



FACULTY DEVELOPMENT PROGRAMME (FDP)  
ON  
**Software Engineering**  
(May 26, 2017 to June 04, 2017)



Organized by GITAM University, Hyderabad in association with NIT, Warangal  
Under the scheme of Electronics & ICT Academy  
(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, GOI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka States and Puducherry, Andaman & Nicobar Islands and Goa UTs. This academy role is to offer faculty development programs 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. As part of this initiative, a Faculty Development Programme (FDP) on Software Engineering is being conducted to the Faculty members of engineering, MCA and other allied degree colleges.

**Major Course Contents:**

This course consists of following topics.

- **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

**Organized at:**

The programme will be coordinated and conducted by Department of Computer Science and Engineering, GST, GITAM University, Hyderabad. The whole course is handled by senior faculties of NIT/IIIT and Industry experts.

**Eligibility:** The programme is open to the **teachers of engineering colleges, MCA/BCA degree colleges and other allied disciplines** in Telangana, Andhra Pradesh, Karnataka states and Pudicherry, Andaman and Nicobar Islands and Goa UTs. Industry and other working professionals are also eligible.

**Pre-Requisites:** Basic knowledge on Programming is needed.

**Registration Fee Particulars:**

**Faculty members and Research Scholars from the above mentioned states: Rs. 3,000/-**

**Industry participants: Rs. 9000/-**

**Faculty members and Research Scholars from other states 12500/-**

**Faculty members from SC/ST Category of above mentioned states: Rs.750/-**

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 on or before the last date by post/courier. Participants are requested to write their name and contact number backside of demand draft. It is also mandatory to send scanned application form and demand draft through e-mail to **phanikumar.singamsetty@gitam.edu** as selection will be intimated only through e-mail.

**Selection Criteria:**

Selection will be done based on **first-come-first-serve basis** and the confirmed candidates will be notified by email. 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 intimated through e-mail.** In case a candidate is not selected, the demand draft will be sent back. Candidates will be issued certificates on successful completion of the course along with grade. Reservations of seats are followed for selecting candidates as per GOI norms.

**Important dates:**

Last date to receive application & Demand Draft: **May 20, 2017.**  
Selection-list intimation by email: **May 22, 2017.** Duration of Program: **May 26, 2017 to June 04, 2017 (10 days).**

**About National Institute of Technology:** 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. All UG, PG and Ph. D programmes of NIT Warangal are NBA accredited.

**About the GITAM University and department:**

GITAM is a premier Deemed to be University in the country, having 36 years of track record in teaching and research of global standards with diverse disciplines such as Technology, Pharmacy, Science, Management, Humanities, International Business, Architecture, Law and Medicine. GITAM University is accredited by NAAC with 'A+' Grade, recognized as Research University by UGC and many more such rewards and awards to the credit of GITAM University. The Department of Computer Science and Engineering at GITAM School of Technology, Hyderabad, was established in 2009 to act as a Promoter, Facilitator in the field of Computer Science and Engineering. The department offer B.Tech., M.Tech. & Ph.D Programmes. Department conducts various courses to keep pace with dynamics of change by teaming up with various reputed institutions and industries.

## FORMAT OF APPLICATION

*Electronics and ICT Academy*  
Faculty Development Programme  
on  
Software Engineering  
(26<sup>th</sup> May – 04<sup>th</sup> June, 2017)

1. Name:
2. Gender: Male / Female
3. Designation:
4. Institution:
5. E-mail:
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. Are you belong to SC/ST : YES / NO  
(If Yes Please attach a photocopy of proof)

### 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  
..... 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 May26, 2017 to June 04, 2017 at  
**GITAM University, Hyderabad-502 329, Telangana.**

Place:

Date:

Signature of Head of Institution  
(with seal)

### Address for correspondence

*Post your application form with DD to*

Prof. S. Phani Kumar,  
Professor & HOD,  
Department of Computer Science and Engineering,  
GITAM School of Technology,  
GITAM University, Hyderabad Campus,  
Rudraram- 502329, Patancheru Mandal,  
Sangareddy District, Telangana,

*Mail the scanned copies of filled-in and duly signed  
application form with DD to*

**phanikumar.singamsetty@gitam.edu**

For more information visit: <http://nitw.ac.in/eict/>

For any enquiry contact:

Tel.: 08455-221297, 7680900988

### Coordinators

**Dr. S. Ravi Chandra&**

**Prof. S. Phani Kumar**

Organized by

**Electronics & ICT Academy and**

**GITAM University, Hyderabad&**

**NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL**