






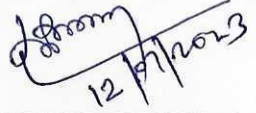
Department of Automobile Engineering	LP: AE18512 Rev. No: 01
B.E/B.Tech/M.E/M.Tech : Automobile Engineering Regulation: 2018	Date: 26.07.2022
PG Specialisation : NA	
Sub. Code / Sub. Name : AE18512 - CAD/CAM LABORATORY	

Session No.*	List of Experiments
CYCLE-I	
1	Introduction of 3D Modeling software Part Modeling of Protected Flange Coupling
2	Assembly of Protected Flange Coupling and Detailing with bill of materials.
3	Modeling and Assembling of Screw Jack
4	Modeling and Assembling of Universal Joint
5	Modeling and Assembling of Piston
6	Modeling and Assembling of Connecting Rod
7	Modeling and Assembling of Crankshaft
8	Modeling and Assembling of Camshaft
9	Modeling and Assembling of Clutch
CYCLE-II	
10	Facing, Turning, Taper turning, Linear Interpolation, Threading using normal cycle
11	Facing, Turning, Taper turning, Linear Interpolation, Threading using canned cycles
12	Facing, Turning, Chamfering, Taper turning, Circular Interpolation, Threading using canned cycles
13	Linear profile cutting and pocketing
14	Drill, Peck-Drill, Bore, Tap- Using canned cycles.
15	Revision
Content beyond syllabus (if any):	

* Session Duration: 150 minutes



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	Prepared by	Approved by
Signature		
Name	K. Paul Durai	Dr. J. Venkatesan
Designation	Assistant Professor	Professor & HoD
Date	26.07.2022	26.07.2022
Remarks* :	The same plan is followed for the academic year 2023-24  12/07/23	
Remarks* :	 12/07/2023	

* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD