

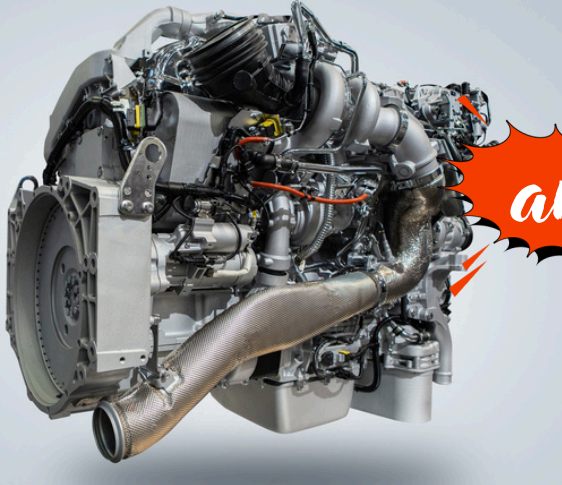


# Five Days Workshop on ENGINES AND HYBRID TECHNOLOGIES



Department of Mechanical Engineering  
Internal Combustion Engineering Division  
Anna University, Chennai

DEC 9<sup>TH</sup>(TUE) – 13<sup>TH</sup>(SAT), 2025



and



## About the Workshop

Join us for an insightful workshop on “**Engines and Hybrid Technologies**”, tailored for students, researchers, and industry professionals. The program provides a comprehensive perspective on internal combustion engines and hybrid powertrains, equipping participants to meet evolving industry requirements. The benefits of attending this workshop include gaining practical exposure through live demonstrations and engaging with distinguished experts from both academia and industry.

## ⌚ Workshop Highlights

Proposed Session Topics	Speaker Organisation
Advanced Combustion Modes	IIT Madras
Alternative Fuels	Mahindra & Mahindra
Ammonia Combustion	Anna University
Automotive Embedded Systems	Anna University
Diesel Emissions and Control	Ashok Leyland
Diesel Fuel Injection Systems	Delphi-TVS
Engine Management Systems	Anna University
Fuel Characterization	Anna University
Fuel Synthesis	Anna University
Gasoline Engine Combustion	Renault Nissan Technology & Business Centre India (RNTBCI)
Gasoline Engine Emissions and Control	RNTBCI
Hydrogen Applications in Engines	Ashok Leyland
Turbocharging	Turbo Energy
Two Wheeler Engines and Emission Control	Yamaha
Electric Vehicle	Anna University
Battery Management System	Anna University
Battery Thermal Management System	Anna University
Hybrid Electric Vehicle	RNTBCI
Two Wheeler Electrification	OLA Electric
The Workshop also Include a Demo on Advanced Combustion mode Engines and Hybrid Facilities	

## Who should attend?

- UG/PG Students
- PhD Scholars
- Faculty
- Engineers from Industry

## Workshop Fee:

- UG/PG/Ph.D. Students - Rs. 250/-
- Faculty - Rs. 500/-
- Participant from Industry - Rs. 1000/-

## Important Dates:

- Last Date for Registration - 31st Oct, 2025
- Notification of Selection - 10th Nov, 2025
- Last Date for Workshop Fee Payment - 25th Nov, 2025

**REGISTER  
NOW**

**Coordinator :** **Dr. A. Manivannan**, Associate Professor  
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**Co-Coordinator :** **Dr. C. Adhikesavan**, Assistant Professor  
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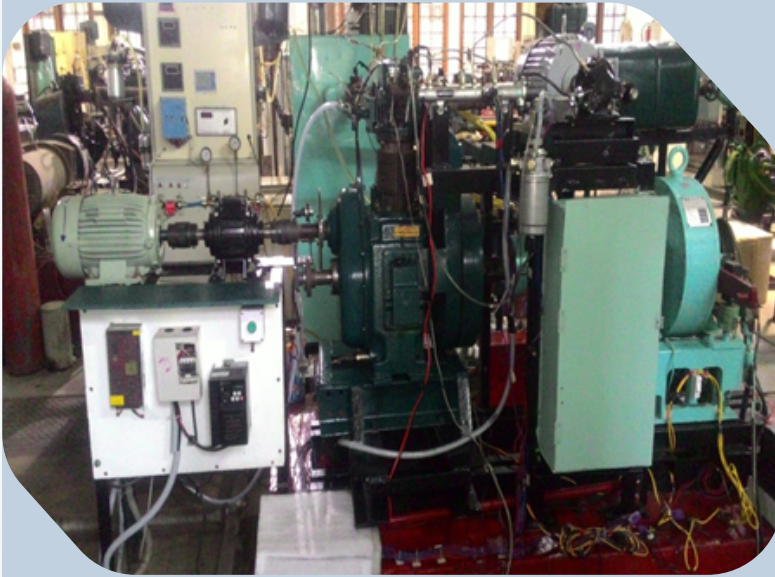
**Dr. D. Babu**, Assistant Professor  
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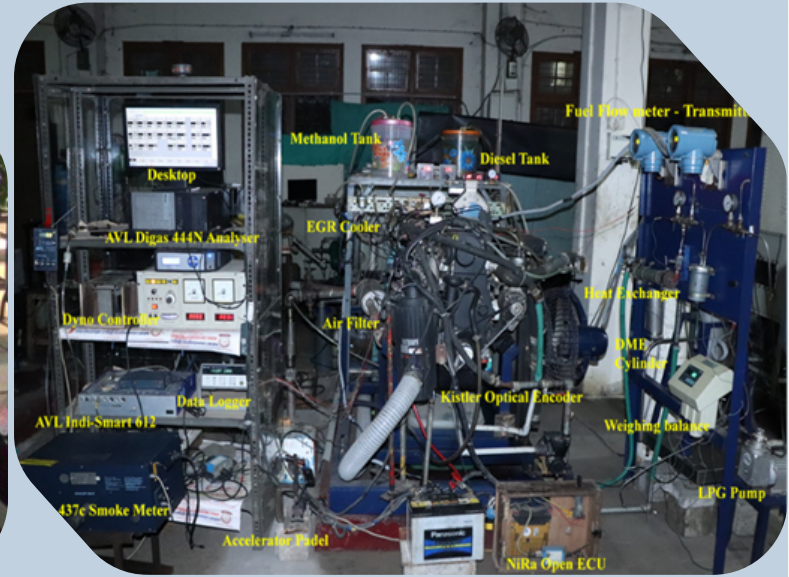
## ABOUT INTERNAL COMBUSTION ENGINEERING DIVISION

The Internal Combustion Engineering division of Department of Mechanical Engineering established in the year 1958, is one of the oldest divisions of College of Engineering, Guindy. The Division offers P.G programme on Thermal Engineering with specialization In Engines and Hybrid Technologies. It is actively involved in research and consultancy in the areas of advanced combustion, alternative fuels, emission control, CFD Simulation of In-Cylinder Flow and Combustion studies, hybrid vehicle technologies, battery thermal management, etc.

### FACILITIES AVAILABLE



**Single Cylinder RCCI Engine**



**Automotive Methanol/DME  
LTC Engine**



**Flexi Fuel and Flexi Combustion mode Engine**





**Hybrid RCCI Engine**



**Transient Dynamometer Facility**



**VCR Engine**





**Single Cylinder GDI CI Engine**



**Fuel Cell Test Station**





**Heavy Duty Diesel Engine Test Bed with Conditioning Systems**