

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

In today's world, sustainability is more than just a buzzword—it's a global imperative. Join us for a transformative workshop where we explore how Artificial Intelligence (AI) is revolutionizing sustainability efforts across various industries. From agriculture to energy management, AI is driving smarter, more sustainable practices. This workshop will help you understand the potential of AI to create a greener, more sustainable future. The workshop **"Driving Sustainability through AI: From Concept to Impact"** suggests a focus on how AI can be used to address sustainability challenges across various sectors. It also hints at the journey of implementing AI solutions—from initial ideas (concepts) to real-world applications that create measurable outcomes (impact).

RESOURCE PERSONS

Experts from Industries

COURSE CONTENTS

- Artificial Intelligence for Sustainability
- Agentic AI
- Agentic AI Implementation - Hands-on
- AI based ADAS Systems - Hands-on

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. S. Kanthalakshmi
Professor / EEE

Dr. R. Latha
Associate Professor / EEE

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

ELIGIBILITY

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

REGISTRATION

UG / PG / Research scholars	Rs.1000 (inclusive of GST)
Faculty from academic institutions other than PSG	Rs.1500 (inclusive of GST)
Industries	Rs.2000 (inclusive of GST)

For PSG Faculty members, the registration is free and they have to register through PSG CARE with approval of their Heads of Institutions. Registration fee includes kit, refreshments and working lunch

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

For any queries, contact:

Dr. R. Latha

Associate Professor, Department of EEE,
PSG College of Technology,
Coimbatore-641004
Ph: 9940900210 | 9600952675
Email:rla.eee@psgtech.ac.in
naa.eee@psgtech.ac.in

DATES TO REMEMBER

Last date for registration: **18-04-2025**
Intimation of Selection: **19-04-2025**

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

One Day Pre-Conference HANDS-ON Workshop on

“Driving Sustainability through AI: From Concept to Impact”

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 Head of Institution

- Bonafide essential for UG,PG, MS, PhD scholars



PSG COLLEGE OF TECHNOLOGY,
COIMBATORE
DEPARTMENT OF EEE

in association with

PSG CENTER FOR ACADEMIC RESEARCH AND EXCELLENCE

One Day Pre-Conference HANDS-ON Workshop on

“Driving Sustainability through AI: From Concept to Impact”

24 April 2025



Organized By
Department of Electrical & Electronics Engineering
PSG College of Technology

Coimbatore 641 004
Phone: 0422-2572177. 2572477
Fax: 0422-2573833
www.psgtech.edu