

Scheme for Second Year Four Year Undergraduate Engineering Degree Programme B.E. in MECHANICAL ENGINEERING (Semester -IV)													
Sr No.	Course Name	Code	Course Plan per Week (Hrs.)				Credits	Theory Evaluation		Practical Evaluation		Total	ESE Time Hrs.)
			L	P	T	Hrs.		IE	ESE	INT	EXT		
Core Courses													
1	Material Science (PCC-I)	4ME209PC	3	0	0	3	3	40	60			100	3 Hrs.
2	Fluid Mechanics (PCC-II)	4ME210PC	3	0	0	3	3	40	60			100	3 Hrs.
3	Energy Conversion – I (PCC-III)	4ME211PC	2	0	0	2	2	40	60			100	3 Hrs.
Laboratory Courses													
4	Material Science (PCC-I)	4ME212PL	0	2	0	2	1			25	25	50	
5	Fluid Mechanics (PCC-II)	4ME213PL	0	2	0	2	1			25	25	50	
Multidisciplinary Minor													
6	Multidisciplinary Minor –II*	4ME214M	2	0	0	2	2	20	30	-	-	50	2.00 Hrs.
Vocational and Skill Enhancement Courses													
7	Computational Methods and Programming	4ME215VS	1	2	0	3	2			50	-	50	
Open Elective other than a particular Program													
8	Open Elective- II	4ME216OE	2	0	0	2	2	20	30			50	2.00 Hrs.
HSSMC (Entrepreneurship/ Economics/ Management Course)													
9	Principles of Economics and Management	4ME217EM	2	0	0	2	2	20	30			50	2.00 Hrs.
(Ability Enhancement Course (AEC))													
10	Modern Indian Language	4SH218AE	2	0	0	2	2			25	25	50	.
Value Education Course (VEC)													
11	Universal Human Values & Ethics	4SH219VE	2	0	0	2	2	20	30			50	2.00 Hrs.
	TOTAL		19	06	0	25	22					700	

L: Lecture P: Practical T: Tutorial MSE: Mid Semester Exam ESE: End Semester Exam IE: Internal Evaluation INT: Internal EXT: External

Open Elective-II: 1) Automotive Technology 2) Sustainable Energy 3) Business Planning and Project Management

***Please refer list of Multidisciplinary Minor courses attached separately.**