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	3-0-0	3
3	MEE 505 MEE 508	Operation Research / Modeling and Simulation	3-1-0	4
4	MEI 509	Total Quality Management	3-0-0	3
5		**Elective –I**	3-0-0	3
	Practical Labs			
6	----	**Elective –I Lab**	0-0-3	2
7	MEI 515	Seminar	0-0-3	2
8	GP 501	General Proficiency		1
		Total Credits		**21**
		Total Contact Hours	**15-1-6**	

M. Tech. in Industrial Engineering & Management - II Semester				
S. No.	**Subject Code**	**Name of Subject**	**L-T-P**	**Credits**
	Theory Subjects			
1	MEM 502	Flexible and Computer Integrated Manufacturing	3-0-0	3
2	MEI 504	Quality Engineering	3-0-0	3
3	MEI 506	Supply Chain Management	3-0-0	3
4	MEE 508 MEE 505	Modeling and Simulation / Operation Research	3-1-0	4
5		**Specialization Elective –I**	3-1-0	4
	Practical Labs			
6	MEI 512	Project	0-0-10	5
7	MEM 514	Flexible and Computer Integrated Manufacturing Lab	0-0-3	2
8	GP 502	General Proficiency		1
		Total Credits		**25**
		Total Contact Hours	**15-2-13**	

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	3-1-0	4
2	MEI 603	Reliability Engineering	3-1-0	4
3	MEI 605	Procurement and Materials Management	3-0-0	3
4	MEI 607	Logistics Management	3-0-0	3
5	------	**Specialization Elective –II**	3-0-0	3
	Practical Labs			
6	MEI 611	Dissertation (Preliminary)	2*-0-4	4
7	GP 601	General Proficiency		1
		Total Credits		**22**
		Total Contact Hours	**16-2-4**	

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 602	Dissertation	0-0-20	21
2	GP 602	General Proficiency		1
		Total Credits		**22**
		Total Contact Hours		

Electives – I

MEM 507	Industrial Automation and Robotics
MEE 501	Finite Element Methods
MET 509	Advanced Heat and Mass Transfer

Electives – I Lab

MEM 511	Industrial Automation and Robotics Lab
MEE 513	Finite Element Methods Lab
MET 511	Advanced Heat and Mass Transfer Lab

Specialization Electives – I

MEI 510	Industrial Ergonomics
MEI 516	Maintenance Engineering
MEI 518	Financial Engineering
MEI 520	Statistical Techniques for Engineering Applications
MEI 522	Intelligent Manufacturing

Specialization Electives – II

MEM 609	Product Design and Development
MEM 613	Industrial Safety and Environment
MEM 615	Management Information System
MEM 617	System Dynamics
MEM 619	Entrepreneurship