

FOUR YEAR DEGREE COURSE IN MECHANICAL ENGINEERING
SEMESTER PATTERN (CREDIT GRADE SYSTEM)
SEMESTER - FIFTH

Appendix - B

Sr. No.	Subject Code	Subject	TEACHING SCHEME				EXAMINATION SCHEME									
			HOURS / WEEK			CREDITS	THEORY				PRACTICAL					
			Lecture	Tutorial	P/D		Total HOURS/WEEK	DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESSMENT	TOTAL	MIN. PASSING MARKS	MAX. MARKS		TOTAL	MIN. PASSING MARKS
EXTERNAL		INTERNAL														
THEORY																
01	SME01	Production Technology	4	-	-	4	4	3	80	20	100	40	-	-	-	-
02	SME02	Heat Transfer	4	1	-	5	5	3	80	20	100	40	-	-	-	-
03	SME03	Measurement Systems	4	-	-	4	4	3	80	20	100	40	-	-	-	-
04	SME04	Theory of Machines-I	3	1	-	4	4	3	80	20	100	40	-	-	-	-
05	SFEME05	Free Elective-I	3	-	-	3	3	3	80	20	100	40	-	-	-	-
PRACTICALS / DRAWING / DESIGN																
06	SME06	Production Technology-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
07	SME07	Heat Transfer-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
08	SME08	Measurement Systems-Lab	-	-	2	2	1	-	-	-	-	-	-	25	25	12
09	SME09	Theory of Machines-I-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
10	SME10	Computer Software Applications-I-Lab	-	-	2	2	2	-	-	-	-	-	25	25	50	25
Total			18	2	10	30	26	500					225			
GRAND TOTAL : 725																
Free Elective-I 1) Manufacturing Techniques 2) Ergonomics 3) Production Management 4) Project Management																
SEMESTER : SIXTH																
THEORY																
01	6ME01	Fluid Power-II	4	1	-	5	5	3	80	20	100	40	-	-	-	-
02	6ME02	Computer Software Applications	3	-	-	3	3	3	80	20	100	40	-	-	-	-
03	6ME03	Control System Engineering	4	-	-	4	4	3	80	20	100	40	-	-	-	-
04	6ME04	Theory of Machines-II	4	1	-	5	5	3	80	20	100	40	-	-	-	-
05	6FEME05	Free Elective-II	3	-	-	3	3	3	80	20	100	40	-	-	-	-
06	6ME06	Communication Skills	2	-	-	2	2	2	40	10	50	20	-	-	-	-
PRACTICALS / DRAWING / DESIGN																
07	6ME07	Fluid Power-II-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
08	6ME08	Computer Software Applications-II-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
09	6ME09	Theory of Machines-II-Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	25
10	6ME10	Communication Skills-Lab	-	-	2	2	2	-	-	-	-	-	25	25	50	25
Total			20	2	8	30	26	550					200			
GRAND TOTAL : 750																
Free Elective-II 1) Automobile Engineering 2) Non-conventional Energy Systems 3) Energy Management																

Note : Students will have to opt the free electives offered from other courses of their College / Institution / University Department