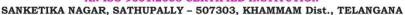


MOTHER TERESA

INSTITUTE OF SCIENCE & TECHNOLOGY Permanently Affiliated to JNTUH, Hyderabad







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.