FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Internet of Things and its Real Time Applications
(25th March'2017 to 31st March'2017)
Organized by
Department of CSE
KKR & KSR Institute of Technology and Sciences, Guntur, A.P
in association with
National Institute of Technology, Warangal.
Under the Scheme of Electronics & ICT Academy
(Sponsored by Department of Electronics and Information Technology (DeitY), GOI)

Preamble:
"Electronics & ICT Academy" is being set up at NIT Warangal with financial assistance from DeitY, MCIT, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa States and Pondicherry and Andaman & Nicobar Islands UTs. 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.

The aim of this programme is to introduce the participants to the amazing world of sensor networks and other IOT platforms. IOT is the idea of making devices (namely sensors, actuators and other objects) smarter by linking them to the internet. This FDP serves as a platform to train and educate the research scholars, faculty, and people from industry to interact on cutting-edge technologies in this emerging area.

Major Course Contents
- Introduction to Sensors and IOT
- Design of sensor network protocols including MAC and routing protocols
- Sensor web and Cloud
- Energy efficient protocol design
- Communication protocols, interconnections, system design and development
- Service Discovery and device to device communication in IOT
- Data management and big data analytics in IOT.
- Security in IOT
- Research issues and case studies in IOT.

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 teachers/research scholars of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Pondicherry, Andaman and Nicobar Islands UTs. Industry personnel working in the concerned /allied discipline can also attend.

Organized at:
The Programme will be coordinated and conducted by Department of Computer Science and Engineering, KKR & KSR Institute of Technology & Sciences, Vinjanampadu (Vil), Vatticherukuru (Md), Guntur (Dt), A.P. The whole course is handled by academicians and industry experts.

Registration Fee Particulars:
Faculty members (2000 ₹)
Faculty members from other states (8500 ₹)
Faculty of SC/ ST category from mentioned states (500 ₹)
Industry participants (6000 ₹)

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

Accommodation:
Accommodation will be provided to the selected outside participants on prior request. No TA/DA will be paid for the participants. Working Lunch, Tea & Snacks would be provided during the Training in the campus.
Venue: Seminar Hall & CSE Labs, KITS

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 host institute coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through email repudiramesh@gmail.com as selection will be intimated only through mail. Program duration is 6 (six) working days including Sunday. **(28-03-2017 is Holiday on the occasion of UGADI Festival)**.

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 of Sending (Application &DD)	20th March' 2017
Sending Selection List by E-mail	22th March' 2017
Duration	25th -31st March' 2017 (28-03-2017 is Holiday on the occasion of UGADI Festival).

About the Institutes:
National Institute of Technology (formerly Regional Engineering College), Warangal is an Institute of National Importance and fully funded by MHRD, Govt. of India. It offers various programmes B.Tech. In eight branches, PG and M.Tech. Programmes and also Ph.D. programmes.

About KITS:
KKR & KSR Institute of Technology and Sciences (KITS) was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticherukuru Mandal of Guntur district. The Institute is accredited with "A" Grade by NAAC. Undergraduate programmes in Departments of Computer Science and Engineering (CSE), Electrical and Electronics Engineering (EEE), Electronics and Communications Engineering (ECE), Later programmes in MBA, M.Tech(CSE), M.Tech (VLSI), M.Tech(PE&D), M.Tech(DECs), Departments of Civil Engineering and Mechanical Engineering were inducted.

Dr.P.Babu is the Principal of KKR & KSR Institute of Technology & Sciences.

APPLICATION FORM

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ON

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1. Name   :

2. Designation   :

3. Institution   :

4. Email   :

5. DD No: Bank: Date:

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 attach a photo copy of caste

   certificate)

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 and its Real Time Applications"** sponsored by Electronics & ICT Academy during 25th March– 31st March'2017 at KKR & KSR Institute of Technology & Sciences, Guntur.

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form with DD to
Prof.R.Ramesh
 Training Coordinator for FDP on" Internet of Things and its Real Time Applications" HOD,Department of CSE, KKR & KSR Institute of Technology & Sciences. Vinjanampadu (Vil), Vatticherukuru(Md), Guntur, A.P – 522 017

E-mail the scanned copies of filled-in and duly signed application form along with DD to repudiramesh@gmail.com

For more details about Electronics & ICT Academy, NITW, please visit:
http://nitw.ac.in/eict

For more enquiries please contact:
Mobile: 9493925553, 8978692777
E-mail: repudiramesh@gmail.com

Coordinators

Dr. Rashmi Ranjan Rout
Department of CSE
National Institute of Technology
WARANGAL - 506 004.

Prof. R.Ramesh
 Head
 Department of CSE,
 KKR&KSR Institute of Technology &
 Sciences
 GUNTUR, A.P -522 017.