



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



REGISTER NOW

Presents

FLIGHT'26



FOR MORE INFO

RC PLANE BUILDING

WORKSHOP

RC PLANE BUILDING KIT
 WILL BE PROVIDED

2 DAYS
 WORKSHOP



MIT



MARCH 21 & 22



9.30AM to 4.30 PM

REGISTRATION FEE:

2999/-

(FOR A TEAM OF MAX 4)

FOR BULK REGISTRATIONS
 AND EARLY REG (BEFORE MARCH
 10) OFFERS

(CONTACT : 8903081003)

CONTACT:

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RC PLANE BUILDING

INTRODUCTION AND DESCRIPTION

Unmanned Aerial Vehicles (UAVs) are a rapidly developing sector across various industries and applications. An RC building workshop is a hands-on gathering where enthusiasts and hobbyists come together to construct and customize radio-controlled aircraft.

Participants engage in collaborative learning, sharing insights on design principles, construction techniques, and the integration of remote-controlled systems. These workshops provide a practical platform for individuals interested in combining model building with remote-control technology, while exchanging ideas and troubleshooting challenges to enhance their skills.

An RC (Radio-Controlled) plane is a scaled-down model aircraft operated through a radio control system or an onboard controller. Constructed from lightweight materials such as balsa wood or foam, these aircraft are powered by electric motors or internal combustion engines. The radio system allows users to control throttle, ailerons (roll), elevators (pitch), and rudder (yaw). Through this workshop, participants learn the fundamentals and analysis of flight principles, electronics integration, mechanical functions, and the working of scale-model aircraft systems.

OUTCOMES

By the end of the workshop, participants will:

- Gain in-depth knowledge about processes in building of RC planes.
- Gain Hands-on experience in building of RC planes and use of software.
- Take away the RC plane they built with servos and other electronics.

SCHEDULE: 21 MARCH

TIMING	EVENT
09.00 AM - 09.45 AM	Inauguration
10.00 AM - 12.30 PM	Introduction to RC Planes,
12.30 PM - 1.25 PM	Lunch Break
01:25PM - 03.00 PM	Designing and Assembling of Parts

SCHEDULE: 22 MARCH

TIMING	EVENT
09.15 AM - 12.30 PM	Design, Fabrication and Assembling of RC Planes
12.30 PM - 1.25 PM	Lunch Break
01.30 PM - 03.00 PM	Validation and Testing of RC Planes

KIT WILL BE PROVIDED, AND PARTICIPATION CERTIFICATES WILL BE AWARDED TO ALL PARTICIPANTS. EACH TEAM WILL RECEIVE A TAKEAWAY KIT INCLUDING THE COMPLETED RC MODEL (WITH COROPLAST SHEETS AND BOARDS), FOUR SERVOS, REQUIRED ELECTRONICS, CONNECTING CABLES, AND A PROPELLER.)

REGISTRATION FEE: INR 2999/- PER TEAM WITH 1 TO 4 MEMBERS. (LUNCH WILL BE PROVIDED)

FOR ANY QUERIES, CONTACT:

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