

Scheme of  
UNDERGRADUATE DEGREE COURSE

Mechatronics Engineering



Rajasthan Technical University, Kota  
Effective from session: 2021 – 2022



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme B.Tech. : Mechatronics Engineering 2<sup>nd</sup> 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	70	100	3
2	HSMC	3MH1-02/ 3MH1-03	Technical Communication /Economics & Financial Accounting	2	0	0	2	30	70	100	2
3	ESC	3MH3-04	Electromagnetic Properties of Materials	2	0	0	2	30	70	100	2
4	PCC	3MH4-05	Mechanics of Solids	3	1	0	3	30	70	100	4
5		3MH4-06	Engineering Thermodynamics	3	0	0	3	30	70	100	3
6		3MH4-07	Manufacturing Process	3	0	0	3	30	70	100	3
<b>Sub Total</b>				16	1	0					17
PRACTICAL & SESSIONAL											
7	PCC	3MH4-21	Machine Drawing	0	0	3		60	40	100	1.5
8		3MH4-22	Thermal Engineering Lab-I	0	0	3		60	40	100	1.5
9		3MH4-23	Production Engineering Practices	0	0	3		60	40	100	1.5
10		3MH4-24	Material Science Lab	0	0	3		60	40	100	1.5
11	PSIT	3MH7-30	Industrial Training	0	0	1		60	40	100	1
12	SODE CA	3MH18-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
<b>Sub- Total</b>				0	0	13					7.5
<b>TOTAL OF III SEMESTER</b>				16	1	13					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