PROGRAMME OBJECTIVE
- To explore the potential of hydrogen (H₂) technology in revolutionizing the automotive industry.
- To understand the role of H₂ in achieving a cleaner and more sustainable future for transportation.
- To facilitate knowledge exchange between industry professionals, researchers, and students on advancements in H₂ technologies.
- To discuss the challenges and opportunities associated with H₂ adoption in the automotive sector.

TOPICS TO BE COVERED
- Power of computation in studying H₂ technologies
- H₂ vehicles in action: Powertrains and control (Fuel Cells & Internal Combustion Engines)
- H₂ generation from agro-based materials
- Automotive Economy: Trends and Future
- PEMFC & ICE Research Capabilities (Presentation and Demonstration)
- Panel Discussion: Experts' Round Table on H₂’s role in the automotive industry

SPEAKERS
The resource persons will be from leading organizations namely PSG College of Technology, India, Teesside University, UK, Tamil Nadu Agricultural University (TNAU), India, CREAT UNO Minda, Pune, India, Bosch Global Software Technologies (BGSW), CBE, India.

ELIGIBILITY
Faculty members, students and research scholars of Engineering and Polytechnic Colleges and Practicing Engineers in Industries and R & D Organizations.

Registration Fee: Rs. 200/-
[Fully refundable upon successful completion of the workshop (ie) The Demand Draft will be returned to candidates with 100% attendance]

The duly filled registration form along with a Demand Draft drawn in favour of “PSG CNCE” payable at Coimbatore.

The number of participants is limited to 50 on first cum first serve basis.

Refreshments and Working Lunch, Conference materials will be provided for the Participants.

No TA/DA/Accommodation will be provided.

ABOUT THE COLLEGE
PSG College of Technology, started in the year 1951, is an autonomous college for about 40 years, offering 21 undergraduate programmes, 25 postgraduate programmes and Ph.D. programmes in all departments. The institution is accredited by NAAC and is well placed in NIRF Ranking. Several advanced centers are set up with financial support from the MHRD, DST and other agencies. These include: the CAD/CAM/CIM Centre, STEP, Virtual Reality Centre, Centre for Non-Formal and Continuing Education, Project Impact Centre, TIFAC–CORE, Rapid Prototyping and Manufacturing Centre and CII – TDB TNET Centre.

ABOUT THE DEPARTMENT
The Department of Automobile Engineering has evolved a comprehensive student-centric learning approach, designed to add significant value to the learner’s understanding in an integrated manner through workshops, lab sessions, assignments, seminars, internships and projects. The department offers Under Graduate, Post Graduate and Doctoral programmes in Automobile Engineering. Both Under Graduate and Post Graduate programmes were accredited by the National Board of Accreditation (NBA). The department is well equipped with laboratories and offers consultancy in chassis design, engine testing, finite element analysis and computational fluid dynamics. Faculty members are continually publishing paper in journals and conferences at international and national levels. The department is engaged in a lot of research work sponsored from funding agencies including TSP-RA Engg, UK, DST-CRG, DST-SERB, DST-UKIERI, AICTE-RPS, DST,CONACYT, DST-NPDF, CRS-NPIU, CSIR, Royal Academia-Newton, AICTE-NDF and DST- EPSRC etc.

APPLICATION FORM
Name (in Block Letters) : ...................................................
DOB: .......................................................... Male/Female: ..................................
Designation: .....................................................................................
Department: ..................................................................................
Organization: .............................................................................
Address for Communication: ..............................................................
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...........................................................................................................
...........................................................................................................
Office phone: .......................................................... Mobile: ....................
E-mail ID: ..................................................................................
Demand Draft No & Date:
Bank : ..................................................................................
Amount : Rs. ..............................................................................

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 programme. If selected, I shall attend the course for the entire duration.

Place : ..................................................................................
Date : ..................................................................................
Signature of the candidate
The details of this National Workshop are available in the website [http://www.psgtech.edu](http://www.psgtech.edu).

The applicant may also submit advance application as an attachment file through the following e-mail address: psgnationalworkshop@gmail.com

The applicant can know the information regarding selection and programme schedule by visiting the above website.

**DATES TO REMEMBER**

- Last date for the receipt of application: 17.07.2024
- Date of intimation regarding selection: 19.07.2024
- Confirmation by participants: 22.07.2024

The duly sponsored application form is to be sent to:

**Dr. P. Karthikeyan, Professor,**
Department of Automobile Engineering
PSG College of Technology, Peelamedu
Coimbatore – 641 004, Tamil Nadu
Contact No: +91 9443682803.

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**ORGANISING COMMITTEE**

**Chairman**  
Dr. S. Neelakrishnan  
Professor & Head  
Automobile Engineering

**Coordinators**  
Dr. P. Karthikeyan  
Professor  
Automobile Engineering

Dr. M. Karthikeyan  
Assistant Professor (Sl.Gr.)  
Automobile Engineering

Dr. Magesh Kannan V  
Assistant Professor (Sl.Gr.)  
Automobile Engineering

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**ANRF/SERB CRG SPONSORED NATIONAL WORKSHOP**

**on**  
H₂ to Boost Automotive Economy

24.07.2024

**Coordinators**
Dr. P. Karthikeyan  
Dr. M. Karthikeyan  
Dr. Magesh Kannan V

**Organized by**
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