

VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

2019 - 2023 BATCH (CO - PO & PS'O MAPPING)

Sl No	Course Code	Course	Mapping with PO's												Mapping with PSO's		
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	191MA101	Engineering Mathematics I	3	3	2	2	0	0	0	0	0	0	0	2	0	1	2
2	191PH101	Engineering Physics	3	3	2	2	0	0	0	0	0	0	0	2	1	2	2
3	191CH101	Engineering Chemistry	3	3	2	2	0	2	2	2	0	0	0	2	0	1	0
4	191HS101	English for Engineering Students	1	0	0	0	0	0	0	3	3	3	3	2	0	0	0
5	191ME111	Basic Civil and Mechanical Engineering	3	3	1	3	0	2	2	1	2	0	0	2	1	0	0
6	191EE111	Basic Electrical and Electronics Engineering	3	3	3	2	0	0	0	0	0	0	0	2	1	2	0
7	191PH10A	Physics Laboratory	3	3	2	2	0	2	2	2	2	0	0	2	1	2	2
8	191CH10A	Chemistry laboratory	3	3	2	2	0	2	2	1	2	0	0	2	1	2	2
9	191MA201	Engineering Mathematics II	3	3	3	3	0	0	0	0	0	0	0	2	0	2	1
10	191PH204	Materials Science for Mechanical Engineering	3	3	2	1	0	2	2	0	0	0	0	1	0	1	1
11	191HS201	Environmental Science and Engineering	2	1	2	1	0	3	3	2	0	0	0	2	0	0	0
12	191ME211	Engineering Graphics	3	3	3	3	0	0	0	2	0	2	0	2	1	2	0
13	191ME212	Engineering Mechanics	3	3	3	3	0	0	0	0	0	0	0	2	2	3	0
14	191ME221	Manufacturing Technology I	1	0	0	0	0	0	0	3	2	0	0	3	1	0	1
15	191ME21A	Engineering Practices Laboratory	3	1	2	0	1	1	0	0	2	0	0	0	1	1	1
16	191MA305	Transforms and Partial Differential Equations	3	3	3	2	0	0	0	0	0	0	0	3	0	1	0
17	191ME311	Fluid Mechanics and Machinery	3	3	3	3	0	0	1	0	0	0	0	2	3	2	2
18	191EE311	Electrical Drives and Controls	3	3	2	1	1	0	0	0	0	0	0	1	2	2	0
19	191ME321	Engineering Thermodynamics	3	3	3	3	1	0	1	1	0	0	0	2	2	1	0
20	191ME322	Manufacturing Technology II	3	2	2	2	2	1	0	0	0	0	0	2	3	2	1
21	191ME323	Engineering Metallurgy	3	2	2	2	1	1	0	0	0	0	0	2	0	2	1
22	191EE31A	Electrical Engineering Laboratory	3	3	3	2	2	0	0	0	2	0	0	1	0	1	0
23	191ME31A	Fluid Mechanics and machinery Laboratory	0	2	2	0	0	0	1	1	0	0	0	2	2	1	1
24	191ME32A	Manufacturing Technology Laboratory	3	2	0	0	1	1	0	0	2	0	0	3	3	2	0
25	191MA402	Statistics and Numerical Methods	3	3	3	3	0	0	0	0	0	0	0	2	0	0	0
26	191ME411	Strength of materials for Mechanical Engineers	3	3	2	2	0	0	0	0	0	0	0	2	0	3	1
27	191ME421	Kinematics of Machinery	3	3	3	3	0	0	0	0	0	0	0	2	3	3	2
28	191ME422	Computer Aided Design and Manufacturing	2	2	0	0	2	0	0	0	0	0	0	1	2	2	1
29	191ME423	Thermal Engineering	3	2	0	0	1	0	1	0	0	0	0	1	3	2	1
30	191HS40B	Interpersonal Skills Laboratory	0	2	2	0	0	0	1	1	0	0	0	2	2	2	1
31	191ME41A	Strength of materials Laboratory	0	1	0	0	3	0	0	0	0	0	0	1	2	2	1
32	191ME42A	CAD/ CAM Laboratory	3	2	2	2	3	0	0	0	2	0	2	2	0	2	2
33	191MC46A	Internship/ Training -I															
34	191ME521	Design of Machine Elements	3	3	3	2	2	0	0	1	0	0	0	2	2	2	1
35	191ME522	Metrology and Measurements	3	1	2	1	2	0	0	1	2	0	0	2	0	2	1
36	191ME523	Dynamics of Machines	3	3	3	3	0	0	0	0	0	0	0	2	2	3	2
37	191ME531	Automobile Engineering	3	2	2	1	2	1	2	0	0	0	0	2	1	2	2
38	191ME533	Computer Integrated Manufacturing	3	2	2	1	2	0	1	0	0	2	1	3	1	2	2
39	191ME535	Fundamentals of Nano Science	3	3	0	2	0	0	1	0	0	1	0	1	2	0	0
40	191CS5410	Problem Solving Python Programming	3	3	3	2	2	0	0	0	0	0	0	1	0	1	2
41	191ME52A	Metrology and Measurements Laboratory	3	3	2	2	2	0	0	0	2	0	0	2	0	2	1
42	191ME52B	Kinematics and Dynamics Laboratory	3	2	2	2	2	0	0	0	2	0	0	2	2	3	1
43	191ME621	Design of Transmission Systems	3	3	2	2	0	0	0	0	0	0	0	2	3	2	1
44	191ME622	Finite Element Analysis	3	3	3	2	2	0	0	0	0	0	0	3	1	2	1

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45	191ME623	Heat and Mass Transfer	3	3	2	2	0	0	0	0	0	0	0	2	0	2	2
46	191ME634	Professional Ethics in Engineering	2	1	3	0	0	0	0	3	0	0	0	0	2	2	1
47	191ME632	Hydraulics and Pneumatics	3	2	1	2	2	0	0	0	0	0	0	3	2	2	1
48	191ME6310	Unconventional Machining Processes	3	1	1	1	0	1	1	1	0	1	0	1	0	2	1
49	191ME637	Renewable Sources of Energy	3	2	2	2	0	2	2	1	0	0	0	3	0	2	0
50	191CS547	Internet of Things	3	2	1	1	0	1	0	0	0	0	0	1	0	0	0
51	191ME62A	Finite Element Method Laboratory	3	3	3	2	3	0	0	0	2	2	1	3	0	2	2
52	191ME62B	Thermal Engineering Laboratory	3	3	2	2	2	0	2	0	2	0	0	2	1	2	1
53	191MC66A	Internship/ Training -II															
54	191HS702	Principles of Management	1	0	0	0	0	2	0	2	0	1	0	2	0	0	0
55	191ME721	Power Plant Engineering	3	2	2	2	1	0	2	1	0	0	0	3	0	2	2
56	191ME734	Mechatronics	2	2	1	1	2	0	0	0	0	0	0	2	1	2	1
57	191ME738	Non Destructive Testing and Evaluation	3	2	2	2	2	0	0	2	0	0	0	2	0	1	2
58	191CS545	Human Computer Interactions	3	3	2	2	2	1	1	1	0	0	2	2	2	3	2
59	191ME77A	Design & Fabrication Project	3	3	3	2	2	2	2	1	3	2	3	2	3	2	2
60	191MC76A	Technical Seminar															
61	191ME833	Maintenance Engineering	3	2	1	0	0	2	0	0	1	0	0	1	1	0	0
62	191CE545	Disaster Management	0	0	0	0	0	3	3	2	0	1	0	1	0	0	0
63	191CE542	Air Pollution and Control System	2	2	2	1	0	0	0	3	0	0	0	0	3	2	1
64	191ME85A	Project Work	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
Mapping			2.81	2.46	2.23	2.00	1.89	1.75	1.73	1.71	2.12	1.80	2.14	1.97	1.84	1.94	1.45