

STUDY AND EVALUATION SCHEME OF (CAD/ CAM)

FIRST SEMESTR

SR. NO	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
1.1	Communication skill- I (030011)	3	-	2	25	25	100	3	50	3	200
1.2	Applied Mathematic I (030012)	4	1	-	50	-	100	3	-	-	150
1.3	Applied Physics –I (030013)	4	-	2	25	25	100	3	50	3	200
1.4	Applied Chemistry-I(030014)	2	-	2	25	25	100	3	50	3	200
1.5	Basics of Information Technology-I	-	-	4	-	50	-	-	100	3	150
1.6	Engineering Drawing –I (030015)	-	-	6	-	50	100	3	25 (viva)	2	175
1.7	General Workshop Practice -I	-	-	6	-	50	-	-	100+	3	150
	Student Centered Activities	-	-	4	-	25	-	-	-	-	25
	Total	13	1	26	125	250	500	-	375	-	1250

+Including 25 marks for viva-voce

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SECOND SEMESTER

Sr. No	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
2.1	Communication skill- II (030021)	3	-	2	25	25	100	3	50	2	200
2.2	Applied Mathematic- I I (030022)	4	1	-	50	-	100	3	-	-	150
2.3	Applied Physics –I I (030023)	3	-	2	25	25	100	3	50	3	200
2.4	Programming in C (030825)	2	-	2	25	25	100	3	50	3	200
2.5	Applied Mechanics (030026)	3	-	2	25	50	100	-	100	3	200
2.6	Engineering Drawing –I I (030025)	-	-	6	-	50	100	3	25 (viva)	2	175
2.7	General Workshop Practice I I	-	-	6	-	50	-	-	100+	3	150
	Student Centered Activities	-	-	4	-	25	-	-	-	-	25
	Total	15	1	24	150	225	600	-	325	-	1300

+Including 25 marks for viva-voce

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THIRD SEMESTER

SR. NO	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
3.1	Metrology (084532)	3	-	4	25	25	100	3	50	3	200
3.2	*** Strength of Materials (031731)	3	1	2	25	25	100	3	50	3	200
3.3	*** Basics of Electrical and Electronics Engineering (030136)	3	-	2	25	25	100	3	50	3	200
3.4	** Workshop Technology I (031733)	3	-	-	25	-	100	3	-	-	125
3.5	** Machine Drawing (031734)	-	-	6	-	50	100	3	-	-	150
3.6	** Workshop Practice I	-	-	9	-	100	-	-	100	3	200
	Student Centered Activities	-	-	4	-	25	-	-	-	-	25
	Total	12	1	27	100	250	500	-	250	-	1100

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FOURTH SEMESTER

SR. NO	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
4.1	CAM (084545)	3	-	2	25	25	100	3	25	3	175
4.2	Jigs, Fixtures and Gauges Design & Drawing (031843)	3		3	25	25	100	3	50	3	200
4.3	Material Science (084542)	3	-	2	25	25	100	3	50	3	200
4.4	Relational Database Management System (030843)	3	-	3	25	25	100	3	50	3	200
4.5	** Workshop Technology-II (031744)	3	-	-	25	-	100	3	-	-	125
4.6	** Workshop Practice-II	-	-	6	-	100	-	-	100	-	200
4.7	***CAD-I	-	-	4	-	50	-	-	100	3	150
	Student Centred Activities	-	-	5	-	25	-	-	-	3	25
	Total	15	-	25	125	250	500	-	325	-	1275

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FIFTH SEMESTER

SR. NO	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
	Industrial training for 4 week during Vacations				-	100	-	-	100	3	200
5.1	CNC Machines & Automation (031755)	3	-	-	25	-	100	3	-	-	125
5.2	Comp Aided Design & Drafting (084552)	3	-	4	25	25	100	3	25	3	175
5.3	Low Cost Automation and Production System (084551)	3	-	2	25	25	100	3	50	3	200
5.4	**Workshop Technology –III (030853)	3	-	-	25	-	100	3	-	-	125
5.5	**Workshop Practice –III	-	-	6	-	100	-	-	100	3	200
5.6	***CAD-II	-	-	5	-	50	-	-	100	3	150
5.7	CAM Practice-I	-	-	4	-	25	-	-	50	3	75
	Student Centred Activities	-	-	6	-	25	-	-	-	-	25
	Total	12	-	27	100	350	400	-	425	-	1275

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SIXTH SEMESTER

SR. NO	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max Marks	Max Marks	Max Marks	Hrs	Max Marks	Hrs				
6.1	Robotics (062455)	4	-	-	50	-	100	3	-	-	150
6.2	Press Tool Design & Drawing (031832)	3	-	2	25	25	100	3	50	3	200
6.3	Installation Testing & Maintenance (031765)	2	-	3	25	25	100	3	50	3	200
6.4	Industrial Engineering and Management (084561)	5	-	-	50	-	100	-	-	-	150
6.5	*** Workshop Practice – IV	-	-	6	-	50	-	-	100	3	150
6.6	*Project	-	-	6	-	100	-	-	100	3	200
6.7	CAM Practice-II	-	-	4	-	25	-	-	50	3	75
	Student Centred Activities	-	-	4	-	25	-	-	-	-	25
	Total	14	-	25	150	250	400	-	350	-	1150

