



SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

Course: B.Tech. Branch: Mechanical Semester: IV 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	BME041	Applied Thermodynamics	70	30	0	0	100	3	1	0	4
2	BME042	Fluid Mechanics	70	30	0	0	100	3	1	0	4
3	BME043	Energy, Environment & Society	70	30	0	0	100	3	0	0	3
4	BME044	Machine Design & Drawing	70	30	0	0	100	3	1	0	4
5	BME045	Manufacturing Process - I	70	30	0	0	100	3	0	0	3
6	BME041P	Applied Thermodynamics Lab	0	0	20	30	50	0	0	2	1
7	BME042P	Fluid Mechanics Lab	0	0	20	30	50	0	0	2	1
8	BME044P	Machine Design & Drawing Lab	0	0	20	30	50	0	0	2	1
9	BME045P	Manufacturing Process – I Lab	0	0	20	30	50	0	0	2	1
10	BME046P	Programming in C & C++ Lab	0	0	40	60	100	0	0	4	2
11	BME058P*	Internship1	One month internship in industry and assessment will be done in V Semester.								
Total			350	150	120	180	800	15	3	12	24

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit

THEORY MARKS	500
PRACTICAL MARKS	300
Total	800

Theory Credits	18
Practical Credits	6
Total	24

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