Faculty of Mechanical Engineering

M.E. Product Design and Development
(R 2017) Semester –I
ED5161 CAD LABORATORY
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Modeling and drafting of Mechanical components – Assembly using Parametric and feature based Packages like PRO-E / SOLID WORKS /CATIA / NX etc	25		
2.	Printer	1		

Faculty of Mechanical Engineering

M.E. Product Design and Development

(R 2017) Semester – I
ED5162 ADVANCED ANALYSIS AND SIMULATION LABORATORY

(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Simulation Software – kinematics and dynamics simulation software like ADAMS , MATLAB etc	25		
2.	Analysis software – FEA Packages like ANSYS / NASTRAN ABAQUS etc	25		
3.	Color Printer	1		

Faculty of Mechanical Engineering

M.E. Product Design and Development

(R 2017) Semester – II
PD5211 PRODUCT DESIGN LABORATORY

(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Software ANSYS	25		
2.	SYSTEM MODEL (HP WORKSTATION XW 4600, DELL T1700, FUJITSU Celsius) CONFIGURATION 21.5" LCD MONITOR, Intel Xeon CPU Processor @3.50 GHz, 500 GD HDD, 2 (Or)4 GB RAM, NVidiaGraphics Adapter 2GB	25		