

## **CC5211 CAM LABORATORY**

### DETAILED SYLLABUS

#### **EXPERIMENTS OF CAM LAB**

Simulation and Machining using CNC / DNC Machine Tools – Use of FEM Packages – Relational Data Base – Networking – Practice on Computer Aided Measuring Instruments – Image Processing – Software Development for Manufacturing – CNC Controllers – Use of advanced CNC Machining Packages – Business Data Processing.

#### **EQUIPMENTS FOR CAM LAB**

1. CAM Software for tool path generation for planer machining, contour machining, drilling, turning etc. & post processing modulus for different CNC controllers : 10 Nos
2. Medium production type CNC turning center with popular industrial type controller : 1
3. Medium production type CNC machining center with popular industrial type controller:1
4. Bench Model CMM: 1
5. Vision & image processing software: 2
6. Data Processing Software: 2