



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

4

Teaching & Examination Scheme

B.Tech. : Mechanical Engineering 2nd Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3ME2-01	Advance Engineering Mathematics-I	3	0	0	3	30	120	150	3
2	HSMC	3ME1-02/ 3ME1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3ME3-04	Engineering Mechanics	2	0	0	2	20	80	100	2
4	PCC	3ME4-05	Engineering Thermodynamics	3	0	0	3	30	120	150	3
5		3ME4-06	Materials Science and Engineering	3	0	0	3	30	120	150	3
6		3ME4-07	Mechanics of Solids	3	1	0	3	40	160	200	4
			Sub Total	16	1	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	3ME4-21	Machine drawing practice	0	0	3		45	30	75	1.5
8		3ME4-22	Materials Testing Lab	0	0	3		45	30	75	1.5
9		3ME4-23	Basic Mechanical Engineering Lab	0	0	3		45	30	75	1.5
10		3ME4-24	Programming using MATLAB	0	0	3		45	30	75	1.5
11	PSIT	3ME7-30	Industrial Training	0	0	1		0	0	50	1
12	SODE CA	3ME8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
			Sub- Total	0	0	13		180	120	375	7.5
		TOTAL OF III SEMESTER		16	1	13		350	800	1225	24.5

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs
Rajasthan Technical University, Kota



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme

B.Tech. : Mechanical Engineering 2nd Year - IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4ME2-01	Data analytics	2	0	0	2	20	80	100	2
2	HSMC	4ME1-03/ 4ME1-02	Managerial Economics and Financial Accounting/ Technical Communications	2	0	0	2	20	80	100	2
3	ESC	4ME3-04	Digital Electronics	2	0	0	2	20	80	100	2
4	PCC	4ME4-05	Fluid Mechanics and Fluid Machines	3	1	0	3	40	160	200	4
5		4ME4-06	Manufacturing Processes	3	0	0	3	30	120	150	3
6		4ME4-07	Theory of machines	3	1	0	3	40	160	200	4
Sub Total				15	2	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	4ME3-21	Digital Electronics lab	0	0	3		45	30	75	1.5
8		4ME4-22	Fluid Mechanics lab	0	0	3		45	30	75	1.5
9		4ME4-23	Production practice lab	0	0	3		45	30	75	1.5
10		4ME4-24	Theory of machines Lab	0	0	3		45	30	75	1.5
11	SODE CA	4ME8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
Sub- Total				0	0	12		180	120	325	6.5
TOTAL OF IV SEMESTER				15	2	12		350	800	1175	23.5

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