

<b>I Year M.Tech. CAD/CAM/CAE</b>	<b>Semester - II</b>	<i>L</i>	<i>T</i>	<i>P</i>	<i>Tot.</i>	<i>C</i>
		-	-	3	3	2

**(ME 566) COMPUTER NUMERICAL CONTROL Lab.**

***Objective of the course:***

*To train the students to write the part programme for CNC machine tools with the help of packages.*

**List of Experiments:**

1. Generation of part programs on CNC Lathe machine to perform the following operations:
  - i. Step Turning
  - ii. Taper Turning and
2. Part Program for thread cutting using Canned cycle.
3. Generation of part programs on CNC drilling machine.
4. Generation of part programs on CNC milling machine to perform
  - i. Slot milling
  - ii. End milling and
5. Cutting tool path generation using any one simulation package for different machining operations.
6. Graphical simulation of tool path.

Suggested Software Packages : MASTER CAM, Edge-CAM etc.