



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme II Year-III Semester, B.Tech.: Mechanical Engineering

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	3ME2-01	Advance Engineering Mathematics-I	3	0	0	30	120	150	3
2	HSMC	3ME1-02/ 3ME1-03	Technical Communications/ Managerial Economics and Financial Accounting	2	0	0	20	80	100	2
3	ESC	3ME3-04	Engineering Mechanics	2	0	0	20	80	100	2
4	PCC	3ME4-05	Engineering Thermodynamics	3	0	0	30	120	150	3
5	PCC	3ME4-06	Materials Science and Engineering	3	0	0	30	120	150	3
6	PCC	3ME4-07	Mechanics of Solids	3	1	0	40	160	200	4
7	PCC	3ME4-21	Machine drawing practice	0	0	3	45	30	75	1.5
8	PCC	3ME4-22	Materials Testing Lab	0	0	3	45	30	75	1.5
9	PCC	3ME4-23	Basic Mechanical Engineering Lab	0	0	3	45	30	75	1.5
10	PCC	3ME4-24	Programming using MAT LAB	0	0	3	45	30	75	1.5
11	Training Exam	3ME7-30							50	1
12	SODEC A	3ME8-00							25	0.5
				Total					1225	24.5

L = Lecture, **T** = Tutorial, **P** = Practical,
IA=Internal Assessment, **ETE**=End Term Exam, **Cr**=Credits



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme II Year-IV Semester, B.Tech.: Mechanical Engineering

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	4ME2-01	Data analytics	2	0	0	20	80	100	2
2	HSMC	4ME1-03/ 4ME1-02	Managerial Economics and Financial Accounting/ Technical Communications	2	0	0	20	80	100	2
3	ESC	4ME3-04	Digital Electronics	2	0	0	20	80	100	2
4	PCC	4ME4-05	Fluid Mechanics and Fluid Machines	3	1	0	40	160	200	4
5	PCC	4ME4-06	Manufacturing Processes	3	0	0	30	120	150	3
6	PCC	4ME4-07	Theory of machines	3	1	0	40	160	200	4
7	ESC	4ME3-21	Digital Electronics lab	0	0	3	45	30	75	1.5
8	PCC	4ME4-22	Fluid Mechanics lab	0	0	3	45	30	75	1.5
9	PCC	4ME4-23	Production practice lab	0	0	3	45	30	75	1.5
10	PCC	4ME4-24	Theory of machines Lab	0	0	3	45	30	75	1.5
11	SODE CA	4ME8-00							25	0.5
				Total					1175	23.5