



SARDAR PATEL UNIVERSITY BALAGHAT

CREDIT BASED GRADING SYSTEM

Four Year B.Tech in Electrical Engineering (EE)

Academic session 2023-24 & Onwards

IIIrd YEAR VIth 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	BEE 601	Microprocessor & Microcontrollers	70	30	—	—	100	3	1	—	4
2	BEE 602	Electrical Power Generation	70	30	—	—	100	3	1	—	4
3	BEE 603	Electrical Machine Design	70	30	—	—	100	3	1	—	4
4	BEE 604	Power Electronics	70	30	—	—	100	3	1	—	4
5	BEE 605	Energy Conservation & Management	70	30	—	—	100	3	1	—	4
6	BEE 606P	Electrical Machine Design (CAD)	—	—	20	30	50	—	—	2	1
7	BEE 607P	Minor Project	—	—	—	50	50	—	—	2	1
8	BEE 601P	Microprocessor & Microcontrollers	—	—	20	30	50	—	—	2	1
9	BEE 604P	Power Electronics	—	—	20	30	50	—	—	2	1
10	BEE608P	Professional Activity	—	—	—	50	50	—	—	2	1
			350	150	90	160	750	15	5	10	25

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

PA	Mooc/Swayam Course
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THEORY MARKS	500
PRACTICAL MARKS	250
Total	750

Theory Credits	20
Practical Credits	5
Total	25