



# SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

Course: B.Tech. Branch: Mechanical Semester: III Sem

Academic Session: 2024-25

w.e.f.: 02-09-2024

S.No.	Sub code	Subject Name	Maximum Marks Allotted				Total	Contact Hrs per week			Total Credit
			Theory		Practical			L	T	P	
			CAT II	CAT I	End	Lab work					
1	BME031	Engineering Mathematics - III	70	30	0	0	100	3	1	0	4
2	BME032	Material Science	70	30	0	0	100	3	0	0	3
3	BME033	Fundamentals of Thermodynamics	70	30	0	0	100	3	1	0	4
4	BME034	Theory of Machines - I	70	30	0	0	100	3	1	0	4
5	BME035	Strength of Material	70	30	0	0	100	3	1	0	4
6	BME033P	Fundamentals of Thermodynamics Lab	0	0	20	30	50	0	0	2	1
7	BME034P	Theory of Machines – I Lab	0	0	20	30	50	0	0	2	1
9	BME035P	Strength of Material Lab	0	0	20	30	50	0	0	2	1
10	BME036P	CAD Lab	0	0	40	60	100	0	0	4	2
11	BME037P	Seminar	0	0	0	0	0	0	0	2	1
<b>Total</b>			<b>350</b>	<b>150</b>	<b>100</b>	<b>150</b>	<b>750</b>	<b>15</b>	<b>4</b>	<b>12</b>	<b>25</b>

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
<b>1 Credit</b>	<b>1 Credit</b>	<b>1 Credit</b>

THEORY MARKS	500
PRACTICAL MARKS	250
<b>Total</b>	<b>750</b>

Theory Credits	19
Practical Credits	6
<b>Total</b>	<b>25</b>

**Note: Two subjects out of five must be learned through MOOCs/Swayam/NPTEL.**