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.

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(AUTONOMOUS)
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Shaikpet, Hyderabad – 500104

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 **ResourcePerson:** 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 **Session In charge: Dr. M. MadhaviLatha**
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**	**Timings**: 02 PM- 04 PM **Topic:**Managing the content in Moodle **Resource Person:** Dr K V Eswaramoorthy, IIITDMK **Session In charge: Mrs. G.Swetha**
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**	**Timings**: 02 PM- 04 PM **Topic:**Course Creation Management **Resource Person:** Dr K V Eswaramoorthy, IIITDMK **Session In charge: Mrs. Dhana Lakshmi**
11/07/2020 Saturday	**Timings**:10 AM-12 PM **Topic:**Digital Initiatives of GoI	**Timings:** 02 PM- 04 PM

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		Resource Person: Prof K Srinivas, NIEPA	Topic:Building the competencies of Teachers for online 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 – 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

REPORT

Workshop attended on Academic Quality Assurance through Outcome Based Education from 8th July to 18th July 2020 at GNITS, Hyderabad.

Day 1 (8-7-2020): Outcome Based Education (OBE), NBA Criteria for Accreditation, mapping of PEOs-Pos-PSOs-Cos, Direct and indirect Assesment methods, Briefing on Academic audit.

Day 2 (9-7-2020): Types of e-learning its advantages and challenges

Day 3 (10-7-2020): To create Gnomio Moodle site-updating profile, front page setting, adding courses and adding users.

Day 4 (11-7-2020): NBA accreditation parameters, outcome based learning, online teaching components- GoI eResources-OER, Four quadrant approach-video lectures, etext assesment and creating discussion forum

Day 5 (12-7-2020): Usage of Screencastify, presentation tube to create our own video resources, Adding video and text resources into Moodle site.

Day 6 (14-7-2020): Teacher-centered and student-centered pardigms, Active learning strategies, Learning by doing,learning through discussion ,smartboard etc.,

Day 7 (15-7-2020): Upload/Add Quiz questions in moodle, conduct, evaluate and generate grade report.Use categories for linking Bloom's levels and pedalogy tool for developing a course.

Day 8 (16-7-2020): How to engage class in learning process by using activities like 1 minute paper, case study, peer discussion.

Day 9 (17-7-2020): Techniques tobe followed in handling class.

Day 10 (18-7-2020): Usage of Codetantra and Google classroom.

The workshop was online jointly organized by Electronics & ICT Academics, NIT Warangal in association with GNITS, Hyderabad through Codetantra.

Participant Name:
Mrs. Nandadevi D.R