

FOUR YEAR B.TECH COURSE IN MECHANICAL ENGINEERING
SEMESTER PATTERN (CREDIT GRADE SYSTEM)

		SEMESTER : THIRD										SEMESTER : FOURTH									
		TEACHING SCHEME					EXAMINATION SCHEME					TEACHING SCHEME					EXAMINATION SCHEME				
Sl. No.	Subject Code	Subject	HOURS / WEEK			CREDITS	DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESSMENT	TOTAL	MIN. PASSING MARKS	MAX. MARKS		TOTAL	MIN. PASSING MARKS	PRACTICAL					
			Lecture	Tutorial	Total							EXTERNAL	INTERNAL			EXTERNAL	INTERNAL	INTERNAL			
THEORY																					
01	3ME01	Mathematics-III	4	1	5	5	3	80	20	100	40	-	-	-	-	-	-				
02	3ME02	Mechanics of Materials	3	1	4	4	3	80	20	100	40	-	-	-	-	-	-				
03	3ME03	Fluid Power-I	4	-	4	4	3	80	20	100	40	-	-	-	-	-	-				
04	3ME04	Engineering Thermodynamics	4	1	5	5	3	80	20	100	40	-	-	-	-	-	-				
05	3ME05	Manufacturing Process-I	4	-	4	4	3	80	20	100	40	-	-	-	-	-	-				
PRACTICALS / DRAWING / DESIGN																					
06	3ME06	Mechanics of Materials - Lab	-	-	2	2	1	-	-	-	-	-	25	25	50	12	12				
07	3ME07	Fluid Power-I - Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
08	3ME08	Manufacturing Process - Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
			19	3	6	28	25						500						125		
GRAND TOTAL : 625																					
THEORY																					
01	4ME01	Basic Electrical Drives & Control	3	1	4	4	3	80	20	100	40	-	-	-	-	-	-				
02	4ME02	Engineering Metallurgy	4	-	4	4	3	80	20	100	40	-	-	-	-	-	-				
03	4ME03	Energy Conversion-I	4	1	5	5	3	80	20	100	40	-	-	-	-	-	-				
04	4ME04	Manufacturing Process - II	4	-	4	4	3	80	20	100	40	-	-	-	-	-	-				
05	4ME05	Machine Design & Drawing-I	3	-	3	3	4	80	20	100	40	-	-	-	-	-	-				
PRACTICALS / DRAWING / DESIGN																					
06	4ME06	Basic Electrical Drives & Control- Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
07	4ME07	Engineering Metallurgy- Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
08	4ME08	Energy Conversion- Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
09	4ME09	Manufacturing Process - II - Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
10	4ME10	Machine Design & Drawing-II- Lab	-	-	2	2	1	-	-	-	-	25	25	50	25	25	25				
			18	2	10	30	25						500						250		
GRAND TOTAL : 750																					