



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

INTERNET OF THINGS

(9th OCT 2017 to 13th OCT 2017)

Organized by

E & ICT ACADEMY, NIT Waranagal

and

JOGINPALLY B R ENGINEERING COLLEGE, HYDERABAD

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



Preamble:

“Electronics & ICT Academy” is being set up at NIT Warangal with financial assistance from MeitY, MCIT, Govt. of India (GoI). The jurisdiction of this academy covers the states of Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. The role of this academy is to offer faculty development programmes in standardized courses and emerging areas of Electronics and Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals as well as Advice and support for technical incubation and entrepreneurial activities.

This faculty development programme (FDP) is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to Internet of Things and is open for Faculty members, Research Scholars as well as students of engineering, MCA and other allied degree colleges from states and UTs mentioned above.

Major Course Contents:

- Introduction to IoT
- Concepts and Terminology of The IoT
- IoT Applications and Challenges
- Requirements of IoT
- Architecture, Business Models, IoT Reference Architectures
- Visual Prototyping with Arduino and connectivity to IOT platforms
- Communication network requirements, Data processing challenges
- Various applications/smart objects
- Components of IoT
- Local & Global Connectivity
- Business Inferences IoT Building blocks
- IOT Platforms, Connectivity, Processing, software
- IOT Structure of the Course:
The theory for the topics specified in the Course Contents is covered over 30 hours in classroom sessions and 10 hours lab sessions.

Course Evaluation:

Continuous assessments at logical intervals. Assessment includes MCQs, Fill in the Blanks, True/False and/or scenario based questions.

Faculty conducting this programme:

The programme will be conducted by the faculty members from **NIT Warangal**. Academicians in the concerned field from **Reputed Institutes** 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 the teachers of engineering colleges, MCA colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

- **Faculty and Research Scholars: Rs 2500/- Only**
- **Industry participants : Rs 7500/-Only**
- **Faculty of SC/ST category:1250/-**

The participants need to send a crossed demand draft (DD) drawn in favour of “Director, NIT Warangal” and payable at SBH, NIT Warangal branch.

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 speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to bsnaik546@gmail.com 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 notified in the institute web site www.nitw.ac.in/eict and also 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: **07/10/2017**

Selection-list intimation/display before: **08/10/2017**

Duration of Program: **9th oct – 13nd oct 2017**

About the Institutes:

National Institute of Technology (formerly Regional Engineering College), 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 Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D programs in various specializations.

An admiration in the field of Engineering education, Joginpally B.R.Engineering College, a part of the visionary Sri J.Bhaskaro Rao's accomplishment, observed its inception in the year 2002 with the lofty aim of providing quality professional education and meeting the rising expectations of the student community in Andhra Pradesh. J.B.R Educational Society has been working relentlessly towards the objective of achieving excellence in the fields of Engineering, Medicine, Management, Hospitality and Information Technology.

FORMAT OF APPLICATION

Electronics and ICT Academy, NIT Warangal

and

Departments of CSE & IT JBREC

Faculty Development Programme

on

INTERNET OF THINGS

(9th OCT 2017 to 13th OCT2017)

1. Name :

2. Designation :

3. Institution :

4. E-mail :

5. Mobile No. :

6. DD No :

Bank: Date:

7. Address for Correspondence

8. Educational Qualifications with specialization:

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: 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 hereby sponsored to participate in the FDP on "Internet of Things" sponsored by **Electronics & ICT Academy** during **9th Oct – 13th Oct 2017** at JBREC, *Telangana State, India*.

Place:

Date: Signature of Head of Institution

(with seal)

Address for correspondence:

Post your application form with DD to

Dr RAJU BHUKYA

Assistant Professor
Department of CSE
National Institute of Technology
Warangal 500003.
Telangana, India.

Mail the scanned copies of filled-in and duly signed application form with DD to drrajunitw@gmail.com, raju@nitw.ac.in
For more information visit:

<http://nitw.ac.in/eict/>

For any enquiry contact:
Mobile:9700553922, 9989045779.

Coordinators

Dr. Raju Bhukya
Assistant Professor
Dept. of Computer Science and Engg
NIT Warangal

Dr.U. Moulali
Associate Professor, CSE Dept.
JOGINPALLY B R ENGG. COLLEGE
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