



ONLINE PROFESSIONAL DEVELOPMENT PROGRAMME (PDP) On



**Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified
(Intellectual Calibres) Learners in Technical Education**
(22nd August – 01st September 2022)

Organized by
E & ICT Academy, National Institute of Technology, Warangal.
in association with

**G. Narayanamma Institute of Technology and Science (for Women) Shaikpet,
Hyderabad.**

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the Professional Development Program:

Higher education institutions (HEI) are to be transformed into large, well resourced, vibrant multidisciplinary institutions providing high quality teaching, research, and community engagement. Pedagogy in higher education has undergone revolutionary changes in the past few decades. Traditional methods of lecturing have become obsolete in today's scenario where Outcomes Based Education and Student Centered Teaching has become order of the day. Further, emergence of a plethora of ICT tools and their usage in Teaching-Learning Process has been redefining the role of a teacher from a mere provider of information to a facilitator of learning.

Major Course Contents:

- Importance of Pedagogical Techniques for diversified Learners
- Learner Centric Teaching Vs Teacher Centric Teaching
- Challenges in contemporary Teaching Learning methodologies
- Open Educational Resources - OERs
- Teaching for effective learning of diversified class – Flipped Class Room/ Blended Learning
- Usage of Technology for Pedagogy and Enhanced Student's learning - Animation, Digital Tools, Moodle, Google Class Room with Hands on Experience
- Seven Habits of highly Effective Teachers
- Role of the Teacher in Online Education
- Online Teaching – Challenges and Opportunities
- Implementation of Pedagogical Skills and its impact
- Rubrics for Assessment in Project work, Laboratory and Seminars

Faculty conducting this programme:

The programme will be conducted in online mode by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs/ Central Universities etc are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

The fee is to be paid through online transfer using the following details:

Online Transfer Details
Account Name : Electronics & ICT Academy NITW
Account No : 62423775910
IFSC : SBIN0020149
Bank and Branch: State Bank of India, NIT(REC) Warangal

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<http://surl.li/ceqis>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the online transferred amount will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & Online Transfer Details)	16 th August, 2022
Selection List by E- mail	19 th August, 2022
Duration	22 nd August – 01 st September 2022

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About GNITS:

G. Narayanamma Institute of Technology & Science, a leading Engineering college in Hyderabad for Women, was funded by late Sr. 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 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.

G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



APPLICATION FORM

Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified
(Intellectual calibers) Learners in Technical Education
(22nd August - 01st September 2022)

Organized by

E & ICT Academy, National Institute of Technology, Warangal.

in association with

**G. Narayanamma Institute of Technology and Science (for Women) Shaikpet,
Hyderabad.**

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
- 6.

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the PDP on "Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified (Intellectual calibers) Learners in Technical Education", sponsored by Electronics & ICT Academy during 22nd August - 01st September 2022.

Online Transfer Details:
Reference No:
Amount:
Bank :
Date:

Signature of Head of Institution
(with seal)

Address for correspondence

Post your application to

*Dr. K. Ragini, Professor
Dept. of ECE,
G. Narayanamma Institute of Technology and
Science (for Women) Shaikpet, Hyderabad - 104*

*Email: eictpdp2022@gmail.com
E-mail the scanned copies of filled-in and duly
signed application form along with Online
Transfer Details to eictpdp2022@gmail.com*

*It is requested to all the delegates, after completion
of application form, all the payment details,
screenshot of the payment and scanned application
form has to be uploaded in the following online
registration link.*

Registration Link: <http://surl.li/ceqjs>

*For more details about Electronics & ICT
Academy, NIT, Warangal, please visit:
<https://nitw.ac.in/eict>*

For more enquiries please contact:

**Mobile: Dr.K.Ragini-9849627161
Dr.K.Syamala-9440384987**

7. Address for Correspondence:
8. Educational Qualification:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years):
Teaching: Research: Industry:
12. Do you belong to SC ST

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the PDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant:

Coordinators

Dr. D. V. S. S. Siva Sarma

**Professor,
Dept. EEE
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL - 506 004 (Telangana State)**

**Dr. K. Ragini,
Professor
Dept. of ECE,
G. Narayanamma Institute of Technology and Sciences for Women,
Shaikpet, Hyderabad -104 (Telangana State)**

**Principal,
G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104**

Online Professional Development Programme on

"Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified Learners in Technical Education"

22nd August – 01st September 2022

Programme Schedule

Date/Day	Forenoon	Afternoon
22/08/2022 Monday	<p>Timings: 10 AM-12 PM Topic: Role of Teacher in Online Education Resource Person: Prof.D.V.L.N.Somayajulu, Director, IITDM Kurnool Inaugural (10 AM – 10:30 AM) followed by Session -1 (10:30 – 12:00 PM) Session In charge: Dr. K. Syamala Devi</p>	<p>Timings: 02 PM-04 PM Topic: Usage of Technology for Pedagogy and Enhanced Student's learning - Animation, Digital Tools , Moodle, Google Class Room with Hands on Experience Resource Person: Dr.J. Lokanandha Reddy, HCU(irala@uohyd.ac.in) Session In charge: Mrs. M. Lakshmi</p>
23/08/2022 Tuesday	<p>Timings: 10 AM- 12 PM Topic: Building the Competencies of Teachers in Blended Teaching & Learning Environment : A Step by Step Practical Approach Resource Person: Prof.K.Srinivas, NIEPA, Delhi (ksrinivas@niepa.ac.in) Session In charge: Mrs. M. Lakshmi</p>	<p>Timings: 02 PM- 04 PM Topic: Adopting Learner Centric Approach in Teaching & Learning & Developing Interactive Video Content for Learner Centric Teaching Resource Person: : Prof.K.Srinivas, NIEPA, Delhi</p>
24/08/2022 Wednesday	<p>Timings: 10 AM-12 PM Topic: Open Educational Resources - OERs Resource Person: Dr. Murugan Pattusamy, HCU (pmmba@uohyd.ac.in) Session In charge: Mrs. M. Lakshmi</p>	<p>Session In charge: : Dr. M. MadhaviLatha Timings: 02 PM- 04 PM Topic: Teaching for effective learning of diversified class – Flipped Class Room/ Blended Learning Resource Person: Dr. B. Raja Sekhar, HCU (brmsuh@gmail.com) Session In charge: Mrs. D. Naga Swetha</p>
25/08/2022 Thursday	<p>Timings: 10 AM-12 PM Topic: Learner Centric Teaching Vs Teacher Centric Teaching Resource Person: Dr. Murugan Pattusamy, HCU Session In charge: Mrs. M. Lakshmi</p>	<p>Timings: 02 PM-04 PM Topic: Seven Habits of Highly Effective Teachers Resource Person: Prof.D.V.S.S.Siva Sarma, NITW (dvss@nitw.ac.in) Session In charge: Mrs. D. Naga Swetha</p>
26/08/2022 Friday	<p>Timings: 10 AM-12 PM Topic: Active Learning Strategies for enhanced Learning Resource Person: Prof B.V.Appa Rao, Retired Prof, NITW (bva.nitw@gmail.com) Session In charge: Mrs. Y. Priyanka</p>	<p>Timings: 02 PM- 04 PM Topic: Outcome based Curriculum Design Resource Person: Dr.S.K.Mandal, IIT Kharagpur (sdasmandal@cet.iitkgp.ac.in) Session In charge: Mrs. Y. Priyanka Timings: 02 PM- 04 PM</p>

PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)

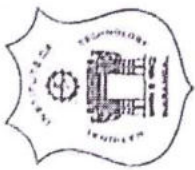
Shaikpet, Hyderabad - 500 104

Saturday	Topic: Assessment and Evaluation Resource Person: Dr.S.K.Mandal, IIT Kharagpur Session In charge: Mrs. Y. Priyanka	Topic: Good Teaching Attributes and Characteristics Resource Person: Dr.S.K.Mandal, IIT Kharagpur Session In charge: Mrs. T. Ammannamma
29/08/2022 Monday	Timings: 10 AM-12 PM Topic: Usage of Technology for Pedagogy and Enhanced Student's learning - Animation, Digital Tools , Moodle, Google Class Room with Hands on Experience Resource Person: Dr. I. Lokanandha Reddy, HCU	Timings: 02 PM- 04 PM Topic: Effective Teaching in Online Education Resource Person: Prof. N.V.Ramana Rao, Director, NITW Resource Person: Dr.B.Karthik, NITW (karthikb@nitw.ac.in) Session In charge: Mr. A. Chandra Shaker
30/08/2022 Tuesday	Session In charge: D. Naga Swetha Timings: 9AM-11 AM Topic: Experimentation with Design Thinking to impart higher Order Thinking Skills Resource Person: Dr.B.Karthik, NITW (karthikb@nitw.ac.in)	Timings: 02 PM- 04 PM Topic: Rubrics for Assessment in Project work, Laboratory and Seminars Resource Person: Dr.B.Karthik, NITW (karthikb@nitw.ac.in)
31/08/2022 Wednesday	Session In charge: Mr. A. Chandra Shaker HOLIDAY	Session In charge: Dr. M. Madhavilatha HOLIDAY
01/09/2022 Thursday	Timings: 10 AM-12 PM followed by TEST Topic: Designing for Assessment and Evaluation for Outcome Based Technical Education Resource Person: Prof.IAK Reddy, Retired Prof. NITW Session In charge: Dr. K. Syamala Devi	Timings: 02 PM- 04 PM Topic: Digital tools for effective teaching in Synchronous/Asynchronous Mode Resource Person: Prof.D.V.S.S.Siva Sarma, NITW Session In charge: Dr. M. MadhaviLatha

Note: There will be a test on last day of the PDP on the topics covered during the course



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA



and

G. Narayanamma Institute of Technology & Science (for Women) (Autonomous), Shaikpet, Hyderabad

Participation Certificate

This is to certify that **P. Satyanarayana Goud**, Assistant Professor
 from **G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE**
 has participated in a 40-hour Online Faculty Development Programme on "Mentoring Pedagogy and
 Techniques for Enriched Learning Experience to Diversified (Intellectual calibres) Learners
 in Technical Education" Sponsored by Ministry of Electronics and Information Technology (MeitY) GoI,
 organised by E&ICT Academy, NIT Warangal and G. Narayanamma Institute of Technology & Science (for Women)
 (Autonomous), Shaikpet, Hyderabad during 22nd August - 1st September, 2022.

She / He has successfully completed all the requirements for the completion of the programme.

K. Rajini
Dr. K. Rajini
 Coordinator
 G. Narayanamma Institute of
 Technology & Science (for
 Women),
 Shaikpet, Hyderabad

Dr. K. Ramesh Reddy
Dr. K. Ramesh Reddy
 Principal
 GNITS, Hyderabad

Dr. D.V.S.S. Siva Sarma
Dr.D.V.S.S.Siva Sarma
 Coordinator
 NIT, Warangal

Prof. R.B.V. Subramaanyam
Prof. R.B.V. Subramaanyam
 Chief Investigator
 E&ICT Academy, NIT, Warangal

Prof. N.V. Ramana Rao
Prof. N.V. Ramana Rao
 Director
 NIT, Warangal



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104

Department: Electronics and Communication Engineering

2022-2023

REPORT

**FDP on “Mentoring Pedagogy and Techniques for Enriched Learning Experience to
(Intellectual calibres) Learners in Technical Education”**

Date of program: 22.08.2022-01.09.2022

Resource person: Retired Prof. B.V.Appa Rao, NIT Warangal, Retired Prof. IAK Reddy, NIT Warangal, Prof. D.V.L.N Somayajulu, Director, IITDM Kurnool, Prof. DVSS Siva Sarma, NIT Warangal, Dr. I.Lokanandha Reddy, Associate Professor, HCU, Prof. K.Srinivas, NIEPA, Delhi, Prof. B.Raja Sekhar, HCU, Dr. Murugan Pattuswamy, Assistant Professor, HCU, Dr. S.K.Mandal, Assistant Professor, IIT Kharagpur, Dr. B. Karthik, Associate Professor, NIT Warangal, Dr. N.V.Ramana Rao, Director, NIT Warangal.

About the Program: GNITS in association with E&ICT Academy, NIT Warangal has organized Mentoring Pedagogy and Techniques for Learning Experience to Diversified (Intellectual calibres) Learners in Technical Education is to acquaint the faculty with ICT tools and their usage in teaching-learning process and to redefine the role of the teacher from a mere information provider to a facilitator of learning. Eminent speakers from premier institutes gave valuable inputs on pedagogical techniques for diversified learners, learner-centric teaching, challenges in contemporary teaching-learning method open educational resources-OERS, teaching for effective learning of diversified class classroom blended learning, usage of technology for pedagogy and enhanced student's learning, the role of the teacher in online education, implementation of pedagogical skills and its impact, rubrics for assessment project work, laboratory using ICT tools and redefining their role as a teacher.

The overall experience of attending the workshop is quite helpful in a better understanding on Pedagogical skills and ICT tools.

Signature of the Faculty member

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.