



SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

Course: B.Tech. Branch: Mechanical Semester: VIII

Academic Session: 2024-25__

w.e.f. : _01-07-2025

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	BME081	Refrigeration and Air Conditioning	70	30	0	0	100	3	1	0	4
2	BME082	Work-study and Ergonomics	70	30	0	0	100	3	0	0	3
3	BME083	CAD/CAM/CIM	70	30	0	0	100	3	1	0	4
4	BME084	Elective V	70	30	0	0	100	3	1	0	4
6	BME081P	Refrigeration and Air Conditioning Lab	0	0	20	30	50	0	0	2	1
7	BME083P	CAD/CAM/CIM Lab	0	0	20	30	50	0	0	2	1
8	BME085P	Major Project – II	0	0	50	150	200	0	0	8	4
9	BME086P	Internship 3	Two-month internship in industry								
		Total	280	120	90	210	700	12	3	12	21

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

Theory Marks	400
Practical Marks	300
Total	700

Theory Credits	15
Practical Credits	6
Total	21

ELECTIVE- V (BME084)
BME0841- Total Quality Management
BME0842- Industry 4.0
BME0843- Robotics & Mechatronics

* After successful completion of Internship 3, the assessment of Major Project – II will be done and the result will be declared thereafter

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