

STATE BOARD OF TECHNICAL EDUCATION BIHAR

Scheme of Teaching and Examinations for

IVth SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

(Effective from Session 2020-21 Batch)

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING	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.	Measurements & Metrology	2025401	03	03	10	20	70	100	28	40	03
2.	Strength of Materials	2025402	03	03	10	20	70	100	28	40	03
3.	Thermal Engineering- II	2025403	03	03	10	20	70	100	28	40	03
4.	Theory of Machines & Mechanisms	2025404	03	03	10	20	70	100	28	40	03
5.	Tool Engineering	2025405	03	03	10	20	70	100	28	40	03
Total: -			15				350	500			15

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.	Measurements & Metrology Lab	2025406	02 50% Physical 50% Virtual	03	15	35	50	20	01
7.	Material Testing Lab	2025407	04 50% Physical 50% Virtual	03	15	35	50	20	02
8.	Thermal Engineering Lab-II	2025408	04 50% Physical 50% Virtual	03	15	35	50	20	02
Total: - 10							150		05

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examinee	Total Marks (X+Y)	Pass Marks in the Subject	Credits	
9.	Minor Project	2025409	04	15	35	50	20	02	
10.	Course Under Moocs / Swayam / Others	2025410	04	15	35	50	20	02	
Total: -						08	100		
Total Periods per week Each of duration One Hour 33						Total Marks = 750		24	