INTRODUCTION

Biomedical research professionals in the recent years, have been earnestly focusing their efforts towards evolving intelligent methods/systems for clinical decision support. Leveraged by technology and powerful computing paradigms, the clinical diagnosis process has been tremendously advancing. The success of these methodologies in telemedicine applications has often been attributed to an interdisciplinary nature that combines knowledge of medicine with technology. The main aim of this STTP is to highlight the continued growth & new challenges in telemedicine applications and their supporting technologies for both application development and for basic research.

COURSE CONTENTS

The short term training programme includes the following topics:

- Technology in Telehealth
- Imaging modalities – A clinical perspective
- mHealth – Issues, Challenges and Implications
- Rehabilitation Engineering
- Bio Informatics
- Wearable and Implantable Technology
- Medical Imaging
- Medical Optics
- Bio Medical Circuits and Systems
- Medical Ethics
- Translational Engg. in Health and Medicine
- Telesurgery

COURSE FACULTY

Prof. K. Ganapathy
President Apollo Telemedicine Networking Foundation
Ex. President Telemedicine Society of India
Apollo Hospitals

Dr. Biju Pottakkat
Medical Imaging Expert, JIPMER

Prof. Shenbagadevi
Bio signal Processing Expert, Anna University

Dr. Soundravalli
Medical Ethics Expert, JIPMER

Dr. Ravikumar Chittoria
Telemedicine Expert, JIPMER

Dr. Santhosh Satheesh
m-Health & Implantable tech. Expert, JIPMER

Dr. Sivakumar Balasubramanian
Rehabilitation Engg. Expert, CMC Vellore

&

Faculty experts from PEC & other Premier Institutes

ELIGIBILITY

The Faculty Members/Research Scholars of AICTE approved Engineering Colleges / Polytechnics and Professionals from Industry are eligible to apply for the course. Admission will be offered subject to the availability based on the TEQIP guidelines.

ACCOMODATION

Working lunch and refreshments will be provided to all the participants. Accommodation will be arranged to the outstation participants outside 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.

SHORT TERM TRAINING PROGRAMME

on

BIO SIGNAL PROCESSING FOR
TELEMEDICINE APPLICATIONS

TEQIP Phase II – Sponsored
June 27th - July 2nd, 2016

Registration Form

(To be submitted on or before 17.06.2016)

Name: Dr./Mr./Ms.__________________ Gender: M / F

Designation/Dept: __________________________

Academic Qualification: __________________________

Years of teaching experience: __________________________

Areas of specialization: __________________________

Phone/Fax: __________________________

Email: __________________________

Contact no: __________________________

Address: __________________________

Pincode: __________________________

Is the institution approved by AICTE : Yes / No

Need accomodation : Yes / No

Signature of 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 “BIO SIGNAL PROCESSING FOR TELEMEDICINE APPLICATIONS”. He/She will be permitted to attend the course for the entire duration, if selected.
Place: 
Date: 

Signature of the Sponsoring Authority with Seal

Completed registration forms should be sent to the following address:

Dr. K. Jayanthi
Dr. R. Sananakshmi
Course Coordinator
Dept. of ECE, PEC
Phone: 9443617183, 9790972173
Email: sttppece2016@gmail.com

IMPORTANT DATES

Last date for registration: 17.06.2016
Intimation of selection: 22.06.2016
The selection of the participants will be intimated through e-mail only

ABOUT THE INSTITUTION

Pondicherry Engineering College is a prominent engineering school, sponsored and wholly funded by the Govt. of Puducherry. The college, established in the year 1985 under the seventh five-year plan, stands discerningly visible in terms of well qualified faculty, state-of-the-art infrastructure, competitive academic programmes and quality research. The institute became autonomous in the year 2014 and has been recently granted with approval for elevation as Technological University under RUSA. The elegantly landscaped campus, sprawling over 218 acres on the shores of Bay of Bengal, is of scenic beauty, presenting an excellent environment for studies and research. It is located at about 12 kms from Puducherry town on East Coast Road at Pillaichavady.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering, since its inception in the year 1985, has been producing globally competitive engineering graduates. It is resourceful in terms of infrastructure and state-of-the-art facilities to pursue studies and research in niche areas of the domain. The highly qualified and experienced faculty is one of the most significant features of the department. Over the years, the Department has matured into a QIP centre producing Ph.D. graduates in different specializations of Electronics and Communication Engineering including Health care and Telemedicine.

TEQIP Phase II - Sponsored
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June 27th - July 2nd, 2016

Coordinators
Dr. K. Jayanthi
Professor, Dept. of ECE
Dr. R. Sandanakshmi
Asst.Professor, Dept. of ECE

Organised by
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