

**13. Courses of Study and Scheme of Assessment
ME INDUSTRIAL ENGINEERING**

**(2021 REGULATIONS)
(Minimum No. of credits to be earned:70*)**

Course Code	Course Title	Periods / Week			Credits	Maximum Marks			CAT
		Lecture	Tutorial	Practical		CA	FE	Total	
III SEMESTER									
21MN__	Professional Elective – IV	3	0	0	3	50	50	100	PE
21_____	Open Elective	3	0	0	3	50	50	100	OE
21MN71	Project Work - I	0	0	12	6	50	50	100	EEC
Total 18hrs		6	0	12	12	150	150	300	
IV SEMESTER									
21MN81	Project Work - II	0	0	24	12	50	50	100	EEC
Total 24 hrs		0	0	24	12	50	50	100	
PROFESSIONAL ELECTIVE THEORY COURSES (Four to be opted)									
21MN21	Lean Six Sigma in Manufacturing and Service	3	0	0	3	50	50	100	PE
21MN22	Logistics Strategies and Distribution Management	3	0	0	3	50	50	100	PE
21MN23	Costing and Product Analysis	3	0	0	3	50	50	100	PE
21MN24	Project Management	3	0	0	3	50	50	100	PE
21MN25	Sequencing and Scheduling	3	0	0	3	50	50	100	PE
21MN26	Value Engineering	3	0	0	3	50	50	100	PE
21MN27	Enterprise Resource Planning	3	0	0	3	50	50	100	PE
21MN28	Human Factors and Ergonomics	3	0	0	3	50	50	100	PE
21MN29	Total Productive Maintenance	3	0	0	3	50	50	100	PE
21MN30	Human Resource Management	3	0	0	3	50	50	100	PE
21MN31	Sustainability Management	3	0	0	3	50	50	100	PE
21MN32	Entrepreneurship Development	3	0	0	3	50	50	100	PE
21MN33	Industrial Internet of Things	3	0	0	3	50	50	100	PE
OPEN ELECTIVE THEORY COURSES (One to be opted)									
21MN91	Business Analytics in Practice	3	0	0	3	50	50	100	OE
21MN92	Life Cycle Assessment and Eco-Design	3	0	0	3	50	50	100	OE
21MN93	Systems Engineering and Management	3	0	0	3	50	50	100	OE

* Indicated is the minimum number of credits to be earned by a student.

CAT – Category; PC – Professional Core; PE - Professional Elective; RMC - Research Methodology and IPR; EEC – Employability Enhancement Course; MC - Mandatory Course; Grade – Completed / Not Completed; OE – Open Elective.