



## Department Of Mechanical Engineering

## COURSE STRUCTURE

**(Applicable from the academic year 2023-24 onwards)**

## **B.Tech.– II Year I Semester**

S.No.	Category	Title	L	T	P	Credits
1	BS	Numerical & Statistical methods	3	0	0	3
2	HSMC	Universal Human Values– Understanding Harmony & Ethical human conduct	2	1	0	3
3	ES	Thermodynamics	2	0	0	2
4	PCC	Mechanics of Solids	3	0	0	3
5	PCC	Material Science and Metallurgy	3	0	0	3
6	PCC	Mechanics of Solids and Materials Science Lab	0	0	3	1.5
7	PCC	Computer-aided Machine Drawing	0	0	3	1.5
8	ES	Python programming Lab	0	0	2	1.0
9	SEC	Embedded Systems and IoT	0	1	2	2
10	Audit Course	Environmental Science	2	0	0	-
<b>Total</b>				<b>15</b>	<b>2</b>	<b>10</b>
						<b>20</b>

## **B.Tech.– II Year II Semester**

S.No.	Category	Title	L	T	P	Credits
1	Management Elective- I	Industrial Management	2	0	0	2
2	BS	Probability and Complex Variables	3	0	0	3
3	PCC	Manufacturing processes	3	0	0	3
4	PCC	Fluid Mechanics & Hydraulic Machines	3	0	0	3
5	PCC	Design of Machine Members	3	0	0	3
6	PCC	Fluid Mechanics & Hydraulic Machines Lab	0	0	3	1.5
7	PCC	Manufacturing processes Lab	0	0	3	1.5
8	SEC	Soft Skills	0	1	2	2
9	ES	Design Thinking & Innovation	1	0	2	2
<b>Total</b>			<b>15</b>	<b>1</b>	<b>10</b>	<b>21</b>