



FLIGHT 2025

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

GLIDER MODELLING AND COMPETATION

APRIL 6

10:00 AM- 03:00 PM

DESCRIPTION:

This event introduces participants to the fundamentals of glider design and aerodynamics. Participants will design, build, and test their own gliders using lightweight materials. The competition will evaluate flight performance based on distance, time aloft, and accuracy. It is a **team-based competition**, where each team must consist of **three members**. Open to students, hobbyists, and aviation enthusiasts, no prior experience is required. By the end of the event, attendees will gain practical aerospace knowledge and a certificate of participation. Expert guidance will be provided throughout the workshop to help participants refine their designs.

AGENDA:

- Seminar on glider aerodynamics and design principles
- Hands-on glider construction session
- Flight testing and performance tuning
- Competition rounds based on distance, endurance, and accuracy

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

REGISTRATION FEES: INR 600/- (per team)

For any queries, contact:

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