

STATE BOARD OF TECHNICAL EDUCATION, BIHAR

Scheme of Teaching and Examinations for

**IIIrd SEMESTER DIPLOMA IN ELECTRICAL ENGINEERING/
ELECTRICAL & ELECTRONICS ENGINEERING.**

(Effective from Session 2020- 21 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.	Introduction to Electric Power Generation Systems	2020301	03	03	10	20	70	100	28	40	03
2.	Electrical Circuits	2020302	03	03	10	20	70	100	28	40	03
3.	Electrical and Electronic Measurements	2020303	04	03	10	20	70	100	28	40	04
4.	Electric Motors and Transformers	2020304	04	03	10	20	70	100	28	40	04
5.	Fundamentals of Basic electronics & Digital Electronics	2020305	03	03	10	20	70	100	28	40	03
Total: -			17				350	500			17

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.	Introduction to electric power generation laboratory	2020306	02 50% physical 50% Virtual	03	15	35	50	20	01
7.	Electrical Circuits Laboratory	2020307	02 50% physical 50% Virtual	03	15	35	50	20	01
8.	Web Technology Lab	2018308	02 50% physical 50% Virtual	03	07	18	25	10	01
9.	Electrical and Electronic Measurements Laboratory	2020309	02 50% physical 50% Virtual	03	07	18	25	10	01
10.	Electric Motors and Transformers Laboratory	2020310	02 50% physical 50% Virtual	03	15	35	50	20	01
Total: -			10				200		05

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	
11.	Python	2018311	02	07	18	25	10	01	
12.	Fundamentals of Basic electronics & Digital Electronics	2020312	04	07	18	25	10	01	
Total: -			06			50		02	
Total Periods per week Each of duration One Hour				33	Total Marks = 750				24