



SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

Course: B. Tech Branch: Civil Engineering Semester: VII

Academic Session: 2024-25

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

Sr.No.	Sub code	Subject Name	Maximum Marks Allotted				Total	Contact Hours per week			Total Credit
			Theory		Practical			L	T	P	
			CAT II	CAT I	Lab work	End					
1	BCE071	Advance Structural Design –I (RCC)	70	30	–	–	100	3	1	–	4
2	BCE072	Structural Design-II (Steel)	70	30	–	–	100	3	1	–	4
3	BCE073	Advance Construction Technique & Equipment	70	30	–	–	100	3	0	–	3
4	BCE074	Elective-III	70	30	–	–	100	3	0	–	3
5	BCE075	Elective-IV	70	30	–	–	100	3	1	–	4
6	BCE071P	Advance Structural Design –I (RCC)	–	–	30	20	50	0	0	2	1
7	BCE072P	Structural Design II (Steel)	–	–	30	20	50	0	0	2	1
8	BCE073P	Advance Construction Technique & Equipment	–	–	30	20	50	0	0	2	1
9	BCE076P	Project -I	–	–	60	40	100	–	–	4	2
10	BCE077P	Industrial Training (Two weeks)	–	–	50	–	50	–	–	2	1
		Total	350	150	200	100	800	15	3	12	24

Note:-90 hrs industrial training to be completed anytime during Sixth semester. Its evaluation/credit to be added in Seventh semester.

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

1 Hr Lecture	1 Hr Tutorial
1 Credit	1 Credit

THEORY MARKS	500
PRACTICAL MARKS	300
Total	800

Theory Credits	18
Practical Credits	6
Total	24

Elective-III (Four Subjects)	
BCE0741	Pavement Design
BCE0742	Marine Construction
BCE0743	Air and Noise Pollution Control
BCE0744	Cost-Effective & Eco-Friendly Construction
Elective-IV (Four Subjects)	
BCE0751	Infrastructure Engineering
BCE0752	Earthquake Resistant Design
BCE0753	Urban & Town Planning
BCE0754	Life Cycle Costing of Structures