SARDAR PATEL UNIVERSITY, BALAGHAT
School of Engineering and Technology
Scheme of Examination
Course: B.Tech. Branch: Mechanical Semester: VI 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 | | | | | | |
			CAT II	CAT I	End	Lab work		L	T	P	
1	BME061	Automobile Engineering	70	30	0	0	100	3	1	0	4
2	BME062	Theory of Machines - II	70	30	0	0	100	3	1	0	4
3	BME063	Machine Design - I	70	30	0	0	100	3	1	0	4
4	BME064	Elective - I	70	30	0	0	100	3	0	0	3
5	BME065	Elective - II	70	30	0	0	100	3	0	0	3
6	BME061P	Automobile Engineering Lab	0	0	20	30	50	0	0	2	1
7	BME062P	Theory of Machines-II Lab	0	0	20	30	50	0	0	2	1
8	BME067P	Minor Project	0	0	20	50	70	0	0	4	2
9	BME068P	Seminar & Group Discussion	0	0	0	30	30	0	0	2	1
10	BME069P	CFD Analysis (Open FOAM/Fluent) Lab	0	0	0	50	50	0	0	2	1
11	BME079P*	Internship 2	One month Internship in industry. Assessment will be done in VII Semester								
		Total	**350**	**150**	**60**	**190**	**750**	**15**	**3**	**12**	**24**

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

Theory Marks	500
Practical Marks	250
Total	**750**

Theory Credits	18
Practical Credits	6
Total	**24**

Elective- I (BME064)	Elective- II (BME065)
BME0641- Power Plant Engineering	BME0651- Internet of things
BME0642- Production Planning and Control	BME0652- Basic Electronics
BME0643- Turbo Machines	BME0653- Electrical Drives and Control

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