



FLIGHT 2025

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

JET HANDLING WORKSHOP

APRIL 5

09:00 AM- 04:00 PM

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.

AGENDA:

- ❖ Seminar on Working and operations of micro turbojet engine.
- ❖ Demonstration of working of micro jet engine.
- ❖ Familiarisation of Rolls Royce Pegasus Jet Engine.
- ❖ Experimental Demonstration of various jet noise reduction methods.

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

REGISTRATION FEES: INR 300/- per head

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