



# SARDAR PATEL UNIVERSITY, BALAGHAT

## School of Engineering and Technology

### Scheme of Examination

Course: **B. TECH**  
Academic Session: **2024-25**

Branch: **ELECTRICAL ENGINEERING**

Semester: **VIII**  
w.e.f. **02/08/2024**

S.N.	COURSE CODE	COURSE TITLE	Maximum Marks Allotted				Total	Contact Hours per week			Total Credit
			Theory		Practical			L	T	P	
			CAT II (ESE)	CAT I (MSE)	End	Lab work					
1	BEE 081	Control System	70	30	–	–	100	3	1	–	4
2	BEE 082	Power System Protection	70	30	–	–	100	3	1	–	4
3	Ref Table	Elective –III	70	30	–	–	100	3	1	–	4
4	Ref Table	Elective -IV	70	30	–	–	100	3	1	–	4
5	BEE 081P	Control System Lab	–	–	20	30	50	–	–	2	1
6	BEE 082P	Power System Protection Lab	–	–	20	30	50	–	–	2	1
7	BEE085P	Major Project	–	–	50	50	100	–	–	4	2
8	BEE 086P	Modelling & Simulation Lab	–	–	20	30	50	–	–	2	1
9	BEE 087P	Industrial Training/ Internship	–	–	20	30	50	–	–	2	1
		MOOC/SWAYAM/NPTEL	-	-	-	-	-	-	-	-	-
			<b>280</b>	<b>120</b>	<b>130</b>	<b>170</b>	<b>700</b>	<b>15</b>	<b>5</b>	<b>12</b>	<b>22</b>

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
<b>1 Credit</b>	<b>1 Credit</b>	<b>1 Credit</b>
THEORY MARKS		400
PRACTICAL MARKS		300
<b>Total</b>		<b>700</b>

Theory Credits	16
Practical Credits	6
<b>Total</b>	<b>22</b>

<b>ELECTIVE-III</b>
BEE-0831 Advanced Electrical drives
BEE-0832 Process Control
BEE-0833 Computer Application to Power

<b>ELECTIVE-IV</b>
BEE-0841 Renewable & Non-Conventional Energy
BEE-0842 Power System Planning & reliability
BEE-0843 EHVAC and DC Transmission

**NOTE- MINIMUM TWO MONTHS OF INDUSTRIAL /TECHNICAL TRAINING OR INTERNSHIP IS MANDATORY FOR DECLARATION OF RESULT**

**Note: Two subjects out of five must be covered through MOOC/SWAYAM/NPTEL**