

SN.

Equipment/software Detail

1. XLTURN (CNC Lathe Machine)



2. START MILL (CNC Milling Machine)



3. Cut Viewer Turn: Offline Software, 10 licenses
4. Cut Viewer Mill: Offline Software, 10 licenses

List of Experiments

SN.	Title
1.	Introduction to Computer Aided Manufacturing Systems.
2.	Operation with Single Turning Cycle (G90) for Simple Turning and Step turning.
3.	Circular interpolation by G02 and G03 on STAR MILL with incremental and absolute programming.
4.	Use of Single Turning Cycle (G90) for taper turning on turning center.
5.	Cutter compensation on STAR MILL.
6.	Simple and Taper Facing Cycle (G94) on Turning Center.
7.	Use Mirroring command on STARMILL.
8.	Drilling, Grooving and Threading cycles on Turning Center.
9.	Circular pocketing and rectangular pocketing cycle on STAR MILL.
10.	Multiple Turning stock removal, Multiple Facing stock removal and pattern repeating cycles on Turning Centers.
11.	Different boring cycles on STAR MILL.