



SARDAR PATEL UNIVERSITY BALAGHAT

CBCS/CBGS

Four Year B.Tech in Electrical Engineering (EE)

Academic session 2023-24 & Onwards

IInd YEAR IVth SEMESTER (B.TECH)											
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	BEE401	Application of IOT in Electrical Engineering	70	30	—	—	100	3	1	—	4
2	BEE402	Electrical Machine-I	70	30	—	—	100	3	1	—	4
3	BEE403	Digital Electronics & Logic Design	70	30	—	—	100	3	1	—	4
4	BEE404	Power System-I	70	30	—	—	100	3	1	—	4
5	BEE405	Electromagnetic Field & Materials	70	30	—	—	100	3	1	—	4
6	BEE402P	Electrical Machine-I	—	—	20	30	50	—	—	2	1
7	BEE403P	Digital Electronics & Logic Design	—	—	20	30	50	—	—	2	1
8	BEE404P	Power System-I	—	—	20	30	50	—	—	2	1
9	BEE406P	Computer Programming (JAVA)	—	—	20	30	50	—	—	2	1
10	BEE407P	Mooc/Swayam Course	—	—	—	—	—	—	—	2	—
			350	150	80	120	700	15	5	10	24

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

THEORY MARKS	500
PRACTICAL MARKS	200
Total	700

Theory Credits	20
Practical Credits	4
Total	24