



**FLIGHT
2023**

**MADRAS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AEROSPACE ENGINEERING
ASSOCIATION OF AERONAUTICAL ENGINEERS
COMPOSITE WORKSHOP DAY-2**

APRIL 9

INTRODUCTION

Being widely used in various industries, composites have created a large and enormous need which in turn created a negligible curiosity and unquenchable thirst in the minds of the engineers. Due to their unique combination of strength, light weight, and versatility, composites make their way through every nook and corner of our day-to-day needs. However, despite their many advantages, composites are also susceptible to damage and degradation over time.

DESCRIPTION

In this workshop, we will focus on the repair of composite structures whose fabrication is already illustrated and done on the previous day. The physical repair of the composite is to be carried out by damaging the composite fabricated. Also, the testing of the repaired

composite is done for analyzing how much impact did the damage and the repair has caused for the composite samples.

SCHEDULE FOR THE DAY

09.00 am - 09.45 am	Inauguration
09.45 am – 12.30 pm	Damaging the composite sample and repairing the sample
12.30 pm – 01.30 pm	Lunch break
01.30 pm – 03.00 pm	Testing of the damaged composite sample using Universal Testing Machine (UTM)
03.00 pm – 03.15 pm	Vote of thanks

KIT will be provided

The cost for attending any one of the workshop is ₹499 per participant and ₹799 per participant for both the workshops. This fee includes all materials, handouts, and resources provided during the workshop, as well as any refreshments or snacks that will be offered.

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL CANDIDATES.

OUTCOMES

By the end of this workshop, the students will

- Acquire the knowledge and skills to assess, repair, and maintain composite structures, ensuring their long-term performance and safety.
- Gain in-depth knowledge on composites and learn to fabricate composites.
- Hands-on experience in fabrication and repair of composite material.

CONTACT DETAILS

For any queries,

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