



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



Presents

**FLIGHT'26**

# IC ENGINE WORKSHOP

**ENTRY FEE:  
RS.299/-**

**COMBO OFFER:**

**REGISTER  
JET HANDLING  
WORKSHOP**



**TO GET  
RS.100/-  
DISCOUNT**



MIT



21 MARCH 2026



1.30pm to 4.30 pm

FOR REGISTRATION

FOR MORE INFO



Contact:

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# IC ENGINE WORKSHOP

## INTRODUCTION AND DESCRIPTION

The IC Engine Workshop offers an in-depth understanding of the working principles and applications of internal combustion engines. Participants will attend an informative seminar conducted by one of the organizers, covering the detailed operation of IC engines through a comprehensive PPT presentation.

Following the seminar, six small-scale engines will be demonstrated live, offering participants a close-up view of how they function. The workshop will also feature cut-view models for a hands-on experience, allowing attendees to explore engine components and gain practical insights into their operation.

This workshop is open to students, hobbyists, and engineering enthusiasts and requires no prior experience. By the end of the session, participants will have a solid grasp of IC engine technology and its real-world applications and receive a certificate of participation.

## OUTCOMES

By the end of the workshop, participants will be able to:

- Explain the working principles of 2-stroke and 4-stroke internal combustion engines, including SI and CI engines.
- Identify engine components such as piston, crankshaft, valves, carburetor/fuel injector, and cooling system.
- Diagnose common engine faults related to ignition, fuel system, lubrication, and cooling.
- Demonstrate safe engine handling and maintenance practices in a laboratory/workshop environment.

## SCHEDULE

Time	Session
1:30 p.m. – 2:00 p.m.	Introduction to Internal Combustion Engines
2:00 p.m. – 2:30 p.m.	Performance Parameters and Engine Operation
2:30 p.m. – 3:30 p.m.	Visit to IC Engine Anatomy and Demonstration Facility
3:30 p.m. – 4:30 p.m.	Hands-on Experience with IC Engine Systems

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

**REGISTRATION FEE :**

**INR 299/- PER HEAD (ONLY IC ENGINE)**

**INR 499/- PER HEAD FOR IC ENGINE AND JET HANDLING COMBO (LUNCH WILL BE PROVIDED)**

**FOR ANY QUERIES, CONTACT:**

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# IC ENGINE WORKSHOP

