From,

Shruthi Shetty J

Assistant Professor

Dept. of CSE

A.I.E.T, Mijar

Through,

The H.O.D.

Dept. of CSE

A.I.E.T, Mijar

To,

The Principal

A.I.E.T, Mijar

Respected Sir,

SUBJECT: - Requisition to attend a FDP

As per the above subject, I seek your permission to attend a FDP on "Pervasive and Mobile Computing" in NITK, Surathkal from 5th to 14th Dec 2016. Kindly do the needful.

Thanking you,

Yours Sincerely,

(Shruthi Shetty J)

H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

PRINCIPAL
Alva's Institute of Engg. & Technolog
Mijar, MOODBIDRI - 574 225, D.K

Application for Permission to attend
conference/Seminars/Workshops and Paper Presentation

1. Name of the Staff : Shruthi Shetty J

2. Designation & Department : Assistant Professor . [CSE]

3. Name of the Conference/Seminar Symposium/ Workshop : Faculty development programme on Pervasive and mobile Computing.

4. Type of conference is International/ National/State Level : National level.

5. Place of Conference /workshop : NITK ,Surathkal

6. Date of Conference/workshop : 5|12|16 to 14|12|16.

7. Title of the paper submitted/accepted : —

8. Mention the items enclosed
   a. Copy of the brochure : (Yes/No)
   b. Copy of invitation letter : (Yes/No)
   c. Copy of the abstract of the paper : (Yes/No)
   d. Acceptance received by Committee with recommendation

9. Rough estimate of expenditure : —
   a. Registration fee : 3000/-
   b. Train/Air fare : —

10: Details of previous conference/workshop Attended (Date/Place/Type) : —

Date: 1|2|16

(Signature)
Name: Shruthi Shetty J
Designation & Dept
Assistant Prof
CSE

Recommendation of the HOD

Signature of the Principal.
PRINCIPAL
Institute of Engg. & Technology,
Ujire. MOODBIDRI - 574 225, D.K

Registration Form

Name: Shruthi Shetty J

Designation: Assistant Professor

Qualification: BE, MTech (CSE)

Experience: 2.5 years (if applicable)

Department: Computer Science and Engg.

Address for Communication: Alva's Institute of Engg and Tech Shobhavan Campus, Mijar.

City: Moodbidre **Pin Code:** 574225

Mobile No.: 9964852899

E-mail: shruthishettyj@gmail.com

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: Moodbidre

Date: 29/11/16

Signature of the Applicant

Signature of Head of the Institution (with seal)

Dept. Of Computer Science (with seal) Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI-574 225

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

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Professor, Department of CSE, NITK Surathkal,
Srinivasnagar PO, Mangalore - 575 025.
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Point of Contact
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Dept. of CSE,

Faculty Develop

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Dec. 05 - 14, 2016 (

http://cse.nitk.ac.i

M Gmail

Shruthi ShettyJ <shruthishettyj@gmail.com>

Invitation and Pre-arrival Brief - FDP on Pervasive and Mobile Computing @ NITK Surathkal

Technical Events CSE <techevents.cse@gmail.com>
To: Technical Events CSE <techevents.cse@gmail.com>
Bcc: shruthishettyj@gmail.com

Wed, Nov 30, 2016 at 2:26 PM

Dear Participant,

Greetings from NITK Surathkal!

Congratulations! As your application for attending Faculty Development Programme on Pervasive and Mobile Computing to be held from December 05-14, 2016 at NITK Surathkal has been formally accepted, you would have planned your trip / booked your tickets to reach NITK Surathkal. It is our pleasure to invite and welcome you to Faculty Development Programme.

As the event is few days away, we are mailing you the details related to your accommodation, pre-arrival, how to reach NITK, and other information to make your visit comfortable and joyful. **Please read this message carefully before leaving to Mangalore.**

Venue:
Seminar Hall, Second Floor, Department of Computer Science and Engineering, Western Side Campus, NITK Surathkal.

Registration:
Registration desk will be available at the above mentioned Venue on December 05, 2016 from 09:00 AM. Kindly submit the signed registration form, DD / Cash or any other payment proof and show your organization ID card to get your registration kit.

Accommodation / Boarding Information:
All the selected participants will be provided free boarding and accommodation in the international hostel. Kindly, contact +91-9008581809 on your arrival at NITK for availing accommodation.

How to Reach NITK:
The possible ways to reach NITK Surathkal from different source points are given in the **attached document.**

Have a safe and pleasant journey!

Looking forward to see you at NITK Surathkal during this event.

and Regards,

techevents.cse@gmail.com

TO WHOM IT MAY CONCERN

This is to certify that **Shruthi Shetty J** from *Alva's Institute of Engineering & Technology, Moodbidri* was present during **December 05, 2016 to December 14, 2016** at *National Institute of Technology Karnataka, Surathkal* as an attendee of Faculty Development Programme on *"Pervasive and Mobile Computing"*.

K. Chandrasekaran, Ph.D.,
Co-ordinator,
Faculty Development
Programme on Pervasive and
Mobile Computing.

(Extn.):3044

Faculty Development Programme on
Pervasive and Mobile Computing

(December 05, 2016 to December 14, 2016)
Jointly Organized by
Department of CSE, National Institute of Technology Karnataka
and
Electronics & ICT Academy, National Institute of Technology, Warangal

This is to certify that

Shruthi Shetty J

from **Alva's Institute of Engineering & Technology, Moodbidri**
has participated in the DeitY, HRD division, Ministry of ICT, Govt. of India
SPONSORED Faculty Development Programme on
"Pervasive and Mobile Computing" during December 05-14, 2016.

DVLN Somayajulu, Ph.D.,
Professor, Department of CSE,
Co-ordinator, FDP on
Pervasive and Mobile Computing
National Institute of Technology
Warangal - 506004, TS, INDIA

K. Chandrasekaran, Ph.D.,
Professor, Department of CSE,
Co-ordinator, FDP on
Pervasive and Mobile Computing
National Institute of Technology Karnataka
Surathkal, Mangalore - 575025, Karnataka, INDIA

A Faculty Development Programme(FDP) on "Pervasive and Mobile Computing(PMC)."

A FDP, on "Pervasive and Mobile Computing (PMC)" was conducted on 5-12-16 till 14-12-16 by Department of CSE, NITK Surathkal. The FDP started with the registration procedure followed by inauguration.

Day 1: 05-12-2016. The keynote session was addressed by Prof. Chidananda Gowda, Former VC, Kuvempu university. Starting with introduction to PMC, he briefed about the emerging technologies like IoT, Zetaflood, Wisdom of CC, Next-net, SD printing, Artificial Intelligence and many more for the upcoming years. The afternoon session stared with Introduction Wireless Sensor networks to Cyber Physical System by Prof K Chandrasekaran, Assistant Professor NITK, Surathkal. He explained about different Computing Systems which includes Edge Computing, Mobile Computing, Ubiquitous Computing and security issues to the same.The Session also included explanation on usage of WSN in Cyber Physical System. The Last session of the day was by Mr Marimuttu, Research Scholar, NITK. This was about Context awareness on Pervasive Computing which also had explanation on Calm technology.

Day2: 06-12-2016. started with the session on cloud and service Computing in PMC by Prof K Chandrasekaran. He explained about technology under Cloud computing along with the characteristics advantages, applications in various fields. The Afternoon session was on IoT with the explanation of protocols used and energy efficiency algorithms implemented on IoT, application, advantages by Sarvesh, Research scholar, NITK.

Day 3: 07-12-2016. started the session on Cellular networks by Dr. N.S.V Shet, NITK followed by briefing on Design of MAC protocols in Adhoc networks by Dr R.R Rout. Afternoon session started with NS2 theoretical and lab sessions by Dr Mohit Tahiliani.

Day 4: 08-12-2016. started with Software for Mobile Cloud Computing by Mr Marimuttu, Research Scholar, NITK. It was continued with HP Helion Eucalyptus – private Cloud by Mr. Raghavan, Research Scholar, NITK Afternoon session started with NS3 theoretical and lab sessions by Dr. Mohit Tahiliani.

Day 5: 09-12-2016 had sessions on Sensor Cloud by Dr Geetha V, NITK and Smart City and Health care by Dr Raghavan Infosys Banglore. Afternoon session was on theoretical and lab sessions on Mobile IP/IPv6 by Dr B.R.Chandawarkar, NITK.

Day 6: 10-12-2016 had sessions on Optimization techniques in PMC by Prof K Chandrasekaran. NITK and Fault management monitoring in PMC by Rahul Dutta , Oracle, Hyderabad. Afternoon had a visit to Centre for Systems Design- NITK, a virtual lab set up by the department of Mechanical NITK under the in charge of Dr. K.V Gangadharan.

Day 7: 11-12-2016 includes session on Challenges and issues in #G and beyond, and Security Issues and Challenges in Wireless Networks by Dr. Nakkeeran, Pondy.University. Afternoon session was on theoretical and lab sessions on Android Application Development Mr Manoj Kumar, Research Scholar, NITK.
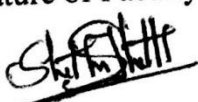
Day 8: 12-12-2016 includes session on Multicore Mobile Devices, by Dr John Jose, IIT Guwahati and Software Defined Networks by Mrs Saumya Hegde, NITK. Afternoon seesion included theoretical and lab sessions on Machine Learning and Health Care by Mr Likewin Thomas, NITK.

Day 9: 13-12-2016 includes session on Performance Optimization techniques at hardware level for large data centres in IoT environment by Dr. John Jose. IIT Guwahati and Membrane Computing by Prof K Chandrasekaran. Afternoon Session included Mobile Cloud Computing: Models, approaches and Challenges by Dr Annappa, NITK, and Cryptography for Mobile Computing by Dr Alwyn R.Pais. NITK.

Day 10: 14-12-2016 had sessions on Privacy issues on Mobile Database by Prof .D.V.L.N Somayajulu,NITK, Warangal. Written test was conducted on the above mentioned topics. The FDP concluded with the valedictory with presence of Prof .D.V.L.N Somayajulu,NITK, Warangal, Prof K Chandrasekaran, Assistant Professor NITK, Surathkal and Prof Lokesh, Director NITK Suratkal.

Name and Signature of Faculty

Shruthi Shetty J

Deeksha M

HOD Signature
Dept. Of Computer Science & Engineering

ALVA'S EDUCATION FOUNDATION (R.)

MOODBIDRI - 574 227, D.K.

DEBIT / CREDIT VOUCHER

No. :

Date . 1|12|2016

Sl.No.	Particulars	College Code	Debit (₹)	Credit (₹)
a	FDP - registration fees at NITK,	AL	3000/-	
b	Surotkal			
c				
d				
e				
	PAYABLE / RECEIVABLE		3000/-	
	TOTAL		3000/-	

Rupees Three thousand only.

Narration Shruthi Shetty J

Assistant Professor, Dept. of CSE, AIET

Prepared by   Principal AL   A.O.   Authorised by   Receiver's / Remitter's Signature