Pervasive and mobile computing has emerged as multi-disciplinary area of research and development. 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 aim of the Short Term Training Programme (STTP) is to bring together the communities who are working in the areas of Ubiquitous computing, Ad hoc networks, Internet of Things, Cluster computing 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 for end-users. This STTP is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on pervasive and mobile computing.

COURSE CONTENTS

- Pervasive Computing paradigm
- Internet-of-Things paradigm
- Vehicular network design
- Wearable computing
- Delay tolerant networks and applications
- QoS measures in mobile networks
- Ambient intelligence
- Mobile application development
- Sensor based decision support system
- Modelling of pervasive healthcare environment
- Mobile computing security issues and challenges
- Tools for mobile and pervasive computing paradigm
- Mobile virtualization

COURSE FACULTY

Faculty of Pondicherry Engineering College, Faculty from other reputed institutions and experts from R&D organizations and industries.

ELIGIBILITY

The Faculty Members/Research Scholars of AICTE approved Engineering Colleges / Polytechnics and Professionals from Industry are eligible to apply for the course. Teachers belonging to other disciplines may also apply if this course would supplement their research. Admission will be offered subject to the availability based on the TEQIP guidelines.

TA/DA and ACCOMMODATION

No TA/ DA will be paid to the participants as per TEQIP norms. Working lunch, tea and refreshments will be provided to all the participants. Accommodation will be provided to the selected outstation participants in the campus, upon request, at their own expenses.

REGISTRATION

Registration form can be downloaded from the Institute website (www.pec.edu). Interested participants shall apply through post/fax/email with the prescribed format duly signed and forwarded by the head of the sponsoring institution.

IMPORTANT DATES

Last date for registration : 20.04.2016

The selection of the participants will be intimated through e-mail only.

TEQIP PHASE- II SPONSORED SHORT TERM TRAINING PROGRAMME ON
EMERGING TRENDS IN PERVASIVE AND MOBILE COMPUTING
April 28th – May 4th, 2016

REGISTRATION FORM

Name: Dr./Mr./Ms: _____________________________
Gender: Male / Female
Academic Qualification: __________________________
Designation/Dept.: ____________________________
Years of Teaching Experience: ______________________
Area of Specialization: __________________________
Phone/Fax: ____________________________
E-mail: ____________________________
Contact No: ____________________________
Address: __________________________________________________
________________________________________________
PIN code: ____________________________
Is the institution approved by AICTE? Yes/No
Need accommodation: Yes/No

Signature of the Applicant
Forwarded by (Head of the Institution)
DECLARATION BY APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the STTP Programme. I shall attend the programme for the entire duration.

Place: 
Date: 
Signature of the Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr/Mr./Ms ------------------
is an Employee/Research Scholar of our Institution and is sponsored to attend the TEQIP PHASE II sponsored STTP on “Emerging Trends in Pervasive and Mobile Computing”. He/She will be permitted to attend the course fully, if selected.

Place: 
Date: 
Signature of the Sponsoring Authority with Seal

ADDRESS FOR CORRESPONDENCE
Dr. G.SANTHI
Dr. V.GEETHA

Coordinators- (ETPMC-2016)
Department of Information Technology,
Pondicherry Engineering College,
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ABOUT PUDUCHERRY

Heritage is one of the most precious gifts, Puducherry offers to its tourists and visitors. The coastal town of Puducherry with the French ambience is known for the serene atmosphere. The great poets Subramaniya Bharathi, Bharathidasan, Sri Aurobindo are some of the legends associated with Puducherry. Sri Aurobindo Ashram, Auroville, Bharathi Park, Ousteri Lake, Chunambar boat house, Botanical Garden, Manakula Vinayagar Temple, and Arikamedu (archaeological importance) are some of the major tourist attractions of Puducherry.

ABOUT THE INSTITUTION

Pondicherry Engineering College (PEC) is an autonomous institution started in the academic year 1985-86 under the seventh plan which is promoted and fully funded by the Government of Puducherry. Ever since its inception, the college has registered speedy progress and it now offers eight undergraduate, thirteen post graduate courses, and PhD programmes in all branches of Engineering and Basic Sciences. The college has been granted funds by NPIU under TEQIP Phase II and the project is under implementation. The college is situated at Pillaichavady, about 12 Km from Puducherry town and about 150 Km from Chennai along the scenic beauty East Coast Road (ECR) on the shores of the Bay of Bengal.

ABOUT THE DEPARTMENT

The Department of Information Technology (IT) was established in the year 2000. The Department offers B.Tech (IT) and M.Tech (IT) programmes. The Department has state-of-art lab facilities and latest curriculum to train the students to the current IT challenges.