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

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

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 I I (ESE)	CAT I (MSE)	End	Lab work	Total	L	T	P	
1	BEE 071	Power System Analysis & Control	70	30	_	_	100	3	1	_	4
2	BEE 072	Utilization of Electrical Energy	70	30	_	_	100	3	1	_	4
3	BEE 073	Electrical Drives	70	30	_	_	100	3	1	_	4
4	Ref Table	Elective-I	70	30	_	_	100	3	1		4
5	Ref Table	Elective-II	70	30	_	_	100	3	1		4
8	BEE 071P	Power System Analysis & Control Lab	_	_	20	30	50	_	_	2	1
9	BEE 073P	Electrical Drives Lab	_	_	20	30	50	_	_	2	1
6	BEE 076P	Major Project -I (Planning & Literature Survey)	_	_		50	50	_	_	2	1
11	BEE 077P	INTERNSHIP ASSESSMENT 2			20	30	50			2	1
		MOOC/SWAYAM/NPTEL	-	-	-	-	-	-	-	-	-
			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

ELECTIVE I		ELECTIVE II
BEE- 0741 Computer Aided Design of Electrical Machines		BEE-0751 High Voltage Engineering
BEE- 0742 Soft Computing Techniques & Applications		BEE-0752 Calibration and Testing of Electrical Equipment
BEE- 0743 SCADA Systems & Application		BEE- 0753 Generalised Theory of Electrical Machines

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