



Department of Mechanical Engineering

CAD/CAM LAB

Objectives:

This Lab introduces students to software and equipments associated with CAD/CAM

This Lab helps students to build their basic concepts about CAD/CAM

This Lab helps students to learn the following using different CNC Machine's

1. Basic working principal.
2. Axis movements.
3. G & M code Development.
4. Programming and Test run of Programmed part.

OUT COMES:

1. Design and draft the product drawings.
2. Analyze, synthesize and control the design parameters to manufacture highly reliable products.
3. Identify potential changes in design as they are altered and influenced by advancements in manufacturing processes.
4. Understand the constructional features of a CNC machine.
5. Write a manual part programming to manufacture a product on CNC Machines.