

COMMITTEE

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Dr. G. Viswanathan, Chancellor

Patrons

Dr. Sankar Viswanathan, Vice-President
Dr. Sekar Viswanathan, Vice-President
Dr. GV Selvam, Vice-President
Dr. Sandhya Pentareddy, Executive Director
Mrs. Kadhambari S. Viswanathan
Asst. Vice-President

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Vice-Chancellor
Dr. Partha Sharathi Mallick,
Pro Vice-Chancellor
Dr. Jayabarathi T,
Registrar

Chairperson(s)

Dr. Thangaraja J, Director-ARC
Dr. Kuppan P, Dean-SMEC

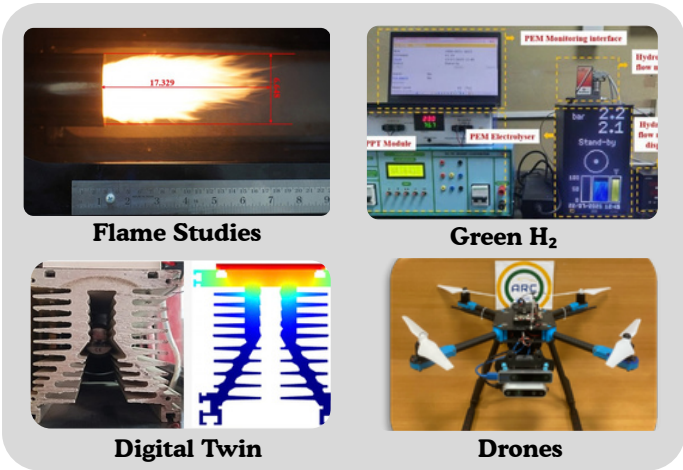
Organising Team

Dr. Mohamed Ibrahim, ARC
Dr. Rammohan, ARC
Dr. Suresh Kumar P, ARC
Dr. Raja Singh R, ARC
Dr. Joel J, SMEC
Dr. Deepak Kumar Biswal, SMEC
Dr. Lalit Kumar Bansal, SMEC



**FACULTY - STUDENT
PRODUCT INNOVATIONS**

ARC Customized Test Rigs and Vehicles



Chief Guest

Dr Pramod S Mehta
Visiting Distinguished Professor, IIT Indore
Retired Professor of Mechanical Engineering
Indian Institute of Technology Madras

Guests of Honor

Mr. Rajarajan Kesavelu
Senior Program Manager,
Mercedes-Benz R & D, Bangalore
Mr. Rajesh Rao J R
Sr. Technical Lead, CFD & System Thermal
Management, Bosch Global Software Technologies,
Coimbatore

ARC

**AUTOMOTIVE
RESEARCH CENTRE**

**AUTO
EXPO
2026**



Date: 25th March 2026
Venue: Greeno Foodys
Timing: 10:30 AM to 5:30 PM

ARC AUTO EXPO 2026

→ ARC AUTO EXPO 2026

The Automotive Research Centre (ARC) at Vellore Institute of Technology (VIT) is a hub for cutting-edge research in automotive engineering. Established in 2005 with funding from DST under the FIST scheme, ARC concentrates on innovative internal combustion engine combustion analysis, electric vehicles (EVs), and autonomous vehicles to meet the evolving demands of the automotive industry.

ARC is organizing Auto Expo 2026 to showcase advancements in automotive research and future mobility technologies. The expo brings together faculty researchers, and students to explore innovative solutions shaping the future of transportation. It provides a platform for technology demonstrations, knowledge exchange, and collaboration between industry and academia, highlighting ARC's commitment to sustainable, intelligent, and next-generation mobility solutions.

→ FACULTY PRODUCT INNOVATION

- Autonomous Wheelchair with Indoor Navigation
- Compact fuel cell stack for bicycle
- Autonomous Drone Charging
- Alcohol Detector Embedded in Vehicle's Seat Belt
- DIGILOCK- A Secure EV Charging System
- AirGuard Pro Smart Air Quality Management
- VTOL with 5G Communication
- Head-up display for on-road and off-road vehicles

FREE REGISTRATION

→ SALIENT FEATURES OF AUTO EXPO

- ◆ Showcase of Latest Technology
- ◆ Electric & Sustainable Mobility
- ◆ Research Interaction & Experience
- ◆ Automobile Component Exhibition

→ BENEFITS

- Exposure to advanced technologies in Green Hydrogen, Autonomous Vehicles, Drones, Flame Studies, AI Controllers, and Digital Twin at ARC Auto Expo
- Demonstration of AI-enabled vehicle control systems for improved automation, safety, and performance
- Research insights on hydrogen combustion and alternative fuel technologies for future automotive engines
- Exploration of autonomous driving technologies, including sensing, decision-making, and control systems

"Join us at the ARC Auto Expo as a visitor and evaluator to rate the best product"



→ REGISTRATION AND CONTACT

<https://forms.gle/b9xEiHFiePbS8o6V9>

Dr. Mohamed Ibrahim M

Professor - ARC

Vellore Institute of Technology

ibrahim.m@vit.ac.in



Scan the Code for free registration

ARC

AUTOMOTIVE RESEARCH CENTRE

AUTO EXPO 2026

→ INDUSTRY SPONSORS & EXHIBITORS



Britton Innotech
Optics, Lasers & Accessories



Engine Management System Test Bench



Ethanol Content Monitor - LITE R64

For more details, <https://vit.ac.in/all-events>

ARC AUTO EXPO 2026