

IETE Student Chapter Report for Academic Year 2023-24



IETE Student Chapter



Faculty Coordinator: Mr. Y.Rakesh Kumar, Asst. Professor, ECE

Faculty Advisors: Mr.V.Radha Krishna, Asst. Professor, ECE & Dr. A Naveena Asst. Professor, ETE

The events under IETE student chapter are organized in every semester with the objective to provide platform for the students to exhibit their talent with a competitive spirit. The new Executive body members were elected by convenor, HOD ECE are Vice President (**G.Krishna Haneesha, ECE 4/4**), Secretary (**M.Akhila, ETE, N.Pallavi, ECE**), Treasurer (**S. Prathima Reddy, ECE**) and a team of 29 members (including ETE Branch)

Dr. K. Ragini, Prof.&HOD and Faculty Advisors **Mr.Y. Rakesh Kumar, Mr.V.Radha Krishna & Dr. A Naveena** decided the events based on the present day requirements and requests from students for the academic year 2023-2024. Following are the details and reports of the events conducted.

1. organised the **MOCK INTERVIEW** for 4th years on **July 15th,2023** from 11:00pm to 2:00pm. A total of **40** students of ECE & ETE have participated in the mock interview and 6 panels were formed with 12 alumnae working in different companies were invited to take mock interviews in ECE and F block, GNITS.



Fig 1. Convenor HOD, ECE, Dean alumni, IETE faculty advisors, alumini faculty coordinator, Alumni Students and final year students group photo of the event Mock interview on 15/7/2023.

2. The IETE Student Forum (ISF) unit at GNITS hosted a seminar titled "Current Trends in Verifying Complex Chips" on 19/8/2023 from 11:30 am to 1:00 pm in Main seminar hall, GNITS by speaker Shri V. Pratyusha, Lead ASIC Verification Engineer at Moschip Semiconductors.

The seminar covered a range of topics, including VLSI (Very Large-Scale Integration), both the front end and back end aspects of chip design, and the Verilog language. The speaker shared invaluable guidance on charting a successful path in the VLSI domain, highlighting the diverse roles available, the requisite skill sets, and the evolving trends within the industry. This event attracted a total of 156 participants, primarily comprising 3rd and 4th-year students and 7 faculties from the ECE and ETE. During the session, Dr.K.Ragini, Head of the Department, along with faculty members and students, engaged in a fruitful discussion with the speaker.



Fig 2. President, Faculty advisors, coordinators, resource person and participants group photo.

- The IETE Student Forum (ISF) unit at GNITS hosted a seminar titled "**Innovate using Emerging Technologies**" on 22/8/2023 from 10:30 am to 11:30 pm in Main seminar hall, GNITS by speaker by Mr. Ramana Reddy A, senior Engineer, Mathwork is conducted for faculty and students of ECE, EEE,ETE, Under the banner of IETE-ISF, GNITS Coordinated by M.Madhuri Latha, Asst.Prof. ECE, GNITS and other coordinators Y Rakesh Kumar, V. Purna chandra Reddy Asst.prof, ECW, GNITS with the support of Dr. K Ragini, Prof &HOD,ECE and Dr. Renuka Devi S M, Prof., Incharge HOD, ECE. The total no of students participated are 101 students and 32 faculties have participated.



Fig 3. Resource person, Dean alumina, Incharge HOD and Faculty participants group photo.



Fig 4. Faculty advisors, Coordinators, Resource person and participants group photo.

- The IETE Student Forum (ISF) unit at GNITS has organised an event titled " Tech-Eco Ganesha: Crafting an Electronic Deity " on 15/09/2023 from 2:30 pm to 4:00 pm. A total of 12 teams of ECE and ETE Departments have participated and created innovative electronic idols of Lord Ganesha using sustainable materials and electronic component



Fig 5. Faculty advisors, coordinators and participants group photo of Tech-Eco Ganesha event.

- The IETE Student Forum(ISF), GNITS has organized the event "Technical Quiz" on 06/10/2023, from 2:45pm to 3:45pm. Students of 3rd & 4th year from ECE & ETE departments attended the technical quiz. A total of 71 students have participated in the quiz.



Fig 6. Faculty advisor and Coordinators group photo.

- The IETE Student Forum(ISF) unit of GNITS has organised the Seminar on “**Campus to Coorparate Journey**” for 2nd years on **October 11th, 2023** from 3:00pm to 4:00pm in which C.Yuktesh , Director–Academic Initiative,SmartBridge, He has detailed the process for students to develop skills and handle projects. He discussed about various

skills which are helpful in future career. This session was very useful for the students to gain knowledge. Dr.K.Ragini, HOD ,faculty ,and students interacted with the speaker.

A total of **60** students of ECE & ETE have participated in the seminar.



Fig 7. President, Faculty advisors, coordinators, resource persons and participants group photo.

7. IETE student forum, GNITS is fortunate to host a seminar on "Navigating Your Future: Career Opportunities After B.Tech" on 18/10/2023 presented by S. Mani Mohan Trinath, an experienced trainer in competitive exams like Gate and ESE, senior faculty at ACE Engineering Academy. During the session faculty members and students, engaged in a fruitful discussion with the speaker. A total of **75** students have attended the session.

The speaker gave guidance on career opportunities after B.Tech for Electronic students such as: appearing for Central government exams(ESE) and State government exams(TRANSCO,GENCO etc) through GATE, CSIR and UGC NET. The speaker also provided valuable insights into the job market and shared tips to plan a career and achieve goals.



Fig 8. Faculty advisor, Resource persons and Coordinators group photo.

8. The IETE Student Forum conducted a “**Mini project expo**” on **04-11-2023(Saturday)** from **1:00 pm** to **3:30 pm** for final year ECE & ETE students. A total of **124** students of ECE & ETE have participated in major project expo.



Fig 9: Group photo of faculty and students with their mini projects.

9. IETE student forum, GNITS is fortunate to host a seminar on " One-Day Workshop on Drone Technology in Architecture Education “ on 04/11/2023 presented by Madhu Nallan Chakravarthy, Regional Head, Construction Skill Development Council of India, and Sumit Krishnan who is currently working as a DGCA-Certified Remotely Piloted Aircraft Instructor at India Drone Academy, Hyderabad, an experienced trainer in Drones .During the session faculty members and students, engaged in a fruitful discussion with the speaker. A total of 50 students have attended the session.



Fig 10. Faculty advisors, Resource persons, Coordinators and Participants group photo.

10. The IETE Student Forum organized an enlightening seminar on "AI for Engineering Applications" on 22/11/2023, from 10:00 am to 11:30 am. The seminar aimed to provide students and faculty with valuable insights into the applications of Artificial Intelligence in the field of engineering. Speaker Dr. Monalisa Pal, a distinguished Senior Education Engineer from Mathworks, Kolkata. Coordinated by Y Rakesh Kumar, ECE, GNITS and Faculty advisers Dr.A.Naveena and Mr. V. Radhakrishna with the support of Dr. K Ragini, Prof &HOD. The total no of students participated are 48 students and 5 faculties have participated.



Fig 11. Participants are listening to Resource person.



Fig 12. Faculty advisors, Coordinators, Resource person and participants group photo.

11. The IETE Student Forum has organized an “Industrial Visit to Kwality Photonics” in Kushaiguda, Secunderabad on 13/12/2023 and 20/12/2023 for ECE. The total number of students participated are 106 on 13/11/2023 with 2 faculty Dr. B. Pavani and V. Radhakrishna sir and 63 on 20/11/2023 with faculty Y Rakesh Kumar.



Fig. 13. LED Products design machinery in Kwality Photonics Industry

12. A “Industrial Visit” to “SDSC-SHAR(ISRO)” was organized on 14/03/2024 for final and 2nd year students of ECE & ETE. The objective of the visit was to provide a technical exposure to the students about Space Technology. The visit gave great exposure to the students about the future career prospects and areas of research in applied sciences. The event was successful to attract as many as participants of 87 members including 3 faculty Y Rakesh Kumar, G Krishna Kishore and Dr. C. Padmaja. The resource person effectively conveyed information on satellite launching using Rockets and showed the launching pads.

We had chance to see the visuals of launching satellites. The feedback from students is collected during the visit, highlighting the impact and insights gained from the industrial visit.



Fig 14. Group photo of faculty coordinator Y. Rakesh Kumar, G Krishna Kishore and Dr. C padmaja and students visit **SDSC-SHAR(ISRO)** on 14/03/2024.

13. The IETE Student Forum conducted a “**Major project expo**” on **18-04-2024** from **10:00 am** to **3:00 pm** for final year ECE students in ECE Department. A total of **40** students of ECE & ETE have participated in major project expo. Thanks to judges for giving their valuable time and evaluating the project presented by final year students in different domain. Best five from each section are selected by internal judges, then External examiner (scientist) from DRDO organisation invited to evaluate the teams selected in first round then finally 3 teams are selected.



Fig 15. IETE President, Faculty advisors, external examiner and participants group photo

14. The IETE Student Forum (ISF) unit, ECE, ETE departments of GNITS has organized an **Industrial visit** to “**NRSC- Jeedimetla**” on 22/04/2024 from 10:00AM to 3:00PM in coordination with Mr. V.V. Ganesh. A total of 90 students including 5 student

coordinators of 3rd year ECE, EEE and ETE Dept accompanied by 1 faculty coordinator of EEE Dept and 1 faculty coordinator of ETE Dept had visited the NRSC.

The Speaker Mr. R. Srinivas, Scientist-SF gave a demo about the establishment of the NRSC and National Remote Sensing Centre's (NRC) facilities, focusing particularly on launch vehicles and their pivotal role in space programs and also shown the satellite models.



Fig 16. Students and Faculty coordinators at NRSC

15. Finally, the Department of **Electronics and Communication Engineering (ECE)** recently hosted its valedictory function - on **19/04/24**. This event graced with the presence of **Prof. Nuli Namassivaya Chairman, IETE, Hyderabad** for the celebration of the technical and non-technical achievements of the **IETE -SF**.



Fig. 8: IETE student coordinator, Faculty Coordinator, Dr.B.Venkateshulu, dean Alumni, Dr. K Ragini, HOD, Dr. K Ramesh Reddy, Principal with chief guest Prof. Nuli Namassivaya Chairman, IETE, Hyderabad at valedictory.