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 vibe 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)	16th August, 2022
Selection List by E- mail	19th August, 2022
Duration	22nd August – 01st 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.
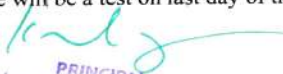
PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

Elecctronics & ICT Academy, NIT, Warangal in association with G.Narayanamma Institute of Technology and Science
(for Women),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	Timings:10 AM-12 PM **Topic:** : Role of Teacher in Online Education **Resource Person:** Prof.N.V.Ramana Rao, Director, NITW (director@nitw.ac.in) Inaugural (10 AM – 10:30 AM) followed by Session -1 (10:30 – 12:00 PM) Session In charge: : Dr. K. Syamala Devi	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. Lokanandha Reddy, HCU(irala@uohyd.ac.in) Session In charge: Mrs. M. Lakshmi
23/08/2022 Tuesday	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	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** Session In charge: : Dr. M. MadhaviLatha
24/08/2022 Wednesday	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	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 (brsmsuh@gmail.com) Session In charge: Mrs. D. Naga Swetha
25/08/2022 Thursday	Timings:10 AM-12 PM **Topic:** Learner Centric Teaching Vs Teacher Centric Teaching **Resource Person:** Dr. B. Raja Sekhar, HCU Session In charge: Mrs. Y. Priyanka	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
26/08/2022 Friday	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. T. Ammannamma	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

27/08/2022 Saturday	Timings:10 AM-12 PM Topic: Assessment and Evaluation Resource Person: Dr.S.K.Mandal, IIT Kharagpur	Timings: 02 PM- 04 PM Topic: Good Teaching Attributes and Characteristics Resource Person: Dr.S.K.Mandal, IIT Kharagpur
	Session In charge: Mrs. Y. Priyanka	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. Lokanandha Reddy, HCU	Timings: 02 PM- 04 PM Topic: Seven Habbits of highly Effective Learners Resource Person: Prof.D.V.S.S.Siva Sarma, NITW
	Session In charge: D. Naga Swetha	Session In charge: Mrs. T. Ammannamma
30/08/2022 Tuesday	Timings: 10 AM-12 PM Topic: Learner Engagement Strategies for Effective On-line and In-person Teaching Resource Person: Prof I A K Reddy, Retired Prof, NITW (iakreddy@yahoo.com)	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)
	Session In charge: Mr. A. Chandra Shaker	Session In charge: Dr. M. Madhavilatha
31/08/2022 Wednesday	Timings:10 AM-12 PM Topic: Rubrics for Assessment in Project work, Laboratory and Seminars/ Resource Person: Dr.B.Karthik, NITW	Timings: 02 PM- 04 PM Topic: Experimentation with Design Thinking to impart Higher Order Thinking Skills Resource Person: Dr.B.Karthik, NITW
	Session In charge: Mr. A. Chandra Shaker	Session In charge: Mr. A. Chandra Shaker
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	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. K. Syamala Devi	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
Technology & Science, (for women)
(AUT ONO 2)
Shaikpet, Hyderabad - 500 104

Report on

Elecctronics & ICT Academy, NIT, Warangal
in association with **G.Narayanamma Institute of Technology and Science**
(for Women),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

Date/Day	Forenoon Session TOPICS	Afternoon Session TOPICS
DAY-1 22/08/2022 Monday	Timings:10 AM-12 PM Topic: : Role of Teacher in Online Education	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
DAY-2 23/08/2022 Tuesday	Timings: 10 AM- 12 PM Topic: Building the Competencies of Teachers in Blended Teaching & Learning Environment : A Step by Step Practical Approach	Timings: 02 PM- 04 PM Topic: Adopting Learner Centric Approach in Teaching & Learning & Developing Interactive Video Content for Learner Centric Teaching
DAY-3 24/08/2022 Wednesday	Timings:10 AM-12 PM Topic: Open Educational Resources - OERs	Timings: 02 PM- 04 PM Topic: Teaching for effective learning of diversified class – Flipped Class Room/ Blended Learning
DAY-4 25/08/2022 Thursday	Timings:10 AM-12 PM Topic: Learner Centric Teaching Vs Teacher Centric Teaching	Timings: 02 PM-04 PM Topic: Seven Habits of Highly Effective Teachers
DAY-5 26/08/2022 Friday	Timings:10 AM-12 PM Topic: Active Learning Strategies for enhanced Learning	Timings: 02 PM- 04 PM Topic: Outcome based Curriculum Design
DAY-6 27/08/2022 Saturday	Timings:10 AM-12 PM Topic: Assessment and Evaluation	Timings: 02 PM- 04 PM Topic: Good Teaching Attributes and Characteristics
DAY-7 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	Timings: 02 PM- 04 PM Topic Effective Teaching in Online Education
DAY-8 30/08/2022 Tuesday	Timings: 10 AM-12 PM Topic: Learner Engagement Strategies for Effective On-line and In-person Teaching	Timings: 02 PM- 04 PM Topic: Rubrics for Assessment in Project work, Laboratory and Seminars
DAY-9 31/08/2022 Wednesday	Timings:10 AM-12 PM Topic: Rubrics for Assessment in Project work, Laboratory and Seminars/	Timings: 02 PM- 04 PM Topic: Experimentation with Design Thinking to impart Higher Order Thinking Skills
DAY-10 01/09/2022 Thursday	Timings:10 AM-12 PM followed by TEST Topic: Designing for Assessment and Evaluation for Outcome Based Technical Education	Timings: 02 PM- 04 PM Topic: Digital tools for effective teaching in Synchronous/Asynchronous Mode

C. Bhagyasree
Asst. prof