M. Tech. in Industrial Engineering & Management - I Semester
S. No.	**Subject Code**	**Name of Subject**	**L-T-P**	**Credits**
		Theory Subjects		
1	MEI 501	Manufacturing & Enterprise Resource Planning	3-0-0	3
2	MEI 503	Production & Operations Management	3-1-0	4
3	MEE 505 / MEM 509	Operation Research / Simulation, Modeling and Analysis	3-1-0	4
4		(Elective I)	3-0-0	3
5		(Elective II)	3-0-0	3
		Practical Labs		
6	MEI 519	Advanced Industrial Engineering Lab I	0-0-3	2
7	MEI 521	Seminar	0-0-3	2
8	GP 501	General Proficiency		1
		Total Credits		**22**
		Total Contact Hours	**15-2-6**	

M. Tech. in Industrial Engineering & Management - II Semester
S. No.	**Subject Code**	**Name of Subject**	**L-T-P**	**Credits**
		Theory Subjects		
1	MEI 502	Quality Engineering	3-0-0	3
2	MEI 504	Supply Chain Management	3-1-0	4
3	MEM 509 / MEE 505	Simulation, Modeling and Analysis/ Operation Research	3-1-0	4
4		(Elective –III)	3-0-0	3
5		Elective –IV	3-0-0	3
		Practical Labs		
6	MEI 526	Project	0-0-08	4
7	MEI 528	Advanced Industrial Engineering Lab II	0-0-3	2
8	GP 502	General Proficiency		1
		Total Credits		**24**
		Total Contact Hours	**15-2-7**	

M. Tech. in Industrial Engineering & Management - III Semester

S. No.	Subject Code	Name of Subject	L–T–P	Credits
		Theory Subjects		
1	MEI 601	Project Management	3-0-0	3
2	MEI 603	Reliability Engineering	3-0-0	3
3		(Elective V)	3-0-0	3
		Practical Labs		
4	MEI 613	Dissertation (Preliminary)	2*-0-24	12
5	GP 601	General Proficiency		1
		Total Credits		**22**
		Total Contact Hours	**11-0-24**	

*Direct contact load of faculty concern will be 1 hour per student per week subjected to maximum of 2 hours per week.

M. Tech. in Industrial Engineering & Management - IV Semester

S. No.	Subject Code	Name of Subject	L–T–P	Credits
		Theory Subjects		

		Practical Labs		
1	MEI 614	Dissertation	0-0-42	21
2	GP 602	General Proficiency		1
		Total Credits		**22**
		Total Contact Hours		

List of Electives for M. Tech. Industrial Engineering and Management

S. No.	Subject Code	Name of Subject	L-T-P	Credits
Elective -I			
1	MEM 507	Industrial Automation and Robotics	3-0-0	3
2	MEI 505	Industrial Ergonomics	3-0-0	3
3	MEI 507	Maintenance Engineering	3-0-0	3
4	MEI 509	Statistical Techniques for Engineering Applications	3-0-0	3
	Elective –II			
1	MEI 511	Total Quality Management	3-0-0	3
2	MEI 513	Safety Engineering	3-0-0	3
3	MEI 515	Materials Management	3-0-0	3
4	MEI 517	Management Information System	3-0-0	3
	Elective –III			
1	MEM 506	System Dynamics	3-0-0	3
2	MEI 508	Entrepreneurship	3-0-0	3
3	MEI 510	Multivariate Statistical Modeling	3-0-0	3
4	MEI 512	Logistic Management	3-0-0	3
	Elective -IV			
1	MEI 514	Management of Service Operations	3-0-0	3
2	MEI 516	E-Business Applications	3-0-0	3
3	MEI 518	Intelligent Manufacturing	3-0-0	3
4	MEI 520	Financial Engineering	3-0-0	3
	Elective -V			
1	MEI 613	Industrial Policy and Technology Management	3-0-0	3
2	MEI 607	Human Resource Management	3-0-0	3
3	MEI 609	Strategic Management	3-0-0	3
4	MEM 607	Product Design and Development	3-0-0	3