

Scheme of
UNDERGRADUATE DEGREE COURSE

Mechatronics Engineering



Rajasthan Technical University, Kota
Effective from session: 2018 – 2019



Teaching & Examination Scheme
B.Tech. : Mechatronics 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	3MH2-01	Advanced Engineering Mathematics- I	3	0	0	3	30	120	150	3
2	HSMC	3MH1-02/ 3MH1-03	Technical Communication /Economics & Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3MH3-04	Electromagnetic Properties of Materials	2	0	0	2	20	80	100	2
4	PCC	3MH4-05	Mechanics of Solids	3	1	0	3	40	160	200	4
5		3MH4-06	Engineering Thermodynamics	3	0	0	3	30	120	150	3
6		3MH4-07	Manufacturing Process	3	0	0	3	30	120	150	3
Sub Total				16	1	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	3MH4-21	Machine Drawing	0	0	3		45	30	75	1.5
8		3MH4-22	Thermal Engineering Lab-I	0	0	3		45	30	75	1.5
9		3MH4-23	Production Engineering Practices	0	0	3		45	30	75	1.5
10		3MH4-24	Material Science Lab	0	0	3		45	30	75	1.5
11	PSIT	3MH7-30	Industrial Training	0	0	1				50	1
12	SODE CA	3MH18-00	Social Outreach, Discipline & Extra Curricular Activities							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