



# SARDAR PATEL UNIVERSITY, BALAGHAT

## School of Engineering and Technology

### Scheme of Examination

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

Academic Session: 2024-25

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

S.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	BCE041	Energy & Environmental Engineering	70	30	–	–	100	3	0	0	3
2	BCE042	Construction Technology	70	30	–	–	100	3	1	0	4
3	BCE043	Structural Analysis-I	70	30	–	–	100	3	1	0	4
4	BCE044	Transportation Engineering-I(Highway Engg)	70	30	–	–	100	3	1	0	4
5	BCE045	Engineering Geology & Remote Sensing	70	30	–	–	100	3	0	0	3
6	BCE042P	Construction Technology Lab	–	–	30	20	50	0	0	2	1
7	BCE043P	Structural Analysis-I Lab	–	–	30	20	50	0	0	2	1
8	BCE044P	Transportation Engineering-I Lab	–	–	30	20	50	0	0	2	1
9	BCE045P	Engineering Geology & Remote Sensing Lab	–	–	30	20	50	0	0	2	1
10	BCE046P	Software Lab (Python Programming)	–	–	30	20	50	0	0	4	2
<b>Total</b>			<b>350</b>	<b>150</b>	<b>150</b>	<b>100</b>	<b>750</b>	<b>15</b>	<b>3</b>	<b>12</b>	<b>24</b>

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

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
<b>1 Credit</b>	<b>1 Credit</b>	<b>1 Credit</b>
THEORY MARKS		500
PRACTICAL MARKS		250
<b>Total</b>		<b>750</b>

Theory Credits	18
Practical Credits	6
<b>Total</b>	<b>24</b>