Registration Form

Name: _____

Designation: _____

Qualification: _____

Experience: _____(if applicable)

Department:

_____

Address for Communication:

_____

_____

City: _____ Pin Code: _____

Mobile No.: _____

E-mail: _____

Category of Participant:

☐ **Academic**

☐ **Industry Participant**

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**

Signature of Head of the Institution
(with seal)

About NITK Surathkal

National Institute of Technology Karnataka (NITK), Surathkal (formerly KREC), is one of the Institute of National importance in our country funded by MHRD, Government of India. Since its inception in 1960 as the Karnataka Regional Engineering College, the Institute has established itself as a premier center engaged in imparting quality technological education and providing support to research and development activities. The Institute has a long tradition of research for several decades in both traditional and modern areas of Engineering and Sciences in all Departments.

About CSE Department

Since its inception 1986, Department of Computer Science & Engineering holds a position of pride in NITK. It has consistently fulfilled its role of producing Computer Engineers ready to satisfy the needs of the IT world. The department has always attracted the best of engineering aspirants from all over the country. It has a well qualified and experienced faculty team. The Department offers B.Tech., M.Tech., M.Tech.(By Research) and Ph.D. in Computer Science and Engineering discipline.

Address for Correspondence

K. Chandrasekaran,
Professor, Department of CSE, NITK Surathkal,
Srinivasnagar PO, Mangalore - 575 025.
Phone: +91-824 2474000 Extn 3400
Fax: +91-824 2474033
E-mail: techevents.cse@gmail.com
Point of Contact
Marimuthu C, +91-9008581809
Raghavan S, +91-7338513541

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
Surathkal, Mangalore - 575025
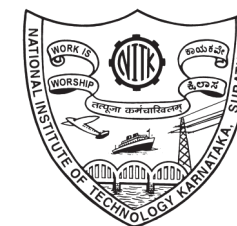**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**
**(in association with
Dept. of CSE, NIT Warangal)**
DeitY, HRD division, Ministry of ICT, Govt. of India SPONSORED

Faculty Development Programme
on
Pervasive and Mobile Computing

Dec. 05 - 14, 2016 (10 working days, 2 weeks)

http://cse.nitk.ac.in/upcoming-events/fdp

Department of Electronics and Information Technology
Ministry of Communications & Information Technology
Government of India

Preamble to the FDP

"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 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.

In recent years, we have witnessed a rapid development on pervasive and mobile computing technologies which have a significant impact on our lifestyles and the way we run our businesses. The impact of technologies on our lifestyle is due to the tremendous advances in a broad spectrum of technologies and topics, including wireless networking, Internet of Things, mobile and pervasive computing. To support the proliferation of smart end-user equipment, it is necessary to improve the state-of-the-art technologies in mobile computing to achieve a high quality-of-experience (QoE) for end-users.

This faculty development programme (FDP) is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on pervasive and mobile computing.

Major Course Contents

- Pervasive Computing paradigm
- Internet-of-Things paradigm
- Mobile Cloud Computing
- Design of Energy Efficient Routing Algorithms
- IPv4 Vs IPv6
- Mobile TCP and Mobile OS
- Mobile Network Traffic Engineering
- Mobile Network Pervasive Service Management
- Mobile Social Networks
- Software Development for Cloud Computing
- Security and privacy Issues
- Membrane Computing
- Deep Learning

Faculty conducting this programme

The programme will be conducted by the experts from IITs, NITs, and other academic organizations. 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**. Industry personnel working in the concerned/allied discipline can also attend.

Important Dates

Last date for Submission	November 30, 2016
Selection Notification	November 30, 2016
Duration	December 05, 2016 - December 14, 2016

Registration

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

Scanned copy of the filled in application form in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should be mailed to **techevents.cse@gmail.com**. It is also mandatory to submit the hard copy of application form and demand draft at the registration desk during the inauguration of the event.

Registration Fee

Academic Participants	Rs. 3,000/-
Industry Participants	Rs. 9,000/-

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 through personal e-mail ids of the registered participants. 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.

Accommodation and Boarding

All the selected participants will be provided **free boarding and accommodation** in the institute guest house/international hostel. No TA/DA will be paid for the participants.