Academic Committee

S. No	Name	Designation	Position
1	Dr.K.Ramesh Reddy	Principal	Principal
2	Dr.K.Ramalinga Reddy	Dean, Academics	Member
3	Dr.M.Seetha	Dean, R&D	Member
4	Dr.I.Ravi Prakash Reddy	Dean, Placements & Corporate Relations	Member
5	Dr.B.Venkateshulu	Dean Alumnae Relations & Higher Education	Member
6	Dr.N.Malla Reddy	Dean, Hostels & Admissions	Member
7	Dr. N. Kalyani	Dean, Innovation & Incubation	Member
8	Dr.P.Aparna	Dean, Student Affairs	Member
9	Dr. G. P. Prasada Reddy	Controller of Examinations	Member
10	Dr.K.Ragini	HOD, ECE	Member
11	Dr. S. Ramcharan	HOD, IT	Member
12	Dr. A. Sharada	HOD, CSE	Member
13	Dr. O. Obulesu	HOD, (CSM,CSD)	Member

14	Dr. P. Ramakrishna Reddy	HOD, EEE	Member
15	Dr.Rajkumar L Biradar	HOD, ETE	Member
16	Dr.M.V.L.SuryaKumari	Physical, Director	Member
17	Dr. M. Madhavi Lata	HOD. H&M	Member
18	Mr.T.V.Rammohan Reddy	HOD Civil	Member
19	Mr.G.NarendraBabu Reddy	TPO	Member

Table 10.1.3.6 Library Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	G. Krishna Reddy, Assoc, Professor ETE	Coordinator
2	G. Sujatha, Asst. Professor, EEE	Member
3	Dr. C. Padmaja, Asst. Professor, ECE	Member
4	T. Divya Kumari, Asst. Professor, CSE	Member
5	D. Vijayakumar, Asst. Professor, IT	Member
6	Vijaya Lakshmi Asst. Professor, CSD & CSM	Member
7	P.M.S. Hallika, Asst. Professor Mech	Member
8	Dr. Areman Ramyasri, Asst. Professor, H&M	Member
9	B. Mrinalini, Asst. Professor,B&S	Member
10	Dr K Bharatha lakshmi devi Librarian	Convener & Secretary
11	R. Devi Sree, EEE IIA	Student member
12	Ch. Sai Rishitha, EEE IIB	Student member
13	Shreya Pabbathi, ECE IIA	Student member
14	Aabha Ratna Singh, ECE IIB	Student member
15	R. Pravalika, ECE, IIC	Student member
16	Gayatri Kilari CSE IIA	Student member
17	Y. Vaishnavi, CSE, IIB	Student member
18	G. Divija, CSE IIC	Student member
19	Vaishnavi CSD II	Student member
20	Pranavi, CSM II	Student member
21	A. Sushma CSM II	Student member
22	M. Deekshitha, IT II A	Student member
23	A. Mehvish, IT IIB	Student member
24	P. Neha Reddy ETE II	Student member
25	P. Varsha EEE III A	Student member
26	V. Anusri EEE III B	Student member
27	R. Padmavathi ECE III-A	Student member
28	Munigela Naveena ECE III B	Student member
39	M. Varshitha Reddy ECE III C	Student member
30	K. Sri vishnavi CSE III A	Student member
31	Sai Shriya CSE III B	Student member
32	Varshitha Reddy CSE III C	Student member
33	Bhavana CSD III	Student member
34	N. Farheen CSM III	Student member
35	Posti Nishitha CST III	Student member
36	P. Swadhika IT III A	Student member
37	M. Akhshitha IT III B	Student member
38	B. Malavika ETM III	Student member

Table 10.1.3.7. Anti-ragging Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K.Ramesh Reddy, Principal	Chairman
2.	Prof. Ch Ganapathy Reddy,ECE	Nodal Officer
3.	Mr V Radhakrishna, Asst Prof., ECE	Member
4.	Mrs. Divya Raj, Asst Prof.,CSE	Member
5.	Mrs J.Mamatha, Asst.Prof., HM	Member
6.	Prof G.Gopinath, EEE	Member
7.	Mrs. Ch.Sravanthi., Asst.Prof., IT	Member
8.	Mr. Siva Sankar Namani,Asst Prof., AI &ML	Member
9.	Mr Hari Krishna,Asst Prof., ETE	Member
10.	Dr. S.Uday Bhasker, Asst.Prof.,BS	Member
11.	Ms. N.Hiranmai, Asst. Prof., Mech	Member
12.	M Kalyani	Student member
13.	V Sai Sreeja	Student member
14.	M.Lakshmi Prasanna	Student member
15.	Chalamarla Naveena	Student member
16.	B.Sai Praveena	Student member
17.	Rukmini Manasa	Student member
18.	Munukuntla Greeshma	Student member
19.	Shravya Janamanchi	Student member
20.	N. Ravithreni	Student member
21.	B. Aishwarya	Student member
22.	V. Sai Sravani	Student member
23.	Lakshmi Prasanna	Student member
24.	M.Divija	Student member
25.	M. Deekshitha Varma	Student member
26.	R.Devisree	Student member
27.	A Mrudula	Student member
28.	Ramyasri	Student member
29.	K. Nayana Harshita	Student member
30.	G Pravalika	Student member
31.	M.Sharanya	Student member
32.	J.Rishika	Student member
33.	K. Sai Pooja	Student member
34.	Afifa	Student member
35.	Ala Thanmai	Student member
36.	G.Nikhitha	Student member
37.	Masraddh	Student member
38.	K.Manisha	Student member
39.	J. Siddhi Harika	Student member

Table 10.1.3.8. Grievance Redressal (Students)

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K.Ramesh Reddy	Chairman
2	Dr.A.Alakanandana	Coordinator
3	Dr.M.Nagasree	Member
4	Mrs.Bhageshwari Ratkal	Member
5	Mrs.B.Narmada	Member
6	Dr.A.Naveena	Member

7	Mrs.K.Sridevi	Member
8	Mrs.T.Srilatha	Member
9	G.Tanmayi	Student Member
10	Yalala Vaishnavi	Student Member
11	Namrata	Student Member
12	D.Haritha	Student Member
13	Naga Shriya Saroj.A	Student Member

Table 10.1.3.9. Grievance Redressal (Staff)

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K.Ramesh Reddy	Chairman
2	Dr.A.Alakanandana,	Coordinator
3	Dr.M.Nagasree	Member
4	Mrs.Bhageshwari Ratkal,	Member
5	Mrs.B.Narmada,	Member
6	Dr.A.Naveena,	Member
7	Mrs.K.Sridevi,	Member
8	Mrs.T.Srilatha,	Member

Table 10.1.3.10. Examination/ Results Review Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K. Ramesh Reddy	Chairman
2	Dr.G.P.Prasada Reddy	COE
3	Mr.B.V.Prasad Babu	Member
4	Dr.S.M.Swamy	Member
5	Dr.K.Syamala Devi	Member
6	Dr.M.Aparna	Member
7	Mr.D.Swamy	Member
8	S.Naga Sarveswara Reddy	Member

Table 10.1.3.11. Research Advisory Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member)
1	Dr. K. Ramesh Reddy, Principal	Principal - Chairman
2	Dr. M. Seetha, Professor, CSE, Dean, R&D	Dean, R&D
3	Dr. K. Prasanna, Associate Professor, CSE	R&D Coordinator
4	Dr. S. Viswanadha Raju, Professor, CSE, JNTUHCEJ, Jagityal	External Advisory Member
5	Dr. G. Prasad, Scientist F, ISRO	External Advisory Member
6	Shri E Siva Shankar, Head, Water Resources Group, NRSC, Hyderabad	External Advisory Member
7	Dr. D.V. Lalitha Parameshwari, CSE	Member
8	Dr. B. Sashidhar, CSE(AI&ML)	Member
9	Mr. N. Siva Shankar, CSE(AI&ML)	Member
10	Dr. V. Supriya, IT	Member
11	Dr. Swapna Raghunath, ECE	Member
12	Dr. R. Nageshwar Rao, EEE	Member
13	Dr. M. Vijayalaksmi, ETE	Member
14	Dr. S. Vasundhara, H&M	Member
15	Dr. Pragathi Jogi, BS	Member
16	Mrs. P.M.S. Hallika, Mechanical	Member

Table 10.1.3.12. NSS Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy, Principal	Chairman
2	Dr. NVSL Narasimham, Assoc.Prof.	Program Officer
3	Dr. P. Rekha, Assoc. Prof.	Coordinator
4	Mrs. P.Mamata, Asst. Prof, EEE	Member
5	Mr. B. Vamshi, Asst. Prof, CSE	Member
6	Mrs. Ch. Anusha Reddy Asst. Prof, ECE	Member
7	Mrs. A.Nageswari, Asst. Prof, IT	Member
8	Dr. A. Naveena,, Asst. Prof, ETE	Member

Table 10.1.3.13. Industry Institute Interaction / Partnership / Placement Committee

S.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K. Ramesh Reddy,Principal	Chairman
2	Dr.I.Ravi Prakash Reddy	Dean, Placements & Corporate Relations
3	Dr.G.Narendra Babu Reddy	Training & Placement Officer
4	Mr.Ch .Sudharshan Reddy	Coordinator
5	Mr.G.Naga Babu	Coordinator
6	Mr.Siva Sankar Namani	Coordinator
7	Mr. B.Sreekanth Reddy	Coordinator
8	Mr.C.Sridhar Babu	Coordinator
9	Mr.N .RamaKrishna	Coordinator
10	Mr.P.Sai Niranjan Kumar	Coordinator
11	Mr.Ch.LeelaKrishna	Coordinator
12	Ms.Y.RajaLakshmi	Coordinator
13	Mr.P.Purushotham	Coordinator

Table 10.1.3.14. I & I Dept.

Sl. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K. Ramesh Reddy	Chairman
2.	Dr. N. Kalyani	Dean Innovation & Incubation
3.	Dr. G. Malini Devi	Convener
4.	Mr. V. Vikas	YUKTI Coordinator
5.	Mr. V. Badri Ramakrishna	
6.	Mrs. Bhageshwari Ratkal	Social Media Coordinator
7.	Dr. T. Sunitha	
8.	Mrs. M. Lalitha	Innovation Activity Coordinator
9.	Mr.G.Krishna Kishore	
10.	Dr.P.Rekha	IPR Coordinator
11.	Dr.G.Malini Devi	
12.	Mrs.E.Gouthami	
13.	Mr.B.Rakesh Goud	Startup Activity Coordinator
14.	Mrs.P.N.Ramya	
15.	Mrs.Usha	IIC & ARIIA Coordinators
16.	Dr.T.Himabindu	
17.	Mrs.B.Amrita	
18.	Dr.C.Padmaja	NISP Coordinator
19.	Dr.K.Mrudula	
20.	Ms.N.Hiranmai	Design Thinking Coordinator
21.	Mrs.P.M.S.Hallika	

22.	Mrs.Aradhana S	Project Consultant
23.	Mrs. Setu Sharma	
24.	Mrs. T.Neha	Members
25.	Mr. P.Sathyanarayana Goud	
26.	Dr.I.Radhika	
27.	Mrs.Pooja Vitthalrao Phad	
28.	Mrs.M.Shanti	
29.	Dr.T.Malathi Latha	

Table 10.1.3.15. Internal Quality Assurance Cell

S.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K. Ramesh Reddy,Principal	Chairman
2	Dr.I.Ravi Prakash Reddy	Dean, Placements & Corporate Relations
3	Dr.G.Narendra Babu Reddy	Training & Placement Officer
4	Mr.Ch .Sudharshan Reddy	Coordinator
5	Mr.G.Naga Babu	Coordinator
6	Mr.Siva Sankar Namani	Coordinator
7	Mr. B.Sreekanth Reddy	Coordinator
8	Mr.C.Sridhar Babu	Coordinator
9	Mr.N .RamaKrishna	Coordinator
10	Mr.P.Sai Niranjan Kumar	Coordinator
11	Mr.Ch.LeelaKrishna	Coordinator
12	Ms.Y.RajaLakshmi	Coordinator
13	Mr.P.Purushotham	Coordinator

Table 10.1.3.16. Timetable committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Principal
2	Mr. M. V. Ramana Reddy	Coordinator
3	Dr.S.Vasundhara	Co-Coordinator
4	V.Divya Raj	Member
5	R. Mamatha	Member
6	D.. Anusha	Member
7	T.Neha	Member
8	P.Sreepadma	Member
9	K.Swathi	Member
10	K.PriyamVada	Member
11	S. Bhulakshmi	Member
12	U.jyothi	Member
13	M.Deepthi	Member
14	V.Anitha	Member
15	N. Hiranmai	Member
16	M. Yashwanth Kumar	Member
17	Anupama Venugopal	Member
18	Keshav Kumar .K.	Member
19	T.Malathi Lata	Member
20	Dr. A. Alalanananada	Member
21	Dr. M. Shanti	Member
22	Dr.K.Syamala Devi	Member

Table 10.1.3.17. Alumnae Coordination Committee

S. No.	Name of the Member	Position (Chairman / Coordinator / member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. P. Sreesudha, Asst. Prof, ETE	Co-ordinator
3	Mrs. Y. Priyanka, Asst. Prof, EEE	Co-coordinator
4	Mrs. J. Padmavathi,Asst Prof, CSE	Faculty Member
5	Mrs. K. Swathi, Asst. Prof., ECE	Faculty Member
6	Mrs. G. Sujatha,Asst. Prof., EEE	Faculty Member
7	Ms. K. Pranathi, Asst. Prof., ETE	Faculty Member
8	Dr. L. Smitha, Asst. Prof., IT	Faculty Member
9	Mrs. V Jahnavi, Senior Asst. Prof., H & M	Faculty Member

Table 10.1.3.18. Website committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K.Ramesh Reddy	Chaiman
2	Dr. M.Seetha Dean R&D , Professor in CSE.	Website In-charge
3	Mr. T. Rajesh , Asst. Professor, CSE	Web Master
4	Ms. G. Sandhya, Programmer, CSE	Web Coordinator
5	Mr. B. Syam Sundar Reddy	Web Coordinator
6	Mr. N. Venkateswarulu, Asst .Prof.	CSE
7	Dr. Renuka Methre, Associate Prof.	ECE
8	Mrs Ujawala, Asst.Prof.	EEE
9	Mrs.D.Sree Lakshi, Asst.Prof	IT
10	Dr. A. Naveena, Asst.Prof	ETM
11	Ms. VB Sangeetha, Asst.Prof	H & M
12	Dr. S. Uday Bhaskar, Asst.Prof	BS
13	Mrs. D.Niharika, Asst.Prof	Mech. Eng.
14	Dr. Bharata Lakshmi Devi, Librarian	Library
15	Dr.M.V.L Surya Kumari, Physical Directress	Physical Education

Table 10.1.3.19. Games and Sports Committee

S. No.	Name of the Member	Designation & Department	Position (Chairman/ Coordinator/ member etc.)
1.	Dr.K.Ramesh Reddy	Principal	Chairman
2.	Dr.A.Alakanandana	Assoc. Prof.- BS dept.	Coordinator
3.	Dr.M.V.L.Surya Kumari	Physical director	Member
4.	Mr T.V.Ram Mohan Reddy	HOD- Civil dept.	Member
5.	Mrrs. Ch. Shravanthi	Asst. Prof., IT dept.	Member
6.	Mr.Ch.Sudarshan Reddy	Asst. Prof., CSE dept.	Member
7.	Mr Ch.Leela Krishna	Asst. Prof., EEE dept.	Member
8.	Mrs K.Swathi	Asst. Prof., ECE dept.	Member
9.	Mrs V.Anitha	Asst. Prof., ETM dept.	Member
10.	Dr.S.Vasundhara	Asst.Prof., HM dept.	Member

Table 10.1.3.20. Arts and Cultural Committee

S.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy, Principal	Chairman
2	Mrs. VB Sangeetha, Assoc.Prof., HM	Coordinator
3	Mr. V. Badri Rama Krishnan, Asst. Prof.,EEE	Member
4	Mrs. V. Divya Raj, Asst. Prof., CSE	Member
5	Mrs. K. Swathi, Asst. Prof., ECE	Member

6	Mrs. M. Sridevi, Asst. Prof., IT	Member
7	Dr. T. Sunitha, Asst. Prof., ETM	Member
8	Mrs. Anupama Venugopal, Asst. Prof., HM	Member
9	Mrs. O. Sujana, Asst. Prof., BS	Member

Table 10.1.3.21. Career Guidance Cell

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K.Ramesh Reddy, Principal	Chairman
2.	Dr. P.Sunitha Devi, Asst. Prof., CSE	Coordinator
3.	Mr.P.Sai Niranjan, Asst. Prof., EEE	Member
4.	Mr. P.Satyanarayana, Asst. Prof., ECE	Member
5.	Mr. G.Naga Babu, Asst. Prof., CSE	Member
6.	Mrs. V. Usha, Asst. Prof., IT	Member
7.	Mrs. M.Jyothsna, Asst. Prof., ETE	Member

Table 10.1.3.22. Indian Society for Technical Education (ISTE)

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy, Principal	President ISTE
2	Dr. G. P. Prasada Reddy, CoE	Vice President ISTE
3	Mr.Ch. Hari Prasad, Assistant Professor, ECE	Secretary-ISTE
4	Mr.Ch. Sudhakar Reddy, Associate Professor, IT	Faculty Advisor, ISTE
5	Ms. Bhageshwari Ratkal Assistant Professor, CSE	Teasurer, ISTE
6	Mr. P. Chandrasekhar Assistant Professor, ECE	Coordinator, ISTE
7	Ms. D.R. Nanda Devi, Assistant Professor, CSE	Coordinator, ISTE
8	Ms. C Bhagyashree, Assistant Professor, CSD	Coordinator, ISTE
9	Ms. P. Sreesudha, Assistant Professor, ETE	Coordinator, ISTE
10	Ms. P. N. Ramya, Assistant Professor, IT	Coordinator, ISTE
11	Ms. Dr. T. Himabindu Assistant Professor,EEE	Coordinator, ISTE
12	Ms. M. Naga Sree, Sr.Assistant Professor, H&M	Coordinator, ISTE

Table 10.1.3.23. IEEE Student Branch

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K Ramesh Reddy	Principal
2	Dr. N Malla Reddy ,EEE	SB Mentor
3	Dr. Renuka Devi S M ,ECE	SB Co-ordinator , WiE faculty advisor
4	Dr. Himabindu T , EEE	SB Counsellor, IES Faculty Advisor
5	Dr. C. Padmaja ,ECE	Sensors Council Faculty Advisor
6	Mrs. K. Swarna Latha , EEE	PELS Faculty Advisor
7	Mrs. B. Amrita CSE	Group Challan, Web Master
8	Mrs. D. Vandana IT	Membership Development Committee (MDC) Chair
9	Mrs. G. Madhavi ,ECE	Financial advisor, Minutes Of Meeting in charge
10	Mrs. K. Pranathi ,ETE	Public relations and Content Writing
11	Dr Sushma ,H&M	First year students communication
12	Dr I Radhika , BS	First year students communication
	Student EXCOM Members	
13	Nasira Banu ECE	Chair
14	V. Nanditha Reddy , ECE	Vice - Chair
15	C. Madhuri , EEE	Secretary
16	G. Jhansi Laxmi EEE	Treasurer
17	K. Sahithi CSE	PR Head
18	Ch. Poojitha CSE	PR Co-Head

19	S. Meenakshi EEE	Content Writing and Designing Head
20	Pranavya Akula CSM	Content Writing and Designing Co-Head
21	B. Sri Vaishnavi EEE	Photography Head
22	B. Usha Sri Chowdary ECE	Photography Co-Head

Table 10.1.3.24. CSI

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.M.Seetha	Chairman
2	Mrs.P.Sunitha Devi	Student Branch Counsellor
3	Mr.R.Mamatha	Faculty Advisor
4	Mrs.K.Sneha Reddy	Faculty Advisor

Table 10.1.3.25. IETE Student Forum

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K Ramesh Reddy, Principal	President
2.	Dr.K Ragini, HOD ECE	Convener
3.	Mr. Y. Rakesh Kumar, Asst.Prof. ECE	Faculty coordinator
4.	Dr. A. Naveena, Asst.Prof. ETE Mr. V. Radhakrishna, Asst.Prof. ECE	Faculty Advisors
5.	G. Krishna Haneesha (4/4 ECE)	Vice- President
6.	N.Pallavi (4/4 ECE) M.Akhila (4/4 ETE)	Secretory
7.	S.Prathima Reddy (3/4 ECE)	Treasurer

Table 10.1.3.26. Canteen Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. R Nageswara Rao	Coordinator
3	Mr. T.V. Ram Mohan Reddy.	Member
4	Mr. C. Sudhakar Reddy	Member
5	Mr V.Radha Krishna	Member
6	Mrs. B.R.Lakshmi,	Member
7	B.Rakesh Goud	Member
8	Mr . B. Vamsee	Member
9	Ms A. Rajitha	Member

Table 10.1.3.27. College Magazine Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr.K.Ramesh Reddy, Principal	Chairman
2.	Dr.P.Aparna, Professor & Dean (Student Affairs)	Chief Editor
3.	Dr.B.Sushma, Associate. Prof. of English, H&M	Convenor
4.	Mrs V.Jahnavi, Sr. Asst. Prof. of English, H&M	Coordinator
5.	Mrs. P. Mounika, Asst. Prof, IT	Faculty member
6.	Mrs.P.V.S.S.A.Parimala, Asst. Prof., EEE	Faculty member
7.	Mrs.Ch.Radhika, Asst. Prof., CSE	Faculty member
8.	Mrs.V.Uma, Assoc. Prof., ECE	Faculty member
9.	Mrs. A. Rajitha, Asst. Prof., ETM	Faculty member
10.	Mr S.N.Sarveswara Reddy, Asst. Prof. Mech.	Faculty member
11.	Ms. Aswani R.Jeevan, Asst. Prof. H & M	Faculty member
12.	Mr G.Narendra Babu Reddy, TPO	Faculty member

13.	Dr.Pragati Jogi, Asst. Prof. BS	Faculty member
14.	Dr MVL Surya Kumari, PD	Faculty member
15.	Dr.K.Bharatha Lakshmi Devi, Librarian	Faculty member
16.	B. Daksha ¼ CSD	Student Member
17.	D. Bhavitha ¼ CSE-A	Student Member
18.	B. Neha ¼ CSE-B	Student Member
19.	Mohana Sreshta. T ¼ CSM-A	Student Member
20.	V. Sai Ujwala ¼ ECE-A	Student Member
21.	B. Chandana ¼ ECE-C	Student Member
22.	A. Swetha ¼ EEE-A	Student Member
23.	Ch. Sai Siri Jahnavi ¼ ETM	Student Member
24.	B. Greeshma ¼ IT-A	Student Member
25.	G. Angel ¼ IT-B	Student Member

Table 10.1.3.28. NPTEL &FDP

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.M.Vijaya Lakshmi, ECE	Coordinator
2	Dr. V. Vijaya Lakshmi, Asst. Prof., H&M (FDP &NPTEL)	Member
3	Ch. Swathi. Asst.Prof., CSE (FDP &NPTEL)	Member
4	Ch. Veena, Asst. Professor, CSE (AI &ML) (FDP &NPTEL)	Member
5	P. Satyanarayana goud Asst. Prof., ECE (FDP)	Member
6	A. Chandra Shaker, Asst. Prof., ETM (FDP &NPTEL)	Member
7	K. Swarna Latha, Asst. Prof., EEE (FDP)	Member
8	T. Ammannamma, Asst. Prof., IT, (FDP &NPTEL)	Member
9	M. Shanti, Asst. Prof., BS, (FDP &NPTEL)	Member
10	M. Lakshmi, Asst. Prof., ECE(NPTEL)	Member
11	Dr. G. Satheesh, Asst. Prof., EEE (NPTEL)	Member

Table 10.1.3.29. Purchase Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)	
1	Smt. Srividya Reddy G.		Chairman
2	Dr. K. Ramesh Reddy		Convener
3	Mr.M. Venkata Ramana Reddy		Coordinator
4	B.V. Prasad Babu		Coordinator
5	Mrs. M Vijayalakshmi		Member
6	Mr. G. Krishna Reddy		Member
7	Mr. G. Ramana Reddy		Member
8	Dr. P. Sunitha Devi		Member
9	Mr. M. Yashwanth Kumar		Member
10	Dr. P. Rekha		Member
11	Mr. S. Rama Krishna		Member
12	G.V.Avadhani		Member

Table 10.1.3.30. Press and Social Media Committee

S.No	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K. Ramesh Reddy, Principal	Chairman
2.	Dr. A. Naveena, Asst. Prof.	Coordinator
3.	Mrs. D. Sreelakshmi, Asst. Prof.	Co-coordinator, Social media
4.	Mrs. P. Roopa Ranjini, Asst. Prof.	Co-coordinator, Press
5.	Mr. G. V. Avadhani, Dean Administration	Press Relations Incharge

6.	Ms. Ramya Madhavaram, CEO, R-Work	External Member
7.	Mrs G. Sandhya, Asst. Prof.	Faculty Member
8.	Mrs. G.Roja, Asst.Prof.	Faculty Member
9.	Mrs. P. Lavanya, Asst. Prof.	Faculty Member
10.	Mrs. D. Niharika, Asst. Prof.,	Faculty Member
11.	Dr. K. Mrudula, Asst. Prof.	Faculty Member
12.	Mr. B. Rakesh Goud, Asst. Prof.	Faculty Member
13.	Dr. P. Sreesudha, Asst. Prof., Alumni Coordination Committee Coordinator	Faculty Member
14.	Dr. G. Narendra Babu Reddy, Asst., Training and Placement Officer	Faculty Member
15.	Dr. MVL Surya Kumari., Physical Directress	Staff Member
16.	Mrs. G. Manjula., Library Asst.	Staff Member
17.	Arshiya,	Student Member
18.	Akipalli Sri Usha,	Student Member
19.	K. Sai Charitha,	Student Member
20.	M. Pragya Teja Sri	Student Member
21.	Nikitha Mora	Student Member
22.	S. Sudeepthi,	Student Member
23.	T. Sai Pratyusha,	Student Member
24.	B. Neha Rao	Student Member
25.	M. Sri Sai Chinmai,	Student Member
26.	A. Amulya,	Student Member
27.	P. Shivani,	Student Member
28.	Banoth Supriya, II, CSE	Student Member
29.	A.Pragna,	Student Member
30.	Varenya Gyanmote,	Student Member
31.	Vaishnavi Karra,	Student Member

Table 10.1.3.31. Environmental Club

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K. Ramesh Reddy	Chairman
2.	Dr. K. Shyamala Devi	Convener
3.	Mr. Y. Prakash	Member
4.	Mr. B. Vamshi	Member
5.	Mrs. B. Vijaya Lakshmi	Member
6.	Mrs. E. Gouthami	Member
7.	Ms. G. Santhoshi	Member
8.	Mr. G. Hari Krishna	Member
9.	Mr. K. Naresh	Member
10.	Ms. Arya Mohan	Member
11.	Mr. B. Rakesh Goud	Member

Table 10.1.3.32. Hostel Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. N. Malla Reddy	Convener
3	Mrs. Anupama Venugopal	Coordinator
4	Major Rakesh Gulati	Hostel Manager
5	Dr. K. Bharatha Lakshmi Devi	Member
6	Dr.MVL Surya Kumari	Member
7	Mrs. V. Divya Raj	Member

8	Mrs. P. Mounika	Member
9	Mrs. E. Gouthami	Member
10	Mrs. K. Swathi	Member
11	Mrs. A. Rajitha	Member
12	Mrs. O. Sujana	Member

Table 10.1.3.33. Admission Committee

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Principal
2	Dr. N. Malla Reddy	Dean, Hostels & Admissions
3	Dr. T. Charan Singh	Assoc. Prof & HOD
4	Mr B.Rakesh Goud	Asst. Prof
5	Dr.N.Ramesh	Asst. Prof
6	Dr. S. Uday Bhaskar	Assoc. Prof
7	Dr. Y. Veera Swamy	Asst. Prof
8	Mr G.V.Avadhani	Dean, Administration
9	Mr. K. Srinivasa Rao	Transport and Hostel Manager
10	Mr. Rakesh Gulati	Manager, Hostels
11	Mr P.Venkata Rami Reddy	Accounts Officer
12	Mr K.Ranganath	Programmer

Table 10.1.3.34. SC/ST Cell

Sl. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1.	Dr. K. Ramesh Reddy	Chairman
2.	Dr. P. Aparna	Coordinator
3.	Dr. G. Malini Devi	Convener
4.	Dr. L. Smitha	Member
5.	Mr. P. Chandra Sekhar	Member
6.	Mrs. G. Sujatha	Member
7.	Mrs. K. Pranathi	Member
8.	Mrs. P. Saritha	Member

Table 10.1.3.35. Ethics and Conduct committee

Sl. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. P. Aparna	Convenor
3	Mrs. V. Jahnavi,	Co- Convenor
4	Mrs. Bhageswari Ratkal	Coordinator
5	Dr. T. Anuradha	Co-coordinator
6	Mrs. P. Madhuri	Member
7	Mrs. P.N. Ramya	Member
8	Mrs. P. Mamatha	Member
9	Mrs. P.M.S. Hallika	Member
10	Mrs. C. Aarthi	Member

Table 10.1.3.36. Medical Cell

Sl.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Mr. T. V. Rammohan Reddy	Coordinator
3	Dr. MVL Surya Kumari	Member
4	Dr. K. Bharata Lakshmi Devi	Member

5	Mr. G. V. Avadhani	Member
6	Mr. K. Srinivasa Rao	Member

Table 10.1.3.37. Student Counselling

Sl.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Mrs. V. Jahnavi	Coordinator & Counselling Psychologist
3	Mrs. P. Mamatha	Member
4	Mrs. Ch. Swathi	Member
5	Mr. V. Radha Krishna	Member
6	Mrs. M. Bhavani	Member
7	Mr. A. Chandrasekher	Member
8	Dr. S. Uday Bhaskar	Member

Table 10.1.3.38. Student affairs

Sl.No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr. K. Ramesh Reddy	Chairman
2	Dr. Aparna Palle	Professor- Incharge
3	Dr. T. Anuradha	Coordinator
4	Dr. B. Rajeshwari	Coordinator
5	Ms. Bhageshwari Ratkal	Member
6	Mrs. G. Roja	Member
7	Ms. C. Bhagya sree	Member
8	Mrs. P. Madhuri	Member
9	Mrs. P. Mamatha	Member
10	Dr. T. Sunitha	Member
11	Mrs. P. N. Ramya	Member
12	Mrs. P. M. S. Hallika	Member
13	Mrs. C. Aarthi	Member
14	Ishitha Doniparthi	President
15	Ms. R. Aashritha Reddy	Vice-President
16	Ms. Guda Tharunya Varma	General Secretary
17	Ms. Sankepally Meghana Reddy	Joint Secretary
18	Ms. Kondoju Jyothsna	Cultural Secretary
19	Ms. Thogaru Vennela	Cultural Joint Secretary
20	Ms. Himaja Elluru	Technical Secretary
21	Ms. Thogaru Vennela	Technical Joint Secretary
22	Ms. S.V.L. Santhoshi Pavani	Sports Secretary
23	Ms. Harini Karnati	Sports Joint Secretary
24	Syeda Shifa Fatima	Finance Secretary
25	Kanchoju Devi	Finance Joint Secretary
26	Ms. T. Bhavani	Editor In-Chief
27	Ms. B. Siri Chandana	Assistant Editor
28	Ma. T. Harshitha	Public Relations and Social Media Head
29	Ms. A. Akshara Rao	Marketing and Branding Head
30	Ms. A. Rohini Priya	Creative Design Head
31	Ms. Preethi Patil	Communication Head
32	Ms. G. Yashaswi Sri	Documentation Head

Table 10.1.3.39. Internal Complaints Committee/Sexual harassment

S. No.	Name of the Member	Position (Chairman/ Coordinator/ member etc.)
1	Dr.K.Ramesh Reddy , Principal	Chairman
2	Mrs.T . Aparna , Asstant Professor IT	Coordinator
3	Ms Bhagyasri Marreddy, Sr. Advocate , High Court Of Telanga	External Member
4	Dr. P. Aparna , Prof & Dean Student Affairs	Member
5	Dr. M.V.L. Surya Kumari , Physical Directress	Member
6	Mrs. K. SwarnaLatha , Asst Prof EEE	Member
7	Mrs. BhageswariRatkal , Asst Prof CSE	Member
8	Dr.T. Sunitha , Asst Prof ETE	Member
9	Mrs. M. Sreevalli Asst Prof , BS	Member
10	Mrs Swathi , Asst Prof ECE	Member
11	Ms Hiranmayi , Asst Prof Mech	Member

B. The published service rules, policies and procedures with year of publication (3)

Service Rules of the Employee/HR Policy-2022

The Rules contained in the Administrative Manual shall be called the “G.Narayanamma Institute of Technology & Science (For Women), Hyderabad-Service Rules/HR Policy 2022” (Governing the service conditions of all the Employees of the Institute, both Teaching and Non-teaching staff) and will come into force w.e.f 01 January 2022.

Application:

a) These Rules shall apply to all the Employees of G.Narayanamma Institute of Technology & Science (For Women), Hyderabad.

b) Points requiring interpretation or clarification or any cases of doubt shall be referred to the Governing Council, whose decision shall be final.

c)All the Employees are required to familiarize themselves with these Rules immediately upon appointment since their services will be governed and regulated by these Rules.

CLASSIFICATION OF EMPLOYEES

Employees in GNITS are classified into the following categories

1.REGULAR EMPLOYEES

A person who is appointed against a Regular Post carrying scale of pay and who has satisfactorily completed the probation period stipulated in the appointment order or the extended probation period to the entire satisfaction of the Management and who has been confirmed is called Regular Employee.

2.PROBATIONER

An Employee who is provisionally appointed to a Regular Post and who has not completed the probation period is called a Probationer.

3.CONTRACT EMPLOYEES

Employees for whom the tenure (specific period of time) of employment is mentioned in the Appointment Order are called Contract Employees.

4.PART TIME EMPLOYEE

A person who is employed to work for less than the normal period of working hours which is clearly specified in the Appointment Order is called as Part-time Employee.

APPOINTMENTS AND SCALES OF PAY

SCALES OF PAY:

Teaching Posts: Keeping the UGC/AICTE scales in view the Governing Council of the Institute will decide from time to time the Scales of Pay to be offered to the Teaching posts.

All other Posts: Scales as prescribed by the Governing Council from time to time

ALLOWANCES

Dearness Allowance & House Rent Allowance shall be adopted as decided by the Governing Council of the Institute from time to time.

INCREMENTS:

All services in a post on a time scale of pay shall count for increments in that time scale, unless and otherwise specifically mentioned contrarily.

Annual performance of teaching and Non-teaching staff is evaluated based on Self-Appraisal form submitted by staff by HOD, Principal and Chairman.

PROMOTION POLICY:

Promotions to higher position shall be considered on the basis of competency, past performance, qualification, merit & seniority basis. Under normal circumstances the senior most members of the staff shall be considered for promotion to the next higher level position, based on the eligibility and merit subjected to the vacancy and requirement. Hence, Promotion is not automatic and cannot be claimed by an employee as a matter of right. The institute will consider the UGC/AICTE/JNTUH rules and regulations for promotions in case of teaching positions.

CONFIRMATION: When any Employee completes his/her probation, or extended period of probation, the Appointing Authority shall decide whether his/her probation is completed satisfactorily, and If it is so decided, he/she may be regularized in the post in which he/she completes the Probation.

TERMINATION OF SERVICE:

a) If any employee is not regularized after the period of probation and his/her probation also is not formally extended, he/she may be apprised of the reasons therefor within 6 months and he/ she shall be deemed to have been continued on a temporary basis and his/her services may be terminated by the Appointing Authority by giving one months' notice.

b) The Appointing Authority shall have the power to terminate the services of any employee appointed on tenure basis without any notice.

c) The Governing Council shall have power to terminate the services of any regular employee by giving him/her three months' notice, if the member's retention in service is considered.

RESIGNATION:

a) A member of regular staff may resign from his/her post and terminate his/her engagement with the Institute by giving to the Appointing Authority 3 months' notice or by paying 3 months pay in lieu thereof.

b) Unless otherwise stated specifically in the terms of appointment an Employee on probation may terminate his/her engagement in the Institute by giving to the Appointing Authority one month notice or by paying one months' salary to the Institute in lieu thereof.

RETIREMENT:

The Age of Retirement of all members of teaching staff (faculty) shall be 60 years and in case of other staff it shall be 58 years. However, an Employee's services can be terminated by the Management even before his/her superannuation on the grounds of physical or mental infirmity, inefficiency or incapability to work, or if he/she outlived his/her utility.

LEAVE RULES FOR THE EMPLOYEES

Rules relating to the different kinds of leave that can be availed by a regular employee are described below:

Ø CASUAL LEAVE Applicable for all categories of staff
Ø VACATION: Applicable for all categories of staff
Ø EARNED LEAVE: Applicable for all categories of staff
Ø HALF-PAY LEAVE: Applicable only for Regular staff
Ø ACADEMIC LEAVE: Applicable for all categories of faculty.
Ø MATERNITY LEAVE: Applicable only for Regular staff
Ø COMPENSATORY CASUAL LEAVE: Applicable for all categories of staff

WELFARE MEASUREMENTS & GENERAL BENEFITS:

These benefits are applicable to the Regular and Contract Employees only.

Ø EMPLOYEE PROVIDENT FUND: All the employees of the Institute shall be covered by the Employees Provident Fund Act, subject to their salary ceiling limit.

Ø HEALTH INSURANCE: they are eligible for partial reimbursement of premium (as decided by the management from time to time) as against the premium paid by them towards the Health Insurance Policy taken by them on production of documentary evidence.

Ø GROUP GRATUITY SCHEME: All the Employees holding regular posts and drawing scale of pay will be covered by the Group Gratuity Scheme maintained by L I C of India at the cost of the Institute as per the rules of Payment of Gratuity Act in force.

Ø PERSONAL ACCIDENT POLICY: Applicable for all the employees
Ø E.S.I. BENEFIT: Non-Teaching staff of the Institute shall be covered by the ESI Benefit subject to their salary ceiling limit As per ESI Act.
Ø SUBSIDIZED TRANSPORTATION FACILITY: This facility is applicable for the staff for a nominal fee on all the bus routes operating in various parts of Hyderabad city
Ø INCENTIVES FOR Ph.D., AWARDED: Special allowance per month will be paid to faculty based on their Designation those who completed their Ph.D.,
Ø INSTITUTE IS OFFERING INCENTIVES INORDER TO ENCOURAGE PROFESSIONAL DEVELOPMENT: Institute of is offering incentives to publications in quality journals like SCOUPUS and other free journals in order to encourage professional development
Ø FINANCIAL SUPPORT TO ATTEND VARIOUS SEMINARS/WORKSHOPS: GNITS sponsors the Teaching by paying the Registration Fees to attend VARIOUS FACULTY DEVELOPMENT PROGRAMS (FDP)/ SEMINARS/ WORKSHOPS/ Orientation /Refresher courses/STTPS.

Non-Teaching Staff will be paid while attending to skill development programs

Ø FINANCIAL SUPPORT TOWARDS MEMBERSHIPS OF PROFESSIONAL BODIES:The institute will pay up to 50% of the membership fee towards memberships of fee of professional bodies based on the eligibility criteria.
Ø STUDY LEAVE FOR PROFESSIONAL DEVELOPMENRR&D AND CONSULTANCY INCENTIVES: For Teaching staff Academic Leaves will be given to attend Seminars, Training Programs, Workshops &Symposiums and Non-Teaching staff for their higher studies according to GNITS Leave rules.
Ø R & D and Consultancy Incentives are provided as per the GNITS R&D and Consultancy Policy.

CODE OF ETHICS FOR TEACHERS:
Ø Advance the interests of the teaching profession through responsible ethical practices Regard themselves as learners and engage in continual professional development.
Ø Be truthful when making statement about their qualifications and competencies. Contribute to the development and promotion of sound educational policy.
Ø Contribute to the development of an open and reflective professional culture.
Ø Treat colleagues and associates with respect, working with them in a very congenial environment.
Ø Assist newcomers to the profession, disclosure is required by the law observes compelling professional purpose.
Ø Respect confidential information on colleagues.
Ø Speak out if the behavior of a colleague is seriously in breach of this code.

GENERAL RULES FOR ALL EMPLOYEES
The following clauses define the code of conduct for the employees of GNITS. They are equally applicable to both regular and contract employees.
1. Every Employee of the Institute shall be devoted to his/her duty and shall maintain absolute integrity, honesty, discipline, impartiality and a sense of propriety.
2. No Employee of the Institute shall behave in a manner which is unbecoming of such an Employee or which is derogatory to the prestige of the Institute.
3. No Employee of the Institute shall act in a manner which will place his/her official position under any kind of embarrassment.
4. No Employee of the Institute shall, in performing his/her official duties, act in a discourteous manner.
5. No Employee of the Institute shall, in his/her official dealings with the public and students, adopt dilatory tactics or willfully cause delays in disposal of work assigned to him/her.
6. No Employee of the Institute shall participate in any strike or similar activities including absence from duty without permission, hunger strike, etc; against the Management of the Institute

MISCONDUCT:
1. Without prejudice to the general meaning of the term misconduct, the following acts and / or omissions, which are illustrative and not exhaustive, shall be treated as serious misconduct.
2. Going on or participating in an illegal strike or abetting the same
3. Theft, fraud, breach of trust, or dishonesty by misappropriation of funds in connection with or damage to the property of the Institute or the property of another Employee/Office within the Institute premises
4. Collection or canvassing for the collection of any money, whatsoever, for purpose not authorized in writing by the Management within the premises of the Institute

CONTROL, DISCIPLINE AND APPEAL PROCEDURE FOR ENQUIRY
a) Whenever a case of misconduct or a case of indiscipline comes to the notice of the Administration, the accused Employee, with or without being kept under suspension depending on the severity of the incident, will be informed of the institution of enquiry along with the details of enquiry officer through a Memo asking him or her to appear before the Inquiry Officer at the place and time specified by the enquiry Officer.
b) The enquiry Officer appointed by the committee constituted by Principal shall be a person known for unbiased and impartial attitude and familiar with principles of natural justice.
c) The enquiry Officer should neither be a complainant nor a witness.
d) Based on the findings of inquiry a show-cause notice will be served on the accused keeping in view the principles of natural justice.
e) During any inquiry the delinquent is not entitled to engage a lawyer.

RECRUITMENT POLICY
The Head of the Department will put up the requirement for his/her respective department to the Management through Principal during the semester taking into account subject- wise teaching load calculation, and student-teacher ratio as per AICTE/NBA guidelines.
The Management then determines in consultation with Principal, whether the vacancy is to be filled through in-house staff selection or a new employee has to be selected. Regular vacancies shall be filled up through open advertisement in various newspapers only.

Minimum Qualification for Recruitments:
Minimum qualification, experience, research contributions, feedback and requisite training requirements for different levels for direct recruitment and promotions for the faculty members are as follows.

Qualifications for direct recruitment as an ASSISTANT PROFESSOR
(a) Engineering / Technology
B.E. / B. Tech. / B. S. and M. E. / M. Tech. / M. S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees.
Qualifications for Faculties in Science and Humanities:
The qualifications for recruitment and promotions for faculty in the disciplines of Basic Sciences, Social Science and Humanities shall be as per the UGC Notification No. F.1- 2/2017(EC/

PS) Dated 18th July, 2018 and UGC guidelines issued from time to time.
Note: Candidates who have done Ph.D. after the Bachelor’s Degree from institution of National importance with GATE/ GPAT/ CEED shall be eligible for the post of Assistant Professor.
Qualifications for ASSOCIATE PROFESSOR
For Direct Recruitment
a. Ph.D. degree in the relevant field and First class or equivalent at either Bachelor’s or Master’s level in the relevant branch &
b. At least total 6 research publications in SCI journals / UGC / AICTE approved list of journals. &
c. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience.

Qualifications for PROFESSOR:
Direct Recruitment
a. Ph. D. degree in relevant field and First class or equivalent at either Bachelor’s or Master’s level in the relevant branch. &

b. Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor
c. At least 6 research publications at the level of Associate Professor in SCI journals / UGC/ AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co- supervisor till the date of eligibility of promotion. (OR)
d. At least 10 research publications at the level of Associate Professor in SCI journals /UGC / AICTE approved list of journals till the date of eligibility of promotion.

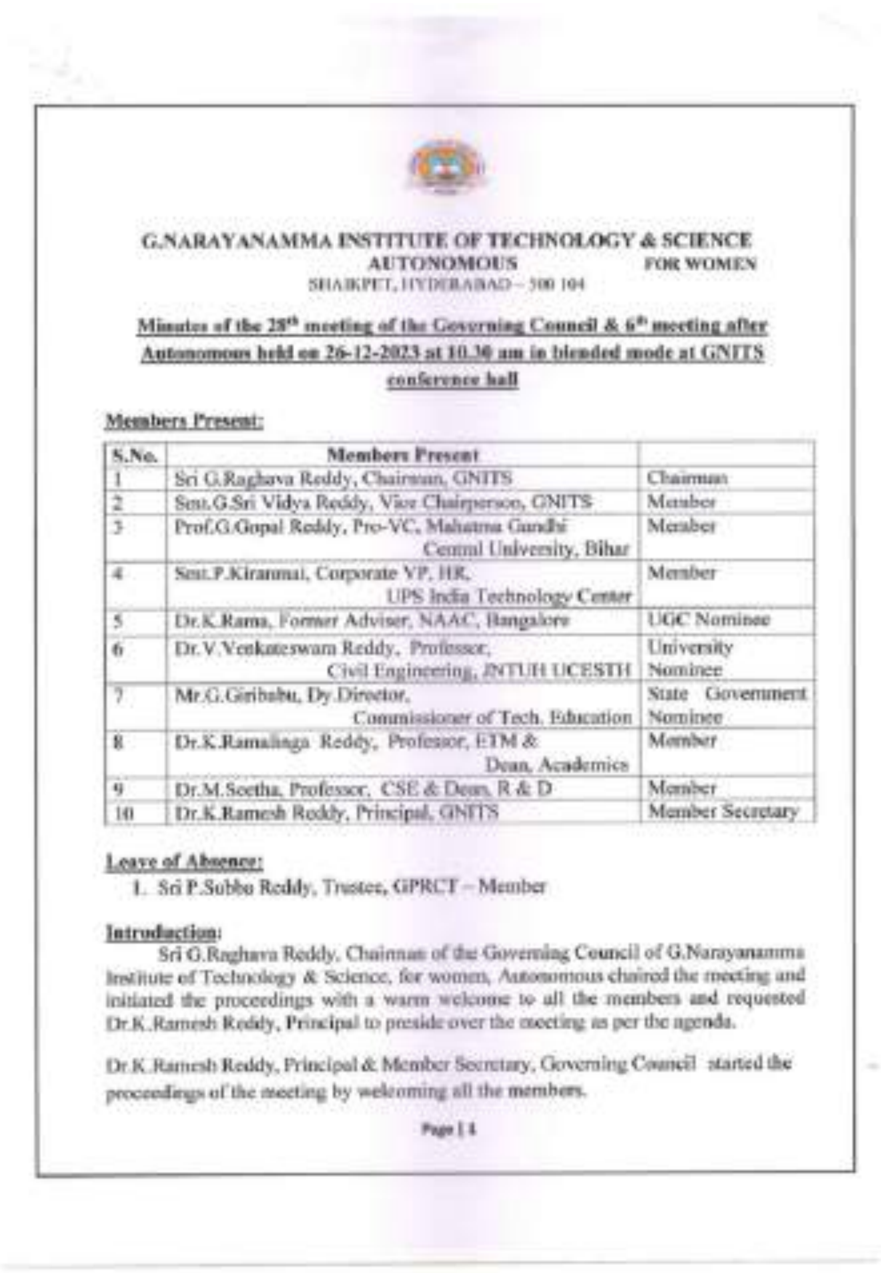
PROMOTIONAL POLICY

The College adopts the following steps for PROMOTIONAL PROCESS under Career Advancement Scheme (CAS)/Direct Recruitment for faculty positions:
Notification regarding recruitment of new faculty positions in various Departments duly approved by the Governing Body shall be published in two reputed News Papers
of which, at least one should be an English National daily. A copy of the same shall be placed on the College website and collects the Requisitions from external faculty. In the case of CAS,an internal circular directing the faculty to apply
for promotion along with the format is to be circulated.

For Direct Recruitment for promotion - after the Scrutiny of applications based on the eligibility criteria and depending on the number of eligible applicants, if necessary, a screening test may be conducted and the shortlisted candidates in the ratio of 1:4 shall be called for interview in the form of call letter either by post or by email. The responsibility of verification of eligibility of the applied candidates as per AICTE/PCI norms solely lies with the College.

In case all the shortlisted applicants for the post of Assistant/Associate Professors/Professors are previously selected through a duly constituted Selection Committee (with
University nominee) and working in the same post and same Department in any institution under JNTUH, the college recruits such faculty through CAS.

C. Minutes of the meetings and action-taken reports (3)
Governing Body Minutes of Meeting



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS FOR WOMEN
SHAIKPET, HYDERABAD – 500 104

Minutes of the 28th meeting of the Governing Council & 6th meeting after Autonomous held on 26-12-2023 at 10.30 am in blended mode at GNITS conference hall

Members Present:

S.No.	Members Present	
1	Sri G.Raghava Reddy, Chairman, GNITS	Chairman
2	Smt.G.Sri Vidya Reddy, Vice Chairperson, GNITS	Member
3	Prof.G.Gopal Reddy, Pro-VC, Mahatma Gandhi Central University, Bihar	Member
4	Smt.P.Kiranmai, Corporate VP, HR, UPS India Technology Center	Member
5	Dr.K.Rama, Former Adviser, NAAC, Bangalore	UGC Nominee
6	Dr.V.Venkateswara Reddy, Professor, Civil Engineering, JNTUH UCESTH	University Nominee
7	Mr.G.Giribabu, Dy.Director, Commissioner of Tech. Education	State Government Nominee
8	Dr.K.Ramalinga Reddy, Professor, ETM & Dean, Academics	Member
9	Dr.M.Seetha, Professor, CSE & Dean, R & D	Member
10	Dr.K.Ramesh Reddy, Principal, GNITS	Member Secretary

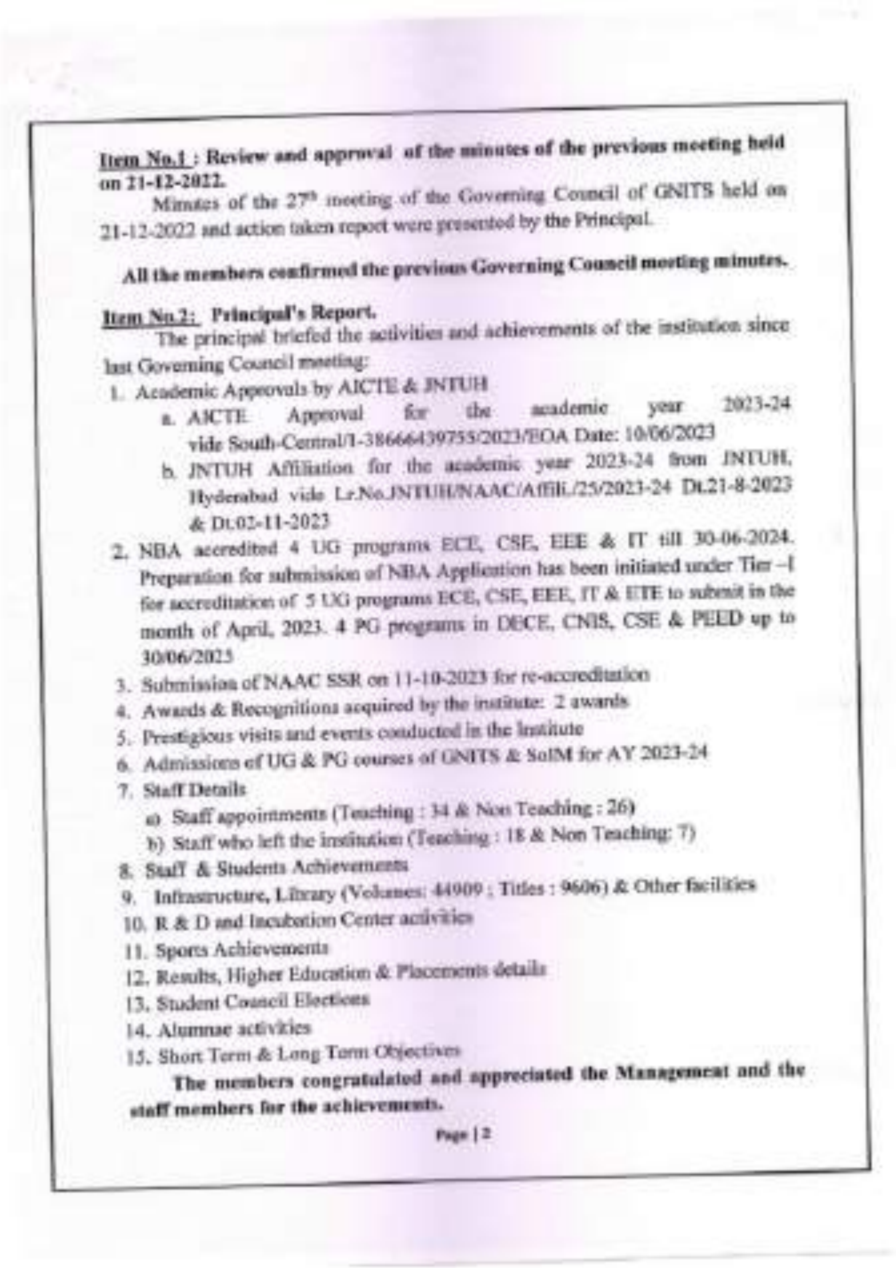
Leave of Absence:

1. Sri P.Subba Reddy, Trustee, GPRCT – Member

Introduction:

Sri G.Raghava Reddy, Chairman of the Governing Council of G.Narayanamma Institute of Technology & Science, for women, Autonomous chaired the meeting and initiated the proceedings with a warm welcome to all the members and requested Dr.K.Ramesh Reddy, Principal to preside over the meeting as per the agenda.

Dr.K.Ramesh Reddy, Principal & Member Secretary, Governing Council started the proceedings of the meeting by welcoming all the members.



Item No.1 : Review and approval of the minutes of the previous meeting held on 21-12-2022.

Minutes of the 27th meeting of the Governing Council of GNITS held on 21-12-2022 and action taken report were presented by the Principal.

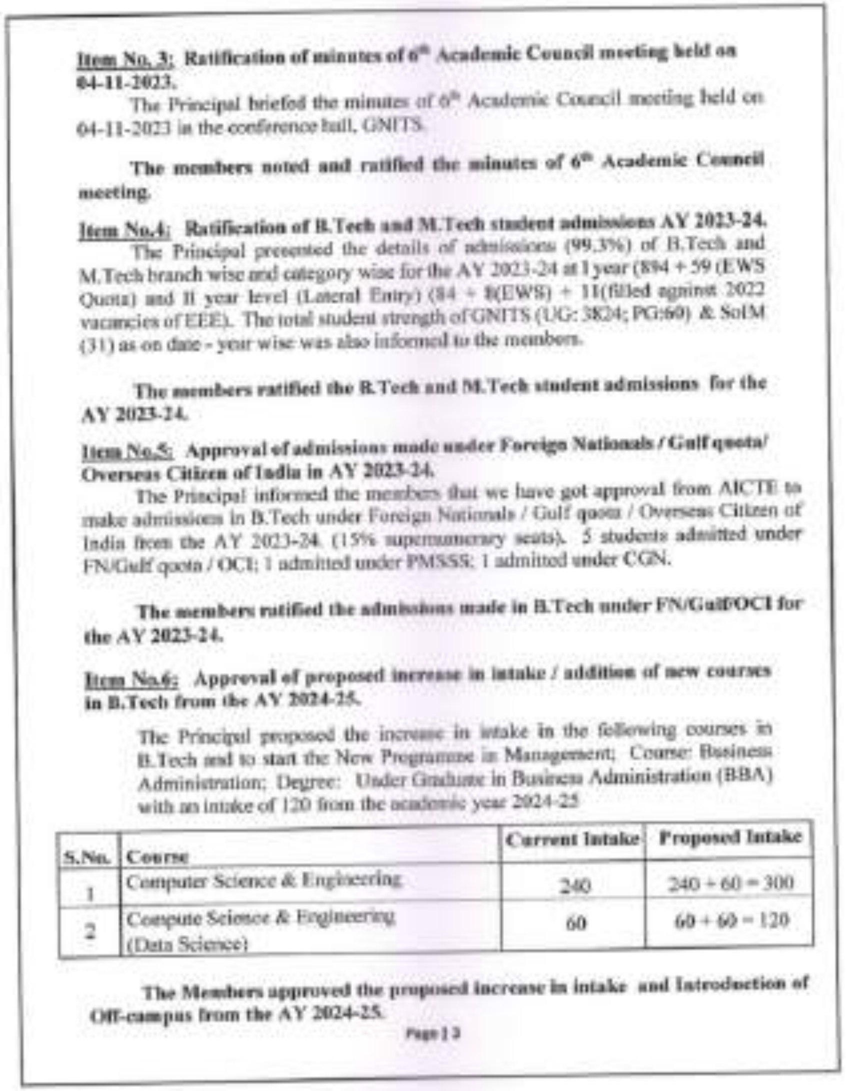
All the members confirmed the previous Governing Council meeting minutes.

Item No.2: Principal's Report.

The principal briefed the activities and achievements of the institution since last Governing Council meeting:

1. Academic Approvals by AICTE & JNTUH
   a. AICTE Approval for the academic year 2023-24 vide South-Central/1-38666439755/2023/EOA Date: 10/06/2023
   b. JNTUH Affiliation for the academic year 2023-24 from JNTUH, Hyderabad vide Lr.No.JNTUH/NAAC/Affili./25/2023-24 Dt.21-8-2023 & Dt.02-11-2023
2. NBA accredited 4 UG programs ECE, CSE, EEE & IT till 30-06-2024. Preparation for submission of NBA Application has been initiated under Tier –I for accreditation of 5 UG programs ECE, CSE, EEE, IT & ETE to submit in the month of April, 2023. 4 PG programs in DECE, CNIS, CSE & PEED up to 30/06/2025
3. Submission of NAAC SSR on 11-10-2023 for re-accreditation
4. Awards & Recognitions acquired by the institute: 2 awards
5. Prestigious visits and events conducted in the Institute
6. Admissions of UG & PG courses of GNITS & SoIM for AY 2023-24
7. Staff Details
   a) Staff appointments (Teaching : 34 & Non Teaching : 26)
   b) Staff who left the institution (Teaching : 18 & Non Teaching: 7)
8. Staff & Students Achievements
9. Infrastructure, Library (Volumes: 44909 ; Titles : 9606) & Other facilities
10. R & D and Incubation Center activities
11. Sports Achievements
12. Results, Higher Education & Placements details
13. Student Council Elections
14. Alumnae activities
15. Short Term & Long Term Objectives

The members congratulated and appreciated the Management and the staff members for the achievements.



Item No. 3: Ratification of minutes of 6th Academic Council meeting held on 04-11-2023.

The Principal briefed the minutes of 6th Academic Council meeting held on 04-11-2023 in the conference hall, GNITS.

The members noted and ratified the minutes of 6th Academic Council meeting.

Item No.4: Ratification of B.Tech and M.Tech student admissions AY 2023-24.

The Principal presented the details of admissions (99.3%) of B.Tech and M.Tech branch wise and category wise for the AY 2023-24 at I year (894 + 59 (EWS Quota) and II year level (Lateral Entry) (84 + 8(EWS) + 11(filled against 2022 vacancies of EEE). The total student strength of GNITS (UG: 3824; PG:60) & SoIM (31) as on date - year wise was also informed to the members.

The members ratified the B.Tech and M.Tech student admissions for the AY 2023-24.

Item No.5: Approval of admissions made under Foreign Nationals / Gulf quota/ Overseas Citizen of India in AY 2023-24.

The Principal informed the members that we have got approval from AICTE to make admissions in B.Tech under Foreign Nationals / Gulf quota / Overseas Citizen of India from the AY 2023-24. (15% supernumerary seats). 5 students admitted under FN/Gulf quota / OCI; 1 admitted under PMSSS; 1 admitted under CGN.

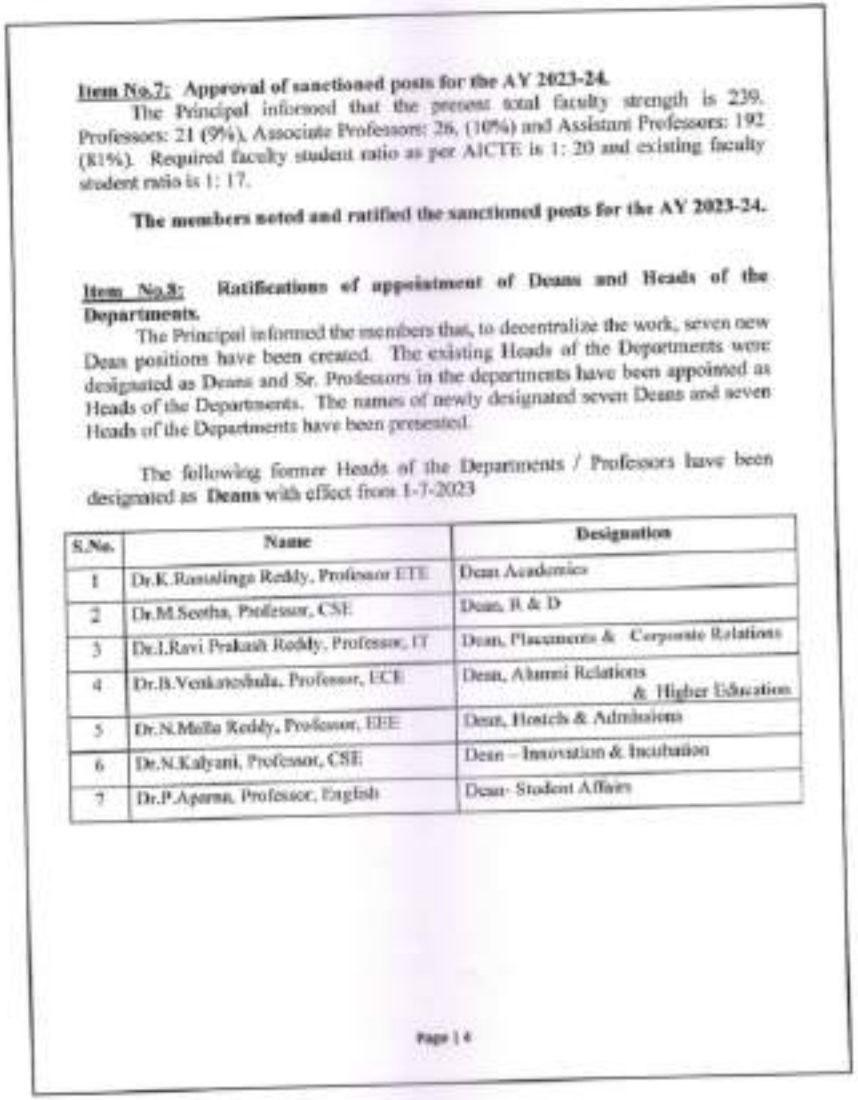
The members ratified the admissions made in B.Tech under FN/Gulf/OCI for the AY 2023-24.

Item No.6: Approval of proposed increase in intake / addition of new courses in B.Tech from the AY 2024-25.

The Principal proposed the increase in intake in the following courses in B.Tech and to start the New Programme in Management; Course: Business Administration; Degree: Under Graduate in Business Administration (BBA) with an intake of 120 from the academic year 2024-25

S.No.	Course	Current Intake	Proposed Intake
1	Computer Science & Engineering	240	240 + 60 = 300
2	Compute Science & Engineering (Data Science)	60	60 + 60 = 120

The Members approved the proposed increase in intake and Introduction of Off-campus from the AY 2024-25.



Item No.7: Approval of sanctioned posts for the AY 2023-24.

The Principal informed that the present total faculty strength is 239. Professors: 21 (9%), Associate Professors: 26, (10%) and Assistant Professors: 192 (81%). Required faculty student ratio as per AICTE is 1: 20 and existing faculty student ratio is 1: 17.

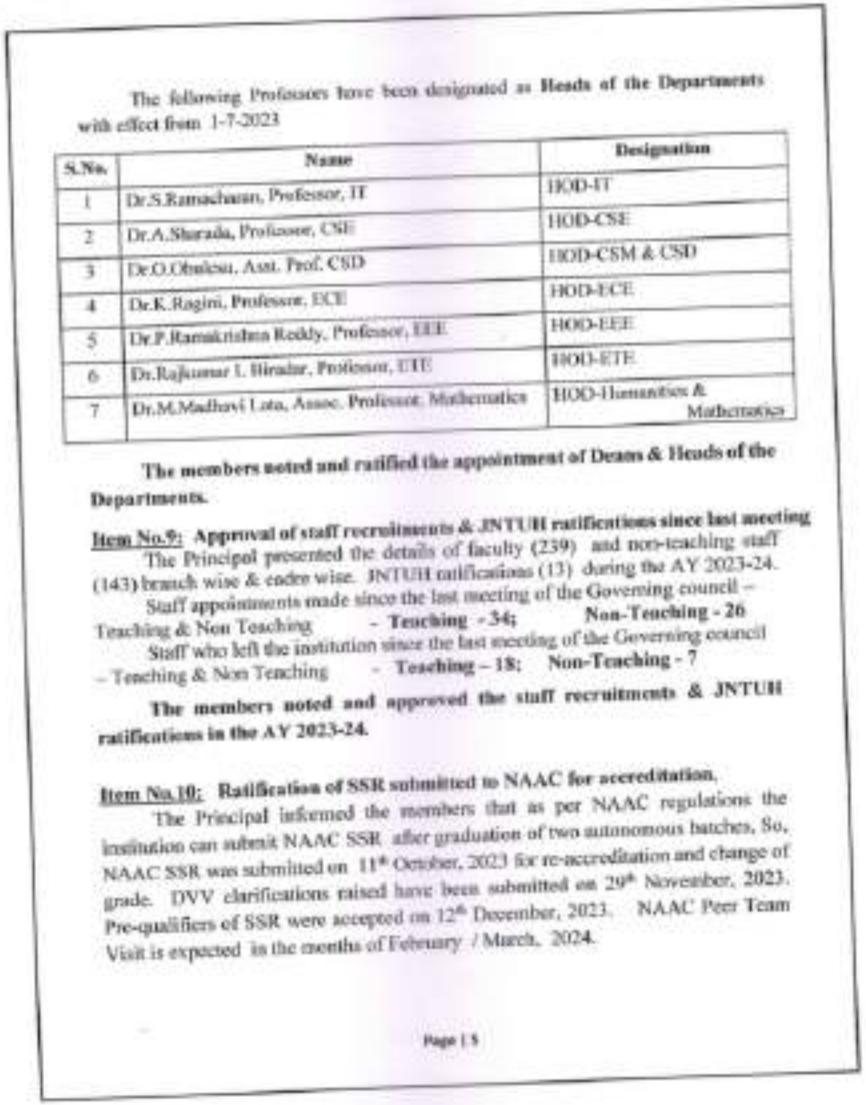
The members noted and ratified the sanctioned posts for the AY 2023-24.

Item No.8: Ratifications of appointment of Deans and Heads of the Departments.

The Principal informed the members that, to decentralize the work, seven new Dean positions have been created. The existing Heads of the Departments were designated as Deans and Sr. Professors in the departments have been appointed as Heads of the Departments. The names of newly designated seven Deans and seven Heads of the Departments have been presented.

The following former Heads of the Departments / Professors have been designated as **Deans** with effect from 1-7-2023

S.No.	Name	Designation
1	Dr.K.Ramalinga Reddy, Professor ETE	Dean Academics
2	Dr.M.Seetha, Professor, CSE	Dean, R & D
3	Dr.I.Ravi Prakash Reddy, Professor, IT	Dean, Placements & Corporate Relations
4	Dr.B.Venkateshulu, Professor, ECE	Dean, Alumni Relations & Higher Education
5	Dr.N.Malla Reddy, Professor, EEE	Dean, Hostels & Admissions
6	Dr.N.Kalyani, Professor, CSE	Dean – Innovation & Incubation
7	Dr.P.Aparna, Professor, English	Dean- Student Affairs



The following Professors have been designated as **Heads of the Departments** with effect from 1-7-2023

S.No.	Name	Designation
1	Dr.S.Ramacharan, Professor, IT	HOD-IT
2	Dr.A.Sharada, Professor, CSE	HOD-CSE
3	Dr.O.Obulesu, Asst. Prof. CSD	HOD-CSM & CSD
4	Dr.K.Ragini, Professor, ECE	HOD-ECE
5	Dr.P.Ramakrishna Reddy, Professor, EEE	HOD-EEE
6	Dr.Rajkumar L Biradar, Professor, ETE	HOD-ETE
7	Dr.M.Madhavi Lata, Assoc. Professor, Mathematics	HOD-Humanities & Mathematics

The members noted and ratified the appointment of Deans & Heads of the Departments.

Item No.9: Approval of staff recruitments & JNTUH ratifications since last meeting

The Principal presented the details of faculty (239) and non-teaching staff (143) branch wise & cadre wise. JNTUH ratifications (13) during the AY 2023-24.

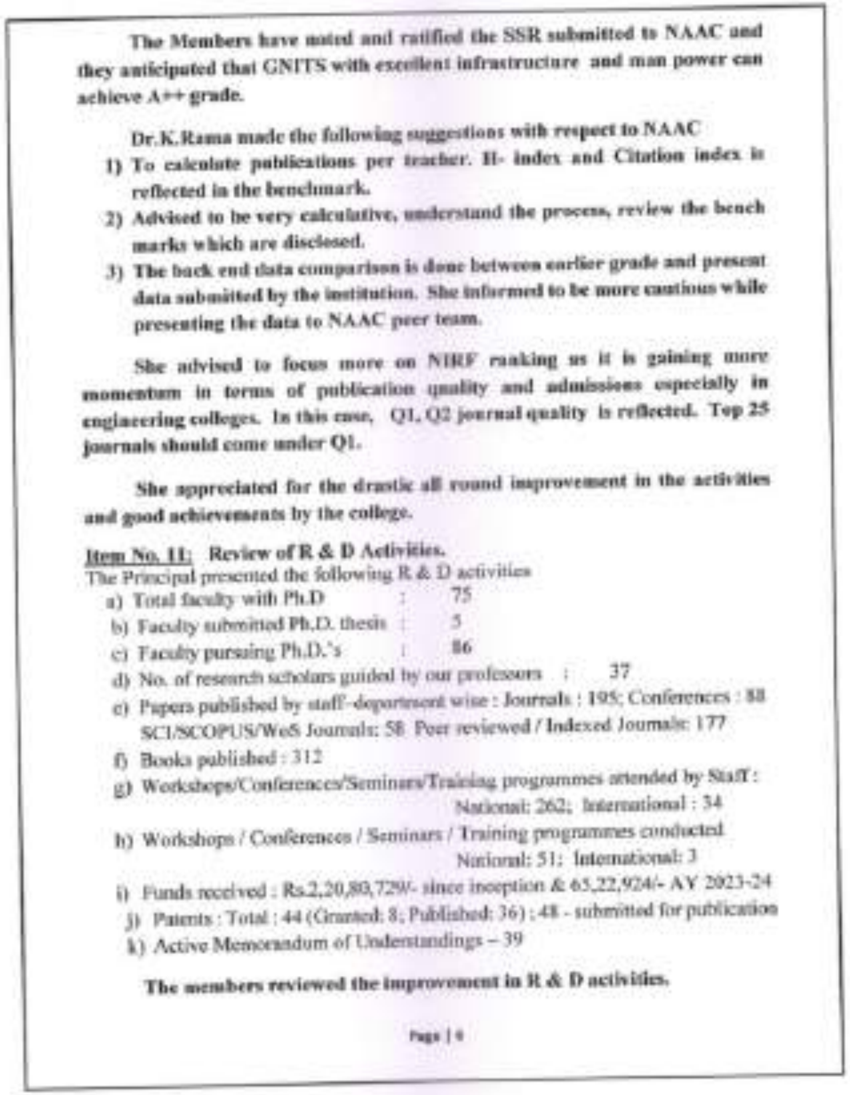
Staff appointments made since the last meeting of the Governing council – Teaching & Non Teaching - **Teaching - 34; Non-Teaching - 26**

Staff who left the institution since the last meeting of the Governing council – Teaching & Non Teaching - **Teaching – 18; Non-Teaching - 7**

The members noted and approved the staff recruitments & JNTUH ratifications in the AY 2023-24.

Item No.10: Ratification of SSR submitted to NAAC for accreditation.

The Principal informed the members that as per NAAC regulations the institution can submit NAAC SSR after graduation of two autonomous batches. So, NAAC SSR was submitted on 11th October, 2023 for re-accreditation and change of grade. DVV clarifications raised have been submitted on 29th November, 2023. Pre-qualifiers of SSR were accepted on 12th December, 2023. NAAC Peer Team Visit is expected in the months of February / March, 2024.



The Members have noted and ratified the SSR submitted to NAAC and they anticipated that GNITS with excellent infrastructure and man power can achieve A++ grade.

Dr.K.Rama made the following suggestions with respect to NAAC

1) **To calculate publications per teacher. H- index and Citation index is reflected in the benchmark.**
2) **Advised to be very calculative, understand the process, review the bench marks which are disclosed.**
3) **The back end data comparison is done between earlier grade and present data submitted by the institution. She informed to be more cautious while presenting the data to NAAC peer team.**

She advised to focus more on NIRF ranking as it is gaining more momentum in terms of publication quality and admissions especially in engineering colleges. In this case, Q1, Q2 journal quality is reflected. Top 25 journals should come under Q1.

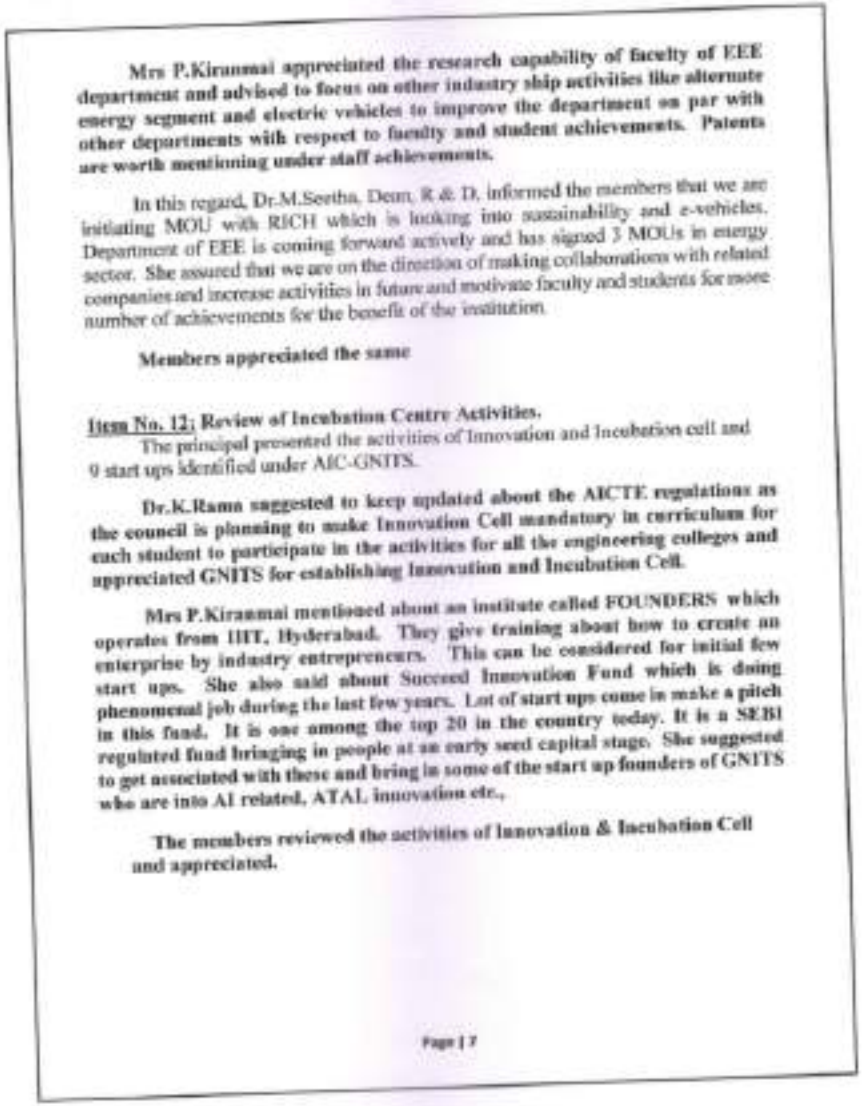
She appreciated for the drastic all round improvement in the activities and good achievements by the college.

Item No. 11: Review of R & D Activities.

The Principal presented the following R & D activities

a) Total faculty with Ph.D : 75
b) Faculty submitted Ph.D. thesis : 5
c) Faculty pursuing Ph.D.'s : 86
d) No. of research scholars guided by our professors : 37
e) Papers published by staff-department wise : Journals : 195; Conferences : 88 SCI/SCOPUS/WoS Journals: 58 Peer reviewed / Indexed Journals: 177
f) Books published : 312
g) Workshops/Conferences/Seminars/Training programmes attended by Staff : National: 262; International : 34
h) Workshops / Conferences / Seminars / Training programmes conducted National: 51; International: 3
i) Funds received : Rs.2,20,80,729/- since inception & 65,22,924/- AY 2023-24
j) Patents : Total : 44 (Granted: 8; Published: 36) ; 48 - submitted for publication
k) Active Memorandum of Understandings – 39

The members reviewed the improvement in R & D activities.



Mrs P.Kiranmai appreciated the research capability of faculty of EEE department and advised to focus on other industry ship activities like alternate energy segment and electric vehicles to improve the department on par with other departments with respect to faculty and student achievements. Patents are worth mentioning under staff achievements.

In this regard, Dr.M.Seetha, Dean, R & D, informed the members that we are initiating MOU with RICH which is looking into sustainability and e-vehicles. Department of EEE is coming forward actively and has signed 3 MOUs in energy sector. She assured that we are on the direction of making collaborations with related companies and increase activities in future and motivate faculty and students for more number of achievements for the benefit of the institution.

Members appreciated the same

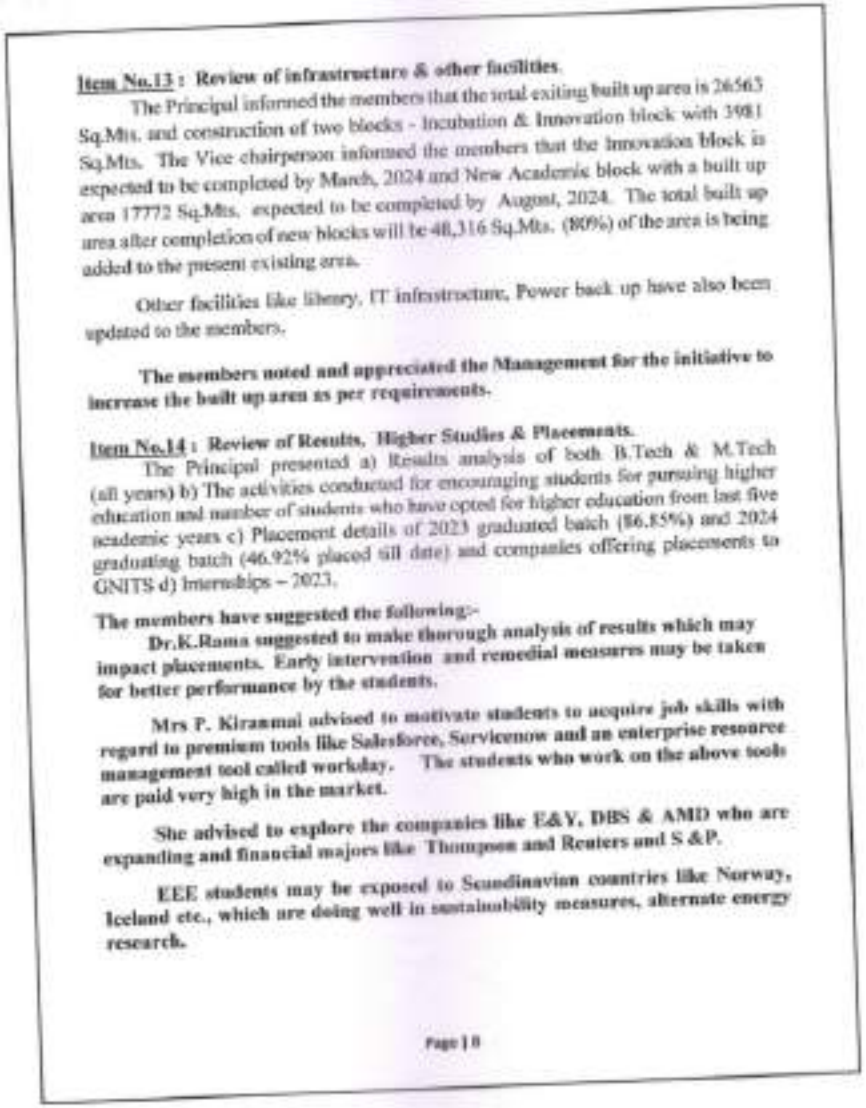
Item No. 12: Review of Incubation Centre Activities.

The principal presented the activities of Innovation and Incubation cell and 9 start ups identified under AIC-GNITS.

Dr.K.Rama suggested to keep updated about the AICTE regulations as the council is planning to make Innovation Cell mandatory in curriculum for each student to participate in the activities for all the engineering colleges and appreciated GNITS for establishing Innovation and Incubation Cell.

Mrs P.Kiranmai mentioned about an institute called FOUNDERS which operates from IIIT, Hyderabad. They give training about how to create an enterprise by industry entrepreneurs. This can be considered for initial few start ups. She also said about Succeed Innovation Fund which is doing phenomenal job during the last few years. Lot of start ups come in make a pitch in this fund. It is one among the top 20 in the country today. It is a SEBI regulated fund bringing in people at an early seed capital stage. She suggested to get associated with these and bring in some of the start up founders of GNITS who are into AI related, ATAL innovation etc.,

The members reviewed the activities of Innovation & Incubation Cell and appreciated.



Item No.13 : Review of infrastructure & other facilities.

The Principal informed the members that the total exiting built up area is 26563 Sq.Mts. and construction of two blocks - Incubation & Innovation block with 3981 Sq.Mts. The Vice chairperson informed the members that the Innovation block is expected to be completed by March, 2024 and New Academic block with a built up area 17772 Sq.Mts. expected to be completed by August, 2024. The total built up area after completion of new blocks will be 48,316 Sq.Mts. (80%) of the area is being added to the present existing area.

Other facilities like library, IT infrastructure, Power back up have also been updated to the members.

The members noted and appreciated the Management for the initiative to increase the built up area as per requirements.

Item No.14 : Review of Results, Higher Studies & Placements.

The Principal presented a) Results analysis of both B.Tech & M.Tech (all years) b) The activities conducted for encouraging students for pursuing higher education and number of students who have opted for higher education from last five academic years c) Placement details of 2023 graduated batch (86.85%) and 2024 graduating batch (46.92% placed till date) and companies offering placements to GNITS d) Internships – 2023.

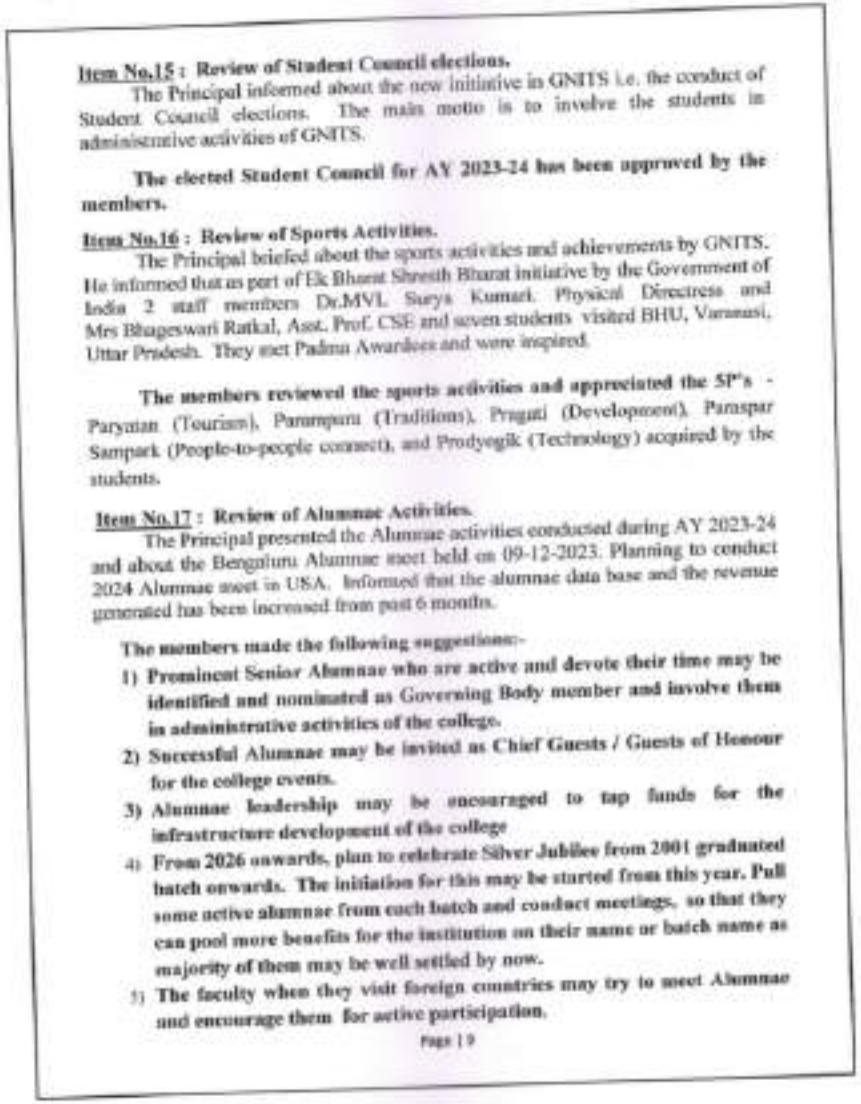
The members have suggested the following:-

Dr.K.Rama suggested to make thorough analysis of results which may impact placements. Early intervention and remedial measures may be taken for better performance by the students.

Mrs P. Kirammai advised to motivate students to acquire job skills with regard to premium tools like Salesforce, Servicenow and an enterprise resource management tool called workday. The students who work on the above tools are paid very high in the market.

She advised to explore the companies like E&Y, DBS & AMD who are expanding and financial majors like Thompson and Reuters and S &P.

EEE students may be exposed to Scandinavian countries like Norway, Iceland etc., which are doing well in sustainability measures, alternate energy research.



Item No.15 : Review of Student Council elections.

The Principal informed about the new initiative in GNITS i.e. the conduct of Student Council elections. The main motio is to involve the students in administrative activities of GNITS.

The elected Student Council for AY 2023-24 has been approved by the members.

Item No.16 : Review of Sports Activities.

The Principal briefed about the sports activities and achievements by GNITS. He informed that as part of Ek Bharat Shresth Bharat initiative by the Government of India 2 staff members Dr.MVL Surya Kumari, Physical Directress and Mrs Bhageswari Ratkal, Asst. Prof. CSE and seven students visited BHU, Varanasi, Uttar Pradesh. They met Padma Awardees and were inspired.

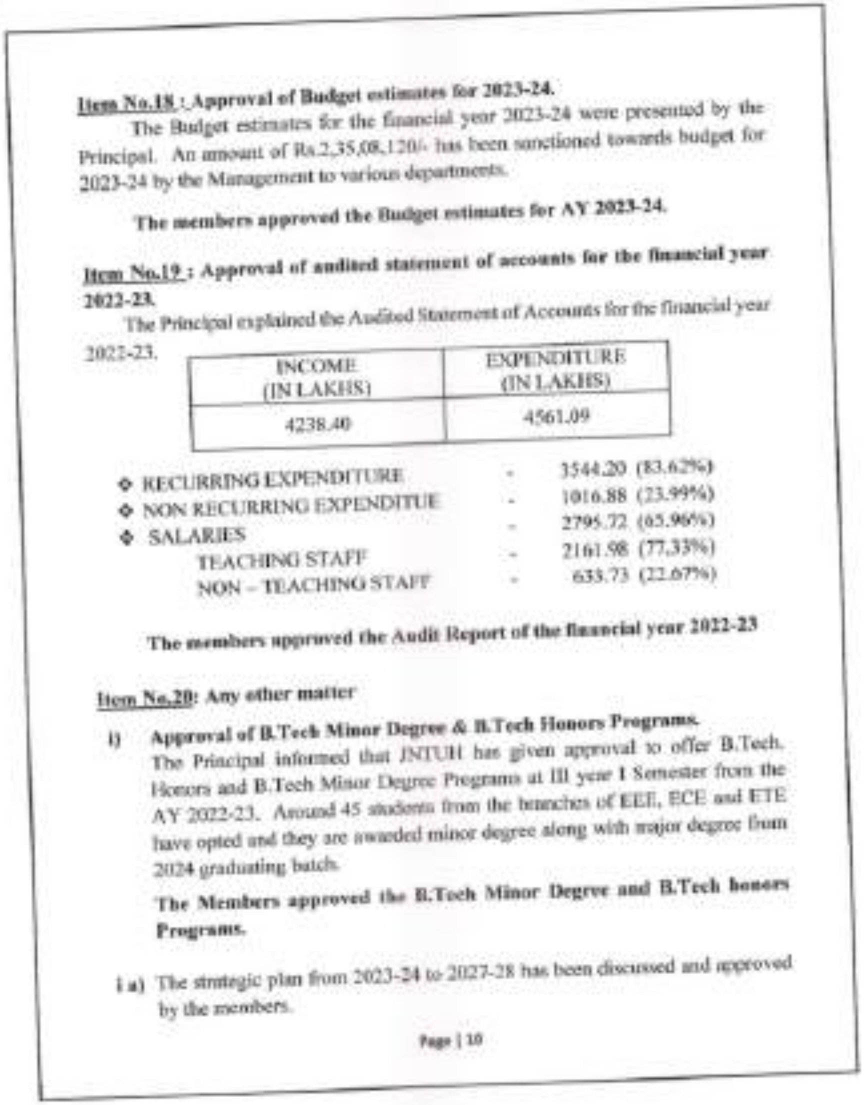
The members reviewed the sports activities and appreciated the 5P's - Paryatan (Tourism), Parampara (Traditions), Pragati (Development), Paraspar Sampark (People-to-people connect), and Prodyogik (Technology) acquired by the students.

Item No.17 : Review of Alumnae Activities.

The Principal presented the Alumnae activities conducted during AY 2023-24 and about the Bengaluru Alumnae meet held on 09-12-2023. Planning to conduct 2024 Alumnae meet in USA. Informed that the alumnae data base and the revenue generated has been increased from past 6 months.

The members made the following suggestions:-

1) **Prominent Senior Alumnae who are active and devote their time may be identified and nominated as Governing Body member and involve them in administrative activities of the college.**
2) **Successful Alumnae may be invited as Chief Guests / Guests of Honour for the college events.**
3) **Alumnae leadership may be encouraged to tap funds for the infrastructure development of the college**
4) **From 2026 onwards, plan to celebrate Silver Jubilee from 2001 graduated batch onwards. The initiation for this may be started from this year. Pull some active alumnae from each batch and conduct meetings, so that they can pool more benefits for the institution on their name or batch name as majority of them may be well settled by now.**
5) **The faculty when they visit foreign countries may try to meet Alumnae and encourage them for active participation.**



Item No.18 : Approval of Budget estimates for 2023-24.

The Budget estimates for the financial year 2023-24 were presented by the Principal. An amount of Rs.2,35,08,120/- has been sanctioned towards budget for 2023-24 by the Management to various departments.

The members approved the Budget estimates for AY 2023-24.

Item No.19 : Approval of audited statement of accounts for the financial year 2022-23.

The Principal explained the Audited Statement of Accounts for the financial year 2022-23.

INCOME (IN LAKHS)	EXPENDITURE (IN LAKHS)
4238.40	4561.09

❖ RECURRING EXPENDITURE	-	3544.20 (83.62%)
❖ NON RECURRING EXPENDITUE	-	1016.88 (23.99%)
❖ SALARIES	-	2795.72 (65.96%)
TEACHING STAFF	-	2161.98 (77.33%)
NON – TEACHING STAFF	-	633.73 (22.67%)

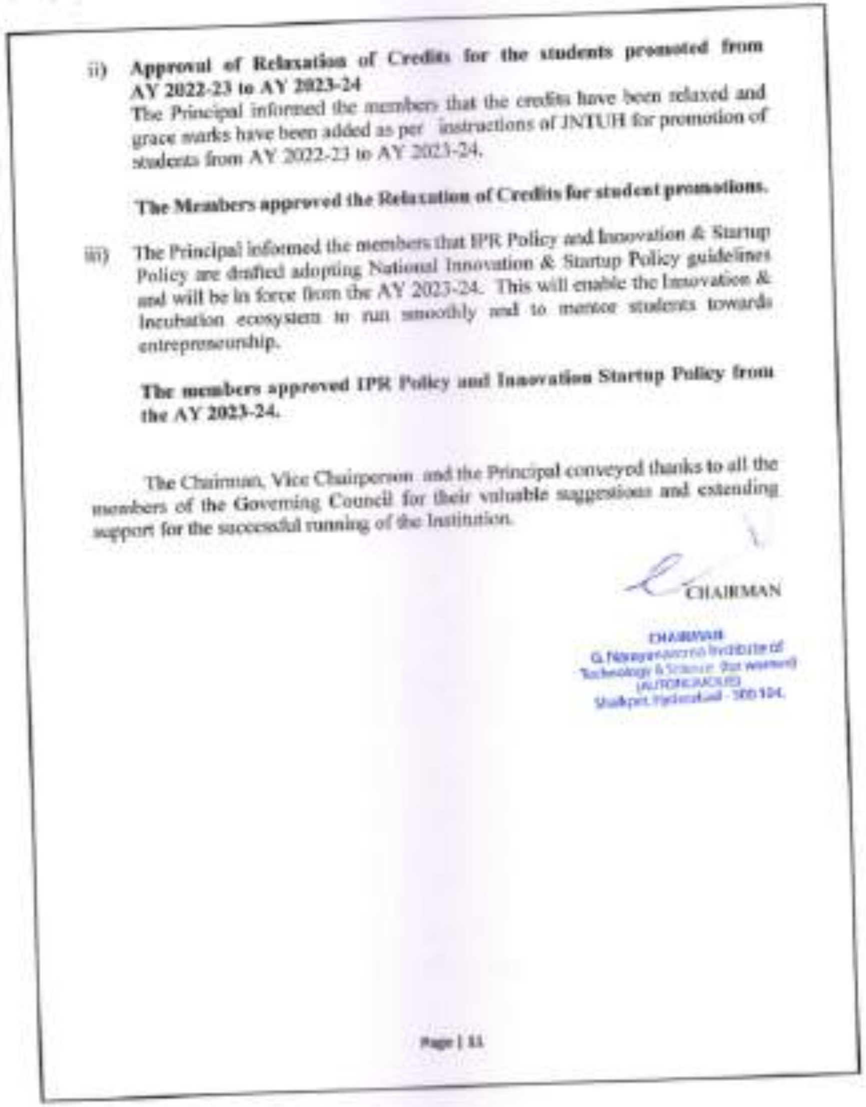
The members approved the Audit Report of the financial year 2022-23

Item No.20: Any other matter

i) **Approval of B.Tech Minor Degree & B.Tech Honors Programs.**
The Principal informed that JNTUH has given approval to offer B.Tech. Honors and B.Tech Minor Degree Programs at III year I Semester from the AY 2022-23. Around 45 students from the branches of EEE, ECE and ETE have opted and they are awarded minor degree along with major degree from 2024 graduating batch.

The Members approved the B.Tech Minor Degree and B.Tech honors Programs.

i a) The strategic plan from 2023-24 to 2027-28 has been discussed and approved by the members.



ii) **Approval of Relaxation of Credits for the students promoted from AY 2022-23 to AY 2023-24**

The Principal informed the members that the credits have been relaxed and grace marks have been added as per instructions of JNTUH for promotion of students from AY 2022-23 to AY 2023-24.

The Members approved the Relaxation of Credits for student promotions.

iii) The Principal informed the members that IPR Policy and Innovation & Startup Policy are drafted adopting National Innovation & Startup Policy guidelines and will be in force from the AY 2023-24. This will enable the Innovation & Incubation ecosystem to run smoothly and to mentor students towards entrepreneurship.

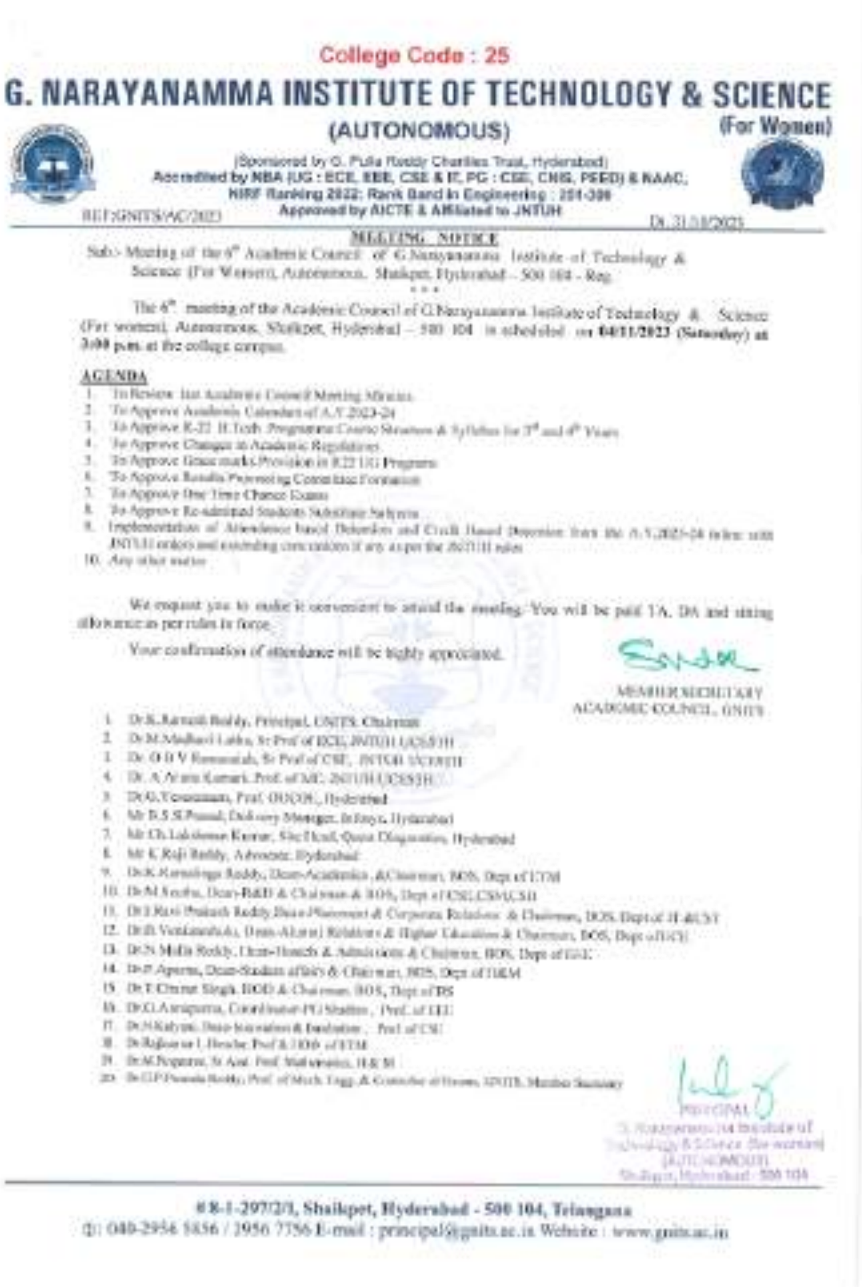
The members approved IPR Policy and Innovation Startup Policy from the AY 2023-24.

The Chairman, Vice Chairperson and the Principal conveyed thanks to all the members of the Governing Council for their valuable suggestions and extending support for the successful running of the Institution.

CHAIRMAN

CHAIRMAN
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

Academic Council Minutes of Meeting



College Code : 25

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
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NIRF Ranking 2022: Rank Band in Engineering : 251-300
Approved by AICTE & Affiliated to JNTUH

REF:GNITS/AC/2023
Dt. 31/10/2023

MEETING NOTICE

Sub:- Meeting of the 6th Academic Council of G.Narayanamma Institute of Technology & Science (For Women), Autonomous, Shaikpet, Hyderabad – 500 104 - Reg.

* * *

The 6th meeting of the Academic Council of G.Narayanamma Institute of Technology & Science (For women), Autonomous, Shaikpet, Hyderabad – 500 104 is scheduled on **04/11/2023 (Saturday) at 3:00 p.m.** at the college campus.

AGENDA

1. To Review last Academic Council Meeting Minutes
2. To Approve Academic Calendar of A.Y 2023-24
3. To Approve R-22 B.Tech Programme Course Structure & Syllabus for 3rd and 4th Years
4. To Approve Changes in Academic Regulations
5. To Approve Grace marks Provision in R22 UG Program
6. To Approve Results Processing Committee Formation
7. To Approve One Time Chance Exams
8. To Approve Re-admitted Students Substitute Subjects
9. Implementation of Attendance based Detention and Credit Based Detention from the A.Y.2023-24 in line with JNTUH orders and extending concessions if any as per the JNTUH rules
10. Any other matter

We request you to make it convenient to attend the meeting. You will be paid TA, DA and sitting allowance as per rules in force.

Your confirmation of attendance will be highly appreciated.

MEMBER SECRETARY
ACADEMIC COUNCIL, GNITS

1. Dr.K.Ramesh Reddy, Principal, GNITS, Chairman
2. Dr.M.Madhavi Latha, Sr Prof of ECE, JNTUH UCESTH
3. Dr. O B V Ramanaiah, Sr Prof of CSE, JNTUH UCESTH
4. Dr. A Aruna Kumari, Prof. of ME, JNTUH UCESTH
5. Dr.G.Yesuratnam, Prof, OUCOE, Hyderabad
6. Mr B.S.S Prasad, Delivery Manager, Infosys, Hyderabad
7. Mr Ch.Lakshmana Kumar, Site Head, Quest Diagnostics, Hyderabad
8. Mr K Raji Reddy, Advocate, Hyderabad
9. Dr.K.Ramalinga Reddy, Dean-Academics, &Chairman, BOS, Dept of ETM
10. Dr.M.Seetha, Dean-R&D & Chairman & BOS, Dept of CSE,CSM,CSD
11. Dr.I.Ravi Prakash Reddy, Dean-Placement & Corporate Relations & Chairman, BOS, Dept of IT &CST
12. Dr.B.Venkateshulu, Dean-Alumni Relations & Higher Education & Chairman, BOS, Dept of ECE
13. Dr.N.Malla Reddy, Dean-Hostels & Admissions & Chairman, BOS, Dept of EEE
14. Dr.P.Aparna, Dean-Student affairs & Chairman, BOS, Dept of H&M
15. Dr.T.Charan Singh, HOD & Chairman, BOS, Dept of BS
16. Dr.G.Annapurna, Coordinator-PG Studies, Prof. of EEE
17. Dr.N.Kalyani, Dean-Innovation & Incubation, Prof. of CSE
18. Dr.Rajkumar L Biradar, Prof & HOD of ETM
19. Dr.M.Nagamma, Sr Asst. Prof. Mathematics, H&M
20. Dr.C.P.Prasada Reddy, Prof. of Mech. Engg. & Controller of Exams, GNITS, Member Secretary

PRINCIPAL
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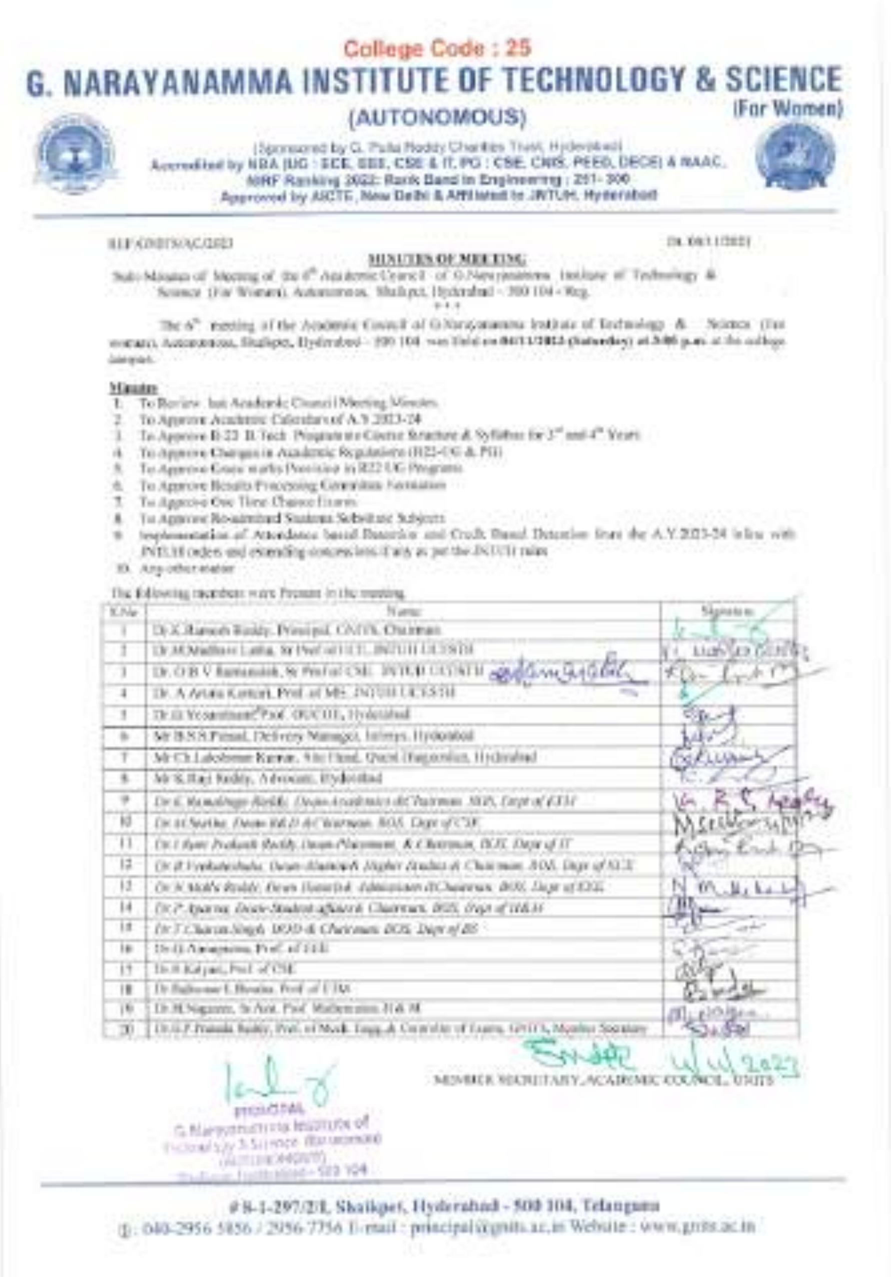

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REF:GNITS/AC/2023 Dt. 04/11/2023

MINUTES OF MEETING

Sub: Minutes of Meeting of the 6th Academic Council of G.Narayanamma Institute of Technology & Science (For Women), Autonomous, Shaikpet, Hyderabad - 500 104 - Reg.

* * *

The 6th meeting of the Academic Council of G.Narayanamma Institute of Technology & Science (For women), Autonomous, Shaikpet, Hyderabad – 500 104 was held on **04/11/2023 (Saturday) at 3:00 p.m.** at the college campus.

Minutes

1. To Review last Academic Council Meeting Minutes.
2. To Approve Academic Calendar of A.Y 2023-24
3. To Approve R-22 B.Tech Programme Course Structure & Syllabus for 3rd and 4th Years
4. To Approve Changes in Academic Regulations (R22-UG & PG)
5. To Approve Grace marks Provision in R22 UG Programs
6. To Approve Results Processing Committee formation
7. To Approve One Time Chance Exams
8. To Approve Re-admitted Students Substitute Subjects
9. Implementation of Attendance based Detention and Credit Based Detention from the A.Y 2023-24 in line with JNTUH orders and extending concessions if any as per the JNTUH rules
10. Any other matter

The following members were Present in the meeting

S.No	Name	Signature
1	Dr.K.Ramesh Reddy, Principal, GNITS, Chairman	
2	Dr.M.Madhavi Latha, Sr Prof of ECE, JNTUH UCESTH	
3	Dr. O.B.V Ramanaiah, Sr Prof of CSE, JNTUH UCESTH	
4	Dr. A Aruna Kumari, Prof. of ME, JNTUH UCESTH	
5	Dr.B.Vasantham, Prof. OUCE, Hyderabad	
6	Mr B.S.S.Prasad, Delivery Manager, Infosys, Hyderabad	
7	Mr Ch.Lakshman Kumar, Site Head, Quest Diagnostics, Hyderabad	
8	Mr K.Raj Reddy, Advocate, Hyderabad	
9	*Dr.K.Ramalinga Reddy, Dean-Academics & Chairman, BOS, Dept of ETM*	K. R. S. Reddy
10	*Dr.M.Seetha, Dean R&D & Chairman, BOS, Dept of CSE*	M Seetha
11	*Dr.I.Ravi Prakash Reddy, Dean-Placements & Chairman, BOS, Dept of IT*	
12	*Dr.B.Venkateshulu, Dean-Research & Higher Studies & Chairman, BOS, Dept of ECE*	
13	*Dr.N.Malla Reddy, Dean-Industry & Admissions & Chairman, BOS, Dept of EEE*	N. M. Reddy
14	*Dr.P.Aparna, Dean-Student affairs & Chairman, BOS, Dept of H&M*	
15	*Dr.T.Charan Singh, HOD & Chairman, BOS, Dept of BS*	
16	Dr.[illegible], Prof. of EEE	
17	Dr.B.Kalyani, Prof. of CSE	
18	Dr Rajkumar L Biradar, Prof. of ETM	
19	Dr.M.Nagarani, Sr.Asst. Prof. Mathematics, H & M	
20	Dr.[illegible] Reddy, Prof. of Mech. Engg. & Controller of Exams, GNITS, Member Secretary	

4/11/2023
MEMBER SECRETARY, ACADEMIC COUNCIL, GNITS

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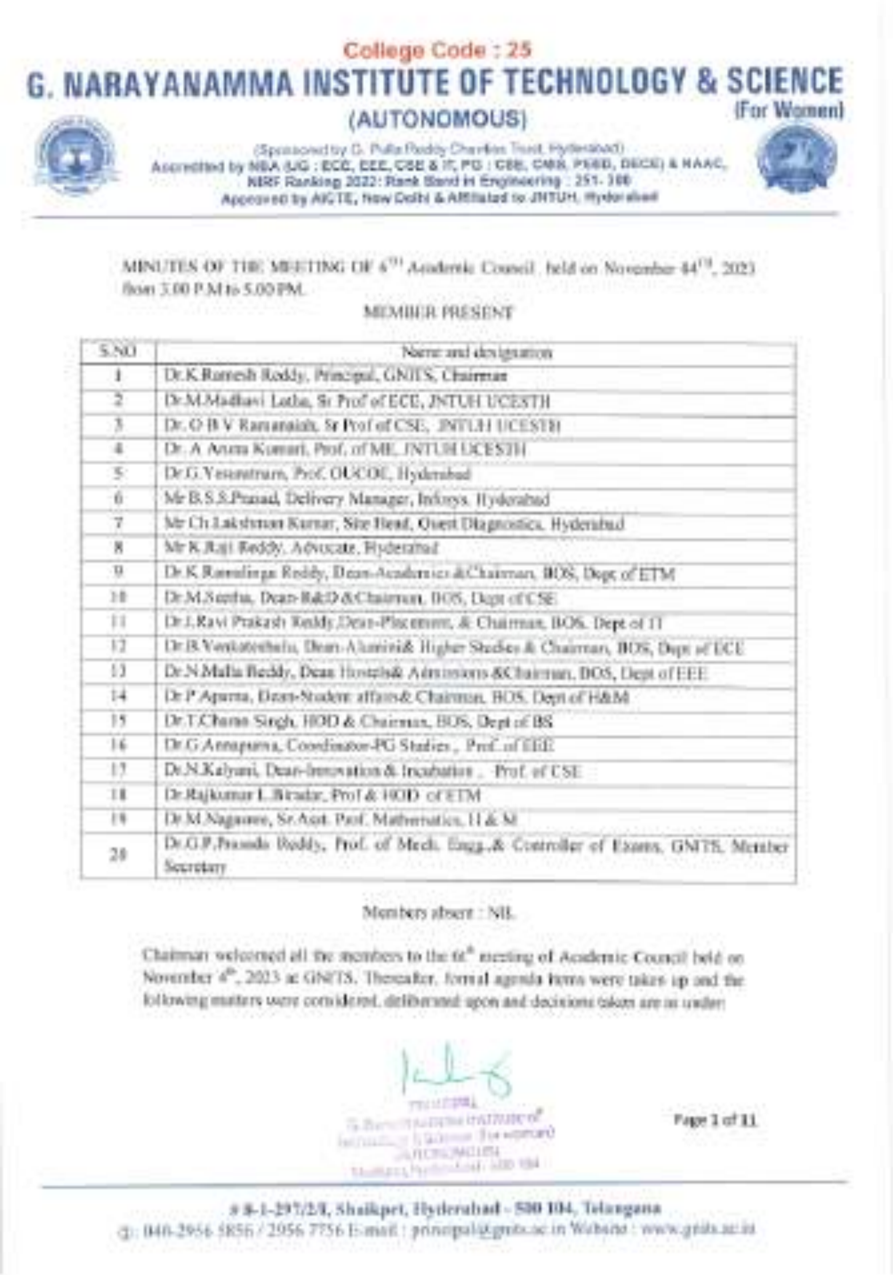

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MINUTES OF THE MEETING OF 6TH Academic Council held on November 04TH, 2023 from 3.00 P.M to 5.00 PM.

MEMBER PRESENT

S.NO	Name and designation
1	Dr.K.Ramesh Reddy, Principal, GNITS, Chairman
2	Dr.M.Madhavi Latha, Sr Prof of ECE, JNTUH UCESTH
3	Dr. O B V Ramanaiah, Sr Prof of CSE, JNTUH UCESTH
4	Dr. A Aruna Kumari, Prof. of ME, JNTUH UCESTH
5	Dr.G.Yesuratnam, Prof. OUCOE, Hyderabad
6	Mr B.S.S.Prasad, Delivery Manager, Infosys, Hyderabad
7	Mr Ch Lakshman Kumar, Site Head, Quest Diagnostics, Hyderabad
8	Mr K.Raji Reddy, Advocate, Hyderabad
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13	Dr.N.Malla Reddy, Dean Hostels& Admissions &Chairman, BOS, Dept of EEE
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16	Dr.G.Annapurna, Coordinator-PG Studies , Prof. of EEE
17	Dr.N.Kalyani, Dean-Innovation & Incubation , Prof. of CSE
18	Dr.Rajkumar L.Biradar, Prof & HOD of ETM
19	Dr.M.Nagamee, Sr.Asst. Prof. Mathematics, H & M
20	Dr.G.P.Prasada Reddy, Prof. of Mech. Engg.,& Controller of Exams, GNITS, Member Secretary

Members absent : NIL

Chairman welcomed all the members to the 6th meeting of Academic Council held on November 4th, 2023 at GNITS. Thereafter, formal agenda items were taken up and the following matters were considered, deliberated upon and decisions taken are as under:

PRINCIPAL
G. Narayanamma Institute of
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Shaikpet, Hyderabad - 500 104

Page 1 of 11

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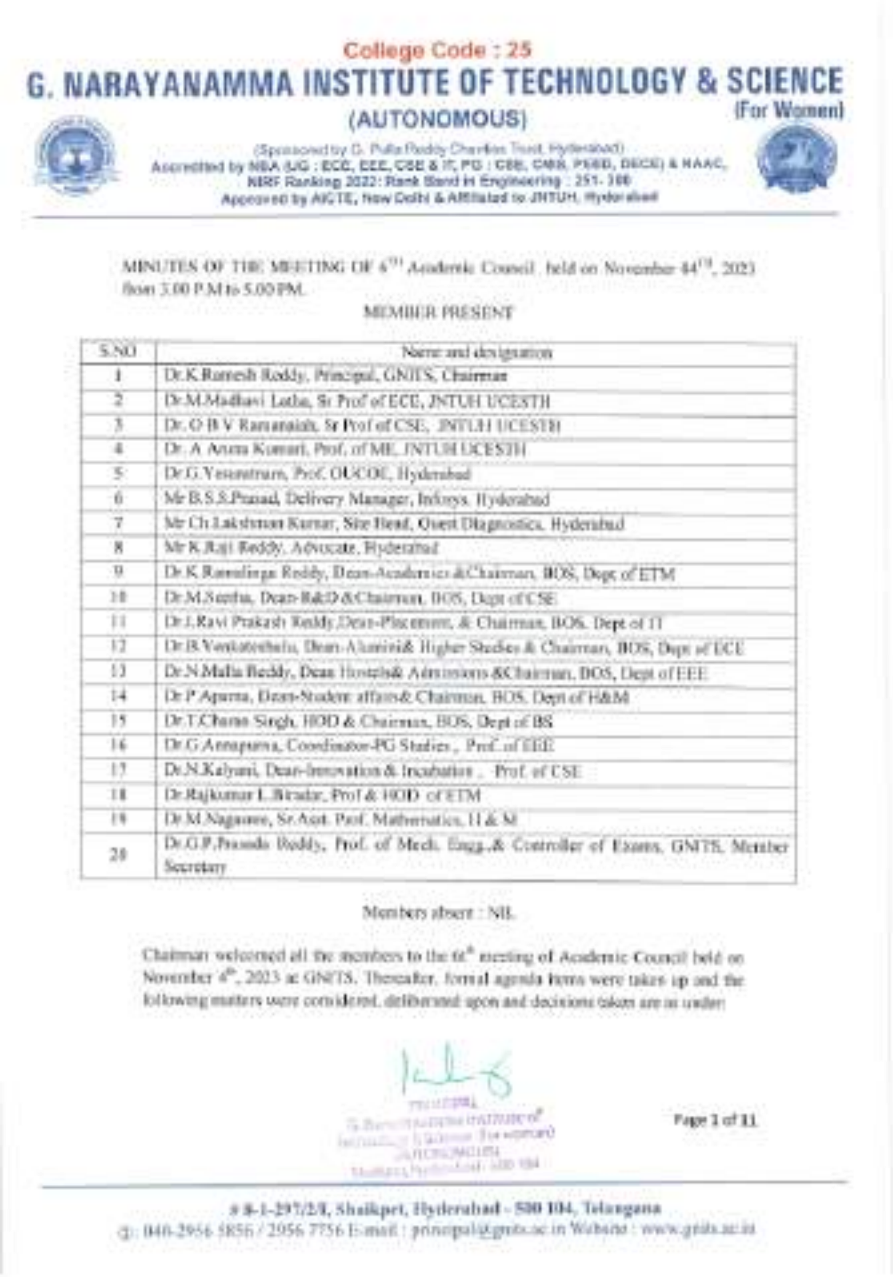

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MINUTES OF THE MEETING OF 6TH Academic Council held on November 04TH, 2023 from 3.00 P.M to 5.00 PM.

MEMBER PRESENT

S.NO	Name and designation
1	Dr.K.Ramesh Reddy, Principal, GNITS, Chairman
2	Dr.M.Madhavi Latha, Sr Prof of ECE, JNTUH UCESTH
3	Dr. O B V Ramanaiah, Sr Prof of CSE, JNTUH UCESTH
4	Dr. A Aruna Kumari, Prof. of ME, JNTUH UCESTH
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18	Dr.Rajkumar L.Biradar, Prof & HOD of ETM
19	Dr.M.Nagamani, Sr.Asst. Prof. Mathematics, H & M
20	Dr.G.P.Prasada Reddy, Prof. of Mech. Engg.,& Controller of Exams, GNITS, Member Secretary

Members absent : NIL

Chairman welcomed all the members to the 6th meeting of Academic Council held on November 4th, 2023 at GNITS. Thereafter, formal agenda items were taken up and the following matters were considered, deliberated upon and decisions taken are as under:

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6.1 Review of last Academic Council meeting minutes.

- Principal presented about the previous academic council minutes.

6.2 Academic calendars of B.Tech and M.Tech Programmes for the Academic year 2023-2024

- Academic Calendars of B.Tech I,II,III and IV year programmes and M.Tech I and II year were presented before the Council for Approval.
- Council approved the academic calendars for the B.Tech(4 Years) and M.Tech(2 Years) programmes for the academic year 2023-2024.

ACADEMIC CALENDAR (2023-2024)

IV B. Tech-I Sem

Commencement of 1st Semester Class Work	10-07-2023
1st Spell of Instructions	10-07-2023 To 02-09-2023 (8 Weeks)
First Mid Term Examinations	04-09-2023 To 09-09-2023 (1 Week)
2nd Spell of Instructions (Including Dussehra Recess)	11-09-2023 To 11-11-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
Second Mid Term Examinations	13-11-2023 To 18-11-2023 (1 Week)
Preparation & Practical Examinations	20-11-2023 To 25-11-2023 (1 Week)
End Semester Examinations	28-11-2023 To 09-12-2023 (2 Weeks)

No of Working days: 90

IV B. Tech-II Sem

Commencement of 2nd Semester Class Work	**18-12-2023**
1st Spell of Instructions	18-12-2023 TO 10-02-2024 (8 Weeks)
First Mid Term Examinations	12-02-2024 TO 17-02-2024 (1 Week)
2nd Spell of Instructions	19-02-2024 TO 20-04-2024 (9 Weeks)
Second Mid Term Examinations	22-04-2024 TO 28-04-2024 (1 Week)
Preparation & Practical Examinations	29-04-2024 TO 04-05-2024 (1 Week)
End Semester Examinations	06-05-2024 TO 18-05-2024 (2 Weeks)

No of Working days: 90

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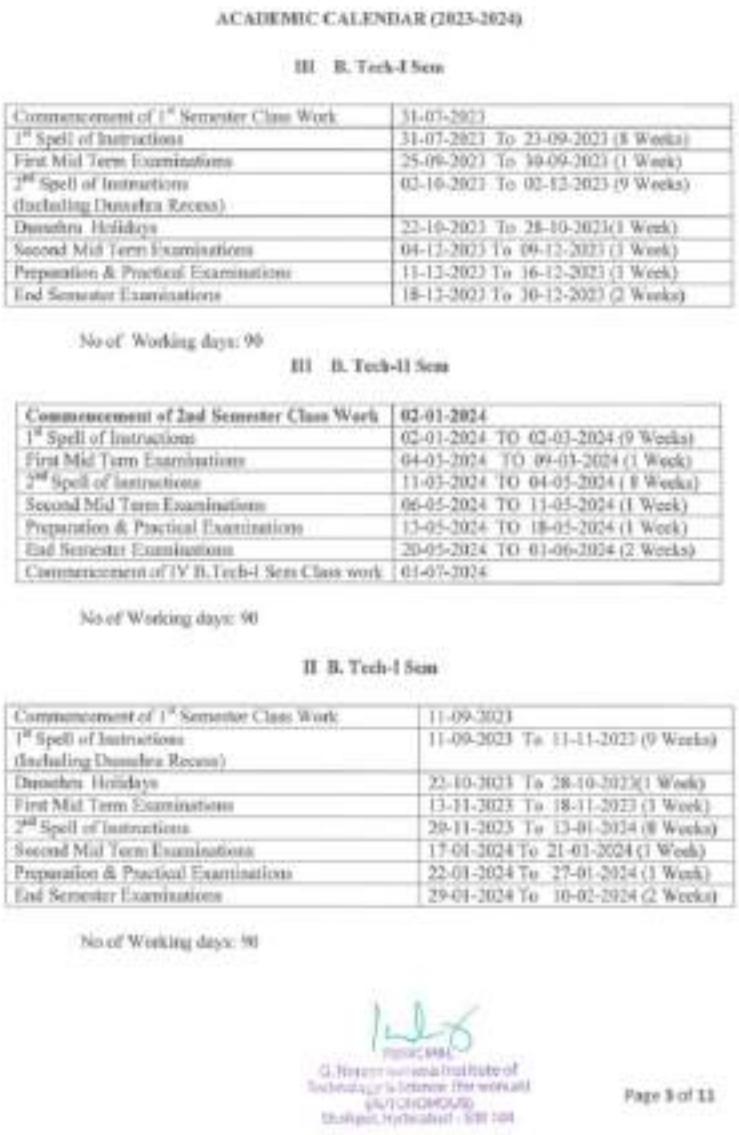

ACADEMIC CALENDAR (2023-2024)

III B. Tech-I Sem

Commencement of 1st Semester Class Work	31-07-2023
1st Spell of Instructions	31-07-2023 To 23-09-2023 (8 Weeks)
First Mid Term Examinations	25-09-2023 To 30-09-2023 (1 Week)
2nd Spell of Instructions (Including Dussehra Recess)	02-10-2023 To 02-12-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
Second Mid Term Examinations	04-12-2023 To 09-12-2023 (1 Week)
Preparation & Practical Examinations	11-12-2023 To 16-12-2023 (1 Week)
End Semester Examinations	18-12-2023 To 30-12-2023 (2 Weeks)

No of Working days: 90

III B. Tech-II Sem

Commencement of 2nd Semester Class Work	**02-01-2024**
1st Spell of Instructions	02-01-2024 TO 02-03-2024 (9 Weeks)
First Mid Term Examinations	04-03-2024 TO 09-03-2024 (1 Week)
2nd Spell of Instructions	11-03-2024 TO 04-05-2024 (8 Weeks)
Second Mid Term Examinations	06-05-2024 TO 11-05-2024 (1 Week)
Preparation & Practical Examinations	13-05-2024 TO 18-05-2024 (1 Week)
End Semester Examinations	20-05-2024 TO 01-06-2024 (2 Weeks)
Commencement of IV B.Tech-I Sem Class work	01-07-2024

No of Working days: 90

II B. Tech-I Sem

Commencement of 1st Semester Class Work	11-09-2023
1st Spell of Instructions (Including Dussehra Recess)	11-09-2023 To 11-11-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
First Mid Term Examinations	13-11-2023 To 18-11-2023 (1 Week)
2nd Spell of Instructions	20-11-2023 To 13-01-2024 (8 Weeks)
Second Mid Term Examinations	17-01-2024 To 21-01-2024 (1 Week)
Preparation & Practical Examinations	22-01-2024 To 27-01-2024 (1 Week)
End Semester Examinations	29-01-2024 To 10-02-2024 (2 Weeks)

No of Working days: 90

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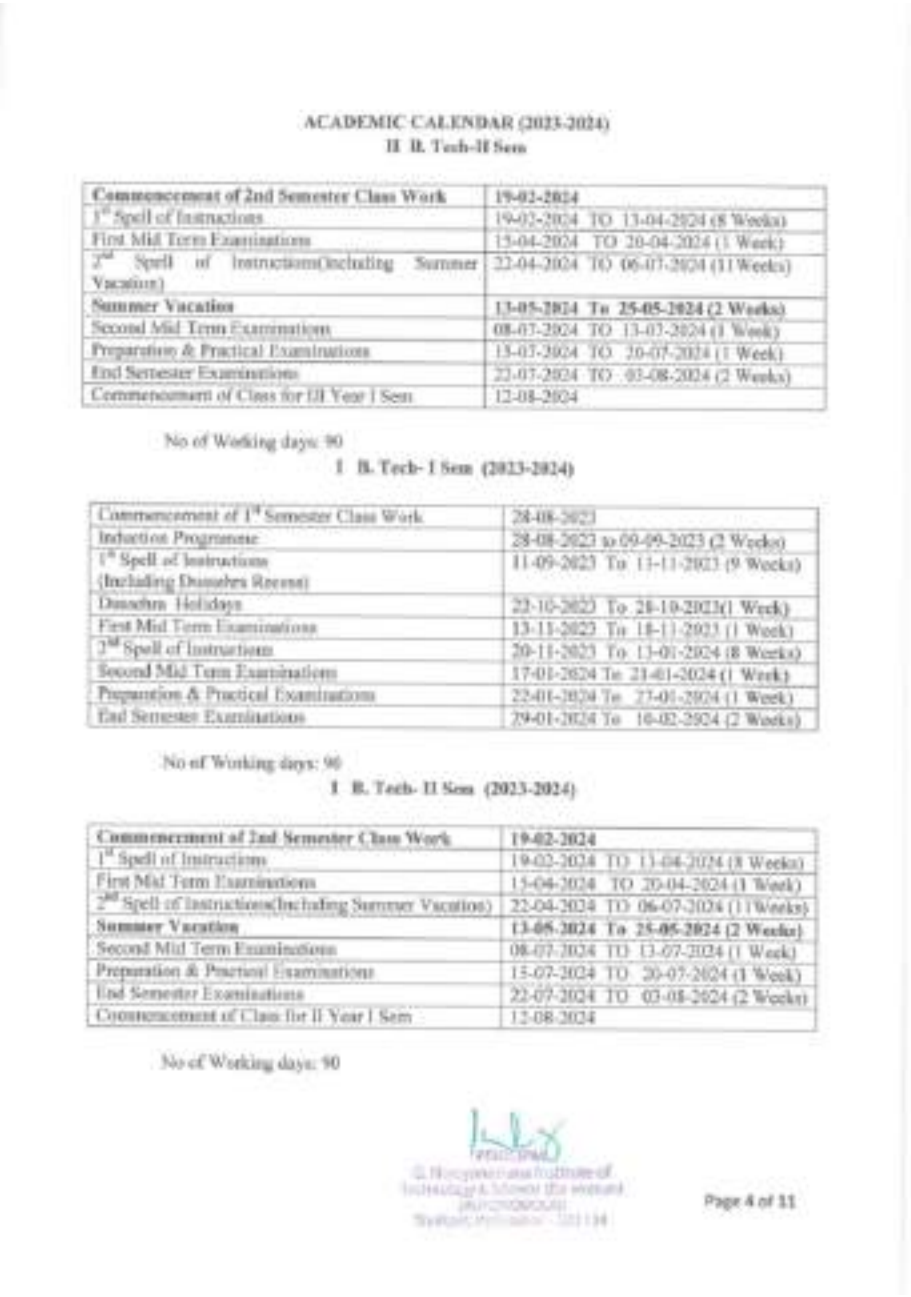

ACADEMIC CALENDAR (2023-2024)
II B. Tech-II Sem

Commencement of 2nd Semester Class Work	**19-02-2024**
1st Spell of Instructions	19-02-2024 TO 13-04-2024 (8 Weeks)
First Mid Term Examinations	15-04-2024 TO 20-04-2024 (1 Week)
2nd Spell of Instructions(Including Summer Vacation)	22-04-2024 TO 06-07-2024 (11 Weeks)
Summer Vacation	**13-05-2024 To 25-05-2024 (2 Weeks)**
Second Mid Term Examinations	08-07-2024 TO 13-07-2024 (1 Week)
Preparation & Practical Examinations	15-07-2024 TO 20-07-2024 (1 Week)
End Semester Examinations	22-07-2024 TO 03-08-2024 (2 Weeks)
Commencement of Class for III Year I Sem	12-08-2024

No of Working days: 90

I B. Tech- I Sem (2023-2024)

Commencement of 1st Semester Class Work	28-08-2023
Induction Programme	28-08-2023 to 09-09-2023 (2 Weeks)
1st Spell of Instructions (Including Dussehra Recess)	11-09-2023 To 11-11-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
First Mid Term Examinations	13-11-2023 To 18-11-2023 (1 Week)
2nd Spell of Instructions	20-11-2023 To 13-01-2024 (8 Weeks)
Second Mid Term Examinations	17-01-2024 To 21-01-2024 (1 Week)
Preparation & Practical Examinations	22-01-2024 To 27-01-2024 (1 Week)
End Semester Examinations	29-01-2024 To 10-02-2024 (2 Weeks)

No of Working days: 90

I B. Tech- II Sem (2023-2024)

Commencement of 2nd Semester Class Work	**19-02-2024**
1st Spell of Instructions	19-02-2024 TO 13-04-2024 (8 Weeks)
First Mid Term Examinations	15-04-2024 TO 20-04-2024 (1 Week)
2nd Spell of Instructions(Including Summer Vacation)	22-04-2024 TO 06-07-2024 (11Weeks)
Summer Vacation	**13-05-2024 To 25-05-2024 (2 Weeks)**
Second Mid Term Examinations	08-07-2024 TO 13-07-2024 (1 Week)
Preparation & Practical Examinations	15-07-2024 TO 20-07-2024 (1 Week)
End Semester Examinations	22-07-2024 TO 03-08-2024 (2 Weeks)
Commencement of Class for II Year I Sem	12-08-2024

No of Working days: 90

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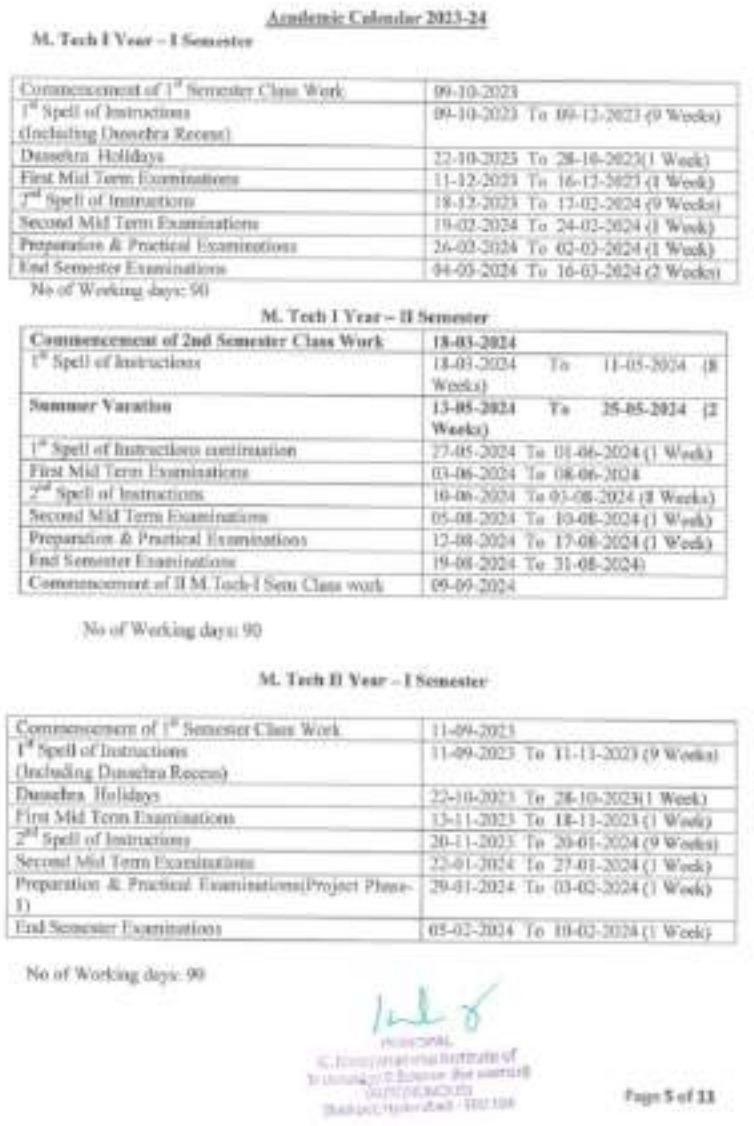

Academic Calendar 2023-24

M. Tech I Year – I Semester

Commencement of 1st Semester Class Work	09-10-2023
1st Spell of Instructions (Including Dussehra Recess)	09-10-2023 To 09-12-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
First Mid Term Examinations	11-12-2023 To 16-12-2023 (1 Week)
2nd Spell of Instructions	18-12-2023 To 17-02-2024 (9 Weeks)
Second Mid Term Examinations	19-02-2024 To 24-02-2024 (1 Week)
Preparation & Practical Examinations	26-02-2024 To 02-03-2024 (1 Week)
End Semester Examinations	04-03-2024 To 16-03-2024 (2 Weeks)

No of Working days: 90

M. Tech I Year – II Semester

Commencement of 2nd Semester Class Work	**18-03-2024**
1st Spell of Instructions	18-03-2024 To 11-05-2024 (8 Weeks)
Summer Vacation	**13-05-2024 To 25-05-2024 (2 Weeks)**
1st Spell of Instructions continuation	27-05-2024 To 01-06-2024 (1 Week)
First Mid Term Examinations	03-06-2024 To 08-06-2024
2nd Spell of Instructions	10-06-2024 To 03-08-2024 (8 Weeks)
Second Mid Term Examinations	05-08-2024 To 10-08-2024 (1 Week)
Preparation & Practical Examinations	12-08-2024 To 17-08-2024 (1 Week)
End Semester Examinations	19-08-2024 To 31-08-2024)
Commencement of II M.Tech-I Sem Class work	09-09-2024

No of Working days: 90

M. Tech II Year – I Semester

Commencement of 1st Semester Class Work	11-09-2023
1st Spell of Instructions (Including Dussehra Recess)	11-09-2023 To 11-11-2023 (9 Weeks)
Dussehra Holidays	22-10-2023 To 28-10-2023(1 Week)
First Mid Term Examinations	13-11-2023 To 18-11-2023 (1 Week)
2nd Spell of Instructions	20-11-2023 To 20-01-2024 (9 Weeks)
Second Mid Term Examinations	22-01-2024 To 27-01-2024 (1 Week)
Preparation & Practical Examinations(Project Phase-I)	29-01-2024 To 03-02-2024 (1 Week)
End Semester Examinations	05-02-2024 To 10-02-2024 (1 Week)

No of Working days: 90

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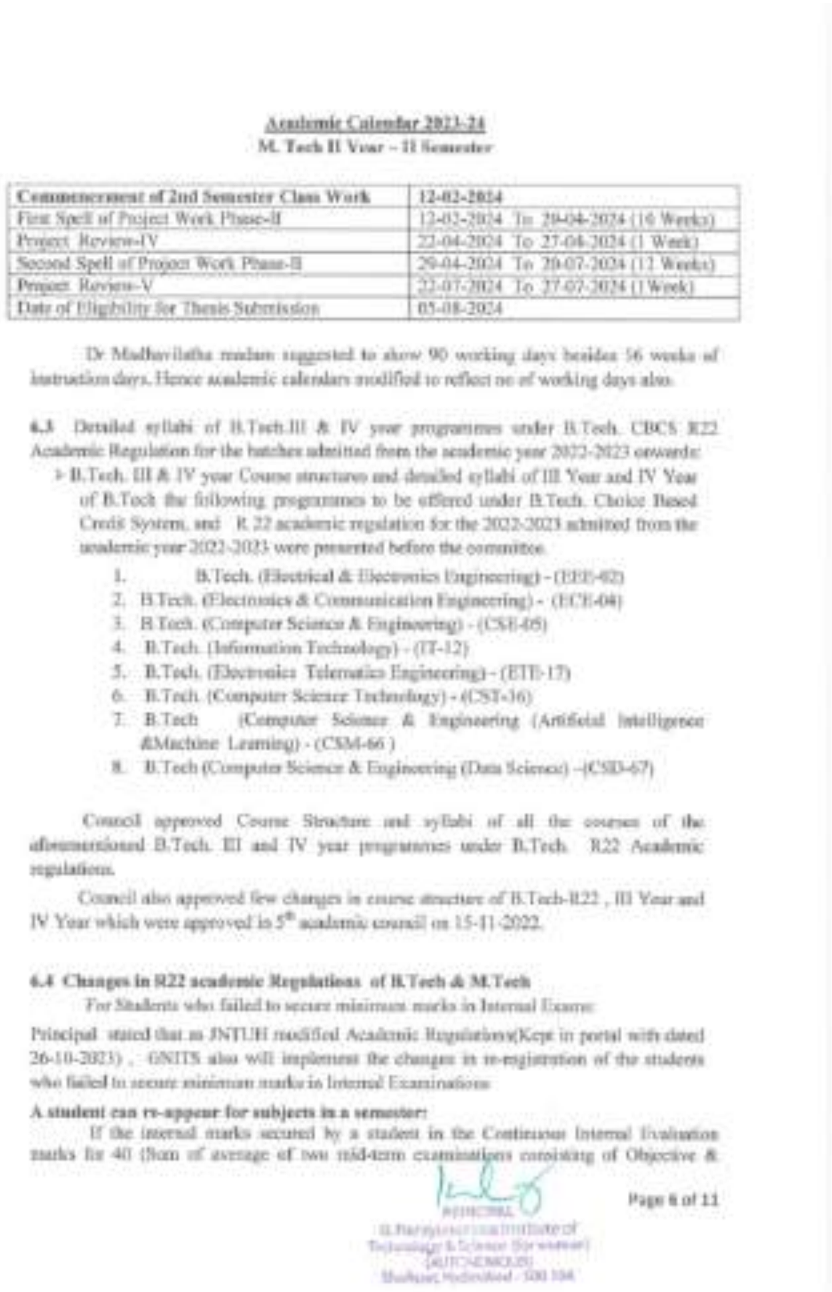

Academic Calendar 2023-24

M. Tech II Year – II Semester

Commencement of 2nd Semester Class Work	**12-02-2024**
First Spell of Project Work Phase-II	12-02-2024 To 20-04-2024 (10 Weeks)
Project Review-IV	22-04-2024 To 27-04-2024 (1 Week)
Second Spell of Project Work Phase-II	29-04-2024 To 20-07-2024 (12 Weeks)
Project Review-V	22-07-2024 To 27-07-2024 (1 Week)
Date of Eligibility for Thesis Submission	05-08-2024

Dr Madhavilatha madam suggested to show 90 working days besides 16 weeks of instruction days. Hence academic calendars modified to reflect no of working days also.

6.3 Detailed syllabi of B.Tech.III & IV year programmes under B.Tech. CBCS R22 Academic Regulation for the batches admitted from the academic year 2022-2023 onwards:

- B.Tech. III & IV year Course structures and detailed syllabi of III Year and IV Year of B.Tech the following programmes to be offered under B.Tech. Choice Based Credit System, and R 22 academic regulation for the 2022-2023 admitted from the academic year 2022-2023 were presented before the committee.

1. B.Tech. (Electrical & Electronics Engineering) - (EEE-02)
2. B.Tech. (Electronics & Communication Engineering) - (ECE-04)
3. B.Tech. (Computer Science & Engineering) - (CSE-05)
4. B.Tech. (Information Technology) - (IT-12)
5. B.Tech. (Electronics Telematics Engineering) - (ETE-17)
6. B.Tech. (Computer Science Technology) - (CST-36)
7. B.Tech (Computer Science & Engineering (Artificial Intelligence &Machine Learning) - (CSM-66)
8. B.Tech (Computer Science & Engineering (Data Science) –(CSD-67)

Council approved Course Structure and syllabi of all the courses of the aforementioned B.Tech. III and IV year programmes under B.Tech. R22 Academic regulations.

Council also approved few changes in course structure of B.Tech-R22 , III Year and IV Year which were approved in 5th academic council on 15-11-2022.

6.4 Changes in R22 academic Regulations of B.Tech & M.Tech

For Students who failed to secure minimum marks in Internal Exams:

Principal stated that as JNTUH modified Academic Regulations(Kept in portal with dated 26-10-2023) , GNITS also will implement the changes in re-registration of the students who failed to secure minimum marks in Internal Examinations

A student can re-appear for subjects in a semester:

If the internal marks secured by a student in the Continuous Internal Evaluation marks for 40 (Sum of average of two mid-term examinations consisting of Objective &

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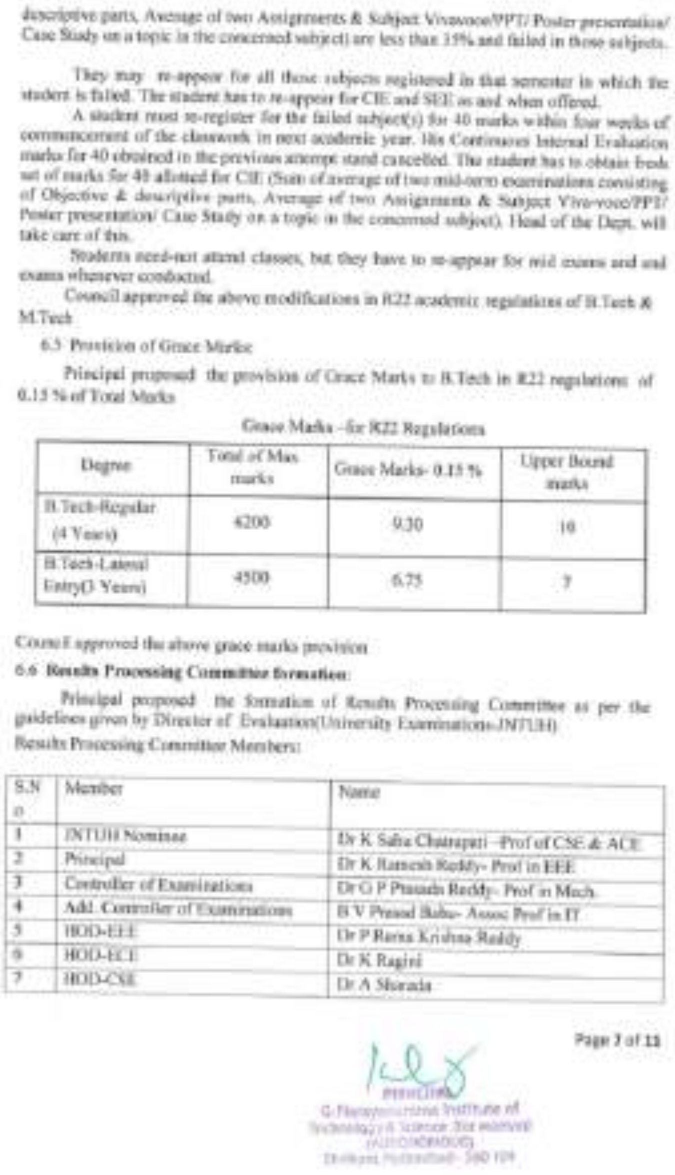

descriptive parts, Average of two Assignments & Subject Vivavoce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject) are less than 35% and failed in those subjects.

They may re-appear for all those subjects registered in that semester in which the student is failed. The student has to re-appear for CIE and SEE as and when offered.

A student must re-register for the failed subject(s) for 40 marks within four weeks of commencement of the classwork in next academic year. His Continuous Internal Evaluation marks for 40 obtained in the previous attempt stand cancelled. The student has to obtain fresh set of marks for 40 allotted for CIE (Sum of average of two mid-term examinations consisting of Objective & descriptive parts, Average of two Assignments & Subject Viva-voce/PPT/ Poster presentation/ Case Study on a topic in the concerned subject). Head of the Dept. will take care of this.

Students need-not attend classes, but they have to re-appear for mid exams and end exams whenever conducted.

Council approved the above modifications in R22 academic regulations of B.Tech & M.Tech

6.5 Provision of Grace Marks

Principal proposed the provision of Grace Marks to B.Tech in R22 regulations of 0.15 % of Total Marks

Grace Marks –for R22 Regulations

Degree	Total of Max marks	Grace Marks- 0.15 %	Upper Bound marks
B.Tech-Regular (4 Years)	6200	9.30	10
B.Tech-Lateral Entry(3 Years)	4500	6.75	7

Council approved the above grace marks provision

6.6 **Results Processing Committee formation**:

Principal proposed the formation of Results Processing Committee as per the guidelines given by Director of Evaluation(University Examinations-JNTUH)

Results Processing Committee Members:

S.No	Member	Name
1	JNTUH Nominee	Dr K Sahu Chatrapati –Prof of CSE & ACE
2	Principal	Dr K Ramesh Reddy- Prof in EEE
3	Controller of Examinations	Dr G P Prasada Reddy- Prof in Mech.
4	Add. Controller of Examinations	B V Prasad Babu- Assoc Prof in IT
5	HOD-EEE	Dr P Rama Krishna Reddy
6	HOD-ECE	Dr K Ragini
7	HOD-CSE	Dr A Sharada

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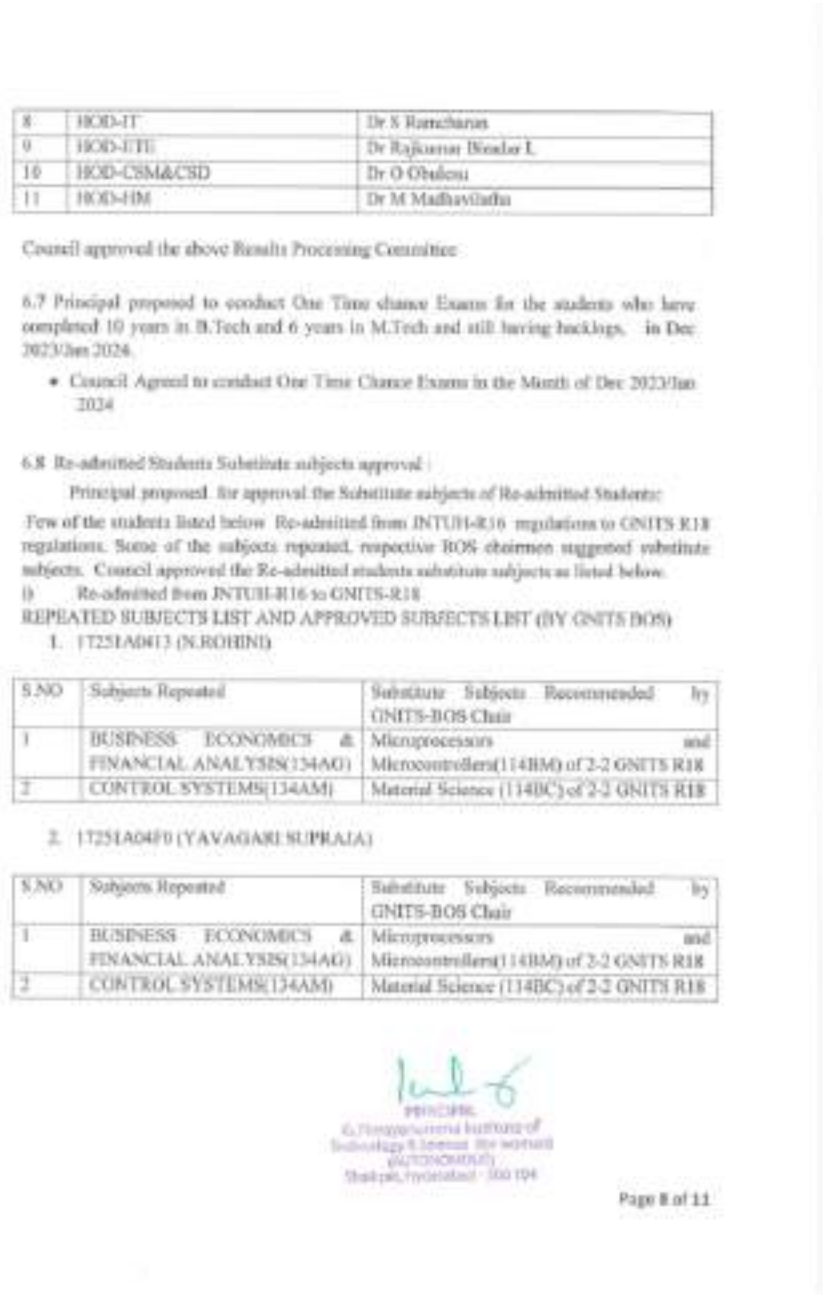

8	HOD-IT	Dr S Ramcharan
9	HOD-ETE	Dr Rajkumar Bindar L
10	HOD-CSM&CSD	Dr O Obulesu
11	HOD-HM	Dr M Madhavilatha

Council approved the above Results Processing Committee

6.7 Principal proposed to conduct One Time chance Exams for the students who have completed 10 years in B.Tech and 6 years in M.Tech and still having backlogs. in Dec 2023/Jan 2024.

- Council Agreed to conduct One Time Chance Exams in the Month of Dec 2023/Jan 2024

6.8 Re-admitted Students Substitute subjects approval :

Principal proposed for approval the Substitute subjects of Re-admitted Students:

Few of the students listed below Re-admitted from JNTUH-R16 regulations to GNITS R18 regulations. Some of the subjects repeated, respective BOS chairmen suggested substitute subjects. Council approved the Re-admitted students substitute subjects as listed below.

i) Re-admitted from JNTUH-R16 to GNITS-R18

REPEATED SUBJECTS LIST AND APPROVED SUBFECTS LIST (BY GNITS BOS)

1. 17251A0413 (N.ROHINI)

S.NO	Subjects Repeated	Substitute Subjects Recommended by GNITS-BOS Chair
1	BUSINESS ECONOMICS & FINANCIAL ANALYSIS(134AG)	Microprocessors and Microcontrollers(114BM) of 2-2 GNITS R18
2	CONTROL SYSTEMS(134AM)	Material Science (114BC) of 2-2 GNITS R18

2. 17251A04F0 (YAVAGARI SUPRAJA)

S.NO	Subjects Repeated	Substitute Subjects Recommended by GNITS-BOS Chair
1	BUSINESS ECONOMICS & FINANCIAL ANALYSIS(134AG)	Microprocessors and Microcontrollers(114BM) of 2-2 GNITS R18
2	CONTROL SYSTEMS(134AM)	Material Science (114BC) of 2-2 GNITS R18

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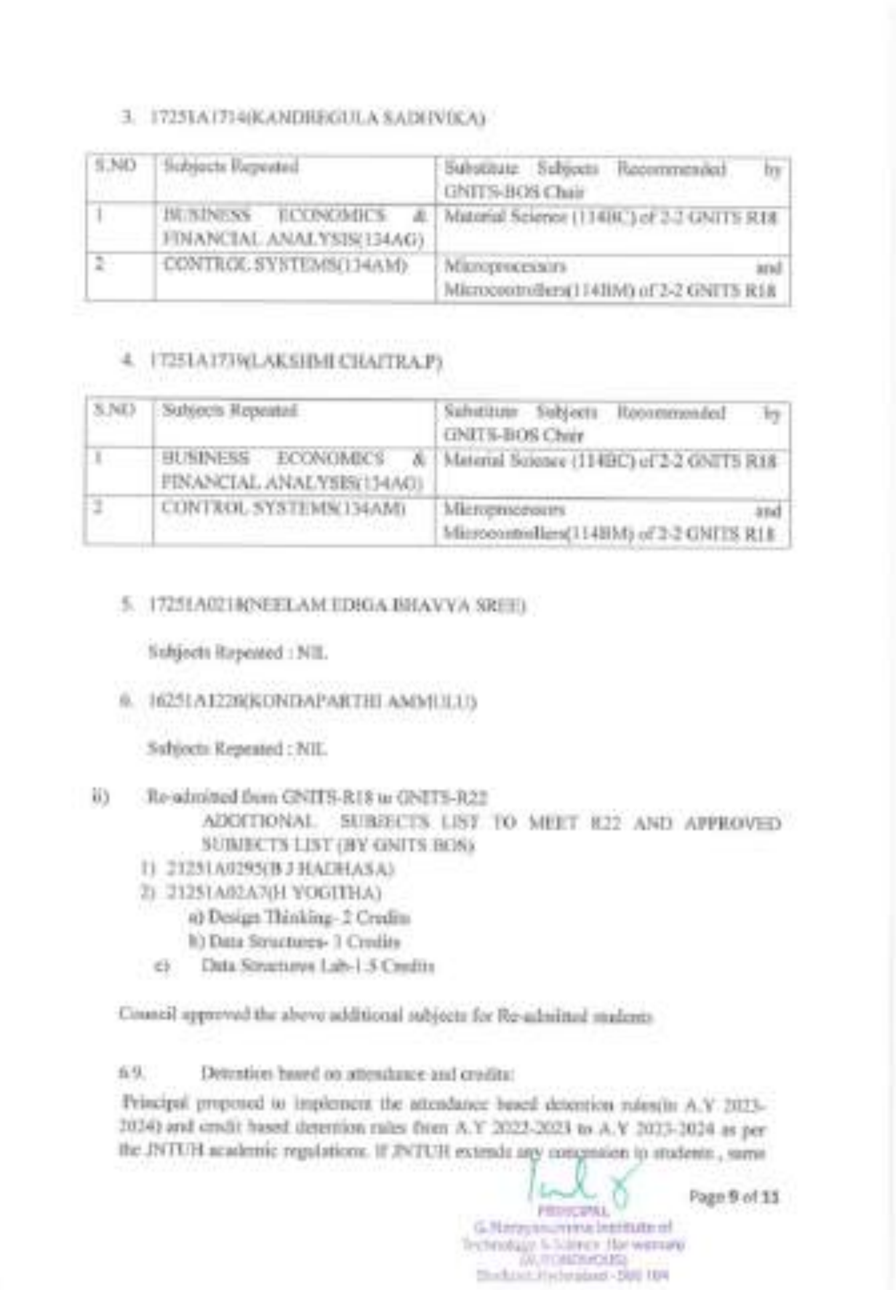

3. 17251A1714(KANDREGULA SADHVIKA)

S.NO	Subjects Repeated	Substitute Subjects Recommended by GNITS-BOS Chair
1	BUSINESS ECONOMICS & FINANCIAL ANALYSIS(134AG)	Material Science (114BC) of 2-2 GNITS R18
2	CONTROL SYSTEMS(134AM)	Microprocessors and Microcontrollers(114BM) of 2-2 GNITS R18

4. 17251A1739(LAKSHMI CHAITRA.P)

S.NO	Subjects Repeated	Substitute Subjects Recommended by GNITS-BOS Chair
1	BUSINESS ECONOMICS & FINANCIAL ANALYSIS(134AG)	Material Science (114BC) of 2-2 GNITS R18
2	CONTROL SYSTEMS(134AM)	Microprocessors and Microcontrollers(114BM) of 2-2 GNITS R18

5. 17251A0218(NEELAM EDIGA BHAVYA SREE)

Subjects Repeated : NIL

6. 16251A1228(KONDAPARTHI AMMULU)

Subjects Repeated : NIL

ii) Re-admitted from GNITS-R18 to GNITS-R22

ADDITIONAL SUBJECTS LIST TO MEET R22 AND APPROVED SUBJECTS LIST (BY GNITS BOS)

1) 21251A0295(B J HADHASA)
2) 21251A02A7(H YOGITHA)
   - a) Design Thinking- 2 Credits
   - b) Data Structures- 3 Credits
   - c) Data Structures Lab-1.5 Credits

Council approved the above additional subjects for Re-admitted students

6.9. Detention based on attendance and credits:

Principal proposed to implement the attendance based detention rules(in A.Y 2023-2024) and credit based detention rules from A.Y 2022-2023 to A.Y 2023-2024 as per the JNTUH academic regulations. If JNTUH extends any concession to students , same

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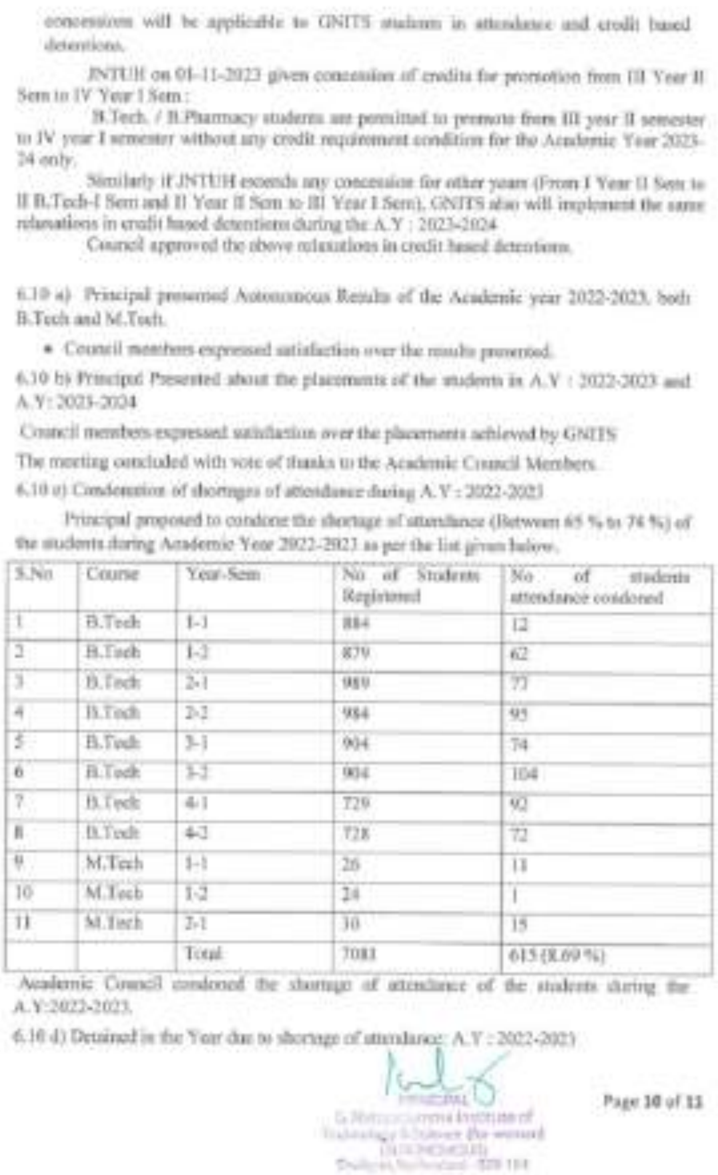

concessions will be applicable to GNITS students in attendance and credit based detentions.

JNTUH on 01-11-2023 given concession of credits for promotion from III Year II Sem to IV Year I Sem :

B.Tech. / B.Pharmacy students are permitted to promote from III year II semester to IV year I semester without any credit requirement condition for the Academic Year 2023-24 only.

Similarly if JNTUH extends any concession for other years (From I Year II Sem to II B.Tech-I Sem and II Year II Sem to III Year I Sem), GNITS also will implement the same relaxations in credit based detentions during the A.Y : 2023-2024

Council approved the above relaxations in credit based detentions.

6.10 a) Principal presented Autonomous Results of the Academic year 2022-2023, both B.Tech and M.Tech.

- Council members expressed satisfaction over the results presented.

6.10 b) Principal Presented about the placements of the students in A.Y : 2022-2023 and A.Y: 2023-2024

Council members expressed satisfaction over the placements achieved by GNITS

The meeting concluded with vote of thanks to the Academic Council Members.

6.10 c) Condonation of shortages of attendance during A.Y : 2022-2023

Principal proposed to condone the shortage of attendance (Between 65 % to 74 %) of the students during Academic Year 2022-2023 as per the list given below.

S.No	Course	Year-Sem	No of Students Registered	No of students attendance condoned
1	B.Tech	1-1	884	12
2	B.Tech	1-2	879	62
3	B.Tech	2-1	989	77
4	B.Tech	2-2	984	95
5	B.Tech	3-1	904	74
6	B.Tech	3-2	904	104
7	B.Tech	4-1	729	92
8	B.Tech	4-2	728	72
9	M.Tech	1-1	26	11
10	M.Tech	1-2	24	1
11	M.Tech	2-1	30	15
		Total	7081	615 (8.69 %)

Academic Council condoned the shortage of attendance of the students during the A.Y:2022-2023.

6.10 d) Detained in the Year due to shortage of attendance: A.Y : 2022-2023

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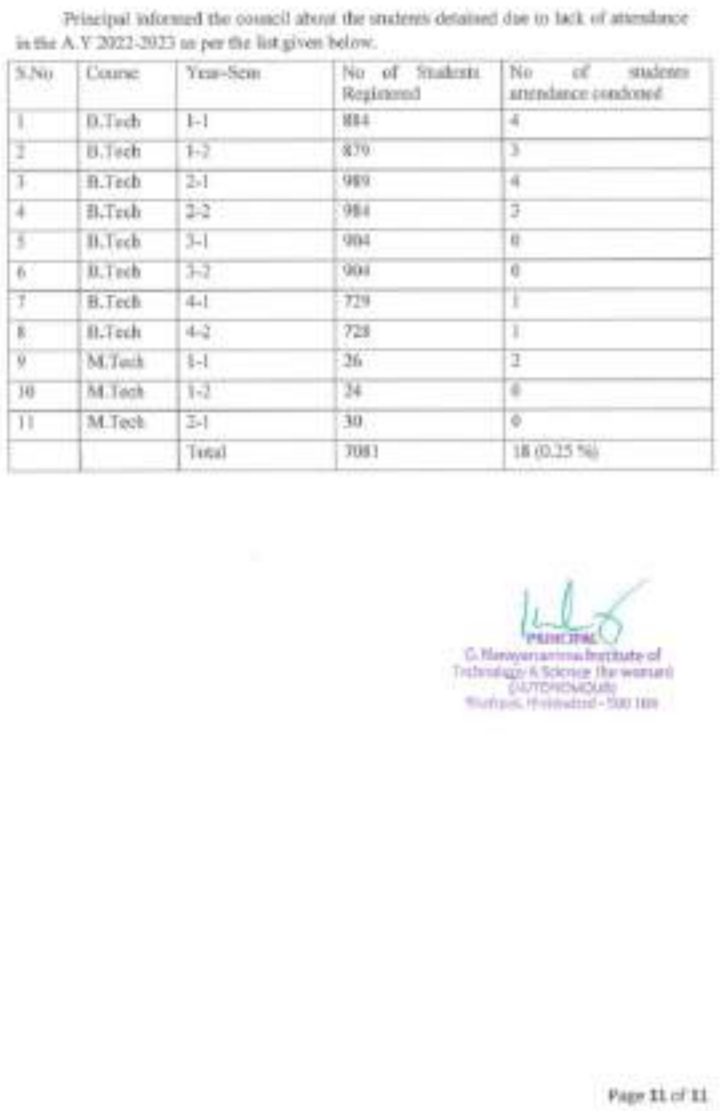

Principal informed the council about the students detained due to lack of attendance in the A.Y 2022-2023 as per the list given below.

S.No	Course	Year-Sem	No of Students Registered	No of students attendance condoned
1	B.Tech	1-1	884	4
2	B.Tech	1-2	879	3
3	B.Tech	2-1	989	4
4	B.Tech	2-2	984	3
5	B.Tech	3-1	904	0
6	B.Tech	3-2	904	0
7	B.Tech	4-1	729	1
8	B.Tech	4-2	728	1
9	M.Tech	1-1	26	2
10	M.Tech	1-2	24	0
11	M.Tech	2-1	30	0
		Total	7081	18 (0.25 %)

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10.1.4 Decentralization in working and grievance redressal mechanism (5)

Institute Marks : 5.00

10.1.4 Decentralization in working and grievance redressal system (5)

A.Organizational Structure, List of Administrative Committees and Administrative Heads who have been delegated powers for taking administrative decisions (1)

Fig:10.1.4: Organization Structure

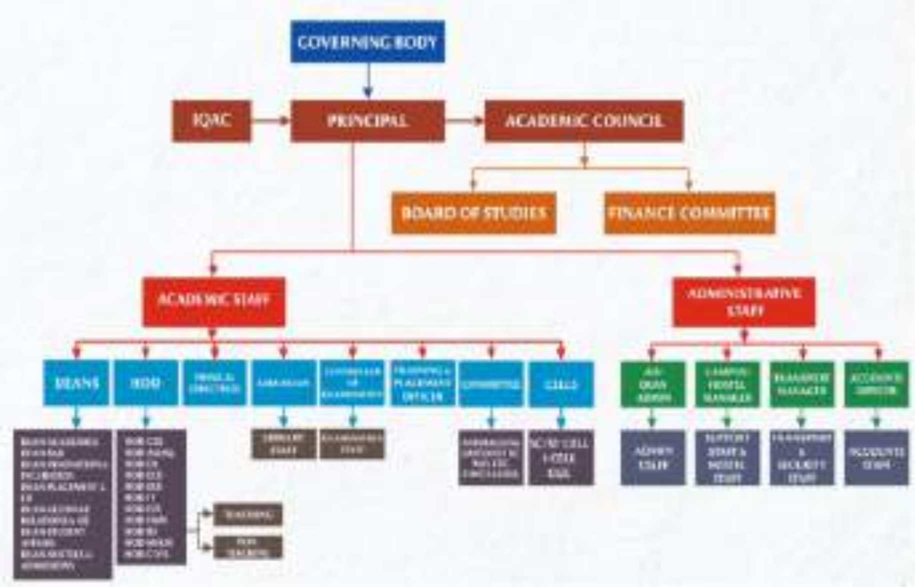

GOVERNING BODY
IQAC
PRINCIPAL
ACADEMIC COUNCIL
BOARD OF STUDIES
FINANCE COMMITTEE
ACADEMIC STAFF
ADMINISTRATIVE STAFF
DEANS
HOD
PHYSICAL DIRECTOR
LIBRARIAN
CONTROLLER OF EXAMINATIONS
TRAINING & PLACEMENT OFFICER
COMMITTEE
CELLS
AO/DEAN ADMIN
CAMPUS HOSTEL MANAGER
TRANSPORT MANAGER
ACCOUNTS OFFICER
LIBRARY STAFF
EXAMINATION STAFF
SC/ST CELL
ADMIN STAFF
SUPPORT STAFF & HOSTEL STAFF
TRANSPORT & SECURITY STAFF
ACCOUNTS STAFF
TEACHING
NON TEACHING

Table B.10.1.4.1. List of faculty members who are administrative/decision makers for various assigned jobs.

S.No	Name	Position & Member of Various committee
1	Dr.K.Ramesh Reddy	Principal –Administration
2	Dr.K.Ramalinga Reddy	Dean Academics Governing Body Member BoS Chairperson NBA Coordinator College Academic Committee College Academic Council
3	Dr. M.Seetha	Dean-Research & Development BoS Chairperson Governing Body Member College Academic Committee College Academic Council
4	Dr. B.Venkateshulu	Dean – Alumni Relations & Higher Education. BoS Chairperson College Academic Committee College Academic Council
5	Dr N Kalyani	Dean – Innovation & Incubation College Academic Committee College Academic Council
6	Dr.N.Malla Reddy	Dean – Hostels & Admissions BoS Chairperson College Academic Committee College Academic Council

7	Dr.I.Ravi Prakash Reddy	Dean – Placements & Corporate Relations Head of Department – Information Technology BoS Chairperson College Academic Committee College Academic Council
8	Dr.P.Aparna	Dean- Student Affairs BoS Chairperson College Academic Committee College Academic Council
9	Dr Jayashree S Patil	IQAC Co-ordinator
10	Dr. Raj Kumar L Biradar	Head of Department – Electronics & Telematics Eng. College Academic Committee College Academic Council
11	Dr. Sharada Adepu	Head of Department – Computer Science & Engineering College Academic Committee
12	Dr.S.Ramacharan	Head of Department – Information Technology College Academic Committee
13	Dr.P. RamaKrishna Reddy	Head of Department – Electrical & Electronics Eng. College Academic Committee
14	Dr.K.Ragini	Head of Department – Electronics & Communication Eng. College Academic Committee
15	Mr. M.V.Ramana Reddy	Head of Department – Mechanical Engineering BoS Chairperson College Academic Committee Purchase Committee
16	Dr. T.Charan Singh	Head of Department – Basic Sciences BoS Chairperson College Academic Committee College Academic Council
17	Dr.M.Madhavilata	Head of Department – Humanities & Management College Academic Committee
18	Dr.G.P.Prasad Reddy	Controller of Examinations College Academic Committee College Academic Council
19	Mr. T.V.Ram Mohan Reddy	Head of Department – Civil Engineering College Academic Committee
20	Dr.G.Annapurna	College Academic Council PG Coordinator
21	Ms.K.Bharata Lakshmi Devi	Librarian – Central Library Hostel Committee
22	Dr.M.V.L.SuryaKumari	Director – Physical Education
23	Mr Avadhani	Dean -Administrative Officer
24	Mr.P.Venkata Rami Reddy	Accounts Officer
25	Mr.G.N.B.Reddy	Training & Placement Officer
26	Dr P. Sree Sudha	InCharge, Alumni Association
27	Prof. Ch. Ganapathy Reddy	Nodal Officer –Antiragging Committee
28	Mr B.V.Prasad Babu	Addl. Controller of Examinations
29	Dr. K. Syamala Devi	Addl. Controller of Examinations
30	Dr.M.Aparna	Addl. Controller of Examinations
31	Dr.NVSL Narasimham	NSS Coordinator
32	Dr. Alakanandana	Grievance Cell

B .Specify the mechanism and composition of grievance redressal cell (1) mechanism of grievance redressal cell

In compliance with AICTE regulations for addressing student grievances in a Technical Institution, GNITS has established a "Students’ Grievance Redressal Committee". The Committee aims to redress the grievances lodged by the students with the highest standard of integrity, fairness, and confidentiality. The Committee comprises of staff members in different positions to investigate the nature and extent of grievances. The Committee conducts meetings based on the grievances received, with a minimum of 6 committee members including student representatives, and suggests appropriate actions for redressal. In cases where individuals are unwilling to appear in person, grievances may be submitted in writing in the Suggestion/ Complaint boxes installed in every block. Additionally, grievances may be submitted online. The Committee conducts inquiries and analyses the nature and pattern of grievances in order to propose a satisfactory solution.

Objectives of the Students Grievance Redressal Committee:

- To foster a responsive and accountable attitude among all stakeholders.
- To maintain a harmonious educational atmosphere in the institute.
- To support students who have been deprived of services offered by the College, to which they are entitled.

- To ensure effective resolution of students grievances with an impartial and fair approach.
- To uphold the dignity of the College by promoting a strife-free atmosphere through fostering cordial relationships among students and staff.
- Installation of suggestion/complaint boxes in all department blocks where students can anonymously submit grievances and suggestions for improving academics/administration.
- Advising students to respect each others rights and dignity, and to exhibit restraint and patience in times of conflict.
- Advising all staff to show affection towards students and refrain from vindictive behaviour for any reason.

Roles and Responsibilities:

- Processing all individual complaints and taking suitable action as per college norms.
- Forming/reviewing guidelines/policies for grievance redressal as required, in accordance with AICTE regulations.
- Conducting meetings as necessary to discuss relevant issues, in consultation with the Principal.
- Creating organization-wide awareness among stakeholders through awareness programs and displaying grievance registration mechanisms on the website and posters in prominent campus locations.

Mechanism for lodging complaints:

- Students may submit grievances in writing or via email to the respective department committee coordinators.
- Grievances may also be registered online at https://gnits.almagrievance.com
- The Students Grievance Redressal Committee will act upon cases forwarded with necessary documents and ensure proper resolution within a stipulated time frame.
- If students are not satisfied with the redressal, they may approach the Ombudsman at JNTUH directly, who will ensure speedy disposal of grievances within one month of receipt.

Exceptions:

- The Students’ Grievance Redressal Committee shall not entertain grievances regarding:

- Decisions of the Executive Council, Academic Council, Board of Studies, and other administrative or academic committees constituted by the University.
- Decisions related to scholarships, fee concessions, medals, etc.
- Decisions made by the University regarding disciplinary matters and misconduct.
- University decisions on admissions to courses offered by the Institute.
- Decisions by competent authorities on assessment and examination results.

Table 10.1.4.2 Composition of Students Grievance Redressal Committee Constitution:

S.No	Name	Designation	Dept	Role
1	Dr.K.Ramesh Reddy	Principal	GNITS	Chairman
2	Dr.A.Alakanandana	Assoc.Prof	BS	coordinator
3	Dr.M.Nagasree	Asst.Prof	HM	Member
4	Mrs.Bhageshwari Ratkal	Asst.Prof	CSE	Member
5	Mrs.B.Narmada	Asst.Prof	EEE	Member
6	Dr.A.Naveena	Asst.Prof	ETE	Member
7	Mrs.K.Sridevi	Asst.Prof	IT	Member
8	Mrs.T.Srilatha	Asst.Prof	ECE	Member

9	G.Tanmayi	Student	CSE	Member
10	Yalala Vaishnavi	Student	ECE	Member
11	Namrata	Student	EEE	Member
12	D.Haritha	Student	ETE	Member
13	Naga Shriya Saroj.A	Student	IT	Member

Faculty/Staff Grievance Redressal Committee

All India Council for Technical Education (AICTE) has notified All India Council for Technical Education Regulations, 2021 vide F. No. 1-103/AICTE/PGRC/Regulation/2021 dated 22nd March, 2021 for establishment of faculty/staff members of grievance redressal mechanism for all AICTE approved Technical Institutions.

As per the above regulation Grievance Redressel Committee (GRC) is formed in the college to address the grievances of the Faculty/Staff Member. The objective of the Grievance Redressal Cell is:

To establish a mechanism that offers opportunities for addressing specific grievances of both currently appointed Faculty/Staff Members in any institution and individuals aspiring to join such institutions.

Table 10.1.4.3 Faculty/Staff Grievance Redressal Committee Constitution:

S.No	Name	Designation	Dept
1	Dr.K.Ramesh Reddy,	Principal	GNITS
2	Dr.A.Alakanandana,	Assoc.Prof	BS
3	Dr.M.Nagasree	Asst.Prof	HM
4	Mrs.Bhageshwari Ratkal,	Asst.Prof	CSE
5	Mrs.B.Narmada,	Asst Prof	EEE
6	Dr.A.Naveena,	Asst.Prof	ETE
7	Mrs.K.Sridevi,	Asst.Prof	IT
8	Mrs.T.Srilatha,	Asst.Prof	ECE

Objectives of Faculty/Staff Grievance Redressal Committee:

- To formulate the policy to investigate and review grievances of staff
- To investigate the causes of the grievances.
- To ensure effectual solution depending upon the gravity of the grievance.
- To take necessary action and implement them by the committee

The aggrieved can approach GRC in following ways:

- Personally approach and give their grievances to the Coordinator or any member of the committee.
- Send a mail to https://gnits.almagrievance.com
- Approach Head of the Institution wherein they will be subsequently guided to the GRC committee.
- Use Suggestion boxes installed in various places in the college.
- The details will be kept CONFIDENTIAL.

"Grievance" encompasses complaints lodged by Faculty/Staff Members who feel aggrieved regarding the following service-related matters:

i. Withholding or refusal to return any documents such as certificates, degrees, diplomas, experience certificates, relieving orders, or any other awards or documents submitted for the purpose of seeking employment in such institutions.

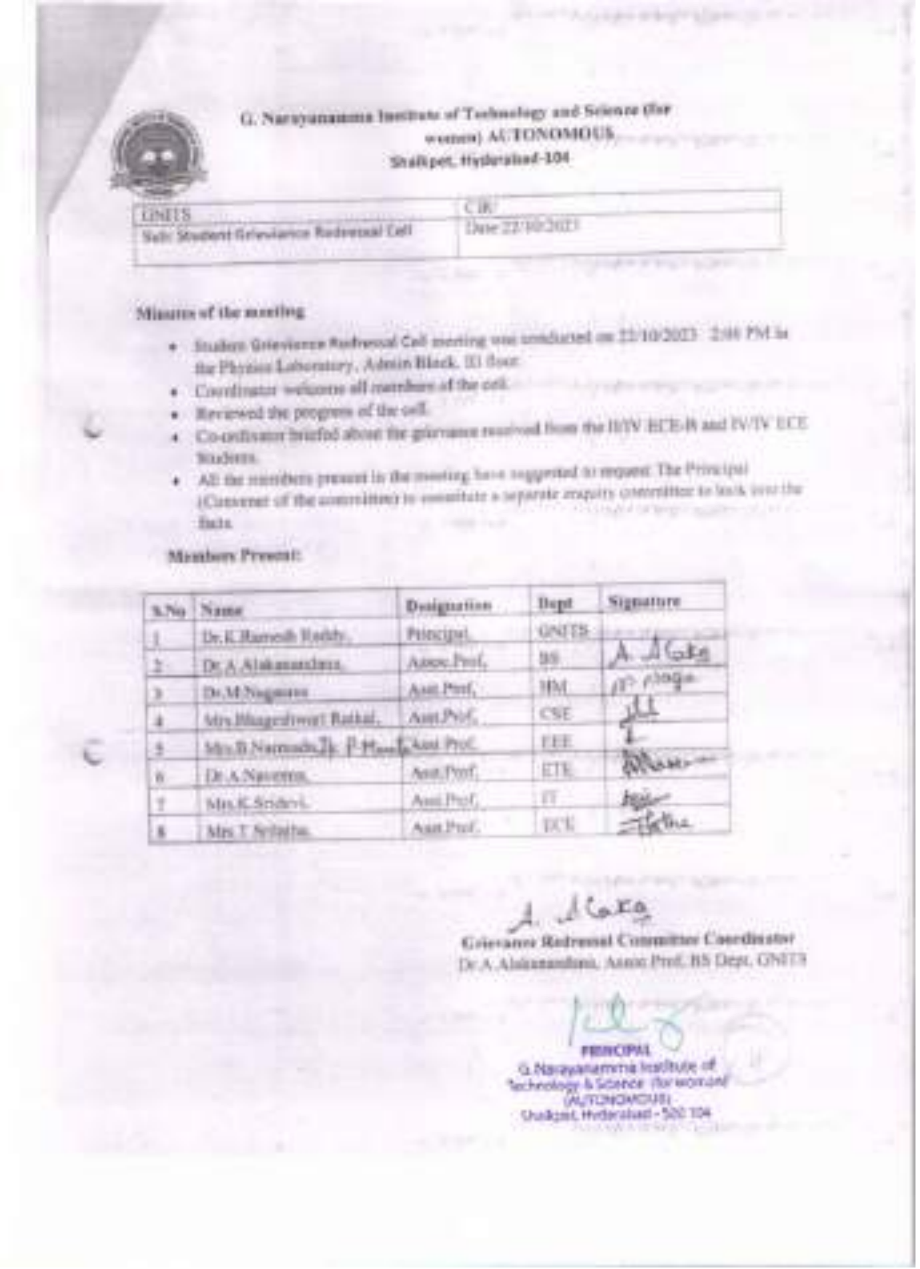
ii. Non-payment of salaries, wages, benefits, allowances, or other outstanding dues during their tenure or upon retirement/resignation, as applicable.

iii. Disparities in wages, benefits, and other compensation in comparison to other staff members in similar roles, positions, or levels of experience.

iv. Termination without providing a reason, notice, or memorandum.

v. Failure to provide the gratuity amount in accordance with the prevailing government rules upon resignation or retirement.

vi. Any other liability directly linked to their service that results in financial loss, harm, or trauma.



G. Narayanamma Institute of Technology and Science (for women) AUTONOMOUS
Shaikpet, Hyderabad-104

GNITS	CIR/
Sub: Student Grieviance Redressal Cell	Date 22/10/2023

Minutes of the meeting

- Student Grieviance Redressal Cell meeting was conducted on 22/10/2023 2:00 PM in the Physics Laboratory, Admin Block, III floor.
- Coordinator welcome all members of the cell.
- Reviewed the progress of the cell.
- Co-ordinator briefed about the grievance received from the II/IV ECE-B and IV/IV ECE Students.
- All the members present in the meeting have suggested to request The Principal (Convener of the committee) to constitute a separate enquiry committee to look into the facts.

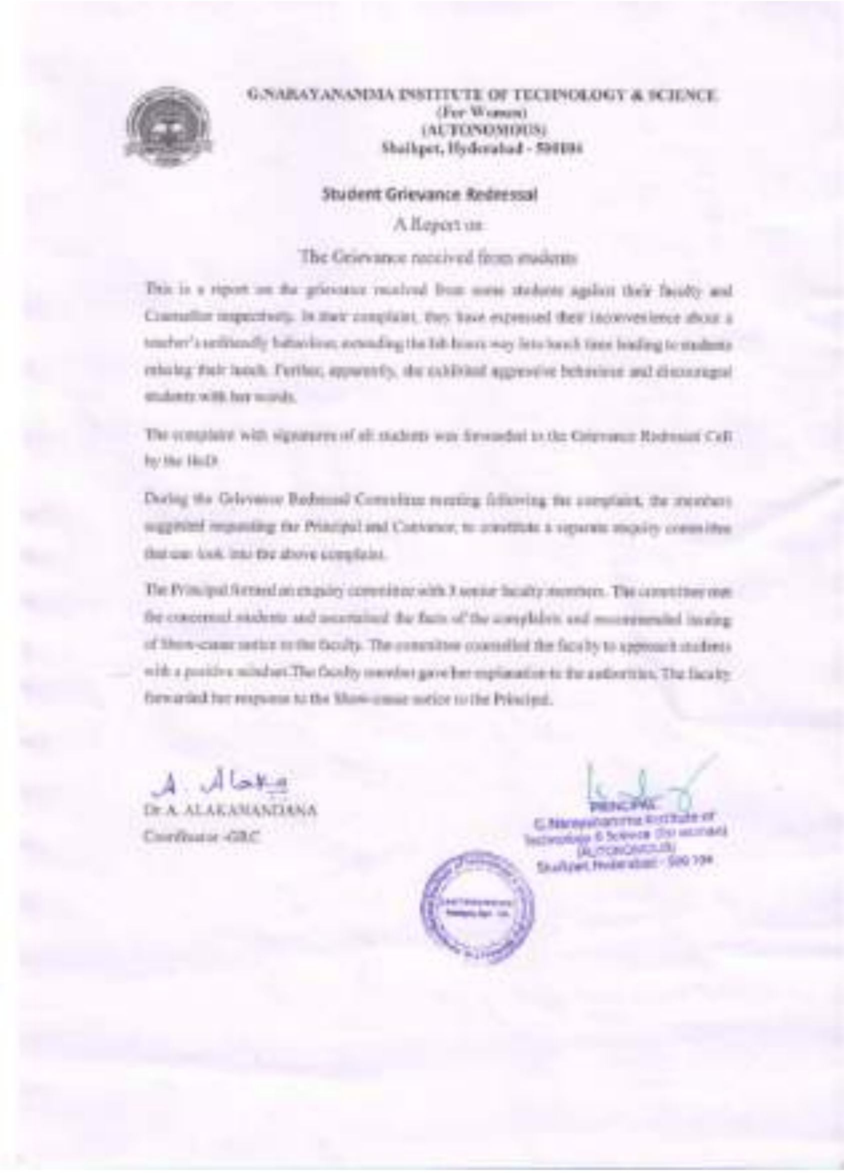
Members Present:

S.No	Name	Designation	Dept	Signature
1	Dr.K.Ramesh Reddy,	Principal,	GNITS	
2	Dr.A.Alakanandana,	Assoc.Prof,	BS	
3	Dr.M.Nagamani	Asst.Prof,	HM	
4	Mrs.Bhageshwari Ratkal,	Asst.Prof,	CSE	
5	Mrs.B.Narmada,	Asst.Prof,	EEE	
6	Dr.A.Naveena,	Asst.Prof,	ETE	
7	Mrs.K.Sridevi,	Asst.Prof,	IT	
8	Mrs.T.Srilatha,	Asst.Prof,	ECE	

Grievance Redressal Committee Coordinator
Dr.A.Alakanandana, Assoc Prof, BS Dept, GNITS

PRINCIPAL
G.Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

C. Sample Action taken report of the Representations for Student Grievance Redressal (3)



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Student Grievance Redressal

A Report on

The Grievance received from students

This is a report on the grievance received from some students against their faculty and Counsellor respectively. In their complaint, they have expressed their inconvenience about a teacher's unfriendly behaviour, extending the lab hours way into lunch time leading to students missing their lunch. Further, apparently, she exhibited aggressive behaviour and discouraged students with her words.

The complaint with signatures of all students was forwarded to the Grievance Redressal Cell by the HoD.

During the Grievance Redressal Committee meeting following the complaint, the members suggested requesting the Principal and Convenor, to constitute a separate enquiry committee that can look into the above complaint.

The Principal formed an enquiry committee with 3 senior faculty members. The committee met the concerned students and ascertained the facts of the complaints and recommended issuing of Show-cause notice to the faculty. The committee counselled the faculty to approach students with a positive mindset.The faculty member gave her explanation to the authorities. The faculty forwarded her response to the Show-cause notice to the Principal.

A. Alaka
Dr.A. ALAKANANDANA
Coordinator -GRC

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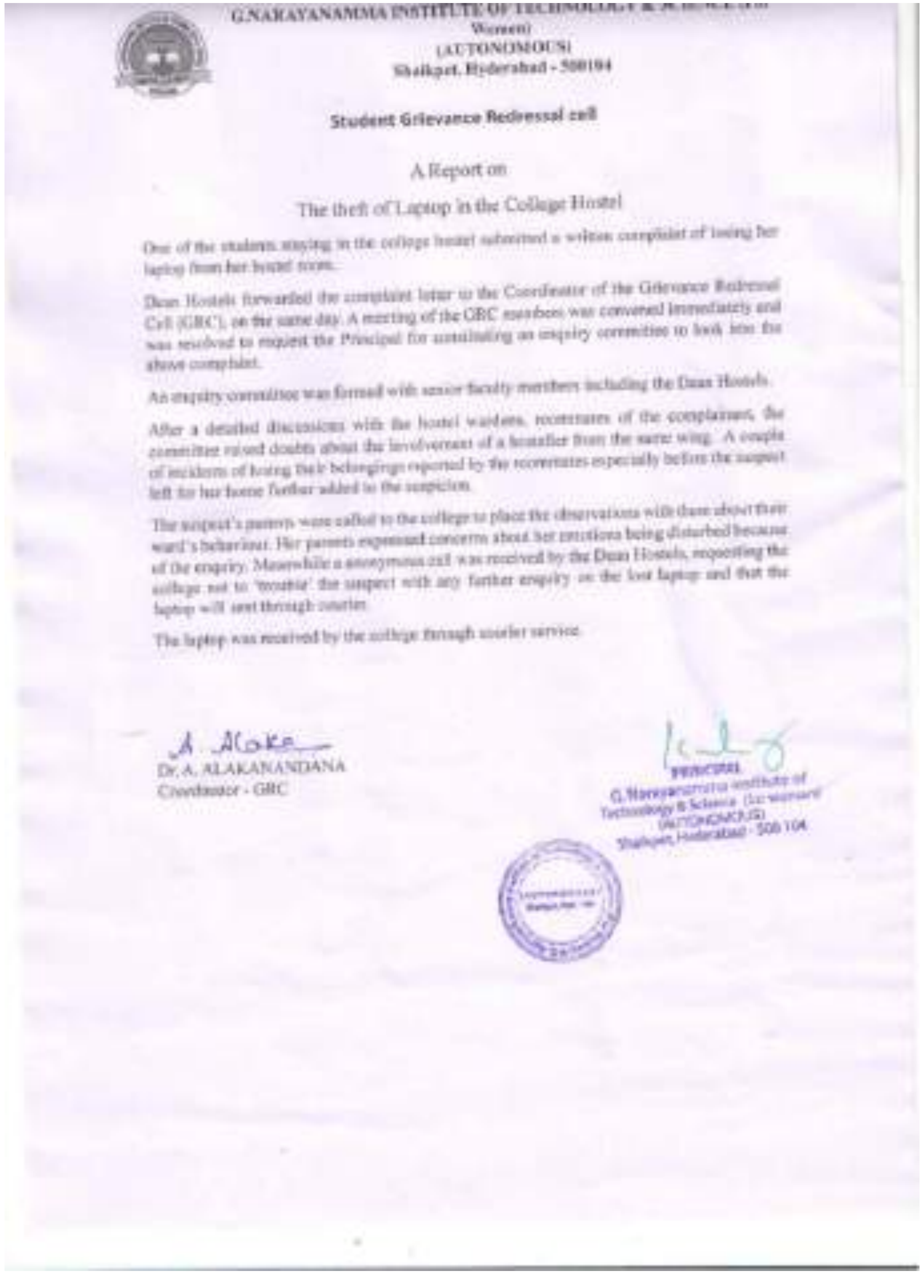
Shaikpet, Hyderabad - 500 104



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Student Grievance Redressal cell

A Report on

The theft of Laptop in the College Hostel

One of the students staying in the college hostel submitted a written complaint of losing her laptop from her hostel room.

Dean Hostels forwarded the complaint letter to the Coordinator of the Grievance Redressal Cell (GRC), on the same day. A meeting of the GRC members was convened immediately and was resolved to request the Principal for constituting an enquiry committee to look into the above complaint.

An enquiry committee was formed with senior faculty members including the Dean Hostels.

After a detailed discussions with the hostel wardens, roommates of the complainant, the committee raised doubts about the involvement of a hosteller from the same wing. A couple of incidents of losing their belongings reported by the roommates especially before the suspect left for her home further added to the suspicion.

The suspect's parents were called to the college to place the observations with them about their ward's behaviour. Her parents expressed concerns about her emotions being disturbed because of the enquiry. Meanwhile a anonymous call was received by the Dean Hostels, requesting the college not to 'trouble' the suspect with any further enquiry on the lost laptop and that the laptop will sent through courier.

The laptop was received by the college through courier service.

A. Alaka
Dr. A. ALAKANANDANA
Coordinator - GRC

PRINCIPAL
G.Narayanamma Institute of
Technology & Science (for Women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

Anti Ragging Cell

Anti-Ragging Cell (ARC) was constituted in 2015 to curb ragging activities in the Institution as per the guidelines given by statutory bodies such as AICTE, UGC, State Government and JNTUH, Hyderabad. A committee was formed with both students and faculty as its members.

Prof Ch. Ganapathy Reddy, Professor, ECE Dept is the coordinator cum nodal officer.

The ARC aims to redress the grievances of students especially first year students. This cell strives to establish a conducive and safe environment in the institution for the freshly admitted students. The complaints received by the students are redressed with mutual consultations and based on the gravity of the complaint. The students are encouraged to file their complaints which are considered by the Anti-Ragging Cell. The meetings will be called by the Co-Ordinator to decide the course of action to be taken depending on the seriousness of the complaint. Table No.10.1.5.3 shows the List of Antiragging Cell members.

Table No.10.1.5.3 Antiragging Cell Members

S. No	Name	Designation	Department	Responsibility
1	Dr. K. Ramesh Reddy	Principal	EEE	Chairman
2	Prof. Ch. Ganapathy Reddy	Professor	ECE	Nodal Officer
3	Mr. V Radhakrishna	Asst. Prof	ECE	Member
4	Mrs V. Divya Raj	Asst. Prof	CSE	Member
5	Mrs. J. Mamatha	Asst. Prof	HM	Member
6	Prof. G. Gopinath	Asst. Prof	EEE	Member
7	Mrs. Ch. Sravanthi	Asst. Prof	IT	Member
8	Mr. Siva Sankar Namani	Asst. Prof	CSE (AI&ML)	Member
9	Mr. Hari Krishna	Asst. Prof	ETM	Member
10	Dr. S. Uday Bhasker	Asst. Prof	BS	Member
11	Ms. N. Hiranmai	Asst. Prof	Mech	Member

Aims & Objectives

- To prevent ragging and drugs in all its forms in GNITS.
- To propose adequate measures to the college authorities to CURB ragging and drugs in the
- To provide a safe and congenial environment for the students by instilling confidence in them.
- To initiate required steps in the Institution as per the instructions received from Director of Technical Education, JNTUH & UGC for their effective implementation.
- To display banners and posters about ill effects of ragging and drugs and the related consequences.
- To provide required guidance and counselling for the needy students.

Functions & Responsibilities

- Awareness creation & spreading.
- Conduction of seminars & events (1 or 2 per year) based on the situation
- Guidance & counselling as and when needed
- Regular monitoring all through the academic year.
- Ease of accessibility
- Public relations
- Immediate response to the complaints

Grievance Redressal mechanism:

I. In case of any ragging or drug incident, the aggrieved can:

1. Approach any member of Anti-Ragging/ Anti-drug Committee or Nodal Officer or any HOD or Principal.
2. Lodge her complaint through grievances drop box placed in all departments.
3. Send an email to nodal officer at arc@gnits.ac.in (mailto:arc@gnits.ac.in).

II. On receipt of a serious complaint related to ragging / drug, the following procedure will be followed:

1. A sub-committee will be formed under the chairmanship of Principal or any another senior faculty member which shall conduct a preliminary enquiry so as to ascertain the facts of the allegations by collecting circumstantial evidences as well as recorded statements of any witness/es including the complainant.
2. The inquiry shall be completed within a period of one week.
3. On completion of the inquiry, the sub-committee shall submit a report of its findings soon after completion of its inquiry.
4. The Principal shall then act upon the recommendations of the sub-committee with an intimation to the parents.

III. What are the possible actions that can be taken against respondent?

1. Oral or written Warning
2. Written apology/undertaking
3. Suspension from classes
4. Dismissal from Institution

5. Any other relevant actions as deemed fit by the committee

Internal Complaints Committee /Sexual harassment Committee/Women Protection cell:
https://www.gnits.ac.in/gnits-icc/ (https://www.gnits.ac.in/gnits-icc/)
The GNITS – Women Protection Cell aims:

- To uphold women’s right to protection.
- To create a sense of security and dignity.
- To provide a platform for both students and women staff to address the gender issues related to discrimination, harassment and abuse.
- To organize various programs to disseminate information about gender related laws and rights for intellectual and emotional wellbeing of women.
- To conduct guest lectures, workshops and seminars to evolve right understanding and motivation to empower as better workforce for the nation.
- To encourage healthy interaction and working environment among the students and staff.
- To provide required guidance and counseling for the needy women.

Functions of the cell Internal Complaints Committee (ICC) has been constituted in the college campus for the women faculty & staff and the students and has been functioning in the formal sense from 1st August, 2017 to provide a safe environment for them for a healthy and an enhanced intellectual and professional work culture.

- In pursuance of UGC (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions) Regulations, 2015 read with Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and in partial modification of Office Order No. 449 dated 05.08.2016, and as per the instructions of the AICTE, GNITS ICC.
- (Internal Complaint Committee) has been constituted to address sexual harassment related complaints.
- The Internal Complaints Committee’s major functions entail:
- Forceful implementation of the policies relating to the prevention of sexual harassment.
- Redressal of complaints filed within the scope of the laws, With fairness and without bias .
- Conducting awareness workshops/activities to educate all employees and students of the institute about: o Sexual harassment at workplace, its effects and laws against it o Filing a complaint with the ICC
- Annual report with Summary of the actions of ICC and the complaints filed
- Strive to resolve complaints by the aggrieved complainant, and
- Henceforth, recommend actions to be taken by the employee.

S.No	Name	Designation	Department	Responsibility
1	Dr. K. Ramesh Reddy	Principal	EEE	Chairman
2	Mrs. T. Aparna	Asst. Prof.	IT	Coordinator
3	Mrs. Bhagyasri Marreddy	Sr. Lawyer, Telangana High Court		External Member
4	Dr. P. Aparna	Dean, Student Affairs	HM	Member
5	Mrs. K. Swathi	Asst. Prof.	ECE	Member
6	Mrs. K. Swarna Latha	Asst. Prof.	EEE	Member
7	Mrs. Bhageshwari Ratkal	Asst. Prof.	CSE	Member
8	Mrs. T. Sunitha	Asst. Prof.	ETM	Member
9	Mrs. M. Srivalli	Asst. Prof.	BS	Member
10	Ms. N. Hiranmayi	Asst. Prof	Mech.	Member
11	Dr. M.V. L. Surya Kumari	PD	Sports	Member

Roles & Responsibilities of committee members
General Roles and Responsibilities:

- Dissemination of information and awareness generation (i.e. to create & communicate a detailed policy).
- To constitute a sub- committee at the departmental level comprising of faculty and student members for the welfare of women .
- Ensure that the members are trained in both skill & capacity in striving for an equal, safe and harmonious environment.
- To address and resolve grievances if any, on a timely basis.
- Prepare an annual report of the departmental women welfare activities and submit to the authorities.

The Internal Complaints Committee deals with sexual harassment and gender related issues , which are very sensitive and which need delicate handling. The aggrieved student / employee needs a secure environment where she can put forth her issue or complaint with courage. So it becomes the responsibility of the ICC to create a isolated environment where the complaint can freely express herself.

The aggrieved can approach ICC in following ways :

- Personally approach and give their grievances to the Coordinator or any member of the committee
- Send a mail to gnits.icc@gmail.com / aparna.tanam@gnits.ac.in
- Approach Head of the Institution wherein they will be subsequently guided to the ICC committee
- Use Suggestion boxes installed in various places in the college.

The following facilities are provided for ICC :

- For this purpose , ICC is set up in a separate room, where confidentiality can be maintained fully.
- An ICC cell has been set up in 2nd Floor , F Block.
- A notice board where the information regarding activities of the ICC can be displayed.
- A page on GNITS website through which the ICC can be reached.

On receipt of a complaint related to sexual harassment at work place , the following procedure will be followed:

- The committee members of ICC shall conduct a preliminary enquiry so as to ascertain the truth of the allegations by collecting documentary evidence as well as recording statements of any witness/es including the complainant.
- The inquiry shall be completed within a period of Maximum 90 days from the date of the complaint.
- On completion of the inquiry, the ICC shall provide a report of its findings to the employer within a period of maximum 10 days from the date of completion of inquiry and such report be made available to the concerned parties.
- If the allegations against the respondent are proved, it shall recommend punitive actions to be taken against the respondent to the employer.
- The employer shall act upon the recommendation within sixty days of receiving it.

10.1.5 Delegation of financial powers (5)

Institute Marks : 5.00

10.1.5. Delegation of Financial Powers

A. Financial Powers delegated to the Principal, Heads of Departments and relevant in-charges (2)

Institution should explicitly mention financial powers delegated to the Principal, Heads of Departments and relevant in-charges. Demonstrate the utilization of financial powers for each of the assessment years.

The following are the financial powers delegated to the key members who are at various levels of administrative positions to carry out any regular activities of the Institute/Department.

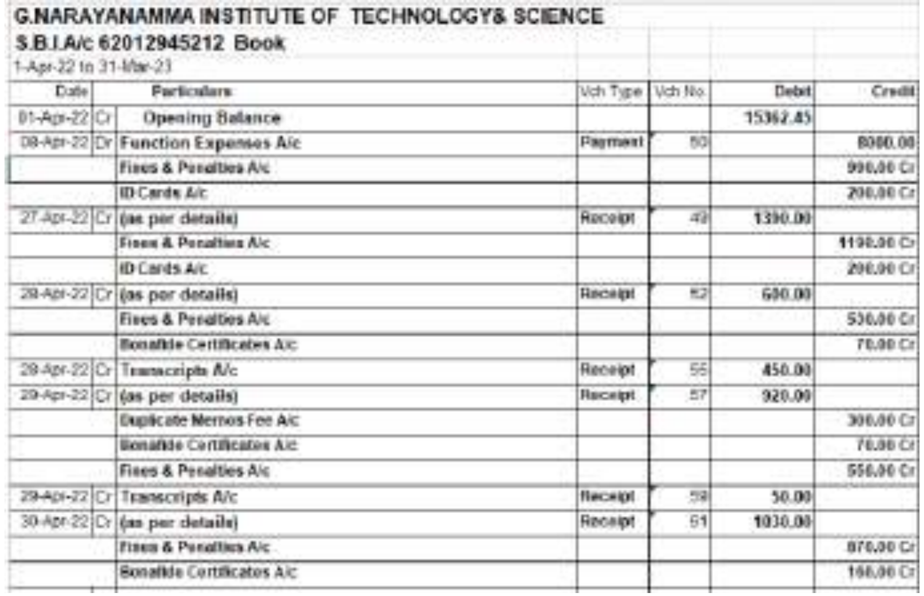
Designation Financial Power (in Rs.)

Principal Rs. 1,00,000/-

HODs Rs. 25,000/-

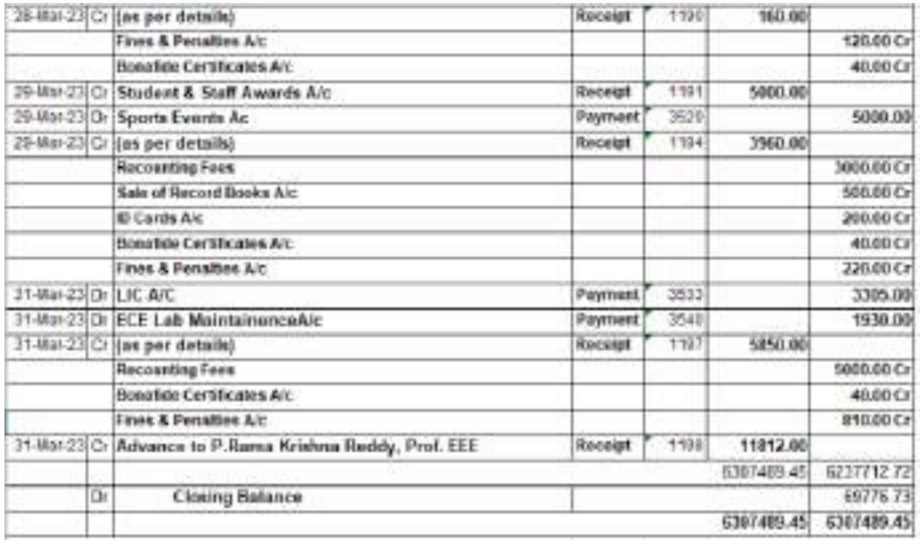
B.Demonstrate the utilization of financial powers for each of the assessment years (3)

Evidence for Financial utilization by the Head of the Institute



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY& SCIENCE
S.B.I.A/c 62012945212 Book
1-Apr-22 to 31-Mar-23

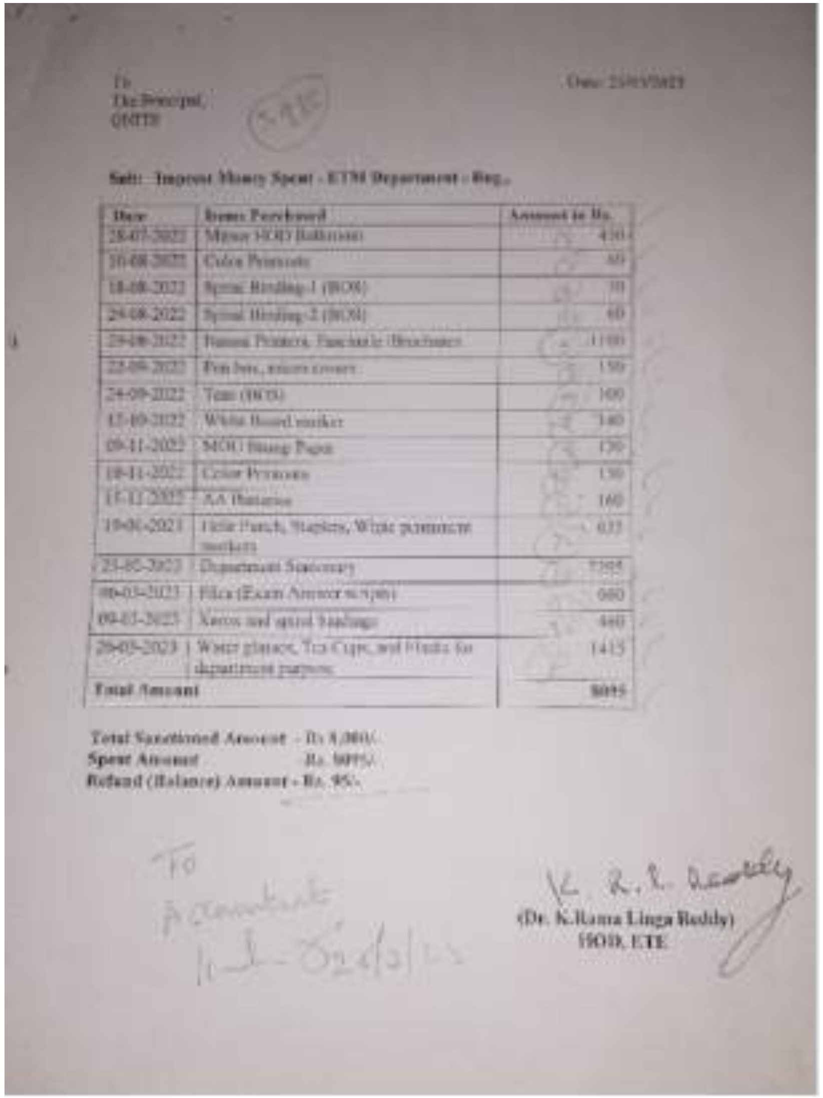
Date		Particulars	Vch Type	Vch No.	Debit	Credit
01-Apr-22	Cr	Opening Balance			15362.45	
08-Apr-22	Dr	Function Expenses A/c	Payment	50		8000.00
		Fines & Penalties A/c				990.00 Cr
		ID Cards A/c				200.00 Cr
27-Apr-22	Cr	(as per details)	Receipt	49	1390.00	
		Fines & Penalties A/c				1190.00 Cr
		ID Cards A/c				200.00 Cr
28-Apr-22	Cr	(as per details)	Receipt	52	600.00	
		Fines & Penalties A/c				530.00 Cr
		Bonafide Certificates A/c				70.00 Cr
28-Apr-22	Cr	Transcripts A/c	Receipt	55	450.00	
29-Apr-22	Cr	(as per details)	Receipt	57	920.00	
		Duplicate Memos Fee A/c				300.00 Cr
		Bonafide Certificates A/c				70.00 Cr
		Fines & Penalties A/c				550.00 Cr
29-Apr-22	Cr	Transcripts A/c	Receipt	59	50.00	
30-Apr-22	Cr	(as per details)	Receipt	61	1030.00	
		Fines & Penalties A/c				870.00 Cr
		Bonafide Certificates A/c				160.00 Cr



28-Mar-23	Cr	(as per details)	Receipt	1190	160.00	
		Fines & Penalties A/c				120.00 Cr
		Bonafide Certificates A/c				40.00 Cr
29-Mar-23	Cr	Student & Staff Awards A/c	Receipt	1191	5000.00	
29-Mar-23	Dr	Sports Events Ac	Payment	3520		5000.00
29-Mar-23	Cr	(as per details)	Receipt	1194	3960.00	
		Recounting Fees				3000.00 Cr
		Sale of Record Books A/c				500.00 Cr
		ID Cards A/c				200.00 Cr
		Bonafide Certificates A/c				40.00 Cr
		Fines & Penalties A/c				220.00 Cr
31-Mar-23	Dr	LIC A/C	Payment	3533		3305.00
31-Mar-23	Dr	ECE Lab MaintainenceA/c	Payment	3540		1930.00
31-Mar-23	Cr	(as per details)	Receipt	1197	5850.00	
		Recounting Fees				5000.00 Cr
		Bonafide Certificates A/c				40.00 Cr
		Fines & Penalties A/c				810.00 Cr
31-Mar-23	Cr	Advance to P.Rama Krishna Reddy, Prof. EEE	Receipt	1198	11812.00	
					6307489.45	6237712.72
	Dr	Closing Balance				69776.73
					6307489.45	6307489.45

Fig 10.1.5.1: Evidence for Financial Delegation by the Head of the Institution

Evidence for Financial utilization by the Head of the Department



To
The Principal,
QISIT

Date: 25/03/2023

Sub: Imprest Money Spent - ETM Department - Reg.,

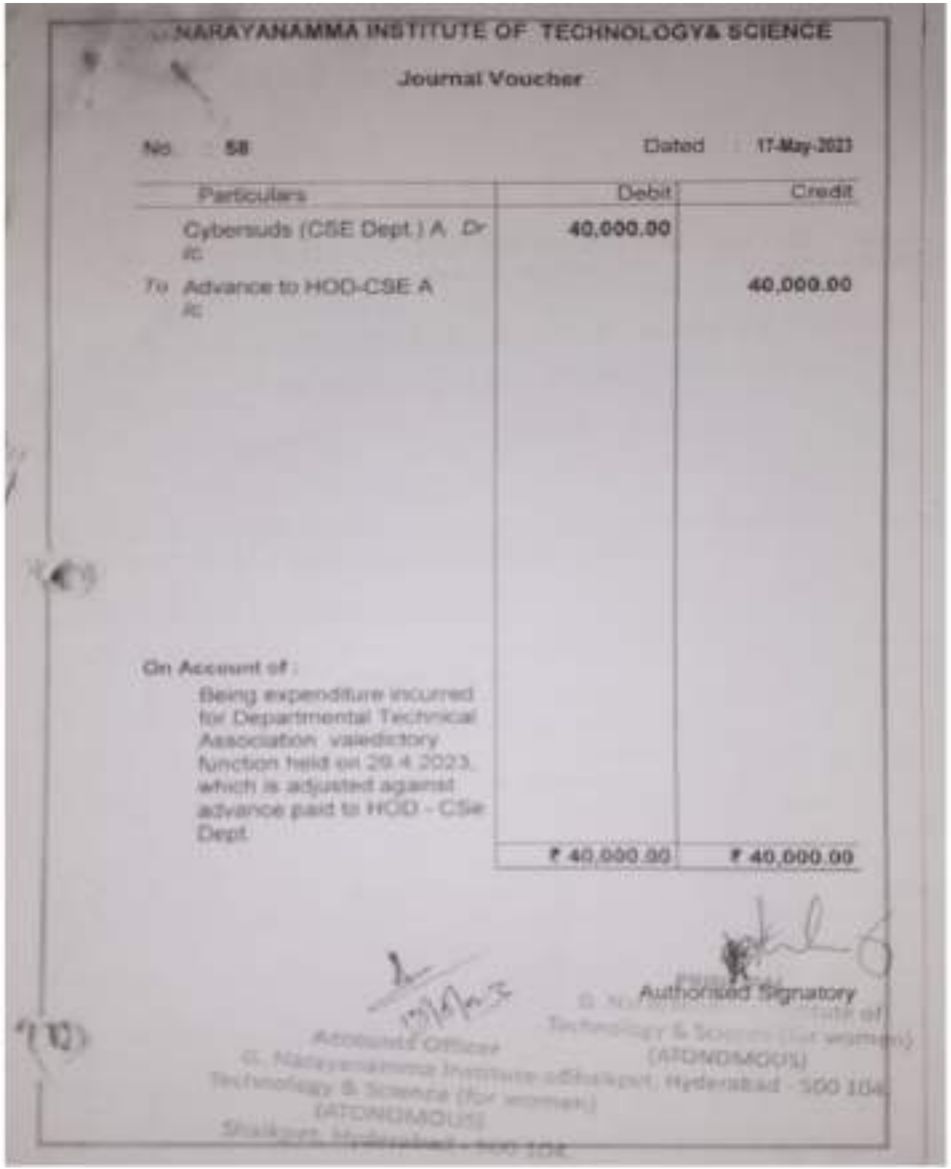
Date	Items Purchased	Amount in Rs.
28-07-2022	Mirror HOD Bathroom	430
10-08-2022	Color Printouts	60
18-08-2022	Spiral Binding-1 (BOS)	30
24-08-2022	Spiral Binding-2 (BOS)	60
29-08-2022	Banner Printers, Fascicle Brochures	1100
22-09-2022	Pen box, mirror covers	150
24-09-2022	Tea (BOS)	100
17-10-2022	White Board marker	140
09-11-2022	MOU Stamp Paper	120
18-11-2022	Color Printouts	150
17-11-2022	AA Batteries	160
19-01-2023	Hole Punch, Staplers, White permanent markers	635
23-02-2023	Department Stationery	2285
06-03-2023	Files (Exam Answer scripts)	680
09-03-2023	Xerox and spiral bindings	460
29-03-2023	Water glasses, Tea Cups, and Flasks for department purpose	1415
Total Amount		**8095**

Total Sanctioned Amount - Rs. 8,000/-
Spent Amount - Rs. 8095/-
Refund (Balance) Amount - Rs. 95/-

To
Accountant
02/3/23

K. R. L. Reddy
(Dr. K.Rama Linga Reddy)
HOD, ETE

Fig 10.1.5.2: Evidence for Financial Delegation by the Head of the Department



NARAYANAMMA INSTITUTE OF TECHNOLOGY& SCIENCE

Journal Voucher

No. : 58 Dated : 17-May-2023

Particulars	Debit	Credit
Cybersuds (CSE Dept.) A/c Dr	40,000.00	
To Advance to HOD-CSE A/c		40,000.00
On Account of : Being expenditure incurred for Departmental Technical Association valedictory function held on 29.4.2023, which is adjusted against advance paid to HOD - CSe Dept.	₹ 40,000.00	₹ 40,000.00

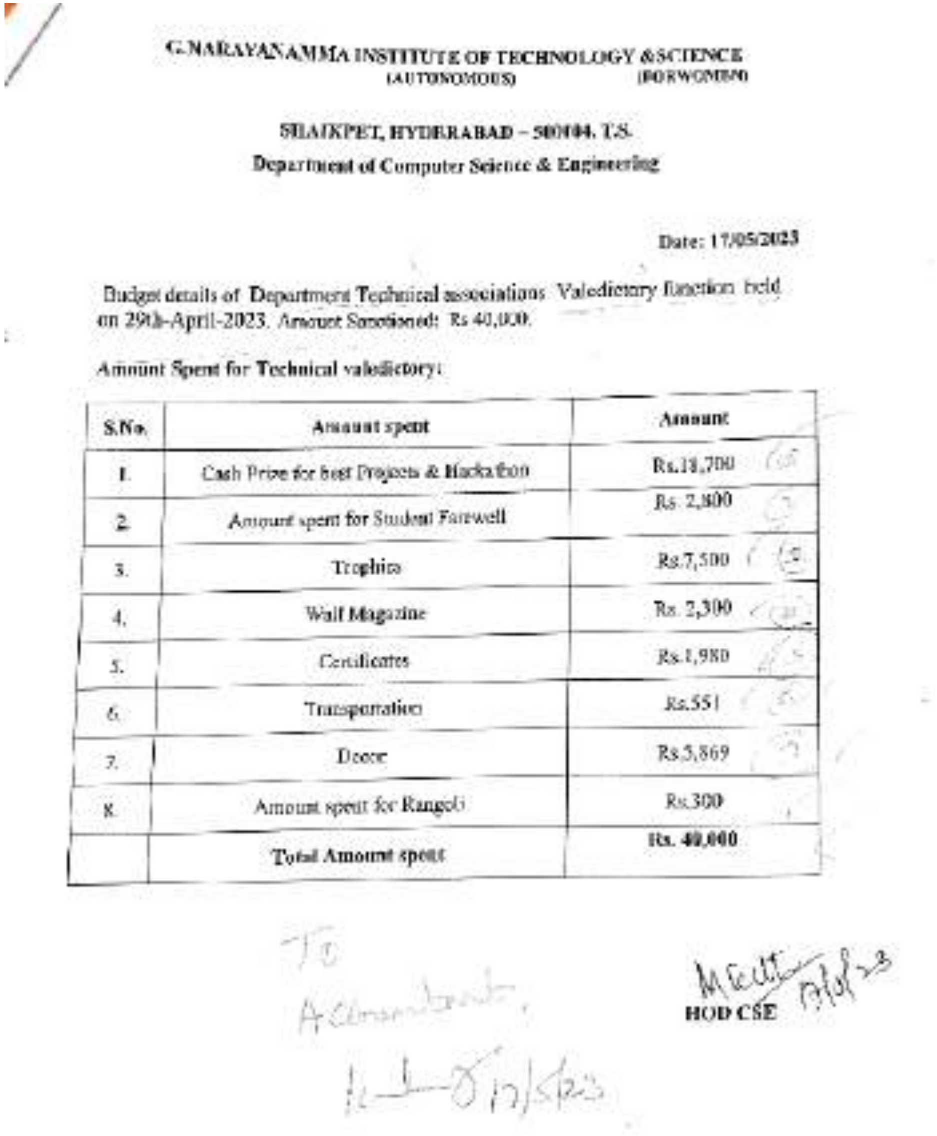
17/5/23

Accounts Officer
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

Authorised Signatory

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

Fig 10.1.5.3: Evidence for Financial Delegation by the Head of the Department



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS) (FOR WOMEN)

SHAIKPET, HYDERABAD – 500104. T.S.
Department of Computer Science & Engineering

Date: 17/05/2023

Budget details of Department Technical associations Valedictory function held on 29th-April-2023. Amount Sanctioned: Rs 40,000.

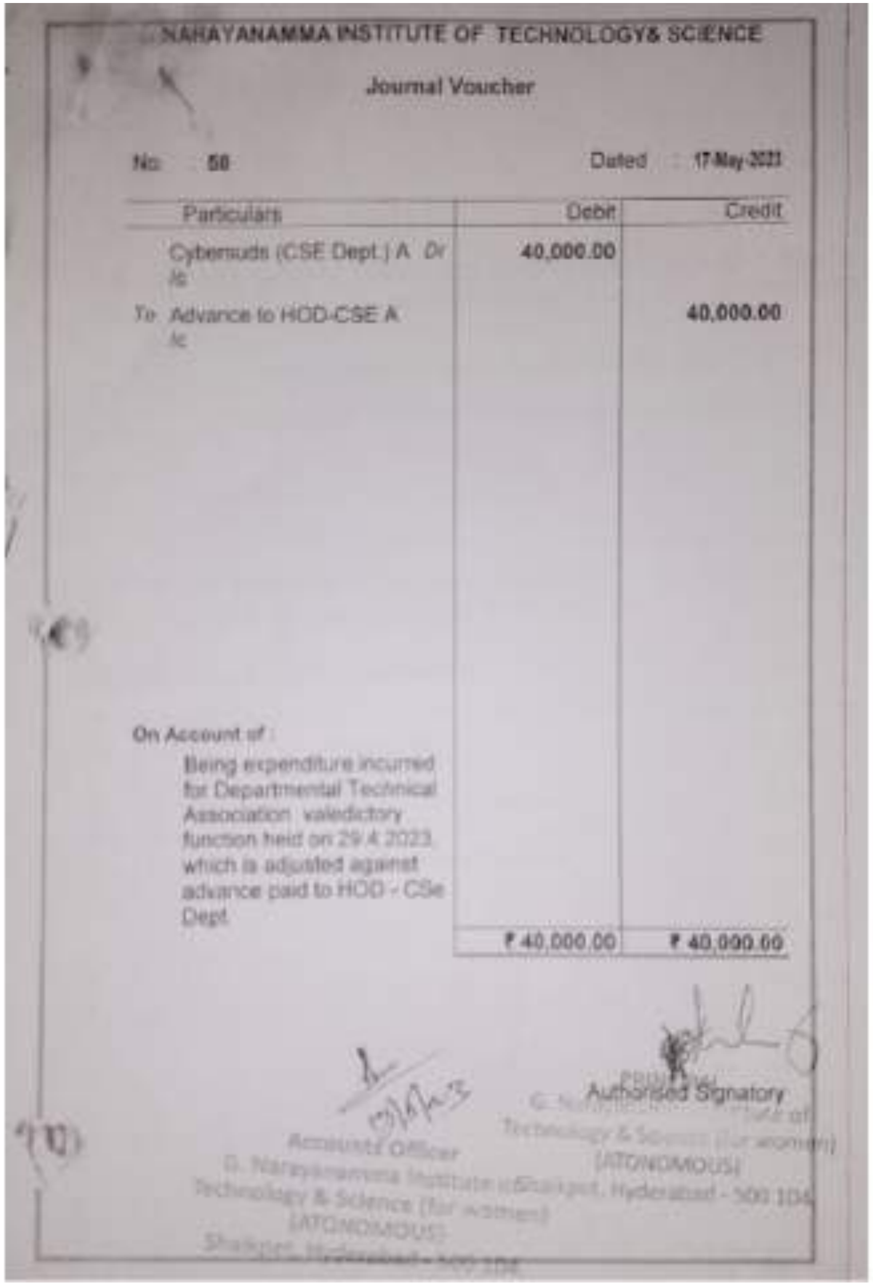
Amount Spent for Technical valedictory:

S.No.	Amount spent	Amount
1.	Cash Prize for best Projects & Hackathon	Rs.18,700
2.	Amount spent for Student Farewell	Rs. 2,800
3.	Trophies	Rs.7,500
4.	Wall Magazine	Rs. 2,300
5.	Certificates	Rs.1,980
6.	Transportation	Rs.551
7.	Decor	Rs.5,869
8.	Amount spent for Rangoli	Rs.300
	Total Amount spent	**Rs. 40,000**

To
Accountant,
17/5/23

17/5/23
HOD CSE

Fig 10.1.5.4: Evidence for Financial Delegation by the Head of the Department



NARAYANAMMA INSTITUTE OF TECHNOLOGY& SCIENCE

Journal Voucher

No: 58 Dated : 17-May-2023

Particulars	Debit	Credit
Cybersuds (CSE Dept.) A/c Dr	40,000.00	
To Advance to HOD-CSE A/c		40,000.00
	₹ 40,000.00	₹ 40,000.00

On Account of :

Being expenditure incurred for Departmental Technical Association valedictory function held on 29.4.2023, which is adjusted against advance paid to HOD - CSe Dept.

17/5/23

Accounts Officer
G. Narayanamma Institute of
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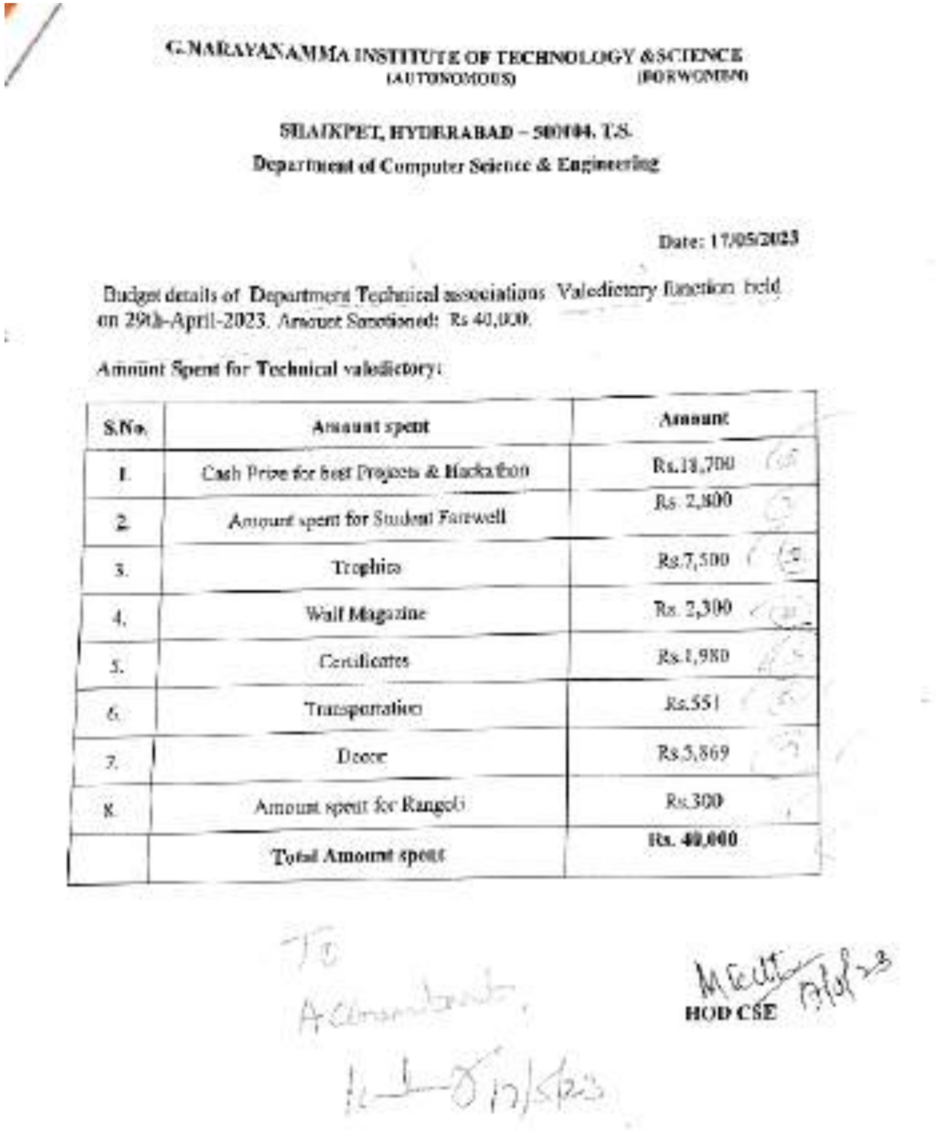
(ATONOMOUS)
Shaikpet, Hyderabad - 500 104

Authorised Signatory

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(ATONOMOUS)
Shaikpet, Hyderabad - 500 104

Fig 10.1.5.5: Evidence for Financial Delegation by the Head of the Department



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS) (FOR WOMEN)

SHAIKPET, HYDERABAD – 500104, T.S.
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	Total Amount spent	Rs. 40,000

To
Accountant,
17/5/23

17/5/23
HOD CSE

10.1.6 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks : 5.00

10.1.6. Transparency and availability of correct/unambiguous information in public domain (5)

Response:

The institutions effective governance, leadership, and management are demonstrated by its long track record of delivering quality technical education without disruptions. This success is

attributed to the responsive and efficient management. The Institution has its own website, URL is: www.gnits.ac.in (http://www.gnits.ac.in).

The Institution ensures to publish their Vision, Mission and various Quality policy rules, achievements, Mandatory Disclosure as per AICTE etc., AISHE Certificates are available in the website. The administration of the institute operates through Academic and Administrative committees and other committees comprising faculty, non-teaching staff, and students as members. Information pertaining to these committees is transparently shared with all stakeholders through annual reports, notice boards, circulars, and the institutes website, ensuring accessibility at various levels.

The details of Teaching and Non Teaching staff published in the website also Student details such as intake and admitted details are available in each department portals.

Mandatory disclosures are uploaded to the website every academic year to ensure transparency. Additionally, the institute participates in the All India Survey for Higher Education annually, with the institutions information submitted to the Ministry of Human Resource Development (MHRD).

The Annual Quality Assurance Report (AQAR) is submitted to the National Assessment and Accreditation Council (NAAC) and is made available on the institutions website for transparency purposes.

Furthermore, all details regarding institutional accreditation, as well as reports from NIRF (National Institutional Ranking Framework) and ARIIA (Atal Ranking of Institutions on Innovation Achievements), are disseminated to stakeholders through the institutions website.

Parents have the option to access their wards details, including attendance and marks, through the institutions ecap.

Regular updates are made to the website to reflect various activities such as workshops, conferences, student activities etc.

Students academic information, such as attendance and results, is displayed on notice boards. Examination notifications and academic announcements are also posted on the website and notice boards.

Transparency is maintained across all administrative, academic, and non-academic units of the institute by involving staff and students in various committees at both institute and department levels.

The institutes academic calendar is accessible on the website using the link https://www.gnits.ac.in/academics/academic-calendar/ and hard copies are distributed to each staff and student.

Grievance links are readily available on the website to facilitate communication and address concerns.

Financial audited statements are transparently provided on the website, ensuring stakeholders have access to relevant financial information.

A. **Information on the policies, rules, processes is to be made available on web site (2)**

The Below tables**10.1.6.1.** gives the information about various policies published in the website.

Table 10.1.6.1. Policies and its website links

S.No.	Name of the Policy	Link

1	e-governance	https://www.gnits.ac.in/e-governance-policy/
2	HR POLICY	https://www.gnits.ac.in/about-us/service-rules/ (https://www.gnits.ac.in/about-us/service-rules/)
3	Admission Policy	https://www.gnits.ac.in/admission-policy/
4	Reservation Policy	https://www.gnits.ac.in/g-os-on-reservation/ (https://www.gnits.ac.in/g-os-on-reservation/)
5	Code of Ethics and Conduct for Students	https://www.gnits.ac.in/code-of-ethics-and-conduct-forstudents/
6	Code of Ethics and Conduct for Staff	https://www.gnits.ac.in/code-of-conduct/
7	Hostel Policy	https://www.gnits.ac.in/policy-2 (https://www.gnits.ac.in/policy-2)
8	Research & Consultancy Policy	https://www.gnits.ac.in/policy/#1648387248777-200488cf-d776 (https://www.gnits.ac.in/policy/#1648387248777-200488cf-d776)
9	Intellectual Policy	https://www.gnits.ac.in/policy/#1648387248793-ffde6def-7f0e (https://www.gnits.ac.in/policy/#1648387248793-ffde6def-7f0e)
10	Plagiarism Policy	https://w (https://www.gnits.ac.in/policy/#1648387345909-87479560-8512)ww.gnits.ac.in/policy/#1648387345909-87479560-8512
11	Seed Policy	https://www.gnits.ac.in/policy/#1703845680575-911456ed-d535 (https://www.gnits.ac.in/policy/#1703845680575-911456ed-d535)
12	National Innovation and Start-up Policy	https://www.gnits.ac.in/policies/#1704709979795-9cb46e58-2460 (https://www.gnits.ac.in/policies/#1704709979795-9cb46e58-2460)

13	Recruitment Policy	https://www.gnits.ac.in/wp-content/uploads/2024/03/Placement-Policy.pdf (https://www.gnits.ac.in/wp-content/uploads/2024/03/Placement-Policy.pdf)
14	Internship Policy	https://www.gnits.ac.in/wp-content/uploads/2024/03/Internship-Policy.pdf (https://www.gnits.ac.in/wp-content/uploads/2024/03/Internship-Policy.pdf)
15	Alumnae Policy	https://www.gnits.ac.in/alumnae-policy/ (https://www.gnits.ac.in/alumnae-policy/)
16	Policy Guidelines For Awards/Prizes/ Medals	https://www.gnits.ac.in/students-scholarships-sponsored-by-the-institute-ngos/#1649321985554-28d5b959-e5f5 (https://www.gnits.ac.in/students-scholarships-sponsored-by-the-institute-ngos/#1649321985554-28d5b959-e5f5)
17	Green Campus Policy	https://www.gnits.ac.in/wp-content/uploads/2024/01/Green-Campus-Policy.pdf (https://www.gnits.ac.in/wp-content/uploads/2024/01/Green-Campus-Policy.pdf)
18	Environment-and-Energy-Policy	https://www.gnits.ac.in/wp-content/uploads/2024/01/Environment-and-Energy-Policy.pdf (https://www.gnits.ac.in/wp-content/uploads/2024/01/Environment-and-Energy-Policy.pdf)
19	IT Maintenance Policy	https://www.gnits.ac.in/it-maintenance-policy/ (https://www.gnits.ac.in/it-maintenance-policy/)

B. Dissemination of the information about student, faculty and staff (2)

Student details are available in the Institutional website :

Link: https://www.gnits.ac.in/students-on-rolls/ (https://www.gnits.ac.in/students-on-rolls/)

Faculty and staff details are available in the individual departments and is as shown in the Table 10.1.6.2 along with the links below

Table 10.1.6.2

S.No	Name of the Department	Links
1	**CSE (Faculty and Staff)**	https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/staff-profile/ (https://www.gnits.ac.in/computer-science-engg/computer-science-engineering/staff-profile/)
2	**ECE (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-2/ (https://www.gnits.ac.in/staff-profile-2/)
3	**EEE (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-6/ (https://www.gnits.ac.in/staff-profile-6/)
4	**IT (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-8/ (https://www.gnits.ac.in/staff-profile-8/)
5	**ETE (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-7/ (https://www.gnits.ac.in/staff-profile-7/)

6	**H & M (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-5/ (https://www.gnits.ac.in/staff-profile-5/)
7	**BS (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-4/ (https://www.gnits.ac.in/staff-profile-4/)
8	**Mechanical (Faculty and Staff)**	https://www.gnits.ac.in/staff-profile-3/ (https://www.gnits.ac.in/staff-profile-3/)
9	**Admin Staff**	https://www.gnits.ac.in/administration/ (https://www.gnits.ac.in/administration/)

C. Mandatory disclosure as per AICTE/AISHE on the website. (1)

The below table **10.1.6.3.** provides the information about Mandatory Disclosure published in the website.

Table 10.1.6.3. Mandatory Disclosure and its website links

S. No	Academic Year	Link
1	2022-2023	https://www.gnits.ac.in/wp-content/uploads/2023/08/MANDATORY-DISCLOSURE-2022-23.pdf (https://www.gnits.ac.in/wp-%20content/uploads/2023/08/MANDATORY-DISCLOSURE-2022-23.pdf)

2	2021-2022	https://www.gnits.ac.in/wp-content/uploads/2022/05/mandatory-disclousres.pdf (https://www.gnits.ac.in/wp-content/uploads/2022/05/mandatory-disclousres.pdf)
3	2020-2021	https://www.gnits.ac.in/wp-content/uploads/2021/11/Mandatory-Disclousres-2020-21-revised.pdf (https://www.gnits.ac.in/wp-content/uploads/2021/11/Mandatory-Disclousres-2020-21-revised.pdf)

The below table **10.1.6.4** gives the information about various policies published in the website.

Table 10.1.6.4 AISHE Certificates and its website links

S. No	**Academic Year**	**Link**
1	2022-2023	https://www.gnits.ac.in/aishe/#1695620471181-2c7b0840-2b6e
2	2021-2022	https://www.gnits.ac.in/aishe/#1710140019928-f6057e19-5cc7
3	2020-2021	https://www.gnits.ac.in/aishe/#1695620459631-b70109e3-18ce

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (15)

Total Marks 15.00

:

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY : (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2023-2024

Total Income 450832394				Actual expenditure(till…): 509611629			Total No. Of Students 3877
Fee	Govt.	Grants	Other sources(specify) Admission & O	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
407641400	0	1596619	41594375	354280508	155331121	0	131444.84

Table 2 - CFYm1 2022-2023

Total Income 423840857				Actual expenditure(till…): 456109517			Total No. Of Students 3549
Fee	Govt.	Grants	Other sources(specify) Admission & O	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
368877176	0	686389	54277292	354420830	101688687	0	128517.76

Table 3 - CFYm2 2021-2022

Total Income 420209994				Actual expenditure(till…): 322533672			Total No. Of Students 3332
Fee	Govt.	Grants	Other sources(specify) Admission & O	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
380969495	0	3545872	35694627	279989359	42544313	0	96798.82

Table 4 - CFYm3 2020-2021

Total Income 332939264				Actual expenditure(till…): 288615346			Total No. Of Students 3136
Fee	Govt.	Grants	Other sources(specify) Admission & O	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
300743465	0	0	32195799	249437252	39178094	0	92032.95

Items	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till	Budgeted in 2020-2021	Actual Expenses in 2020-2021 till
Infrastructure Built-Up	1500000	1421542	8500000	8276904	1800000	1534725	3900000	3516483
Library	3200000	3135728	2000000	1580447	2453000	2252370	1200000	918173
Laboratory equipment	1220000	1207163	2000000	1852563	2700000	2657625	4200000	3772016
Laboratory consumables	1500000	1433781	1981000	1366313	1800000	1585366	1085000	850638
Teaching and non-teaching sta	3500000	2846007	2850000	2795719	2470000	2334963	2244000	2167592
Maintenance and spares	1000000	9743127	1500000	1365716	9500000	9273777	7800000	6697208
R&D	2800000	2673056	6000000	5443673	3000000	2808071	2000000	1640813
Training and Travel	800000	477252	800000	602595	200000	186217	200000	163106
Miscellaneous Expenses*	4000000	3729475	4200000	3349503	3200000	2897358	5100000	4687876
Others, specify	5697500	4959261	5412500	4924315	3092500	2811061	2082000	1796142
Total	**591475000**	**509611629**	**474106000**	**456109517**	**343078000**	**322533672**	**305805000**	**288615346**

10.2.1 Adequacy of budget allocation (5)

Institute Marks : 5.00

A. **Quantum of Budget allocation for three Years**

	Sanctioned Amount in Rs.	Utilized Amount in Rs.	%
CFY	**59,14,75,000**	**50,96,11,629**	**86.16**
CFY m1	**47,41,06,000**	**45,61,09,517**	**96.20**
CFY m2	**34,30,78,000**	**32,25,33,672**	**94.01**
CFY m3	**30,58,05,000**	**28,86,15,346**	**94.38**

- The yearly budget is prepared according to the needs & requirements of the departments taking into consideration of annual intake of students, laboratory & infrastructure developments.
- The components of budget include salaries of all staff, purchase of equipment’s, establishment of new labs, maintenance of labs, research and development, training and placement, students activities and sports, purchase of books etc.
- Budget Committee of the department reviews the proposed budget and sends the budget proposals to the Institute Finance Committee.
- Formal budget estimates are prepared by each department and will be reviewed in HODs meeting with the Principal and Dean of Administration.
- After deliberations, formal budget is altered in departments and forwarded to Dean of Administration for preparing the final budget at the college level.
- The final budget is forwarded to Management through the Principal for approval and sanction.
- The Management, in consultation with the Governing Body and after due diligence, sanctions the budget which was proposed by the institute to fulfil the requirements of various departments.
- In case of further requirements of funds or unforeseen expenditures by the departments / sections, the financial proposals can be forwarded to Governing Council. The proposal may be positively considered based on the merit of the case.

10.2.2 Utilization of allocated funds (5)

Institute Marks : 5.00

In general, budget preparation is carried out individually by Departments and Sections, encompassing various aspects such as:

- Development
- Infrastructure maintenance
- Research
- Consultancy
- introduction of new courses
- faculty requirements
- training for faculty, staff, and students
- initiatives in innovations and start-ups

These comprehensive proposals are then submitted for necessary budget approvals.

Once budgets are sanctioned, the utilization rate typically ranges between 85% to 95%, reflecting efficient budget planning and the prudent utilization of allocated funds. This high utilization rate underscores the institutions commitment to effective financial management and the strategic allocation of resources to meet its objectives across multiple domains.

10.2.3 Availability of the audited statements on the institute's website (5)

Institute Marks : 5.00

The Audited Financial Statements for each fiscal year of the institute are accessible on the institutes website as shown in the table 10.2.3.1.

Table 10.2.3.1 Financial Audited Statement for three Fiscal years.

S.No	Financial Year	Link
1	2022-2023	https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-report-2022-2023.pdf (https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-report-2022-2023.pdf)
2	2021-2022	https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-REport-2021-2022_.pdf (https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-REport-2021-2022_.pdf)
3	2020-2021	https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-REport-2021-2022_.pdf (https://www.gnits.ac.in/wp-content/uploads/2023/10/Audit-REport-2021-2022_.pdf)

10.3 Program Specific Budget Allocation, Utilization (30)

Total Marks 30.00

:

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY: (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 :: CFY 2023-2024

Total Budget 2825000		Actual expenditure (till…): 2451309		Total No. Of Students 540
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
1920000	905000	1829810	621499	4539.46

Table 2 :: CFYm1 2022-2023

Total Budget 4137000		Actual expenditure (till…): 4058607		Total No. Of Students 540
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
3027000	1110000	2658885	1399722	7515.94

Table 3 :: CFYm2 2021-2022

Total Budget 2743000		Actual expenditure (till…): 2702965		Total No. Of Students 540
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2204000	539000	2215998	486967	5005.49

Table 4 :: CFYm3 2020-2021

Total Budget 3088000		Actual expenditure (till…): 2780426		Total No. Of Students 540
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2609000	479000	2496443	283983	5148.94

Items	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till	Budgeted in 2020-2021	Actual Expenses in 2020-2021 till

Laboratory equipment	1920000	1829810	3027000	2658885	2204000	2215998	2609000	2496443
Software	250000	273199	250000	250000	250000	250000	250000	247233
Laboratory consumable	50000	43749	60000	61227	60000	47300	40000	0
Maintenance and spares	90000	84576	100000	119479	90000	145133	50000	0
R & D	425000	141848	600000	940500	70000	30600	70000	36750
Training and Travel	80000	67307	90000	13525	45000	5200	45000	0
Miscellaneous Expenses*	10000	10820	10000	14991	24000	8734	24000	0
Total	**2825000**	**2451309**	**4137000**	**4058607**	**2743000**	**2702965**	**3088000**	**2780426**

10.3.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

10.3.1. Adequacy of budget allocation (10)

(Institution needs to justify that the budget allocated over the assessment years was adequate for the program)

Every year, Department Purchase Committee meeting will be held once we receive the circular from the principal. Department Purchase Committee members along with HOD will discuss about budget consolidation of current year and budget proposals for the coming year. A significant amount is planned and allocated to the CSE department towards capital, maintenance and research & development and the proposal will be sent to the principal for further approvals.

- Proposals for establishing new labs in accordance with the curriculum or acquiring additional equipment for the department is submitted under the capital budget.
- Maintaining the lab equipments and software renewals is allotted under maintenance budget.
- To encourage and motivate the faculty for publishing papers in reputed journals, this initiative is introduced under R&D budget. Based on the quality of publications, as per university norms, every year, research incentive is given every year.
- As part of the budget component, faculty members attending workshops, certification courses, faculty development programs, conferences are reimbursement along with the travel expenses. The institute reimburses the registration amount of these events to the faculty members after ensuring the participation and the quality of the events. Similarly, towards software renewal, consumables, maintenance and spares, a consistent amount is allocated.

- Also, various department level activities like Coding Competition, Workshops, Guest Lectures, and value added courses were identified and the activity plan will be submitted to the HOD for further approval.

Details of the Budget allocation for the department:

- In the **A.Y: 2023-24** as part of upgrading the systems for Computer Lab-6 Rs. 17,10,000/- and to purchase AC’s and computer chairs Rs. 2,10,000/- was proposed. Rs. 4,00,000/- was proposed under maintenance which includes Microsoft software license renewal. For Academic activities and R&D a total amount of Rs. 5,05,000/- was allotted.

- In the **A.Y: 2022-23** Rs. 22,95,000/- was proposed to upgrade Computer Lab – 4 systems, For computer chairs, network switches, projectors and AC’s an amount of Rs.7,32,000 was allotted. For the renewal of Microsoft software License and Lab maintenance an amount of Rs. 4,20,000/- was proposed. And Rs.6,90,000/- was allocated for enhancing academic activities and & R&D which is aimed at upgrading staff skills.

- In the **A.Y: 2021-22** a budget of Rs. 14,70,000/- was suggested for the enhancement of systems in Computer Lab – 8. An amount of Rs. 7,34,000/- was allotted for the new equipment purchase for the department. Rs. 4,00,000/- was proposed under maintenance which includes Microsoft software license renewal. A budget of Rs.1,39,000/- was allotted under R & D activities.

- In the **A.Y: 2020-21** for up gradation of systems an amount of Rs. 25,20,000/- and an amount of Rs. 89,000 /- was allotted for purchasing projectors, printers. An amount of Rs. 3,40,000/- was proposed under maintenance which includes Microsoft software license renewal. For R&D activities Rs. 1,39,000/- was proposed.

10.3.2 Utilization of allocated funds (20)

Institute Marks : 20.00

10.3.2. Utilization of allocated funds (20)

(Institution needs to state how the budget was utilized during the last three assessment years)

AY : 2023-24:

95% of the allotted funds were effectively utilized for laboratory equipment, meeting academic requirements. And 68.67% of the budget was utilized towards maintenance, software renewal, and research and development expenditures. Overall 86.67% of the budget was utilized in the department for the academic year 2023-24.

AY : 2022-23:

87.83% of the allotted funds were effectively utilized for laboratory equipment and 100% budget was utilized towards maintenance, software renewal, and research and development expenditures. Overall 98.10% of the budget was utilized in the department for the academic year 2022-23.

AY : 2021-22:

As per the academic requirement, 100% of all the allocated funds were efficiently utilized for laboratory equipment. And 90% of amount spent for maintenance, software renewal and R&D from the allotted budget. 98.54% of overall budget was utilized in the department for the academic year 2021-22.

AY : 2020-21:

95.68% of the allotted funds were effectively utilized for laboratory equipment and 59.28% budget was utilized towards maintenance, software renewal, and research and development expenditures. Overall 90% of the budget was utilized in the department for the academic year 2020-21.

10.4 Library and Internet (20)

Total Marks 20.00

10.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks : 10.00

1. **Library & Internet**

10.4.1. Quality of learning resources (hard/soft)

Availability of relevant learning resources including e-resources and Digital Library (7)

The quality of the learning depends on its originality and the standard resources available for learning. GNITS is having all such resources.

GNITS comprises of Central Library with Carpet area of 15044 Sq Ft along with six Departmental Libraries collectively support the teaching, research, and extension programs of the Institute. It has a well-equipped library with various learning resources for the stakeholders to access either in two modes - physical or online mode. GNITS library is fully automated with ECAP software. All in-house operations of the library are fully computerized using this Library management software, which also provides web-based access to the catalogue of the Central Library and some Departmental Libraries. It has a barcode-based automated library system and a wide variety of printed and electronic collections catering to the needs of all the students, faculty, and staff by using Barcode technology and the issue/return of books is processed by using this technology. Students and staff can find the books author wise, title wise, publisher wise. The Photocopy and scanning facilities are available at the library. The library committee which comprises the staff and students advises the librarian on improving the learning resources based on student requirements and academic and industry demands. The committee acts as a bridge between the users and the library. All the students are eligible to borrow 6 books. The library issues beyond the eligibility in specific cases based on requirement of the user.

The library has a good collection of **9687 Titles** and Volumes 45203 in Engineering & Technology, Humanities & Sciences. The collection also includes Encyclopaedias and Handbooks. The library has also been subscribing 115 peer reviewed journals, 16 Popular Magazines and E-journal databases as prescribed by AICTE from time to time.

Accessibility to students (3)

- The Central Library opens from 8.50 A.M to 8.30 P.M on all working days
- Sundays and Holidays 10A.M to 4.30 P.M.

MEMBERSHIPS

Other facilities

DIGITAL LIBRARY:

The Digital library which is well equipped was established in the Library and Information Center, Central Library with 30 computers. The Digital library has many forms and meanings in terms of information sharing and data security. CD's DVD's, online journals, scanned documents can be stored in the digital library and through LAN anyone can access information about the Digital Library. e-Journals and e- books gives information to anyone who desires it. e-Journals – 5000+, e – Books – 2,188 are available.

The Digital Library supports the students and staff for self-learning through **IEEE, DELNET, J-GATE, NDLI**, **SWAYAM-NPTEL** Book Containing e-material. The library organizes awareness programs connecting these resources with the objective of raising awareness among the students, staff and research scholars on how to use the e - resources.

S. No	Description	Particulars

1	Availability of Digital Library Contents	SWAYAM NPTEL-Web/Video Lectures, SONET Lectures, e-books, e-Journals, e-Back Volumes, other Self-Learning Resources, Previous Question Papers Institutional repositories and archives. etc.
2	No. of Courses	08
3	Number of e-Books	2188
4	No. of e-Journals	5000+
5	Availability of an exclusive server	Yes
6	Availability over Intranet / Internet	Yes
7	Availability of Exclusive space / room?	Yes

- DELNET MEMBERSHIP DELNET: for resources for borrowing books from libraries, getting photocopies of articles and for research and reference
- National Digital Library of India (NDLI) for having access to the free resources available at NDLI.
- E-SHODHSINDHU : eShodhSindhu :for subscribing e-resources in the prices negotiated by the consortium.
    - Discussion rooms
    - Own book reading
    - Inter Library Loan (ILL)
    - Library open behand the college timings
    - Plagiarism check
    - Nodal office @ Institutional level for Vidwan and IRINS
    - Previous question papers for all the courses are available.
    - Project reports and Institutional repositories are available.

Scholarly Journal Subscription:

Year	Number of Technical Magazines / Periodicals	Number of Total Technical Journals Subscribed	
		In Hard Copy	In Soft Copy
CFY m 2023-24	20	95	5000+
CFY m1 2022-23	28	98	5000+

CFY m2 2021-22	-	-	5000+

Plagiarism check software

TURNITIN & Drilbit - plagiarism softwares are available in the library. Academic regulations of the institution mandates plagiarism check for the thesis & research papers of B.Tech and M.Tech students. This service is maintained as per the guidelines of JNTU Hyderabad and the norms of UGC plagiarism policy 2018.

2021-2022

S. No.	**Nature of Work**	**Program/Purpose**	**No.of checks conducted**
1	Thesis work	M.Tech	81
2	Staff thesis	Ph.D	1
3	Research Papers	Faculty and Staff	23
Total			**105**

2022-2023

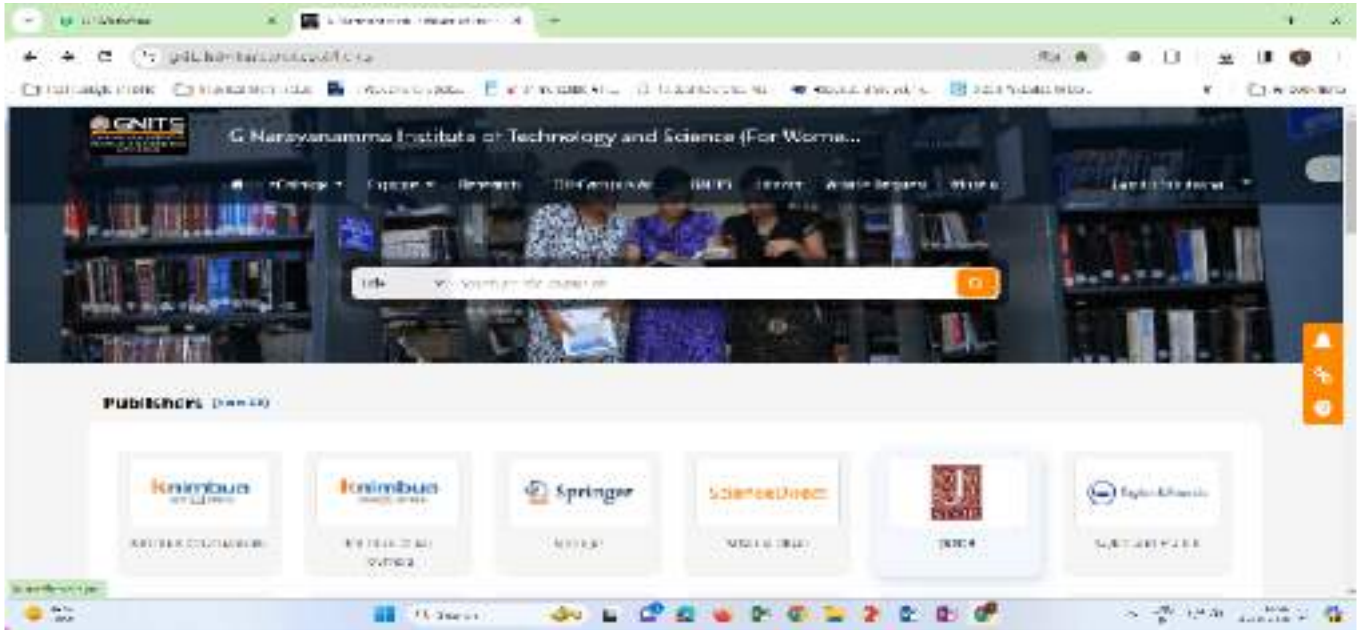
S. No.	**Nature of Work**	**Program/Purpose**	**No. of checks conducted**
1	Final Year project reports	B.Tech	13
2	Thesis work	M.Tech	65
3	Staff thesis	Ph.D	2
4	International Conference papers	Conference	21
5	Research Papers	Faculty and Staff	51
6	Patent	Faculty	1
7	SERB Projects	Faculty	1
Total			**154**

2023-24

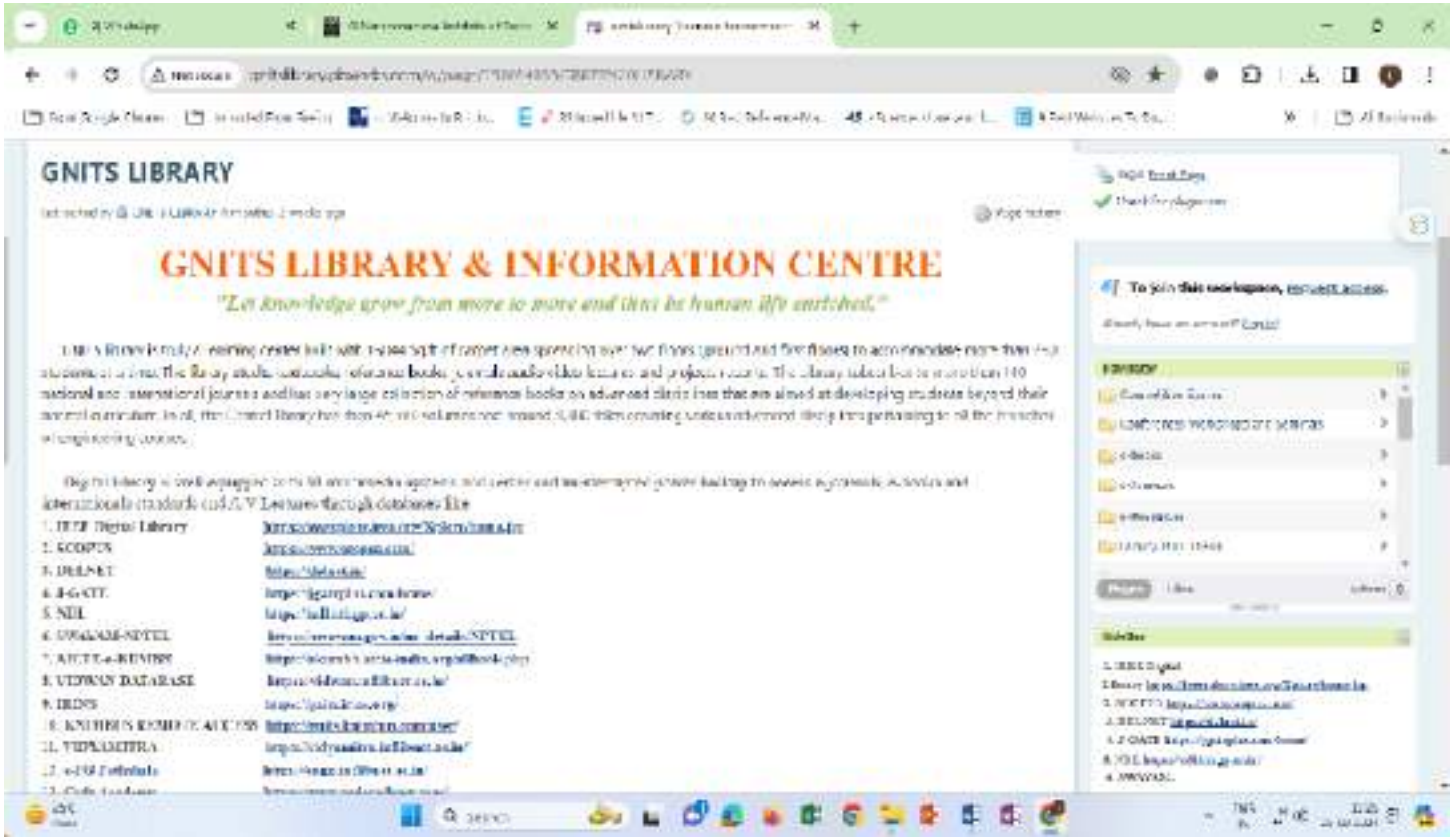
S. No.	**Nature of Work**	**Program/Purpose**	**No.of checks conducted**
1	Final Year project reports	B.Tech	12
2	Thesis work	M.Tech	60
3	International Conference papers	Conference	2
4	Research Papers	Faculty and Staff	17
5	SERB Projects	Faculty	5
Total			**96**

Library has introduced an online e-Library with the help of “KNIMBUS” platform. This can reach to the Students & Staff through the

- URL: https://gnits.knimbus.com/user#/home (https://gnits.knimbus.com/user#/home)


GNITS
G Narayanamma Institute of Technology and Science (For Wome...
Publishers
Knimbus
Knimbus
Springer
ScienceDirect
Taylor & Francis

- All the students and staff has joined as members to utilize the online Library.
- The online-library contains e-journals subscribed by the institute; Syllabus based e-books, Old question papers, Lecture notes and ATAL-FDP video lectures.
- All the members who registered Online-Library can access all the materials through remote access. The library staff has conducted online training classes through Google meet and Microsoft Teams.
- Apart from the above staff & students are utilizing National Digital Library, N-, DELNET.
- Library on web(http://gnitslibrary.pbworks.com/ (http://gnitslibrary.pbworks.com/))



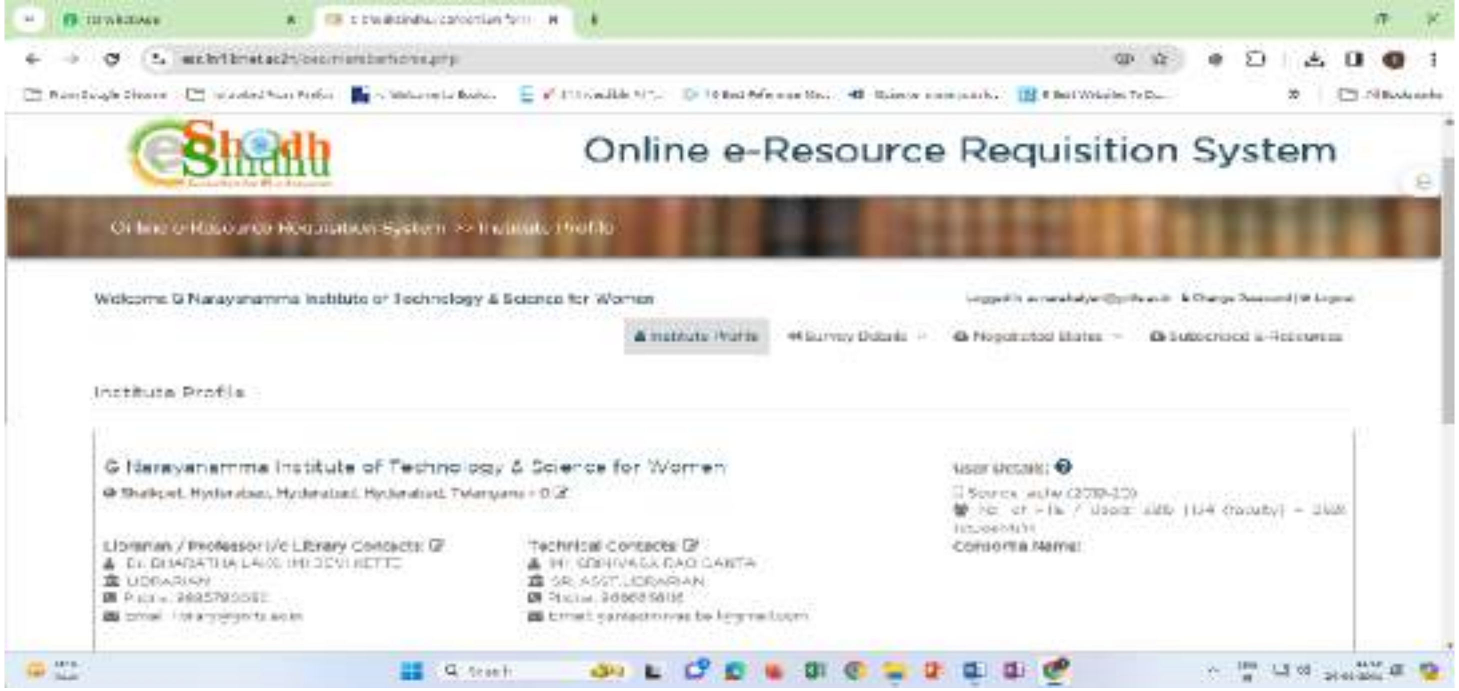
GNITS LIBRARY

GNITS LIBRARY & INFORMATION CENTRE

"Let knowledge grow from more to more and thus be human life enriched."

1. IEEE Digital Library
2. SCOPUS
3. DELNET
4. J-GATE
5. NDL
6. SWAYAM-NPTEL
7. AICTE-e-KUMBH
8. VIDWAN DATABASE
9. IRINS
10. KNIMBUS REMOTE ACCESS
11. VIDYAMITRA
12. e-PG Pathshala

e-Shodhsindhu Membership



e-ShodhSindhu

Online e-Resource Requisition System

Online e-Resource Requisition System >> Institute Profile

Welcome G Narayanamma Institute of Technology & Science for Women

Institute Profile
Survey Details
Negotiated Rates
Subscribed e-Resources

Institute Profile

G Narayanamma Institute of Technology & Science for Women

Shaikpet, Hyderabad, Hyderabad, Hyderabad, Telangana

Librarian / Professor I/c Library Contacts:

LIBRARIAN

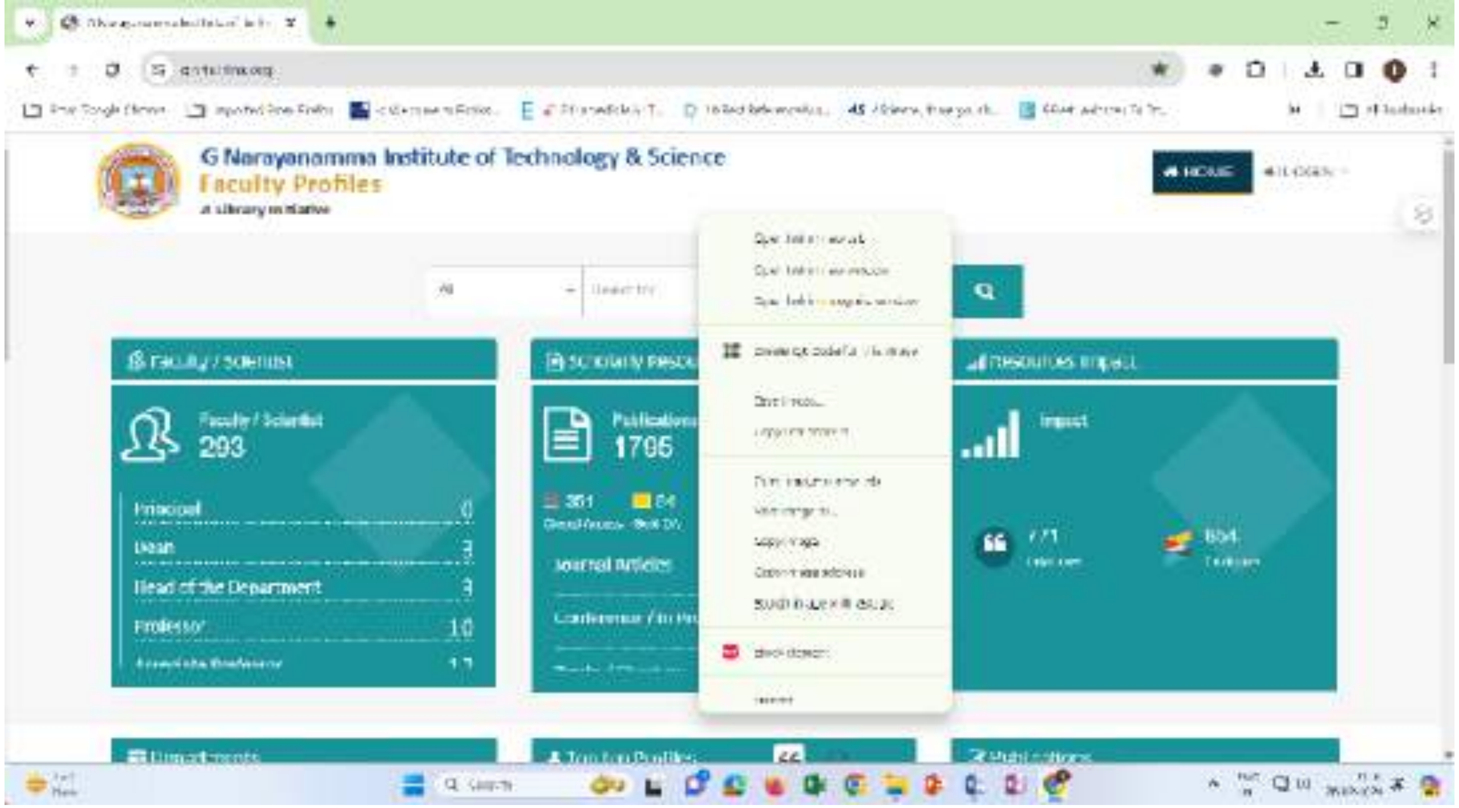
Technical Contacts:

SR. ASST. LIBRARIAN

User Details:

Consortia Name:

GNITS on IRINS (Indian Research Information Network System)


G Narayanamma Institute of Technology & Science
Faculty Profiles
HOME
All
Faculty / Scientist
Faculty / Scientist
293
Principal 0
Dean 3
Head of the Department 3
Professor 10
Publications
1705
351
64
Journal Articles
Conference / In Pro
Resources Impact
Impact
771
864
Departments
Top 10 Profiles
Publications

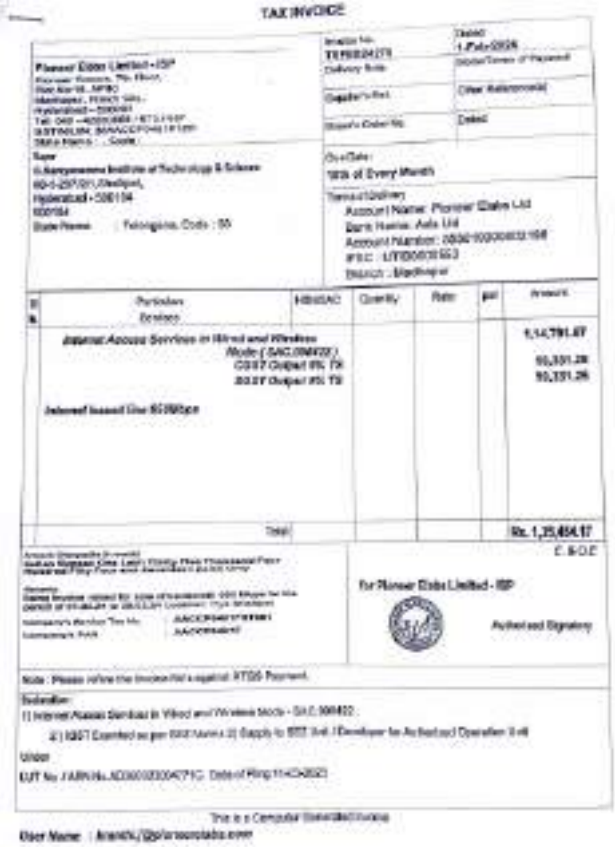
10.4.2 Internet (10)

Institute Marks : 10.00

10.4.2 Internet

Name of the Internet Provider:

M/s Pioneer E-Labs Limited, Hyderabad. GNITS is availing Internet Services from Class A Internet Service Provider (ISP) certified by Department of Telecom (DoT) India. Institute has 10G Fiber Module with Firewall.



TAX INVOICE

10th of Every Month

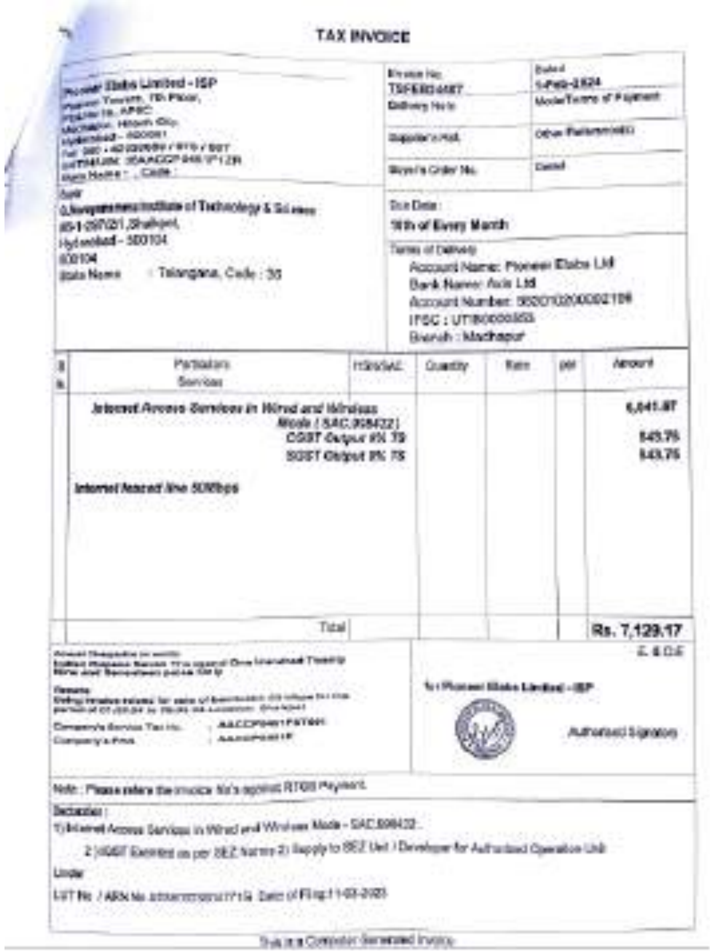
Particulars	HSN/SAC	Quantity	Rate	per	Amount
Internet Access Services in Wired and Wireless Mode (SAC 998422)					1,14,791.67
CGST Output 9% TS					10,331.25
SGST Output 9% TS					10,331.25
Total					Rs. 1,35,454.17

E. & O.E

for Pioneer Elabs Limited - ISP

Authorised Signatory

This is a Computer Generated Invoice



TAX INVOICE

Pioneer Elabs Limited - ISP
[illegible]
Hyderabad - 500081
[illegible]
State Name : , Code :

Invoice No.: TSFEB24487
Dated: 1-Feb-2024
Delivery Note
Mode/Terms of Payment
Supplier's Ref.
Other Reference(s)
Buyer's Order No.
Dated

Buyer
G.Narayanamma Institute of Technology & Science
8-1-297/2/1, Shaikpet,
Hyderabad - 500104
500104
State Name : Telangana, Code : 36

Due Date :
15th of Every Month

Terms of Delivery
Account Name: Pioneer Elabs Ltd
Bank Name: Axis Ltd
Account Number: [illegible]
IFSC : [illegible]
Branch : Madhapur

Sl No.	Particulars Services	HSN/SAC	Quantity	Rate	per	Amount
	Internet Access Services in Wired and Wireless Mode (SAC 998422)					6,041.67
	CGST Output 9% TS					543.75
	SGST Output 9% TS					543.75
	Internet leased line 500Mbps					
	Total					Rs. 7,129.17

E. & O.E

Amount Chargeable (in words)
[illegible]

Remarks
[illegible]

Company's Service Tax No. : [illegible]
Company's PAN : [illegible]

for Pioneer Elabs Limited - ISP

Authorised Signatory

Note : Please refer the invoice No's against RTGS Payment.

Declaration :
1) Internet Access Services in Wired and Wireless Mode - SAC 998422.
2) IGST Exempted as per SEZ Norms 2) Supply to SEZ Unit / Developer for Authorised Operation Unit
Under
LUT No. / ARN No. [illegible] Date of Filing [illegible]

This is a Computer Generated Invoice

B.Available bandwidth: (4)

1000 Mbps 1:1 Leased Line

Campus Network Control Center (CNCC) organizes the distribution of bandwidth and speed depending on the requirements. The bandwidth facility is improved from 500 Mbps to 1000 Gbps in the assessment period.

C.Wi Fi availability: (2)

Wi Fi facility is available throughout the campus. CISCO Controller and 115 Wi-Fi Access points are arranged throughout the corridors, labs, open spaces, outdoors, and All Hostel.

D.Internet access in laboratories, classrooms, library, and offices of all Departments (2)

Internet is accessible in all the laboratories, classrooms, library, and offices of all departments and in the college hostel. All computers in the campus are on the intranet and with internet facility. All the Staff members are provided with wired internet facility at Staff cabins. The entire campus is Wi-fi enabled.

E.Security mechanism (2)

Security arrangements: Using firewall protection by SOPHOS Firewall.

Sophos XG Firewall provides comprehensive next-generation firewall protection that exposes hidden risks, blocks unknown threats, and automatically responds to incidents.

Expose Hidden Risks; Superior visibility into risky activity, suspicious traffic, and advanced threats help you regain control of your networks.

Stop Unknown Threats: Powerful next-gen protection technologies like deep learning and intrusion prevention keep your organization secure.

Isolate Infected Systems: Automatic threat response instantly identifies and isolates compromised systems on your network to stop threats from spreading.

Annexure I

(A) PROGRAM OUTCOME (POs)

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

Program should specify 2-4 program specific outcomes.

PSO1	The ability to develop software projects using standard practices and suitable programming environment.
PSO2	To apply computer science knowledge in exploring and adopting latest technologies in different co-curricular activities.

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute
Name : DR.K.RAMESH REDDY
Designation : PRINCIPAL
Signature :

Seal of The Institution :

Place : HYDERABAD
Date : 28-03-2024 17:41:20