

About the Institute :

Nitte Mahalinga Adyanthaya Memorial Institute of Technology, affiliated to VTU, Belagavi is an autonomous Institution offering UG, PG and Doctoral programmes. It is a unit of Nitte Education Trust, Mangaluru. It currently offers 7 UG programmes in engineering, 11 M.Tech programmes, MBA and MCA programmes. It also offers Doctoral Programmes in 11 departments. It is accredited by NBA, New Delhi and has been placed in 'A' grade by NAAC, Bengaluru and also is an ISO 9001:2015 certified institution. It has been recognized as a 'Lead Institution' under the World Bank Funded TEQIP programme (both Phase I & II). NMAMIT has completed 31 years of its existence in 2017.

About the Department :

The Department of Information Science and Engineering was started in 1999 with an intake of 60. In 2016, the department intake has been increased to 120. The department has well-qualified and dedicated teaching and non-teaching staff and well-equipped laboratories to fulfil the academic needs of the students. The B.E (ISE) program was accredited by the National Board of Accreditation in 2015. The department conducts special courses on advanced topics, to bridge the gap between the university curriculum and the need of the industry. The department has been granted autonomy by VTU since 2007. The department is offering M.Tech.(Computer Network Engineering) from Academic Year 2012.

About the FDP :

This FDP will mainly focus on the practical understanding of diverse number of methods, its approaches and tools for requirements of engineering

in different software paradigms, deriving and reasoning appropriate description of a desired system. The FDP will also focus on modelling, analysis knowledge and skills for evaluating requirements and conceptual design. The FDP will also focus on approaches for Object Oriented, component based and service oriented software engineering. The FDP will also cover the topics on metrics and techniques in estimation for project management and challenges of software engineering in cloud based environment.

Subject focus of the FDP includes :

- ❖ Embedded SE: Life Cycle Models with Case Studies
- ❖ Embedded Software Design
- ❖ Object Oriented Design
- ❖ User Interface Design in Embedded Systems (State Diagrams)
- ❖ Coding Standards and Software Testing (Complexity Graphs)
- ❖ Metrics in Embedded Project Management
- ❖ Techniques in Estimation for Project Management and Scheduling in Embedded Design
- ❖ Program Analysis
- ❖ Leveraging Cloud Computing to achieve Real-Time analytics using AWS
- ❖ Scaling analytics capability using Elastic Map Reduce on AWS
- ❖ Component Based Software Engineering
- ❖ Service Oriented Software Engineering
- ❖ Risk Management in SDLC
- ❖ Software Aging
- ❖ Software Engineering Challenges in Cloud

Participants :

Faculty members from CSE, ISE, MCA are targeted audience. Maximum number of participants is restricted to 50. Selection based on First-come-First Serve basis.

Accommodation :

Limited accommodation on payment basis is available in hostel / guest house (twin sharing) on First-come-First Serve basis.

Registration :

The registration form and other details are available at the following link: <http://nmamit.nitte.edu.in/rtse-17/> Completed registration form should be sent to the workshop coordinator along with a DD drawn in favour of " The Principal, NMAMIT ", Payable at Nitte on or before 4-12-2017.

The soft copy of the registration form and scanned copy of DD should be mailed to paivasudeva@nitte.edu.in.

The Registration Fee:

Delegates from Industry : **Rs. 2000**

Delegates from Academic Institutes / Research Organizations / Research Scholars : **Rs. 1500**

**FIVE DAYS FDP
ON
REAL TIME SOFTWARE ENGINEERING
AND PROJECT MANAGEMENT**

18th - 22nd December 2017

REGISTRATION FORM

Name :.....
Affiliation :.....
Department :.....
Mobile No. :.....
Email :.....
Accommodation required or not :.....
DD Details :.....
Signature :.....
Date :
Place :
Endorsement by the Head of the Institution:

Contact Details

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Chief Patron :

Sri N. Vinaya Hegde
President, NET

Patron :

Dr. Niranjana N. Chiplunkar
Principal

Convener :

Prof. Karthik Pai B. H.
Associate Professor & Head

Coordinators :

Mr. Vasudeva Pai
Mr. Abhishek S. Rao

Resource Persons :

Dr. Srikanth Prabhu, Associate Professor,
Dept. of CSE, MIT, Manipal
Dr. Vinay S, Professor,
Dept. of CSE, PESIT Mandya
Dr. Demian Antony D'Mello, Professor,
Dept. of CSE, CEC, Mangaluru
Dr. Aravinda C. V., Assistant Professor,
Dept. of CSE, NMAMIT, Nitte
Dr. Preethi Mahadev, Manager, Infosys
Mr. Subrahmanya Rao, Founder & CEO,
Discover Dollar Technologies Pvt. Ltd.



**FIVE DAYS
FACULTY DEVELOPMENT
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Convener :
Prof. Karthik Pai B. H.
Associate Professor and Head

Coordinators :
Mr. Vasudeva Pai
Mr. Abhishek S. Rao

Organized By
**Department of Information Science and
Engineering, NMAMIT, Nitte**



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PROGRAMME ON
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DEPARTMENT OF INFORMATION SCIENCE
AND ENGINEERING

NMAM Institute of Technology, Nitte
(An Autonomous College under VTU, Belagavi)
(A unit of Nitte Education Trust)
Karkala Tq., Udupi District, Karnataka State, India