ABOUT PEC-PUDUCHERRY

Pondicherry Engineering College is an Institution promoted and fully funded by the Government of Puducherry. The College was started in 1984 under the VII Five Year Plan. It is an autonomous Institution for the purposes of administration, staff recruitment and College development and is managed by a Board of Governors. The College is affiliated to Pondicherry University, Puducherry, for the academic purposes. The College has been growing from strength to strength since its inception.

Department of Electronics and Instrumentation Engineering was started in 1998 and has been producing resourceful engineers for the past ten years. The department has establishment and modernized laboratories. The department has been blessed with well-experienced and highly-motivated faculty members. Applied research in emerging areas forms the major strength of the department. The department primly focuses on areas like microprocessors, micro-controllers, Telecommunication, Robotics, Biomedical, Digital signal processing, transducers and measurement, Control in Process applications, virtual instrumentation etc.

ABOUT ACDOS

Automatic Control & Dynamic Optimization Society (ACDOS) was established in 2011 by national and international member from industry, govt. organisations and academia. The objective is to promote automatic control and dynamic optimization discipline in academia and industry across India. For details please visit https://acdos.org/

PROGRAM DATE & VENUE

This symposium will be conducted in the **College Auditorium** of Pondicherry Engineering College.

The dates of the workshop are 21st and 22nd of October 2016.

EXPECTED PARTICIPANTS

Researcher from industries, academia and government research organizations who work in the broad area of systems and system identification can get benefited with the nature of the talks. Lectures are designed for researcher working in Systems, Control and Identification.

Researchers work in the field of control and optimization are welcome to get inputs from industry and research organization about the application and challenges in identification. Advances in identification will form a key such that researcher working in identification will also get benefited.

ORGANIZING COMMITTEE

Prof. Ramesh Babu, PEC-Puducherry.

Dr. Shaikh Faruque Ali, IIT-Madras.

Prof. Ananda Natarajan, PEC-Puducherry.

Dr. Jayesh Barve, GE-Bangalore.

A two-day workshop
on

Advances in System Identification

21st – 22nd October 2016

Jointly organized by

Automatic Control and Dynamical Optimization Society
Bangalore, India

Department of Electronics and Instrumentation Engineering

Pondicherry Engineering College
Puducherry – 605 014

MOTIVATION & THEMES

Obtaining systematic information from observations is a key aspect for efficient performance of many industrial work. Identification of the state of the critical parameters of a plant is as crucial as controlling it. As the obtained information leads to the formulation of a model of the system under consideration. Such a model is some form of pattern that explains the observations made and allows for predictions of future system responses to be made.

The workshop will bring industry and academia together. Participant will be able to find the link between industry and academia through system identification. Given the enormous diversity of application of system identification following special topics are selected for the participant such that everyone receives an overview if applications of system identification.

This workshop brings in together national research organizations, industry and academia to bring forward their challenges and breakthroughs

TOPICS

A few representative topics are given below

- System Identification in process applications
- Challenges in identification of bio-medical systems
- Industrial system identification
- Flight vehicle system identification
- Identification of parameters of city transport system

INVITED SPEAKERS

Lectures will be given by the eminent experienced personalities from DRDO, NAL, GE and academicians from IITs/IISc.

REGISTRATION

Cheque/ DD should be drawn in favour of **ACDOS, Bangalore**.

Type	Member	Non Member
Students	500 INR	500 INR
Academic	1500 INR	2000 INR
Others	2000 INR	2500 INR

Major Sponsor: **TEQIP, PEC.**

Accommodation: Paid accommodation will be arranged on first come first serve basis in nearby hotels. Please visit www.eiecouncil.com or contact Prof. P. Ramesh Babu for details on rates and hotels. Transport will be arranged for the participants to and from these hotels only.

CONTACT

Prof. P. Ramesh Babu

Professor and Head
Electronics and Instrumentation Engineering,
Pondicherry Engineering College, Puducherry
Puduchery-605 014.
Tel.: (0413) 2655281 Extn: 551;
Mb.: 8903067588
Email: prameshbabu@pec.edu

Registration Form

(Deadline 10 October 2016)

On

Workshop on Advances in System Identification

21st - 22nd October 2016

Duly filled registration form should be sent to the coordinator so as to reach on or before 10th October 2016. (for additional copies, please photocopy this form)

REGISTRATION FORM

Name:_____

Designation:_____ _____

Organization:_____ _

Mailing Address:

_____ __

_____ __

Email: _____

Mobile: _____

Experience: _____

Contact No:_____

---------- ----------

Date signature of applicant