

**THIAGARAJAR COLLEGE OF ENGINEERING**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**PERCENTAGE OF REVISION OF M.E. MANUFACTURING ENGINEERING CURRICULUM 2014-2015**

Sl. No.	Course Code	Course Name	Change Details	% of Change	weightage	Course Code	Course Name
1	W11	Computational Methods in Engineering		10	0.1	14MG110	Computational Methods in Engineering
2	W12	Optimisation Techniques		10	0.1	14MG120	Optimization Techniques
3	W13	Mechanical Behaviour of Materials		10	0.1	14MG130	Mechanical Behaviour of Materials
4	W14	Industrial Automation and Robotics		10	0.1	14MG140	Industrial Automation and Robotics
5	W15	CNC Machine Tool Technology		10	0.1	14MG150	CNC Machine Tool Technology
6	W16	Micro Electro Mechanical Systems and Nano Technology		10	0.1	14MG160	Micro Electro Mechanical Systems and Nano Technology
7	W17	Advanced Manufacturing Engineering Laboratory I		10	0.1	14MG170	Advanced Manufacturing Engineering Laboratory - I

8	W21	Mechanics of Metal Cutting and Metal Forming		10	0.1	14MG210	Mechanics of Metal Cutting and Metal Forming
9	W22	Tool Design Engineering		10	0.1	14MG220	Tool Design Engineering
10	W27	Advanced Manufacturing Engineering Laboratory II		10	0.1	14MG270	Advanced Manufacturing Engineering Laboratory II
11	W31	Computer Integrated Manufacturing		10	0.1	14MG310	Computer Integrated Manufacturing
12	W34	Project Phase-I		10	0.1	14MG340	Project - I
13	W41	Project Phase-II		10	0.1	14MG410	Project - II
14	WEA/LEA	Plant Layout and Material Handling		10	0.1	14MGPA0	Plant Layout and Material Handling
15	W EB/LEB	Sequencing and Scheduling	Dropped				
16	W EC/LEC	Materials Management	Dropped				
17	W ED/LED	Research Methodology		10	0.1	14MGPB0	Research Methodology
18	WEE/LEE	Total Quality Management		10	0.1	14MGPC0	Total Quality Management
19	W EF/LEF	Maintenance Engineering and Management		10	0.1	14MGPD0	Maintenance Engineering and Management
20	WEG/LEG	Machine Vision and its applications in manufacturing		10	0.1	14MGPE0	Machine Vision and its applications in manufacturing

21	WEH/LEH	System Simulation		10	0.1	14MGPF0	System Simulation
22	W EI/LEI	Entrepreneurship Development		10	0.1		
23	WEJ/LEJ	Product Design and Development		10	0.1	14MGPG0	Product Design and Development
24	W EK	Design for Manufacture and Assembly		10	0.1	14MGPH0	Design for Manufacture and Assembly
25	WEL/LEL	Robust Design		10	0.1	14MGPJ0	Robust Design
26	WEM/LEM	Lean Manufacturing and Six Sigma		10	0.1	14MGPK0	Lean Manufacturing and Six Sigma
27	WEN/L13	Work Study and Cost Analysis		10	0.1	14MGPL0	Work Study and Cost Analysis
28	WEO/L14	Quality and Reliability Engineering		10	0.1	14MGPM0	Quality and Reliability Engineering
29	WEP/L21	Financial Management		10	0.1	14MGPN0	Financial Management
30	WEQ/L22	Operations Management		10	0.1	14MGPP0	Operations Management
31	WER/L31	Supply Chain Management		10	0.1	14MGPR0	Supply Chain Management
32	WES	Geometric Modeling		10	0.1	14MGPS0	Geometric Modeling
33	WET	Metal Casting Engineering		10	0.1		
34	WEU	Metal Joining Engineering		10	0.1	14MGPT0	Metal Joining Engineering
35	WEV	Fluid Power Automation		10	0.1	14MGPU0	Fluid Power Automation

36	WEW	Rapid Manufacturing		10	0.1	14MGPV0	Rapid Prototyping
37	WEY	Mechatronics in Manufacturing	Dropped	10	0.1		
38	WEZ	Computer Aided Metrology and Inspection	Dropped	10	0.1		
39			New	100	1	14MGPW0	Composite Materials
40			New	100	1	14MGPY0	Non Destructive Evaluation
41			New	100	1	14MGPZ0*	Friction Stir Welding
			Total Weight		<b>6.600</b>		
			Total No of courses		38		
			Total Change in %		<b>17.368</b>		