

STATE BOARD OF TECHNICAL EDUCATION BIHAR

Scheme of Teaching and Examinations for IIIrd SEMESTER DIPLOMA IN MECHANICAL ENGINEERING (Effective from Session 2020- 21Batch)

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.	Basic Mechanical Engineering	2025301	03	03	10	20	70	100	28	40	03
2.	Material Science & Engineering	2025302	04	03	10	20	70	100	28	40	03
3.	Fluid Mechanics & Hydraulic Machinery	2025303	04	03	10	20	70	100	28	40	03
4.	Manufacturing Engineering- I	2025304	04	03	10	20	70	100	28	40	03
5.	Thermal Engineering - I	2025305	04	03	10	20	70	100	28	40	03
Total: -			19				350	500			15

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING		EXAMINATION-SCHEME					
			Periods per	Hours of Exam.	Practical (ESE)		Total	Pass	Credits	
					Internal(A)	External (B)				
6.	Manufacturing Engineering Lab	2025306	02 50% Physical 50% Virtual	03	15	35	50	20	01	
7.	Fluid Mechanics & Hydraulic Machinery Lab	2025307	02 50% Physical 50% Virtual	03	07	18	25	10	01	
8.	Web Technology Lab	2018308	02 50% Physical 50% Virtual	03	07	18	25	10	01	
9.	Thermal Engineering Lab-I	2025309	02 50% Physical 50% Virtual	03	07	18	25	10	01	
Total: - 08							125		04	

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.	Essence of Indian Knowledge and Tradition	2025310	4		15	35	50	20	02
11.	Python	2018311	2		07	18	25	10	01
12.	Summer Intern ship-I (4 weeks)	2025312	-		15	35	50	20	02
Total: - 06							125		05
Total Periods per week Each of duration One Hour				33	Total Marks = 750				24