

STATE BOARD OF TECHNICAL EDUCATION, BIHAR

Scheme of Teaching and Examinations for
**V SEMESTER DIPLOMA IN ELECTRICAL ENGINEERING/
 ELECTRICAL & ELECTRONICS ENGINEERING.**
 (Effective from Session 2016-17 Batch)

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Switchgear and Protection	1620501	04	03	10	20	70	100	28	40	04
2.	A.C. Machines	1620502	04	03	10	20	70	100	28	40	04
3.	Utilization of Electrical Energy	1620503	04	03	10	20	70	100	28	40	04
4.	Electric Traction-I	1620504	03	03	10	20	70	100	28	40	03
5	Industrial Automation	1620505	03	03	10	20	70	100	28	40	03
Total :-			18				350	500			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Switchgear and Protection Lab	1620506	02	03	15	35	50	20	01
7.	A.C. Machines Lab	1620507	02	03	15	35	50	20	01
8.	Electric Traction Lab-I	1620508	02	03	15	35	50	20	01
9.	Industrial Automation Lab	1620509	02	03	15	35	50	20	01
Total :-			08				200		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
10.	Industrial Project & Entrepreneurship Development (TW)	1620510	04	07	18	25	10	01
11.	Professional Practices-V (TW)	1620511	03	07	18	25	10	01
Total :-			07			50		
Total Periods per week Each of duration One Hour				33	Total Marks = 750			24