

Department of Automotive and Aeronautical Engineering

organizes

Five-Day Faculty-Development Programme

on

ANSYS Mechanical, CFD & Multiphysics

15, 16, 22, 23 & 24 April 2024



**Entuple Technologies
Bangalore**

Venue:

D-502 Computer Lab
Ramaiah Technology Campus
Ramaiah University of Applied Sciences
Bangalore - 560058

Coordinators:

Dr. M. Sivapragasam
Mr. V. R. Kiran

SCHEDULE

Date	Time	Title
15-04-2024 Monday	10:00 AM to 1:00 PM	Overview of the Ansys Products & its Applications and Workflow
	2:00 PM to 5:00 PM	SpaceClaim for Mechanical Workshop on SpaceClaim
16-04-2024 Tuesday	10:00 AM to 1:00 PM	Ansys Mechanical Structural, Thermal, Vibration Analysis Topology Optimization, Contact Analysis, Nonlinear Analysis
	2:00 PM to 5:00 PM	Setting Up the domain and Setting Up Physics Workshop practice
22-04-2024 Monday	10:00 AM to 1:00 PM	Overview of Ansys CFD and its Workflow Preprocessing Geometry for CFD Setting up Domain, Physics, Solving & Postprocessing in Ansys Fluent
	2:00 PM to 5:00 PM	Hands-on Session: Turbulent Flow Analysis
23-04-2024 Tuesday	10:00 AM to 1:00 PM	Turbulent flow Modeling Heat transfer Modeling Transient Modeling
	2:00 PM to 5:00 PM	Hands-on Session: Heat Transfer Analysis
24-04-2024 Wednesday	10:00 AM to 1:00 PM	Overview of Ansys Multiphysics Introduction to Fluid-Structure Interaction System Coupling Basics
	2:00 PM to 5:00 PM	Hands-on Session: Fluid-Structure Interaction

Registration Link: <https://forms.gle/E1U35J33z3aDuCg46>