



FLIGHT 2025

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

BASICS OF FLIGHT WORKSHOP

APRIL 6

INTRODUCTION AND DESCRIPTION

Ever wondered how a giant metal bird defies gravity and soars through the skies? Unlock the secrets of flight in a way that's interactive, visual, and exciting! Tailored specifically for first and second-year Aerospace students, as well as passionate aero-enthusiasts, our workshop takes you beyond textbooks and into the heart of aeronautics. It has been designed to bridge the gap between theoretical concepts and real-world applications in the fascinating field of aviation. Picture this: unraveling the secrets of flight, getting up close with real airplanes, and exploring the intricacies of engines—all while engaging in interactive sessions and dynamic activities. You'll not only see and touch the marvels of aviation but also feel the thrill of discovery as you connect theory to reality. From the mechanics of lift to the roar of an engine, this immersive workshop promises to be a gateway to exploration and unbridled enthusiasm for the science and wonder of aviation.

So, fasten your seatbelts and get ready to experience aviation like never before—hands-on, immersive, and packed with thrilling discoveries!

SCHEDULE

TIMING	EVENT
09:30 AM - 10:30 AM	Introduction to Aeronautics, Lift generation
10:30 AM - 11:45 AM	Anatomy of Aircraft
11:45 AM - 12:30 PM	Visit to Aircrafts at MIT
12:30 PM - 01:25 PM	Lunch break
01:30 PM - 02:30 PM	Fun Activities
02:30 PM – 03: 30PM	Introduction to Aircraft Engines
03:30 PM – 04:30 PM	Visit to Engines at MIT

OUTCOMES

By the end of the workshop, participants will:

- Have a strong foundational understanding of aeronautics and flight principles and visualise concepts.
- Gain practical exposure by observing aircraft and engines firsthand.
- Develop a deeper passion for aeronautics, inspiring further exploration in the field.
- Connect theoretical knowledge with practical insights, bridging the gap between classroom learning and real-world applications.

“BOOKLET ON THE BASICS OF FLIGHT WILL BE PROVIDED”

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

REGISTRATION FEE: INR 299/- PER HEAD

LUNCH WILL BE PROVIDED

For any queries, contact:

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