

HIGHER NITEC IN MECHANICAL ENGINEERING

Electives (Course Specific)

Conventional Machining

On completion of the module, students should be able to perform machining operations on conventional lathe and milling machines.

Jig and Fixture Design

On completion of the module, students should be able to design and draw a drill jig, turning and milling fixture using CAD software.

Product Prototyping

On completion of the module, students should be able to create simple design of a product using 3-D CAD software and produce a 3-D model of it using basic prototyping devices.

Cobot Automation in Manufacturing

On completion of this module, students should be able to set up the cobot system and program the cobot to perform basic manufacturing operations like pick and place and packaging task.