FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
INTERNET OF THINGS

(4th DEC 2017 to 9th DEC 2017)
Organized by
Santhiram Engineering College, Nandyal
In association with
National Institute of Technology, Warangal.
Under the Scheme of Electronics & ICT Academy
(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.

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
- Various applications/smart objects
- Components of IoT
- Local & Global Connectivity
- Business Inferences IoT Building blocks
- IOT Platforms, Connectivity, Processing, software
- IOT Architecture, Business Models, IoT Reference Architectures
- Visual Prototyping with Arduino and connectivity to IOT platforms
- Communication network requirements, Data processing challenges

Faculty conducting this programme:

The programme will be conducted 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 the faculty of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, Andaman and Nicobar Islands. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 2500/-**
Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 1250/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form)**
Industry Participants	**Rs. 7500/-**
Participants from other states	**Rs. 8500/-**

SC/ST concession is only for faculty of mentioned states. Research Scholars are not eligible for SC/ST concession.

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

Organized at:

The programme will be coordinated and conducted by Santhiram Engineering College, Nandyal. The whole course is handled by academicians from premier institutions, Industry experts and Research advisors.

Accommodation:

All the selected participants will be provided FREE boarding & lodging in the institute guest house. No TA will be paid for the participants.

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 cse.srec@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 50 (fifty). 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 certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	3/12/2017
Selection List by E- mail	3/12/2017
Duration	4th Dec – 9th Dec 2017

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.

The Department of Computer Science and Engineering (CSE) offers B.Tech. course in CSE, M.Tech courses in CSE, Information Security (IS) and Master of Computer Applications (MCA). The Department has experienced faculty with good publications and well-established laboratories. The Department has liaison with reputed industries and R&D organizations like Microsoft, IBM, Oracle, Accenture, Infosys, TCS, EMC2, C-DAC, Motorola, NIC, Sun Micro Systems, SPSS and tie up with IISc in certain areas. Department conducts various sponsored programmes throughout the year.

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1. Name   :

2. Designation :

3. Institution   :

4. Email   :

5. DD No: Bank: Date:

    Amount:

6. Address for Correspondence:

7. Educational Qualification:

8. Subjects taught so far:

9. No. of refresher courses/workshops attended:

10. Experience (in years):

    Teaching: Research: Industry:

11. Accommodation required: YES / NO

12. Do you belong to SC/ST :   YES / NO

(If yes, please specify and attach a copy of caste certificate to claim the concession)

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.

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 19th Dec – 24th Dec 2017 at SEC, Nandyal

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form with DD to

Dr. J. David Sukeerthi Kumar
Coordinator,
FDP on Internet of Things
Department of CSE
Santhiram Engineering College,
Nandyal - 518501
E-mail the scanned copies of filled-in and duly signed application form along with DD to

cse.srec@gmail.com

For more details about Electronics & ICT Academy, NIT, Warangal, please visit: *https://nitw.ac.in/eict*

For more enquiries please contact:
Mobile: 9701429254

Coordinators

Dr. Raju Bhukya
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Dept. of Computer Science and Engineering
NIT Warangal

Dr. J David Sukeerthi Kumar
Assistant Professor
Dept. of Computer Science and Engineering
S E C, Nandyal