



श्रद्धावान् लभते ज्ञानम्

University of Engineering & Management, Jaipur

Syllabus to be implemented from the Academic Year 2020-21

M.Tech in Industrial Engineering

First Year – First Semester

S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
1	IE101	Quantitative Techniques in Industrial Management	3	1	0	4
2	IE102	Methods Engineering and Ergonomics	3	1	0	4
3	IE103	Personnel Management and Industrial Relations	3	1	0	4
4	IE104	Materials Management	3	1	0	4
Total Theory						16
S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
5	IE191	Methods Engineering and Ergonomics Lab	0	0	3	3
Total Practical						3
Total Semester			12	4	3	19

First Year – Second Semester

S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
1	IE201	Automation in Production	3	1	0	4
2	IE202	Reliability and Maintenance Engineering	3	1	0	4
3	IE203	Project Evaluation and Management	3	1	0	4
4	IE204	Computer Integrated Manufacturing Systems	3	1	0	4
Total Theory						16
S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
5	IE291	CAM Lab	0	0	3	3
Total Practical						3
Total Semester			12	4	3	19



University of Engineering & Management, Jaipur

Second Year – Third Semester Industrial Engineering

S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
1	IE301	Flexible Manufacturing System & Robotics	3	1	0	4
2	IE302	Total Quality Management	3	1	0	4
Total Theory						8
			Contact Hours / Week			
S.No	Sub Code	Subjects	L	T	P	Total
3	IE391	Seminar-I	0	2	0	1
4	IE392	Project – Part I (Dissertation I + Defence of Project - I)	0	0	18	4+8=12
Total Practical						13
Total Semester						21

Second Year – Fourth Semester

S.No	Sub Code	Subjects	Contact Hours / Week			
			L	T	P	Total
1	IE491	Project–Part II (Dissertation II + Defence of Project - II)	0	0	24	6+18=24
Total						24