

## Student Internship Program on CNC Programming and Machining

**Batch size: 24 members**

**Duration: 1 Month**

**This program undergo training on CNC manufacturing, In which student will learn different concept of CNC Programming for Turning & Milling, Turning on machine, CAM etc. On completion of this course, participant will become expert in the CNC domain and also will improve the opportunities to get Job w.r.t. CNC domain.**

<b>Week 1</b>	Drawing reading, Turning- Numerical Control Programming Introduction to CNC, Basics of CNC Turning Programming, CNC Turning Canned Cycle Programming for Facing, OD Turning, ID Turning, Step Turning, Contour Turning, Grooving, Threading, Cut-Off Operations.
<b>Week 2</b>	Operating and Machining on CNC Turning Machine Working on Industrial Examples with different operations like Facing, OD Turning, ID Turning, Step Turning, Contour Turning, Grooving, Threading, Cut-Off Operations.
<b>Week 3</b>	Milling- Numerical Control Programming Basic Milling Programming, Milling Canned Cycles on Facing, contour Milling, Slotting, Pocketing, Drilling, Reaming, Spigot and Thread Cutting Operations.
<b>Week 4</b>	NX- CAM Manufacturing Fundamentals Introduction to CAM and 3 Axis machining like planner profile Machining, Facing, Cavity Milling, Text Machining, Z Level Machining