



SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

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

Academic Session: 2024-25

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

Sr.No.	Sub code	Subject Name	Maximum Marks Allotted				Contact Hours per week				Total Credit
			Theory		Practical		Total	L	T	P	
			CAT II	CAT I	Lab work	End					
1	BCE061	Design of Hydraulic Structures	70	30	–	–	100	3	1	0	4
2	BCE062	Structural Design I (RCC)	70	30	–	–	100	3	1	0	4
3	BCE063	Geotechnical Engineering - I	70	30	–	–	100	3	1	0	4
4	BCE064	Transportation Engineering-II	70	30	–	–	100	3	1	0	4
5	BCE065	Elective-II	70	30	–	–	100	3	0	–	3
6	BCE062P	Structural Design I (RCC) Lab	–	–	30	20	50	0	0	2	1
7	BCE063P	Geotechnical Engineering - I Lab	–	–	30	20	50	0	0	2	1
8	BCE064P	Transportation Engineering-II Lab	–	–	30	20	50	0	0	2	1
9	BCE066P	Project Based on Field Visit and Training	–	–	50	–	50	–	–	2	1
10	BCE067P	Startup / Industrial Lectures (Internal Assessment)	–	–	50	–	50	–	–	2	1
Total			350	150	190	60	750	15	4	10	24

Note: Out of Five Theory subject, two subjects will be covered through MOOC/SWAYAM/NPTEL as per course availability.

1 Hr Lecture 1 Credit	1 Hr Tutorial 1 Credit	2 Hr Practical 1 Credit
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Theory Marks	500
Practical Marks	250
Total	750

Theory Credits	20
Practical Credits	6
Total	26

Elective-II (Four Subjects)	
BCE0651	Advanced Water Resources Engineering
BCE0652	Computational Methods in Structural Engineering
BCE0653	Environmental Impact Assessment
BCE0654	Water shed Management