

Faculty of Mechanical Engineering
M.E. Product Design and Development
(R 2021) Semester – I

Course Code: PD4111		
Course Title : CAD Laboratory and Multibody Dynamics Laboratory		
Sl. No.	Description of Equipment	Required member (for batch of 25 students)
1.	Modeling packages like Pro- E/ Solid works/ CATIA/ NX etc.	30 license
2.	ADAMS	30 license

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Course Code: PD4112 Course Title : Reverse Engineering Laboratory		
Sl. No.	Description of Equipment	Required members (for batch of 25 students)
1.	Coordinate Measuring Machine (CMM)	1 license
2.	3D Laser Scanner	1 license
3.	Reverse Engineering software and 3D Modeling software	15 license

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PD4211 ADVANCED ANALYSIS AND SIMULATION LABORATORY

Sl. No.	Description of Equipment	Required members
1.	ANSYS	20 Users
2.	Desktop Computers	20 Nos.
3.	Finite Element Analysis packages	

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PD4261 PRODUCT DESIGN LABORATORY

Sl.No.	Description of Equipment	Required Numbers
1.	Fused Deposition Modeling Machine	1 Nos
2.	Digital Light Processing Machine	1 Nos