



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

IV YEAR VIII SEM

w.e.f. -2020-21

Sr.No.	Sub code	Subject Name	Maximum Marks Allotted				Total	Contact Hours per			Total Credit
			Theory		Practical			L	T	P	
			CAT II	CAT I	End	Lab work					
1	BCE801	Advanced Structural Design-II ((Steel)	70	30	–	–	100	3	1	–	4
2	BCE802	Geo-Technical Engineering -II	70	30	–	–	100	3	1	–	4
3	BCE803	Elective-V	70	30	–	–	100	3	1	–	4
4	BCE804	Elective-VI	70	30	–	–	100	3	1	–	4
5	BCE801P	Advanced Structural Design-II ((Steel)	–	–	20	30	50	–	–	2	1
6	BCE802P	Geo-Technical Engineering -II	–	–	20	30	50	–	–	2	1
7	BCE805P	Project -II	–	–	80	120	200	–	–	8	4
8	BCE806P	Non Destructive Testing	–	–	–	50	50	–	–	2	1
9	BCE807P	Group Discussion	–	–	–	50	50	–	–	2	1
		Total	280	120	120	280	800	800	4	16	24

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

THEORY MARKS	400
PRACTICAL MARKS	400
Total	800

Theory Credits	16
Practical Credits	8
Total	24

Elective-V (Four Subjects)	
Sr. No.	Subject Name
1	Pre-stress Concrete Design
2	Traffic Engineering
3	Urban Transportation Planning
4	Disaster Risk Management

Elective-VI (Four Subjects)	
Sr. No.	Subject Name
1	Sustainable Design & Construction
2	Waste disposal & Management
3	Geo-Informatics
4	Finite Element Method