



## **FLIGHT 2024**

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

### **CATIA AND 3D PRINTING WORKSHOP**

**MARCH 16**

#### **Description:**

Unlock the world of advanced 3D modeling and bring your ideas to life with our comprehensive workshop on CATIA software and 3D printing.

Whether you're a beginner looking to dive into the realm of computer-aided design (CAD) or an experienced professional aiming to enhance your skills, this workshop is tailored to meet your needs !

## **Key Features:**

### **CATIA Software Training:**

- Learn the fundamentals of CATIA, a powerful and industry-standard CAD software used in various fields such as aerospace, automotive, and product design.
- Master essential features and tools for creating detailed 3D models, assemblies, and drawings.

### **Hands-On Projects:**

- Engage in practical, hands-on exercises designed to reinforce your understanding of CATIA concepts.
- Work on real-world projects to apply your newly acquired skills and gain confidence in your ability to tackle complex design challenges.

### **Introduction to 3D Printing:**

- Explore the exciting world of 3D printing and understand its applications in prototyping, manufacturing, and product development
- Gain insights into different 3D printing technologies, materials, and techniques.

### **Design for 3D Printing:**

- Learn best practices for designing models specifically for 3D printing, considering factors such as support structures, layer orientation, and printability.
- Understand the importance of optimizing designs for efficient and successful 3D printing outcomes.

### **Interactive Sessions:**

- Engage in interactive Q&A sessions with experienced instructors, providing you with the opportunity to clarify doubts and seek guidance on specific design challenges.

### **Networking Opportunities:**

- Connect with fellow participants, industry professionals, and instructors, fostering a collaborative learning environment.

### **Certificates and Resources:**

- Receive a certificate of completion to showcase your newly acquired skills.

### **Event Format:**

The Event takes place in 2 sessions:

1. 09.00 AM– 12.00 PM: CATIA Workshop
2. 01.30 PM– 04.00 PM: 3D Printing

### **Eligibility:**

- Competitors are required to produce their college ID during participation.
- 1 members/team (or) 2 members/team (or) 3 members/team

***PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS.***

**REGISTRATION FEE: ₹300 per team**

**For any queries, contact:**

1. HARISANJAY G

Phone: +91 7904807597

Email: [harisanjayg@gmail.com](mailto:harisanjayg@gmail.com)