

Subject Code: 01ME0201
Subject Name: Computer Aided Modelling
B. Tech. Year - I (Semester - 2)

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
THEORY	TUTORIAL	PRACTIAL		Theory Marks			Practical Marks		
			ESE(E)	IA	CSE	Viva (V)	Term Work (TW)		
0	0	2	-	--	--	--	50	50	100

Content :

Sr. No.	Content	Total Hrs.
1	Introduction & Understanding of Parametric Concepts: Understanding of Parametric, Feature-based, and Associative Concepts	03
2	Selecting and Editing of Geometry, Feature, and Models: Understanding of Creo® Interface Define Sketcher for Feature	05
3	Creating Extrude, Revolve, Rib, Blend, Sweep, and Datum Feature: Extrude as Solid and Solid Cut Extrude as Thicken Solid and Thicken Cut Revolve as Solid & Solid Cut Revolve as Thin Solid & Thin Solid Cut Profile Rib Trajectory Rib	10
4	Creating Sweep Blend, Sweep, and Datum Feature: Create Sweep as a Solid and Solid Cut Create Sweep as a Thin Solid and Thin Solid Cut Creating Sweep Blend as a Solid Feature and Solid Cut Creating Sweep Blend as a Thin Solid Feature and Thin Solid Cut Create a Datum Plane Create Axis, Point, and Co-ordinate	10
5	Creating Round, Chamfer, Hole, Shell, and Draft: Hole Shell Draft Round Chamfer	02

Distribution of Theory Marks

R Level	U Level	A Level	N Level	E` Level	C Level
10	30	25	15	10	--

Legends: **R:** Remember; **U:** Understand; **A:** Apply; **N:** Analyze; **E:** Evaluate; **C:** Create