



# Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore

Shri Vaishnav Institute of Technology and Science

Choice Based Credit System (CBCS) Scheme

**M Tech. in Mechanical Engineering with Specialization in Thermal and Design**

**Semester: II**

S. No.	Subject Code	Name of Subject	Course Code	Teaching Scheme / week			Examination Scheme					Total Marks	CREDITS
				L	T	P	Theory			Practical			
							End Sem University Exam	Two Term Exam	Teacher Assessment*	End Sem University Exam	Teachers Assessment*		
1	MTME201	Design of Thermal Systems		3	1	0	60	20	20	0	0	100	4
2	MTME202	Design of IC Engine & Components		3	1	2	60	20	20	30	20	150	5
3	MTME203	Dynamics & Mechanism Design		3	1	2	60	20	20	30	20	150	5
4		Elective -I		3	1	0	60	20	20	0	0	100	4
5		Elective -II		3	1	0	60	20	20	0	0	100	4
6	MTME206	Material Behaviour and Vibration		0	0	4	0	0	0	30	20	50	2
7	MTME207	GD & Seminar		0	0	4	0	0	0	30	20	50	2
8	MTME208	Comprehensive Viva		0	0	8	0	0	0	50	50	100	4
<b>TOTAL</b>				<b>15</b>	<b>5</b>	<b>20</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>170</b>	<b>130</b>	<b>800</b>	<b>30</b>
<b>List of Elective I</b>							<b>List of Elective II</b>						
1	MTME214	Incompressible & Compressible Flows					1	MTME215	Advance Heat and Mass Transfer				
2	MTME224	Measurement in Thermal Engineering					2	MTME225	Gas Turbines and Jet Propulsion				
3							3						

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

D. Chandra  
Deputy Registrar  
Shri Vaishnav Vidhyapeeth Vishwavidyalaya

  
Chairperson  
Board of Studies  
Shri Vasthazh Vidyanesth Visthavanvishyala  
Indore

Index