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, PSG-Texas Instruments Centre for Excellence for IoT, PSG CARES Centre for Industrial cyber Physical System Research

ABOUT PSG CARE

The PSG Center for Academic Research and Excellence was founded in October, 2015 by the PSG & Sons Charities Trust with a mission to promote teaching excellence in all the colleges under the Trust. Toward this end, CARE will encourage the use of learner-centric pedagogical practices that facilitate effective learning and will foster dialogue and reflection on effective teaching through workshops, seminars, one-to-one consultation and other activities. The center also focuses on creating and sustaining effective faculty student relationships.

ABOUT THE WORKSHOP

Increasing sustainability and environmental attention, sup-porting regulatory frameworks and new technology developments in the power sector are making electricity the backbone of the future energy system. Power electronics are increasingly being used in novel applications, such as electronic power distribution systems, also known as active distribution networks or smart grids, as a result of the quick advancements in semiconductor and packaging technologies as well as the creation of new power converter topologies. Such concepts could be utilized for a single building or entire districts, depending on the power scale, enabling greater shares of distributed energy generation and storage, demand-side efficiency, and energy trading operations. This workshop will bring out new research perspective on application of power electronics to energy systems.

RESOURCE PERSONS

Experts from NIT, MNIT and PSG

COURSE CONTENTS

- Power Electronics Technology for Renewable Energy and Microgrid
- Recent Research Challenges in Renewable Energy Systems and Energy Storage System
- Applications of Power Electronic Converters in Solar Photovoltaic Systems - Hands-on
- IoT enabled Smart Grid Technology & Internet of Energy - Hands-on
- Unintentional Islanding Detection Methodologies
- Electric Vehicle Applications

ORGANIZING COMMITTEE

CHIEF PATRON

Shri L. Gopalakrishnan
Managing Trustee

PATRON

Dr. K. Prakasan
Principal

CONVENOR

Dr. J. Kanakaraj
Professor & HoD, Dept. of EEE

COORDINATORS

Dr. R. Latha
Associate Professor / EEE

Dr. N. Archana
Assistant Professor (Sr. Gr.) /EEE

ELIGIBILITY

Faculty and staff working in academic institutions, Research Scholars, Engineers from R&D/ Industries

REGISTRATION

Research scholars	Rs.300/- + 18% tax
Faculty from academic institutions other than PSG	Rs.500/- + 18% tax
Industries	Rs.1000/- + 18% tax

For PSG Faculty members, the registration is free and they have to register through PSG CARE with approval of their Heads of Institutions.

Account details for Online Payment		
Account Name	:	PSG Center for Non formal and Continuing Education
Bank Name	:	Central Bank of India
Branch	:	Peelamedu
Account Number	:	1481267367
IFSC Code	:	CBIN0280913
MICR Code	:	641016006

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For any queries, contact:

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Coimbatore-641004
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Email:rla.eee@psgtech.ac.in
naa.eee@psgtech.ac.in

DATES TO REMEMBER

Last date for registration: **20-09-2022**
Intimation of Selection: **21-09-2022**

PSG COLLEGE OF TECHNOLOGY, COIMBATORE
DEPARTMENT OF EEE
in association with
PSG CENTER FOR ACADEMIC RESEARCH AND EXCELLENCE
Organizes

Two Day ONLINE National Workshop on

Future Proof Power Electronic Systems: Applications in Energy Systems

Name : .....
DOB : .....
Gender : Male / Female
Designation : .....
Department : .....
Organization : .....
Address : .....
.....
Mobile : .....
Email : .....
Online Payment reference No. : .....
Bank Name : .....
Date of Transfer : .....
Amount : .....

Filled-in registration form must be scanned and sent to rla.eee@psgtech.ac.in

DECLARATION BY THE CANDIDATE:

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program. If selected, I shall attend the course for the entire duration.

Place :

Date: Signature of the Participant

PSG COLLEGE OF TECHNOLOGY, COIMBATORE
DEPARTMENT OF EEE

in association with

PSG CENTER FOR ACADEMIC RESEARCH AND EXCELLENCE

Two Day ONLINE National Workshop on

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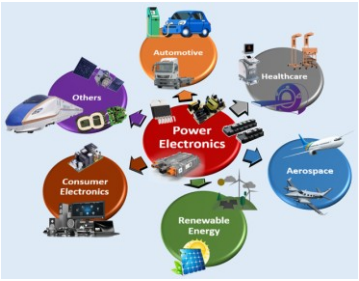
23 -24 September 2022



Organized By

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