

M. Tech in Industrial Engineering & Management

SEMESTER-I				
S. No.	Subject Code	Courses	L-T-P	Credits
1.	ME-411 /ME-581	Operations Research	3-1-0	4
2.	MA501	Probability and Statistics	3-1-0	4
3.	ME-503	Total Quality Management	3-0-0	3
4.	ME-573	Operations Management	3-0-0	3
5.		Organizational Behaviour	2-0-0	2
6.		Accounting and Finance	2-0-0	2
7.		Open Elective - I	2-0-0	2
		PRACTICALS		
8.	ME 575	Minor Project	0-0-3	2
9.	GP-501	General Proficiency	-----	1
		Total	18-2-3	23
		Total Contact Hours	23	

SEMESTER-II				
S. No.	Subject Code	Courses	L-T-P	Credits
1.	ME-406 / ME-540	Modelling and Simulation	3-1-0	4
2.	ME-408/ME-542	Operations Planning and Control Systems	3-0-0	3
3.	ME-555/ ME-544	Supply Chain Management	3-0-0	3
4.	ME-408 / ME-546	Flexible Manufacturing Systems	3-1-0	4
5.		Leadership & Team Building	2-0-0	2
6.		Open Elective - II	2-0-0	2
		PRACTICALS		
	ME426/ME-534	Flexible Manufacturing System Lab	0-0-3	2
	ME-536	Seminar	0-0-3	2
	GP-502	General Proficiency	-----	1
		Total	16-2-6	23
		Total Contact Hours	24	

SEMESTER-III				
S. No.	Subject Code	Courses	L-T-P	Credits
1.	ME-513/ ME-601	Computer Integrated Manufacturing	3-1-0	4
2.	ME-603	Manufacturing & Enterprise Resource Planning	3-0-0	3
3.	ME-605	Procurement and Materials Management	3-0-0	3
4.	ME-577/ ME-607	Logistics Management	3-1-0	4
5.		Specialisation Elective- II	2-1-0	3
		<u>PROJECTS</u>		
7.	ME-621	Enterprise Resource Planning Lab	0-0-3	2
8.	ME-611	Research Project (Preliminary)	1**-0-3	2
9.	GP - 601	General Proficiency	-----	1
		Total	15-3-6	22
		Total Contact Hours	24	

*** This will not be a usual lecture session, but this is one to one interaction of each student with the concerned faculty member.*

SEMESTER-IV				
S. No.	Subject Code	Courses	L-T-P	Credits
1.	ME-602	Research Project	-----	21
2.	GP-602	General Proficiency	-----	1
		Total		22

List of Electives for M. Tech (Industrial Management & Engineering)

Specialisation Elective- II

1. ME 623/ME 571: Project Management
2. ME 625: Supply Chain Modeling
3. ME 627: Advanced Production and Inventory Management Systems
4. ME 629: Investment Analysis and Portfolio Management
5. ME 631: Industrial Environment Management