



NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 (Telangana State)
DeitY, HRD division, Ministry of ICT, Govt. of India SPONSORED
Faculty Development Programme (FDP)
On
Software Engineering

Organized by

Electronics & ICT Academy
and Department of Computer Science and Engineering
(28th December 2016– 06th January 2017)

Preamble:

“Electronics & ICT Academy” is being set up at NIT Warangal with financial assistance from DeitY, MCIT, Gol. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa States and Pudicherry, Andaman & Nicobar islands and Lakshadweep 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.

Software engineering is associated with development of software product using well-defined scientific principles, methods and procedures. The outcome of software engineering is an efficient and reliable software product. The need of software engineering arises because of higher rate of change in user requirements and environment on which the software is working. Computer information and control systems have become increasingly embedded and integrated into fabric of the human society. They control our clocks, washing machines, traffic lights, refrigerators, micro ovens, electric power to our homes. It involves the elicitation of system requirements, the specification of the system, its architectural, detailed design, implementation, testing and delivery of the system. Software development being a human intensive process, management and quality control techniques are required to run successful projects and construct quality systems. Good software engineering practices and tools can therefore make a substantial difference, even to the extent they may be driving forces of the project success of today's and tomorrow.

The faculty development program is devoted to the fundamental developments, recent developments and research oriented outcomes addressing theoretical and practical aspects of the software engineering.

Major Course Contents:

- Basics of Software engineering
- Software process models and Agile development
- Understanding Software requirements and planning
- Software development process
- Software Implementation Standards
- Software Architectural Design Models
- Serverless, micro-service and domain driven Architectures
- Software Development in cloud systems
- Software engineering as a service
- Information retrieval for software engineering
- Software testing and Quality Assurance
- Software risk management

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 of engineering colleges, MCA colleges and other allied disciplines** in Telangana, Andhra Pradesh, Karnataka, and Goa. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:
Faculty members (Rs 3000/- Only) and
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 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 to drrajunitw@gmail.com, raju@nitw.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:25.12.2016

Selection-list intimation/display before: 26.12.2016

About the Institute, department and Warangal:

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.

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.

Warangal is known for its rich historical and cultural heritage. It is situated at a distance of 140Km. from Hyderabad. Warangal is well connected by rail and road. National Institute of Technology campus is 2 Km. away from Kazipet junction and 12Km. away from Warangal station.

FORMAT OF APPLICATION
Electronics and ICT Academy
Faculty Development Programme
on
Software Engineering
(28th December,2016 – 06th January, 2017)

1. Name :
2. Designation :
3. Institution :
4. email:
5. DD No: Bank: Date:
6. Address for Correspondence

7. Educational Qualifications with specialization:
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. Are 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 28th december 2016 – 6th january, 2017 at Electronics & ICT Academy, National Institute of Technology, Warangal.

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 Computer Science & Engineering.,
National Institute of Technology Warangal - 506004,
Telangana State, 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: 08332969425, 08919277911
Land line: 0870-2462732

Coordinator

Dr. Raju Bhukya

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