

Faculty of Mechanical Engineering
M.E. Computer Integrated Manufacturing
(R 2017) Semester – I
CM5111 CIM Laboratory - I
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Computers	25		
2.	CNC Router Machine/CNC Lathe/CNC Milling Machine	1		
3.	CAD software (Solidworks/CATIA/Pro-E)	25		
4.	FEA Software (PATRAN/NASTRAN/MARC/ABAQUS/LS-DYNA/ANSYS/PAM-CRASH)	25		
5.	CAM Software for CNC machining/simulation (CAPSMill & CAPSTurn / EDGECAM / MASTERCAM / Delcam)	25		

Faculty of Mechanical Engineering
M.E. Computer Integrated Manufacturing
(R 2017) Semester – II
CM5211 CIM Laboratory - II
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Computers	25		
2.	PLC trainer kit	1		
3.	Video Measuring System (VMS)	1		
4.	Robot - Pick and place	1		
5.	Coordinate Measuring Machine (CMM)	1		
6.	Digital Height Gauge	1		
7.	PLC Software	25		
8.	Robot programming Software	1		
9.	Mat Lab	1		