SARDAR PATEL UNIVERSITY, BALAGHAT
School of Engineering and Technology
Scheme of Examination

Course: **B. TECH**   Branch: **ELECTRICAL ENGINEERING**   Semester: **VI**

Academic Session: **2024-25**   w.e.f.: **02/09/2024**

S.N.	COURSE CODE	COURSE TITLE	Maximum Marks Allotted					Contact Hours per week			Total Credit
			Theory		Practical						
			CAT II (ESE)	CAT I (MSE)	End	Lab work	Total	L	T	P	
1	BEE 061	Microprocessor & Microcontrollers	70	30	_	_	100	3	1	_	4
2	BEE 062	Electrical Power Generation	70	30	_	_	100	3	1	_	4
3	BEE 063	Electrical Machine Design	70	30	_	_	100	3	1	_	4
4	BEE 064	Power Electronics	70	30	_	_	100	3	1	_	4
5	BEE 065	Energy Conservation & Management	70	30	_	_	100	3	1	_	4
6	BEE 061P	Microprocessor & Microcontrollers lab	_	_	20	30	50	_	_	2	1
7	BEE 063P	Electrical Machine Design (CAD) lab	_	_	20	30	50	_	_	2	1
8	BEE 064P	Power Electronics lab	_	_	20	30	50	_	_	2	1
9	BEE 067P	Minor Project lab	_	_	_	50	50	_	_	2	1
		MOOC/SWAYAM/NPTEL	-	-	-	-	-	-	-	-	-
10	BEE 077P*	ONE MONTH INTERNSHIP (ASSESSMENT WILL BE DONE IN VII SEMESTER)									
			350	150	60	140	700	15	5	8	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

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