STATE BOARD OF TECHNICAL EDUCATION, BIHAR

Scheme of Teaching and Examinations for

VIth SEMESTER DIPLOMA IN ELECTRICAL ENGINEERING/ ELECTRICAL & ELECTRONIC ENGINEERING.

(Effective from Session 2020-21 Batch)

			(Effect		n Session		21 Batch)						
Sr. No.	SUBJECT	SUBJECT CODE	TEACHI NG SCHEME		EXAMINATION- SCHEME								
			Periods per Week	Hour of Exam	Assess (T Ma	her's sment A) arks A	Class Test (CT) Marks B	Ei Semo Exa (ES Mar C	ester am. SE) ks	Total Marks (A+B+C)	Pass Mark: ESE	Pass Marks in the Subject	Credits
1.	Entrepreneurship and start -ups	2000601	3	3	1	0	20	70)	100	28	40	3
2.	Building Electrification	2020602	4	3	1	0	20	70)	100	28	40	4
3.	Utilization of Electrical Energy	2020603	4	3	1	.0	20	70)	100	28	40	4
4.	Open Elective -I	2020604	3	3	1	0	20	70)	100	28	40	3
	Network Theory(2020604A)							Disaster M	lanage	ement(2015	504B)		
5.	Open Elective -II / COE		3	3	1	0	20	70)	100	20	20	2
	Indian Constitution (2000605A)		Projec	Project Management (2015605B)				Artificial Intelligence (Advance) (2000605B)					
	Internet of Things (Advance) (2000	(20006051	D)	,				3D Printing & Design (Advance) (2000605E)					
	Industrial Automation (Advance) (2000605F)			ehicles	(Advanc	nnce) (2000605G)			Robotics (Advance) (20)00605H)		
	Total: -		17					35	0	500			16
		1			CTICA	L							
Sr.		SUBJECT	TEACHIN SCHEMI	ME EXAMINATION- SCHEME					1				
No.	SUBJECT	CODE	Periods per Week	I	Hours	m. Internal (PA) H		1			Pass Ma		
				F	of Exam.			External (ESE)		Marks	in the Subject		Credits
6.	Elective Lab / COE Lab		4		3	20)	30		50	20)	2
	Building Electrification Laboratory (2020608A)				Artificial Intelligence (Advance) Lab (2000608B)Internet of Things (Advance) (2000608C)						ce) Lab		
	Drone Technology (Advance) Lab (2000608D)				3D Printing & Design (Advance) Lab (2000608E)Industrial Automation (Ad Lab (2000608F)						lvance)		
	Electric Vehicles (Advance) La	J)	R	Robotics (Advance) Lab (2000608H)									
	Total: -		04						50		0		2
					A WO	<u>RK</u>							
Sr. No.	SUBJECT SUBJEC CODE			CHING HEME									
			Periods per Week		Marks of Internal (PA)		ternal	Marks of External (ESE)		Total Marks	Pass Marks the Subje		Credits
7.	Seminar	202060	9	4	15			35		50	20		2
8.	Major Project	202061	0 (6	30			70		100	40		3
9.	Term Work		2			20		30		50	20		1
	Course Under Moocs /NPTEL/	Artificial In	telligence (A	duanaa	Internet of Things (Advance) TW				V	Drone Technology (Advance) TW			

	Course Under Moocs /NPTEL/ Others TW (2020611)	Artificial Intellig TW (200		Internet of Things (20006	· /	Drone Technology (Advance) TW (2000611D)		
	3D Printing & Design (Advance) TW (2000611E)	Industrial A (Advance) TW		Electric Vehicles (20006)		Robotics (Advance) TW (2000611H)		
	Total: -		12			200		06
Total	Periods per week Each of duration		Total Marks = 750			24		