



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Technology and Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
M.Tech In Thermal and Design Engineering

SEMESTER - II (2025-2027)

Sr. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS		
			L	T	P		THEORY			PRACTICAL				
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)			
1	MTME201	Design of Thermal Systems	2	1	0	3	60	20	20	0	0	100		
2	MTME202	Design of IC Engine and Components	2	0	2	3	60	20	20	30	20	150		
3	MTME203	Dynamics and Mechanism Design	2	0	2	3	60	20	20	30	20	150		
4		Elective II	2	1	0	3	60	20	20	0	0	100		
5	MTRM301	Research Methodology in Engineering	3	1	0	4	60	20	20	0	0	100		
6	MTME206	Material Behaviour and Vibration	0	0	2	1	0	0	0	30	20	50		
7	MTME208	Comprehensive Viva II	0	0	2	1	0	0	0	30	20	50		
8	MOOC1	MOOCs	-	-	-	2	-	-	-	-	50	50		
TOTAL			11	3	8	20	300	100	100	120	130	750		

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

List of Elective II

1	MTME214	Incompressible and Compressible Flows
2	MTME224	Measurements in Thermal Engineering

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