



ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)

Affiliated to Anna University– Chennai & Approved by AICTE–New Delhi.
Accredited by NAAC & NBA-UGC, New Delhi

1.1.2 - Number of Programmes where syllabus revision was carried out during the last five years

B. E. MECHANICAL ENGINEERING

R-2015 vs R-2018

S.No	Course Code	Course Name	% of Change	Weightage
1	118ESE02	Basic Civil Electrical and Electronics Engineering	100%	1
2	118MAT02	Engineering Mathematics-I	30%	0.3
3	118CYT04	Engineering Chemistry	25%	0.25
4	218MAT02	Engineering Mathematics-II	25%	0.25
5	218GET03	Environmental Science and Engineering	20%	0.2
6	218PPT05	Problem Solving and Python Programming	100%	1
7	218EPP08	Problem Solving and Python Programming Laboratory	100%	1
8	218BSE01	Material Science	100%	1
9	318MET04	Composite Materials	25%	0.25
10	318MET05	Manufacturing Technology I	20%	0.2
11	318MEP08	Manufacturing Technology I Laboratory	25%	0.25
12	418MET02	Kinematics of Machinery	20%	0.2
13	418MET03	Thermal Engineering	30%	0.3
14	418MET04	Strength of Materials	25%	0.25
15	518MET01	Metrology and Instrumentation	20%	0.2
16	518MET03	Dynamics of Machinery	25%	0.25
17	518MET05	Applied Hydraulics and Pneumatics	20%	0.2
18	518MEP07	Metrology and Instrumentation Laboratory	30%	0.3
19	518MEP08	Heat Transfer Laboratory	40%	0.4
20	518MEP09	Dynamics Laboratory	50%	0.5
21	518MEE01	Advanced Manufacturing Processes	25%	0.25
22	518MEE02	Renewable Energy Sources	25%	0.25
23	518MEE03	Introduction to Nanotechnology	25%	0.25
24	518MEE04	Non Destructive Testing and Materials	20%	0.2
25	618MET01	Principles of Management and Business Concepts	30%	0.3
26	618MET02	Gas Dynamics and Jet Propulsion	20%	0.2
27	618MET04	CAD/CAM/CIM	25%	0.25
28	618MEE01	Design of Experiments	100%	1

Dr. M.G.R. Nagar, Hosur –635130, Krishnagiri(Dt), Tamilnadu, India. Phone: Office:04344– 260570,261001-3,261034.
Fax:04344–260573 Website: www.adhiyamaan.ac.in E-mail :principal@adhiyamaan.ac.in.

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)
Dr.M.G.R. Nagar, HOSUR-635130



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29	618MEE02	Professional Ethics and Human Values	25%	0.25
30	618MEE04	Refrigeration and Air Conditioning	30%	0.3
31	618MEE10	Operations Research	100%	1
32	618MEP07	Computer Aided Machine Drawing	40%	0.4
33	618MEP08	CAM Laboratory	25%	0.25
34	718MET01	Automobile Engineering	35%	0.35
35	718MET02	Mechatronics and Robotics	30%	0.3
36	718MET04	Power Plant and Energy Engineering	30%	0.3
37	718MEP07	Mechatronics Laboratory	30%	0.3
38	718MEP08	CAE Laboratory	40%	0.4
39	718MEE05	Cryogenics Engineering	60%	0.6
40	718MOE11	Industrial Safety and Hazard Managements	100%	1
41	718MOE12	Disaster Management	100%	1
42	718MOE13	Intellectual Property Rights	100%	1
43	718MOE14	Engineering Acoustics	100%	1
44	718MOE15	Human Resource Management	100%	1
45	818MEE02	Theory of Elasticity	20%	0.2
46	818MEE05	Energy Conservation in Industries	100%	1
47	818MEE06	Fracture Mechanics	30%	0.3
48	818MEE08	Optimization Techniques	25%	0.25
49	818MEE09	Tribology	30%	0.3
50	818MEE10	Advanced I.C. Engines	100%	1
51	818MEE11	Biomass Energy System	25%	0.25
Total Weightage				23.75
(total weightage of R2015 vs R2018/ No.of courses in R2018)*100 = (23.75/116)*100 = 20.50%				
Total change = 20.50%				

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