

ABOUT THE COLLEGE

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & Sons' Charities Trust. The institution is equipped with latest facilities and excellent infrastructure. The college has signed MoUs with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum updation and establishment of state-of-art-centers of excellence. The mission of the institution is to provide world-class engineering education, foster research and development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the country.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering has been playing a vital role in producing scientists and technologists of highest caliber ever since it was established in the year 1951. The department offers UG (Regular and Sandwich) programmes, PG programmes (Applied Electronics, Power Electronics & Drives, and Embedded & Real-Time Systems), and PhD programmes. The department has Centres of Excellence namely PSG-DANFOSS Centre of Excellence in Climate and Energy namely PSG-LAPP Centre for Excellence in Cable Technology, PSG-L&T Centre for Excellence in LV Switchgear, Audio-Processing Centre, PSG-PROSUN Centre for Excellence in Solar PV systems, AICTE - Wind Emulator Laboratory, PSG-Schneider Centre for Excellence and PSG-Texas Instruments Centre for Excellence for IoT

ABOUT TEQIP

Technical Education Quality Improvement Programme (TEQIP) aims to upscale and support ongoing efforts of GOI to improve quality of technical education and enhance existing capacities of the institutions to become dynamic, demand-driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at national and international levels.

ABOUT THE FDP

This one week Faculty Development Program aims at exposing the faculty members and participants to recent developments in the area of Drives and Control. FDP intends to develop awareness among faculties regarding the significance of Modern trends in modelling, simulation and control of complex systems for various new generation applications. It will provide an in-depth understanding of design and analysis of models and demonstrate their applications in real world problems. In order to maximize the industrial efficiency, new technologies for drive systems, advanced control techniques and power electronic modulators are to be incorporated in system design to reduce operating cost and to improve quality of services. The purpose of this FDP is to bring together experts and academic researchers and provide a platform for discussion on recent research avenues in drives and control. Basic concepts with directions for further research will be discussed.

COURSE CONTENTS

- Research issues in Electric Drives
- AI based control strategies in Electric Drives
- Research avenues in Drive Train in Hybrid Electric Vehicles
- Optimal Control - Research scope
- Robust Control - Fundamentals, Applications and Research Scope

ORGANIZING COMMITTEE

CHIEF PATRON

Shri L. Gopalakrishnan
Managing Trustee

PATRON

Dr. K. Prakasan
Principal Incharge

CONVENOR

Dr. J. Kanakaraj
Professor & HoD I/c, Dept. of EEE

COORDINATORS

Dr. S. Kanthalakshmi
Professor/ EEE

Dr. R. Latha
Associate Professor/EEE

Dr. N. Archana
Assistant Professor/EEE

RESOURCE PERSONS

Experts from Industries and Academic Institutions working in various domains of optimization will be handling the sessions.

PARTICIPANTS

This Faculty Development Programme is open to all interested faculty members working in Universities, Arts and Science Colleges, Engineering Colleges, Polytechnic Colleges and industries.

REGISTRATION

Research Scholars / Faculty Members : Rs 2000/-
Industry Persons : Rs. 3000/-

A maximum of 50 participants are permissible on the first come first serve basis. The participants shall pay their registration fee through a Demand Draft drawn in favor of "PSG CNCE", payable at Coimbatore. No spot registration will be allowed. The duly filled application forms along with DD should be sent to:

Dr. N. Archana

Assistant Professor, Department of EEE,
PSG College of Technology,
Coimbatore-641004
Ph: 9600952675 / 9940900210
Email: radace2019@gmail.com

For outstation participants accommodation shall be arranged on prior request at nominal cost.

DATES TO REMEMBER

Last date for registration: **06-09-2019**
Intimation of Selection: **09-09-2019**

REGISTRATION FORM

TEQIP III Sponsored One Week FDP on

RESEARCH AVENUES IN DRIVES AND CONTROL ENGINEERING

Name: _____

Designation: _____

Department: _____

Name of the Institution: _____

Address: _____

Email: _____

Mobile: _____

DD Number : _____

Bank Name : _____

Accommodation Required: Yes / No

Prof./Dr./Mr./Ms. _____ is
permitted to attend the above said programme.

Place:

Date:

Approving Authority
(Signature and Seal)



TEQIP III SPONSORED
Faculty Development Programme
on

RESEARCH AVENUES IN DRIVES AND CONTROL ENGINEERING

SEPTEMBER 23 - 29 , 2019



Organized
By

Department of Electrical and Electronics
Engineering

PSG College of Technology

Coimbatore 641 004

Phone: 0422-2572177. 2572477

Fax: 0422-2573833

www.psgtech.edu