ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
ACADEMIC QUALITY ASSURANCE THROUGH OUTCOME BASED EDUCATION

(8th – 18th July, 2020)

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 Workshop:

Teachers in Engineering and Science disciplines in higher education usually join the teaching profession without any formal training in teaching methodology and learning psychology. Incidentally they develop teaching skills out of their own experiences or from experiences shared by colleagues in course of their teaching career. Most often, they are also influenced by the ways in which their teachers taught them. 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:

*   Class handling
*   Teaching/Learning Tools
*   Outcome Based Education
*   Pedagogy Tool Demo
*   Online Teaching/Learning – Role of teachers
*   Creating Learner centric environment
*   Features of Moodle/MOOCS
*   Active Learning Methods
*   Essence of effective teaching
*   OBE/NBA Guidelines
*   Linking of Bloom's Cognitive levels in Moodle LMS
*   Question setting
*   Learning Taxonomies
*   Digital Technologies

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 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. 3750/-

The fee is to be paid either in the form of DDs or online transfer using the following details:

DD Details	Online Transfer Details
Demand Draft in favor of "E & ICT Academy, NIT Warangal" payable at SBI NIT Warangal Branch	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by email to obegnits2020@gmail.com as selection will be intimated only through mail.

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 DD 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 & DD)	6th July, 2020
Selection List by E- mail	7th July, 2020
Duration	8th -18th July, 2020

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 woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

(5)

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

Shaikpet, Hyderabad – 500 104

Online Faculty Development Programme on

"Academic Quality Assurance through Outcome Based Education"

08th – 18th July 2020

Programme Schedule

Date/Day	Forenoon	Afternoon
08/07/2020 Wednesday	Timings:10 AM-12 PM Topic:OBE overview Resource Person: Prof T Ramesh, NITW Inaugural (10 AM – 10:20 AM) Session In charge: Dr. K.Syamala Devi	Timings: 02 PM- 04 PM Topic:OBE criteria Resource Person: Prof T Ramesh, NITW
09/07/2020 Thursday	Timings:10 AM-12 PM Topic:Introduction to e-Learning, Moodle LMS Resource Person: Prof N V S N Sarma, IIITT Session In charge: Mr. T.ChandraSekhar	Session In charge: Dr. M. MadhaviLatha Timings: 02 PM- 04 PM Topic:Managing the content in Moodle Resource Person: Dr K V Eswaramoorthy, IIITDMK
10/07/2020 Friday	Timings:10 AM-12 PM Topic:Pedagogy Principles (Bloom's Taxonomy) Resource Person: Dr S K Das Mandal, IITKGP Session In charge: Mrs. T.Aparna	Session In charge: Mrs. G.Swetha Timings: 02 PM- 04 PM Topic:Course Creation Management Resource Person: Dr K V Eswaramoorthy, IIITDMK
11/07/2020 Saturday	Timings:10 AM-12 PM Topic:Digital Initiatives of GoI	Session In charge: Mrs. Dhana Lakshmi Timings: 02 PM- 04 PM Topic:Building the competencies of Teachers for online

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

Date	Morning Session	Afternoon Session
	Resource Person: Prof K Srinivas, NIEPA	Teaching Resource Person: Prof K Srinivas, NIEPA
	Session In charge: Mrs. Lavanya	Session In charge: Mr. T.ChandraSekhar
12/07/2020 Sunday	Timings:10 AM-12 PM Topic:e-content development in Four Quadrant Approach Resource Person: Prof K Srinivas, NIEPA	Timings: 02 PM- 04 PM Topic:Learners' Engagement in Communication and Collaboration Resource Person: Prof K Srinivas, NIEPA
	Session In charge: Mrs. G.Swetha	Session In charge: Mrs. T.Aparna
13/07/2020 Monday	HOLIDAY	
14/07/2020 Tuesday	Timings:10 AM-12 PM Topic:Active Learning Methods Resource Person: Prof B V AppaRao, NITW	Timings: 02 PM- 04 PM Topic:Assessment Methods in Moodle Resource Person: Prof DVLN Somayajulu, IIITDMK
	Session In charge: Mrs.Dhana Lakshmi	Session In charge: Mrs. Lavanya
15/07/2020 Wednesday	Timings:10 AM-12 PM Topic:Digital Technologies – A Casestudy CodeTantra	Timings: 02 PM- 04 PM Topic:Creating Learner Centric environment Resource Person: Dr J Krishniah, IIITDMK
	Session In charge: Dr. K.Syamala Devi	Session In charge: Dr. M. MadhaviLatha
16/07/2020 Thursday	Timings:10 AM-12 PM Topic:Online Class Handling - tips and tools Resource Person: Prof A Venugopal, NITW	Timings: 02 PM- 04 PM Topic:Linking Bloom's Cognitive Levels in Moodle LMS Resource Person: Prof DVLN Somayajulu, IIITDMK
	Session In charge: Mr. T.ChandraSekhar	Session In charge: Mrs. G.Swetha
17/07/2020	Timings:10 AM-12 PM	Timings: 02 PM- 04 PM

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

Friday	Topic: Essence of Effective Teaching **Resource Person:** Prof J Ajit Kumar Reddy, NITW	Topic: Pedagogy Tool Demo **Resource Person:** Prof DVLN Somayajulu, IIITDMK
	Session In charge: Mrs. T.Aparna	
18/07/2020 Saturday	**Timings: 10 AM-12 PM** **Topic:** Digital Technologies with hands on **Resource Person:** Dr S Ravichandra, NITW/ Sanjaya Kumar Panda, NITW	**Session In charge: Mrs.Dhana Lakshmi** **Timings: 02 PM- 04 PM** **Topic:** Participants Demonstrations **Resource Person: Batch-1** Prof DVLN Somayajulu, IIITDMK / Batch-2 Prof RBV Subramanyam, NIT W
	Session In charge: Mrs. Lavanya	Valedictory **Session In charge: Dr. M. MadhaviLatha**

NOTE:

1. Respective Session Incharges should be available from 9:45 AM till the session ends, in the morning and from 1:45 PM till the session ends in the evening.
2. Take care of introduction of the speaker's/ resource persons, topic of the sessions, convey the doubts to the speakers if necessary, vote of thanks, other support if required from both participant's side and organizers side.
3. Please maintain the back up support from other session Incharges or Organizers during power fluctuations and any other interruptions.

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

Department: Electronics and Telematics Engineering

2020-21

REPORT

FDP on "Academic Quality Assurance Through Outcome Based Education"

Date of Program: 08-07-2020 to 18-07-2020

Resource Person:

1. Prof. N V S N Sarma, IIITT
2. Dr. K V Eswaramoorthy, IIITDMK
3. Dr. S K Das Mandal, IITKGP
4. Prof. K Srinivas, NIPEA
5. Prof. B V Appa Rao, NITW
6. Prof. DVLN Somayajulu, IIITDMK
7. Dr. J Krishniah, IIITDMK
8. Prof. A Venugopal, NITW
9. Prof. I Ajit Kumar Reddy, NITW

About the Program: I, A. Chandra Shaker, attended FDP on "Academic Quality Assurance Through Outcome Based Education" organized by G. Narayanamma Institute of Technology and Science, FDP Cell in association with E & ICT Academy, NIT Warangal from 08-07-2020 to 18-07-2020. The topics covered under this FDP are Outcome Based Education (OBE), OBE criteria, introduction to e-Learning, Moodle LMS, managing content in Moodle, pedagogy principles (Blooms Taxonomy), online teaching, e-content development in four quadrant approach, learners' engagement in communication and collaboration, active learning methods, assessment methods in Moodle, creating learner centric environment, online class handling tips and tools, linking Bloom's cognitive levels in Moodle LMS, essence of effective teaching, pedagogy tool demo and hands-on session on Moodle and Google classroom.

Signature of the Faculty Member

A. Chandra Shaker, Asst. Professor, ETE

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