FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SOFTWARE ENGINEERING
(17th June 2016 to 28th June 2016)
Organized by
JNTUA CEA, Ananthapuramu in association with NIT 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, Govt. of India (GoI). The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa states and Puducherry, 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.

This faculty development programme (FDP) is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to Software Engineering and is open for Faculty members of engineering, MCA and other allied degree colleges from states mentioned above.

Major Course Contents:
- IT Service lines & Verticals: An overview of Service Offerings and verticals.
- Application Development: Processes & Methodologies, Requirements Engineering, Architecture & Design, Software Construction, Development support processes.
- Validation services: Software Test Life Cycle(STLC), Types of Testing, Test design methods Test automation.
- Post release and deployment services: Software maintenance services, Production support services.
- Agile Methodology: SCRUM methodology, User stories, Distributed SCRUM, Extreme Programming practices, DevOps.
- Project Management: Scope management Schedule management, Resource management, Cost management, Risk management.
- Software Quality: Quality control & Quality Assurance, Software metrics, Defect prevention Software Reuse, Quality frameworks – CMMi, ISO applications on Cloud, Cloud Architecture, Service Models.

Structure of the Course:
- Theory - 60 hours: The theory for the topics specified in the 'Course Contents' is covered over 60 hours duration in classroom sessions.
- Lab - 20 hours: The participants will be applying the topics learnt by solving workouts and assignments.

Course Evaluation:
- Continuous assessments at logical intervals. Assessment includes MCQ's, 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 **industrie**s 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 states and Pudicherry, Andaman and

Nicobar islands and Goa UTs. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:
- **Faculty members form mentioned states: Rs 3000/- Only**
- **Faculty members from other states: Rs 12500/- Only**
- **Industry participants : Rs 6000/-Only**

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

Accommodation:
All the selected participants will be provided 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 to **aarao.cse@jntua.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 notified in the institute web site www.nitw.ac.in 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: **10/06/2016**
Selection-list intimation/display before   : **13/06/2016**
Duration of Program   : 17th – 28th June 2016

About the Institute, department and Ananthapuramu:
J.N.T.U.A College of Engineering (*Autonomous*), Ananthapuramu, an esteemed Engineering College in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty strength, number of academic programs offered and infrastructure. Now it has upgraded as a University. This institution has been selected as a network institution by NPIU for the World Bank aided TEQIP Project during 2004-08 and is looking for more development during the coming years.

The B.Tech Computer Science and Engineering programme was started in the year 1989. The MCA programme was started in the year 1996. The M.Tech programme was started in the year 2000. Currently Department is offering specializations in postgraduate programs, viz., Computer Science, Software Engineering and Artificial Intelligence. The Department has expertise in areas of Software Engineering, Data Bases, Cloud Computing and Computer Networks. Ananthapuramu is connected by National Highway (NH-44) between Bangalore and Hyderabad. Puttaparthi, a place of spiritual importance, which has theAshram of Bhagavan Shri Satya Sai Baba, is in the proximity of Ananthapuramu.

FORMAT OF APPLICATION

Electronics and ICT Academy, NIT Warangal and
Department of Computer Science and Engineering, JNTUACEA
Faculty Development Programme on
Software Engineering
(17th -28th June, 2016)

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. Accommodation required: YES / NO

13. 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 *Software Engineering* sponsored by Electronics & ICT Academy during 17th – 28th June, 2016 at *JNTUA College of Engineering (Autonomous) Ananthapuramu.*

Place:

Date: Signature of Head of Institution

                              (with seal)

Address for correspondence:
Post your application form with DD to

Dr. A. Ananda Rao,
Professor in CSE &
Director Academic and Planning,
JNT University Anantapur
Ananthapuramu-515002,
Andhra Pradesh, India.

Mail the scanned copies of filled-in and duly signed application form with DD to
aarao.cse@jntua.ac.in
For more information visit:
http://nitw.ac.in/eict/

For any enquiry contact:
Mobile: 9000551418

Coordinators

Dr.S.Ravi Chandra
Assistant Professor
Dept. of CSE
NIT Warangal

Dr. A. Ananda Rao
Professor in CSE &
Director Academic and Planning,
JNT University Anantapur

Organized by
Electronics and ICT Academy, NIT Warangal and
Department of Computer Science and Engineering, JNTUACE, Ananthapuramu