FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
System Design Aspects in IoT
(26th June–2nd July, 2018)
Organized by
Electronics & Communication Engineering Department
JNTUH College of Engineering Hyderabad (AUTONOMOUS)
Sponsored by
Electronics & ICT Academy
National Institute of Technology Warangal
(An initiative of Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:

"Electronics & ICT Academy" is set up at National Institute of Technology, Warangal with financial assistance from MeitY, Govt. of India (GOI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa states and Puducherry, and Andaman & Nicobar Islands UTs. This role of the academy 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.

JNTUH College of Engineering Hyderabad (AUTONOMOUS) agreed to host this Faculty Development Programme (FDP) on **System Design Aspects in IoT** in its campus by bringing and caring the participants to this programme and also giving away its infrastructure to organize FDP with active involvement of its faculty of ECE department.

Broad Topics to be covered in FDP:

- IoT SoC architectures ; IoT System design challenges
- IoT Network architecture and design
- Energy harvesting ; On-chip sensor circuits
- Integration with cloud computing
- Design and implementation of IoT signal processing systems
- IoT edge intelligence (smart sensors)
- IoT communications & networking
- Security and privacy of IoT
- Low power signal processing for embedded IoT devices
- IoT in Industry

Resource Persons:
E&ICT Academy takes the responsibility of organizing lectures by academicians from reputed institutes in India.

Eligibility:
The programme is open to the teachers of Engineering Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Puducherry, Andaman and Nicobar Islands and UTs. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee for participants:
a.	From the above mentioned states:
	Faculty members and Research Scholars: **Rs. 2500/-**
	Faculty belong to SC/ST category : **Rs. 1250/-**
b.	Industry Participants : **Rs. 7500/-** only
c.	Faculty/Research Scholars from the states other than mentioned above: **Rs. 8500/-** only

The participants need to send a crossed demand draft (DD) drawn in favor of "**Director, NIT Warangal**" and payable at any nationalized bank at Telangana State or remit the necessary course fee in the Bank as per the details given below.

Account Name	Electronics & ICT Academy NITW
Account Number	62423775910
Name	State Bank of Hyderabad
Branch	REC Warangal (NIT Campus)

Branch Code	20149
IFSC	SBHY0020149
MICR	50600401

Accommodation:
Accommodation, Dinner will be provided to outstation participants by JNTUH College of Engineering on prior request. Working Lunch, Tea & Snacks will be provided during FDP by host institute to all the participants.

How to Apply:
A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with DD/NEFT Receipt) should reach the coordinator at the host institute by speed post. It is also mandatory to send a scanned application form and DD/NEFT receipt through e-mail to kanithasheela@jntuh.ac.in as selection will be intimated only through mail.

Selection Criteria:
Selection will be done based on *first-cum-first-serve basis* and the confirmed candidates will be notified immediately. The maximum number of participants will be 50(fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be sent to their personal *e-mail* ids. In case a candidate is not selected, the demand draft will be sent back. A test will be conducted at the end of the course. Candidates will be issued certificates on successful completion of the course along with grade. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:
Last date for submission of application:20th June 2018
Selection-list intimation/display before22nd June 2018
Duration of Program: **26th June to 2nd July 2018**

About ECE Department, JNTUHCEH
The Department of Electronics & Communication Engineering was established as a full-fledged entity to offer B. Tech degree in 1973. With its Qualified, Experienced and committed Faculty/Staff, the department has expanded its activities enormously over the past 43 years. The department offers One UG, Three Integrated and Four PG programs in various specializations in addition to Full-time and External Ph. D and M. S. by Research programs. It has well equipped laboratories, its own computer centers and departmental library to cater the needs of UG, PG students and research scholars. As many as 45 Doctorates and 4 M. S by Research Degrees were awarded by the department in the past decade with many more in progress. Twenty Five AICTE, UGC and DST projects are successfully completed by the department. A Continuous stream of short-term courses, refresher courses, workshops and winter/ summer schools is the general outlay of the department. The department celebrated its Ruby Jubilee in the year 2014. The department was awarded EXCELLENT grading with 8.1 points (out of 10) by AP State Council of Higher Education, Govt. of Andhra Pradesh in 2003 and UG and Two PG Courses are NBA accredited. All UG& PG Courses are approved by AICTE.

Coordinators:

1.	Dr. P. Sreehari Rao, Dept. ECE, NIT Warangal
	Email: patri@nitw.ac.in
	Ph. No: 9441342324

2.	Dr. K.Anitha Sheela, Dept. ECE, JNTU Hyderabad.
	Email: kanithasheela@jntuh.ac.in
	Ph. No: 9441189219.

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APPLICATION FORM

1. Name of the Applicant:
2. Designation:
3. E-mail ID:
4. Category:
   - ☐ Faculty/Research Scholars from jurisdiction of E&ICT Academy, NIT Warangal (Rs. 2500/-)
   - ☐ SC/ST Faculty members (Rs. 1,250/-)
   - ☐ Industry Participants (Rs. 7500/-)
   - ☐ Participants from other states (Rs.8500/-)
5. Institution:
6. Mobile:
7. Payment Mode:
   - ☐ Demand Draft No: _____
   - ☐ NEFT / UTR No.: _____
   - Bank: _____
   - Date: _____

8. Educational Qualification with Specialization:
9. No. of refresher courses / workshops attended:
10. Experience (in Years):   Teaching: Research: Industry:
11. Do you belong to reservations SC/ST (YES/NO): If YES, specify (*Attach photo copy)
12. Do you require accommodation during Training : YES/NO

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 FDP 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.

Place:

Date: **Signature of the Applicant**

Sponsorship Certificate

Dr./Mr./Ms.………………………………………………..…………………….…… is an employee of our Institute/Organization and is here by sponsored to participate in the FDP on "System Design Aspects in IoT" sponsored by Electronics & ICT Academy during 26th June to 2nd July 2018 at JNTU Hyderabad, Telangana.

Place:

Date: **Signature of Principal/ Head of Institution**

Address for correspondence:

Post your application form along with DD/NEFT Receipt to

Dr .K. Anitha Sheela, **Professor, Dept. of ECE,** **JNTUH College of Engineering,** **Kukatpally, Telangana, Pincode-500085** **Mob No: 9441189219,** **Email: kanithasheela@jntuh.ac.in**	**NOTE** **Mail the scanned copies of filled-in and duly signed application form with DD/NEFT**

For more details about JNTUH College of Engineering, Telangana, please visit: http://www.jntuhceh.ac.in/