



SARDAR PATEL UNIVERSITY, BALAGHAT
SCHEME OF EXAMINATION (CBCS)
B.tech. in civil engineering

IV YEAR VII SEM

w.e.f. -2020-21

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	End	Lab work					
1	BCE701	Advance Structural Design –I (RCC)	70	30	–	–	100	3	1	–	4
2	BCE702	Structural Design II (Steel)	70	30	–	–	100	3	1	–	4
3	BCE703	Advance Construction Technique & Equipment	70	30	–	–	100	3	1	–	4
4	BCE704	Elective-III	70	30	–	–	100	3	1	–	4
	BCE705	Elective-IV	70	30	–	–	100	3	1	–	4
5	BCE701P	Advance Structural Design –I (RCC)	–	–	20	30	50	0	0	2	1
6	BCE702P	Structural Design II (Steel)	–	–	20	30	50	0	0	2	1
1	BCE703P	Advance Construction Technique & Equipment	–	–	20	30	50	0	0	2	1
2	BCE706P	Project -I	–	–	40	60	100	–	–	4	2
3	BCE707P	Industrial Training (Two weeks)	–	–	–	50	50	–	–	2	1
		Total	350	150	100	200	800	15	5	12	26

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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	20
Practical Credits	6
Total	26

Elective-III (Four Subjects)	
Sr. No.	Subject Name
1	Pavement Design
2	Marine Construction
3	Air and Noise Pollution Control
4	Cost-Effective & Eco-Friendly Construction

Elective-IV (Four Subjects)	
Sr. No.	Subject Name
1	Infrastructure Engineering
2	Earthquake Resistant Design
3	Urban & Town Planning
4	Life Cycle Costing of Structures