

## Teaching & Examination Scheme

### II Year- III Semester

### B.Tech.- Mechatronics Engineering

S N	Cate gory	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ET E	Total	
1	BSC	3MH2-01	Advanced Engineering Mathematics- I	3	0	0	30	120	<b>150</b>	<b>3</b>
2	HSM C	3MH1-02/ 3MH1-03	Technical Communications /Economics & Financial Accounting	2	0	0	20	80	<b>100</b>	<b>2</b>
3	ESC	3MH3-04	Electromagnetic Properties of Materials	2	0	0	20	80	<b>100</b>	<b>2</b>
4	PCC	3MH4-05	Mechanics of Solids	3	1	0	40	160	<b>200</b>	<b>4</b>
5		3MH4-06	Engineering Thermodynamics	3	0	0	30	120	<b>150</b>	<b>3</b>
6		3MH4-07	Manufacturing Process	3	0	0	30	120	<b>150</b>	<b>3</b>
7		3MH4-21	Machine Drawing	0	0	3	45	30	<b>75</b>	<b>1.5</b>
8		3MH4-22	Thermal Engineering Lab-I	0	0	3	45	30	<b>75</b>	<b>1.5</b>
9		3MH4-23	Production Engineering Practices	0	0	3	45	30	<b>75</b>	<b>1.5</b>
10		3MH4-24	Material Science Lab	0	0	3	45	30	<b>75</b>	<b>1.5</b>
11	Traini ng Exam	3MH7-30						<b>50</b>	<b>1</b>	
12	SOD ECA	3MH18-00	Social Outreach, Discipline & Extra Curricular Activities					<b>25</b>	<b>0.5</b>	
<b>Total</b>									<b>1225</b>	<b>24.5</b>

## II Year- IV Semester

### B.Tech.- Mechatronics Engineering

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	4MH2-01	Analog Electronics	2	0	0	20	80	100	2
2	HSMC	4MH1-03/ 4MH1-02	Economics and Financial Accounting/ Technical Communications	2	0	0	20	80	100	2
3	ESC	4MH3-04	Measurement and Metrology	2	0	0	20	80	100	2
4	PCC	4MH4-05	Fluid Mechanics	3	1	0	40	160	200	4
5		4MH4-06	Dynamics of Machinery	3	0	0	30	120	150	3
6		4MH4-07	Control System	3	1	0	40	160	200	4
7		4MH4-21	Fluid Mechanics Lab	0	0	3	45	30	75	1.5
8		4MH4-22	Dynamics of Machine Lab-I	0	0	3	45	30	75	1.5
9		4MH4-23	Mechanical Measurement and Control Lab	0	0	3	45	30	75	1.5
10		4MH4-24	Analog Electronics Lab	0	0	3	45	30	75	1.5
11	SODE CA	4MH8-00	Social Outreach, Discipline & Extra Curricular Activities						25	0.5
<b>Total</b>									<b>1175</b>	<b>23.5</b>