

Branch: MECHANICAL ENGINEERING
Semester Pattern (Choice Based Credit Grade System)

SEMESTER: THIRD																	
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK			CREDITS	THEORY						PRACTICAL				
			Lecture	Tutorial	P/D		Total HRS/WEEK	Duration of Paper (Hr.)	Max. Marks Theory Paper	Internal Marks	Total	Min. Passing Marks	Max. Marks		Min. Passing Marks		
													Int.	Ext.			
THEORY																	
01	3ME01	Mathematics-III	3	1	--	4	4	3	80	20	100	40	-	-	-	-	
02	3ME02	Manufacturing Processes	3	--	--	3	3	3	80	20	100	40	-	-	-	-	
03	3ME03	Mechanics of Materials	3	--	--	3	3	3	80	20	100	40	-	-	-	-	
04	3ME04	Engineering Thermodynamics	3	--	--	3	3	3	80	20	100	40	-	-	-	-	
05	3ME05	Fluid Mechanics	3	--	--	3	3	3	80	20	100	40	-	-	-	-	
06	4ES06	**Environmental Studies	2	--	--	2	-	-	--	--	--	--	-	-	-	-	
PRACTICALS / DRAWING / DESIGN																	
07	3ME07	Manufacturing Processes- lab.	-	-	2	2	1	-	-	-	--	--	25	25	50	25	
08	3ME08	Mechanics of Materials- lab .	-	-	2	2	1	-	-	-	--	--	25	25	50	25	
09	3ME09	Fluid Mechanics- lab.	-	-	2	2	1	-	-	-	--	--	25	25	50	25	
10	3ME10	Machine Drawing- lab.	-	-	2	2	1	-	-	-	--	--	25	25	50	25	
Total			17	1	8	26	20	-	-	-	500	--	--	--	200	--	
Grand Total															700		

SEMESTER: FOURTH																	
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK			Total HRS/WEEK	CREDITS	THEORY					PRACTICAL				
			Lecture	Tutorial	P/D			Duration of Paper (Hr.)	Max. Marks Theory Paper	Internal Marks	Total	Min. Passing Marks	Max. Marks		Total	Min. Passing Marks	
													Int.	Ext.			
THEORY																	
01	4ME01	Material Science	3	-	-	3	3	3	80	20	100	40	-	-	-	-	
02	4ME02	Energy Conversion I	3	1	-	4	4	3	80	20	100	40	-	-	-	-	
03	4ME03	Manufacturing Technology	3	-	-	3	3	3	80	20	100	40	-	-	-	-	
04	4ME04	Basic Electrical Drives & Control	3	-	-	3	3	3	80	20	100	40	-	-	-	-	
05	4ME05	Hydraulic & Pneumatic Systems	3	-	-	3	3	3	80	20	100	40	-	-	-	-	
06	4ES06	**Environmental Studies	2	-	-	2	2	3	80	20	100	40	-	-	-	-	
PRACTICALS / DRAWING / DESIGN																	
07	4ME07	Material Science-lab	--	--	2	2	1	--	--	--	--	--	25	25	50	25	
08	4ME08	Manufacturing Technology-lab	--	--	2	2	1	--	--	--	--	--	25	25	50	25	
09	4ME09	Basic Electrical Drives & Control -lab	--	--	2	2	1	--	--	--	--	--	25	25	50	25	
10	4ME10	Hydraulic & Pneumatic Systems-lab	--	--	2	2	1	--	--	--	--	--	25	25	50	25	
Total			17	1	8	26	22	--	--	--	500	--	--	--	200	--	
Total															700		

Note: **The Examination of Mandatory Subject Environmental Science shall be conducted in IV Semester.