



SARDAR PATEL UNIVERSITY, BALAGHAT

School of Engineering and Technology

Scheme of Examination

Course: **DIPLOMA**

Branch: **ELECTRICAL ENGINEERING**

Semester: **V**

Academic Session: **2024-25**

w.e.f.: **02/09/2024**

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	DEE051	INSTRUMENTATION	70	30	–	–	100	3	1	–	4
2	DEE052	POWER SYSTEM OPERATION & PROTECTION	70	30	–	–	100	3	1	–	4
3	DEE053	POWER ELECTRONICS & APPLICATION	70	30	–	–	100	3	1	–	4
4	DEE054	UTILIZATION OF ELECTRICAL POWER	70	30	–	–	100	3	1	–	4
5	DEE055	ESTIMATING & COSTING	70	30	–	–	100	3	1	–	4
6	DEE051P	INSTRUMENTATION LAB	–	–	20	30	50	–	–	2	1
7	DEE052P	POWER SYSTEM OPERATION & PROTECTION LAB	–	–	20	30	50	–	–	2	1
8	DEE053P	POWER ELECTRONICS & APPLICATION LAB	–	–	20	30	50	–	–	2	1
9	DEE054P	UTILIZATION OF ELECTRICAL POWER LAB	–	–	20	30	50	–	–	2	1
10	DEE056P	MINOR PROJECT	–	–	20	30	50	–	–	2	1
	DEE057P	ASSESSMENT OF INTERNSHIP I	–	–	20	30	50			2	1
		MOOC/SWAYAM/NPTEL									
			350	150	120	180	800	15	5	12	26

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

THEORY MARKS	500
PRACTICAL MARKS	300
Total	800

Theory Credits	20
Practical Credits	6
Total	26

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