

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



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PRESENTS
FLIGHT '26

CFD WORKSHOP



MIT



9:30 AM - 4:30 PM



21 MARCH 2026

**REGISTRATION
 FEE
 399/- PER HEAD**

CONTACT : DEEPAK R (9042599223)

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aae.mitindia.edu

CFD WORKSHOP

INTRODUCTION AND DESCRIPTION:

Join us for an immersive hands-on workshop on ANSYS as part of our symposium! This session is designed for students, researchers, and professionals eager to enhance their skills in analyzing engineering components with industry-standard tools in the domain of Computational Fluid Dynamics (CFD)

OUTCOMES

- Understanding the fundamentals and governing equations of Computational Fluid Dynamics (CFD).
- Geometry preparation and mesh generation methodologies for numerical flow simulations.
- Application of CFD techniques for analyzing fluid flow behavior under various boundary and operating conditions.
- Interpretation and evaluation of simulation results for flow visualization and performance assessment.

ENTRY: INDIVIDUAL ONLY. STUDENT ID IS MANDATORY.

REQUIREMENTS: BRING YOUR LAPTOP (MIN. 8GB RAM WITH ANSYS STUDENT PRE-INSTALLED) OR USE THE COMPUTER SYSTEMS PROVIDED.

PERKS: ALL NECESSARY STATIONERY WILL BE PROVIDED.

SCHEDULE

Time	Session
09:30 AM - 10:30 AM	Fundamentals of CFD and Governing Principles
10:30 AM - 11:30 AM	Introduction to CFD Software and Workflow
11:30 AM - 12:30 PM	Meshing, Boundary Conditions and Solver Setup
12:30 PM - 01:25PM	Lunch Break
01:25PM - 03:00 PM	Hands-on Session on CFD Softwares
03:00 PM - 04:30 PM	Solving Practical Problem Statements and Result Analysis

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS AND COMPLETE GUIDE TO SOFTWARE AND TUTORIAL VIDEOS WILL BE PROVIDED

REGISTRATION FEE: INR 399/- PER HEAD (LUNCH WILL BE PROVIDED)

FOR ANY QUERIES, CONTACT:

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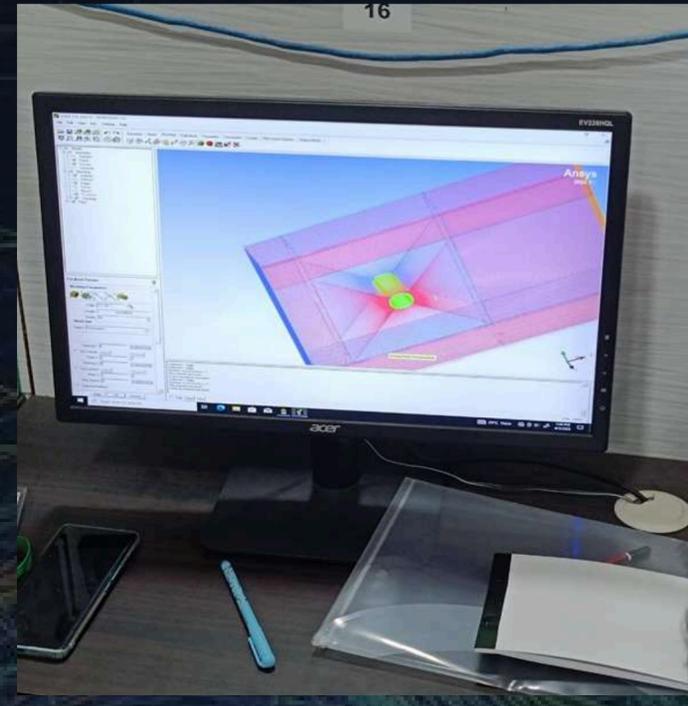
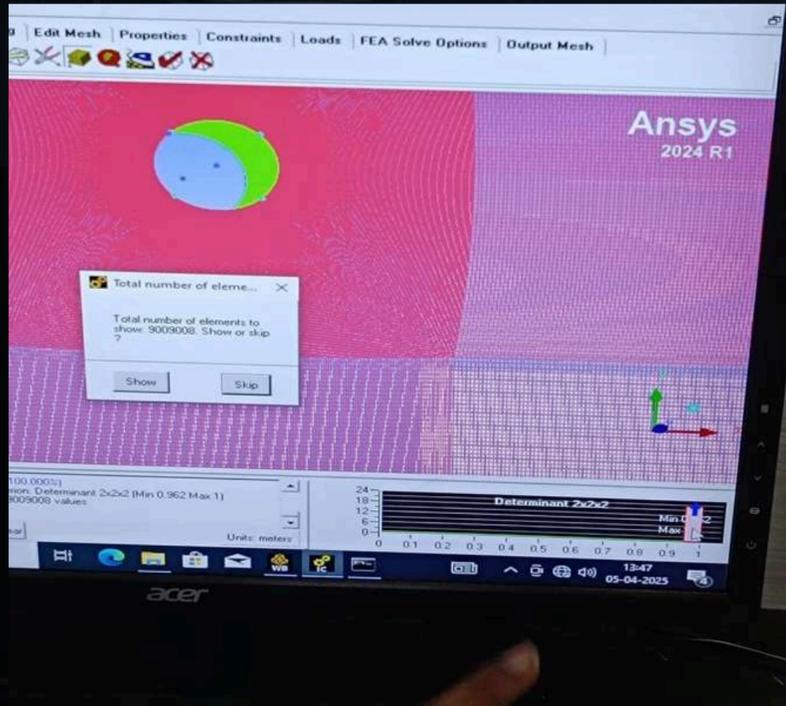
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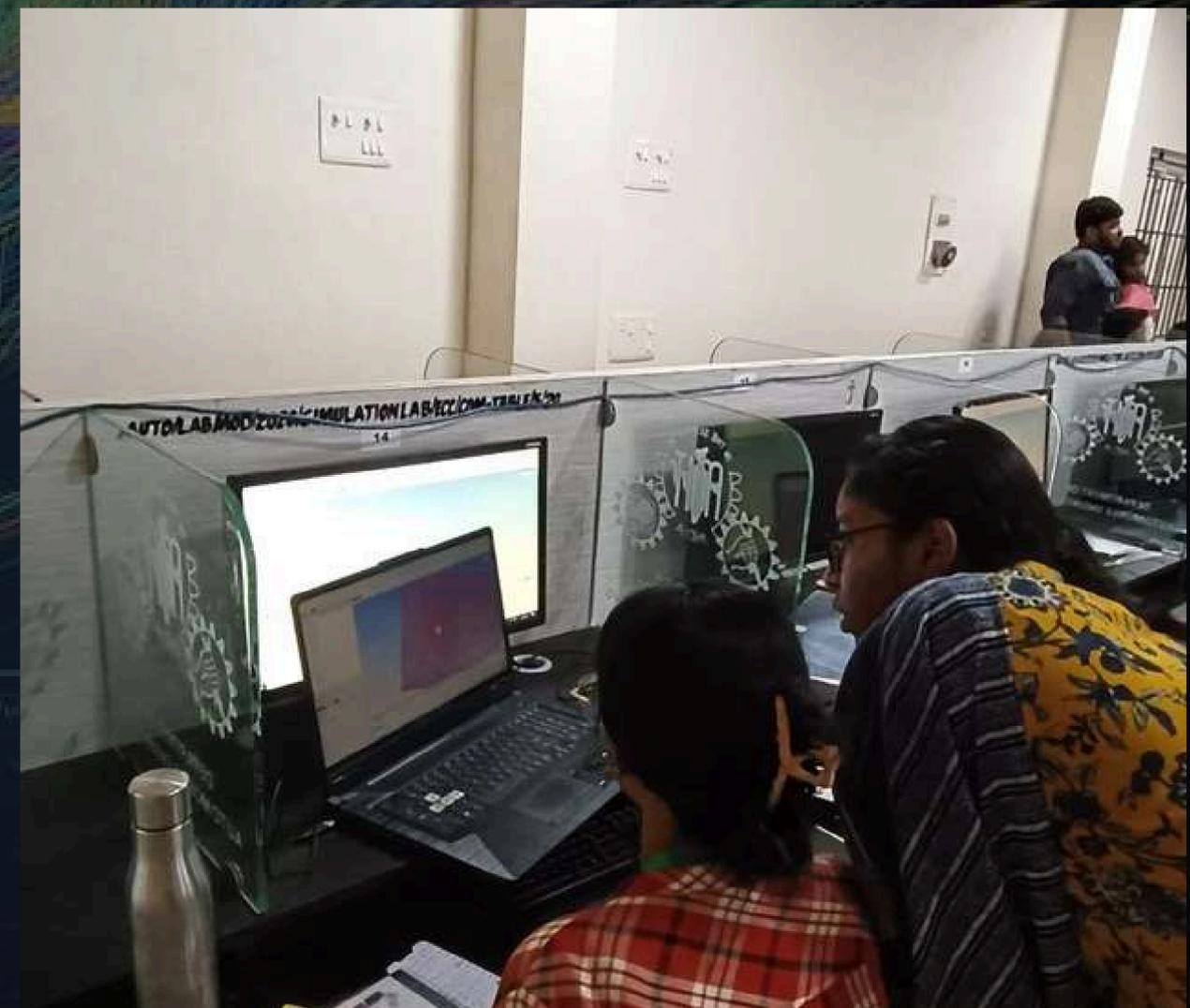
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CFD WORKSHOP



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