



**MADRAS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AEROSPACE ENGINEERING
ASSOCIATION OF AERONAUTICAL ENGINEERS**

IC ENGINES

APRIL 05, 2025

09:00 AM- 04:00 PM

DESCRIPTION:

Join us for an in-depth Workshop on Internal Combustion (IC) Engines, where you'll explore the fundamentals, working principles, and real-world applications of IC engines. This hands-on session is designed for engineering students, automotive enthusiasts, and professionals eager to enhance their knowledge of engine mechanics.

AGENDA AND SCHEDULE:

1. Individual entry only
2. The students must bring their ID card without fail.

3. Ensure the engine is turned off before handling any components.
4. Avoid loose clothing and accessories that may get caught in Machinery.

TOPICS COVERED:

1. Introduction to IC Engines
Types, components, and working principles
2. Combustion Process
Fuel-air mixture, ignition, and power cycles
3. Engine Performance & Efficiency
Factors affecting power output and fuel economy
4. Hands-on Demonstration
Live operation of two stroke and four stroke engines
5. Troubleshooting & Maintenance
Common faults and repair techniques

***PARTICIPATION CERTIFICATES WILL BE PROVIDED TO
ALL PARTICIPANTS***

REGISTRATION FEES: INR 300/- per head

For any queries, contact:

Name: M.S.Bharath

Phone number: 90802 65174

Email: bharathmunirathinam333@gmail.com

Name: Krishneshwaran K

Phone number: 63851 94339

Email: aakash34krish@gmail.com