

Training Programm on CAD/CAM using Fusion 360 software and CNC Machines

Organized By

Engineering Department Mechanical and Industrial Engineering Section



Date: 24.01.2022 to 27.01.2022

Objectives of the Workshop

- ❖ · To classify CAD/CAM techniques
- ❖ · Solid Modeling and Surface Modeling Approaches
 - ❖ · Hands on Training using Fusion 360 software
- ❖ · Hands on Training using CNC Milling & Turning Machines

Training Programm Schedule				
Day	Date	Time	Lecturer/Instructor	Topics
Monday	24/1/2022	9:00 AM to 10:30 AM	Dr.V.Sivananth	Fusion 360 User interface, Sketch-2D model Dimensions, Constraints, Part Modeling and assembly
		11:00 AM to 1:00 PM	Dr.V.Sivananth/Rey/Jose/Sathya	Hands on Practice Session – Fusion CAD Module
Tuesday	25/1/2022	9:00 AM to 10:30 AM	Dr.V.Sivananth	Introduction to CAM and its Setting ,Tool Libraries,2D and 3D Tool Paths and Simulations for Milling and Turning Operations
		11:00 AM to 1:00 PM	Dr.V.Sivananth/Rey/Jose/Sathya	Hands on Practice Session – Fusion CAM Module
Wednesday	26/1/2022	9:00 AM To 10:30 AM	Dr.V.Sivananth/Rey/Jose/Sathya	Hands on Practice Session -CNC Milling Machine
		11:00 AM to 1:30 PM		Hands on Practice Session -CNC Turning Machine
Thursday	27/1/2022	9:00 AM To 10:30 AM	Dr.V.Sivananth/Rey/Jose/Sathya	Hands on Practice Session -CNC Milling Machine
		11:00 AM to 1:30 PM		Hands on Practice Session -CNC Turning Machine

Note: **Additional Training:** 30.1.2022 to 2.2.2022 from 9 AM to 1 PM Hands on training session on CNC machines for all technicians