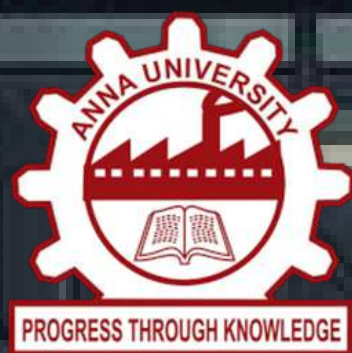




MADRAS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AEROSPACE ENGINEERING
ASSOCIATION OF AERONAUTICAL ENGINEERS



PRESENTS

FLIGHT'26

JET HANDLING WORKSHOP

ENTRY FEE
₹ 299/- PER
HEAD

REGISTER NOW



FOR MORE INFO



REGISTER FOR
IC ENGINE WORKSHOP
TO GET ₹100 OFF!!



MIT



21 MARCH 2026



9.30 AM - 12.30 PM

Contact :

Hari Akshay S K-7604853098

Harini S -7305715399



aero_association@mitindia.edu



[aae_mitaero](https://www.instagram.com/aae_mitaero)



aae.mitindia.edu

JETHANDLING WORKSHOP

INTRODUCTION AND DESCRIPTION

The Jet Handling Workshop offers an elaborate insight on the working and intricacies of turbojet engine and its applications. Participants will be participating in a seminar regarding the working and operation of the existing micro-turbojet engine, conducted by one of the organizers after which they will be allowed to view the firing of turbojet engine.

The first half day of the workshop ends with the explanation of the Rolls Royce Pegasus Jet Engine present in the front of our department. The afternoon session comprises of real time comparison of noise produced due to a baseline nozzle and a lobe type nozzle. Open to students, hobbyists, and space enthusiasts, this workshop requires no prior experience. By the end of the session, attendees will gain practical aerospace knowledge, a certificate of participation.

OUTCOMES

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

- Describe the working principle of gas turbine engines, including turbojet, turbofan, and turboprop configurations.
- Identify major jet engine components such as compressor, combustion chamber, turbine, and exhaust nozzle.
- Explain thrust generation and performance parameters, including specific thrust and TSFC.
- Perform basic handling and inspection procedures following safety protocols for jet engine systems.
- Understand operational considerations such as starting sequence, airflow management, and engine limitations.

SCHEDULE

TIMING	EVENT
09:30 AM – 10:00 AM	Introduction to Jet Engines and Aircraft Propulsion
10:00AM – 11:00 AM	Jet Engine Components and Working Principles
11:00 AM – 11:30 PM	Visit to Pegasus Jet Engine Facility
11:30 PM – 12:25PM	Hands-on Experience with Jet Engine Systems

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

REGISTRATION FEE:

- INR 299/- PER HEAD (ONLY JETHANDLING)
- INR 499/- PER HEAD FOR IC ENGINE AND JET HANDLING COMBO (LUNCH WILL BE PROVIDED)

FOR ANY QUERIES, CONTACT:

HARI AKSHAY

PHONE: 7604853098

EMAIL:

hariakshaysk@gmail.com

HARINI S

PHONE: 7305715399

EMAIL:

kksharini856@gmail.com

JETHANDLING WORKSHOP

