Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Think Excellence. Live Excellence.

Department of Mechanical Engineering
(Running Mechanical & Automobile Engineering Programs)
Choice Based Credit System (CBCS) Scheme
B Tech. in Mechanical Engineering

Year- 3rd   **Semester- 6th**

S. No.	Subject Code	Name of Subject	Course Code	Teaching Scheme / week			Examination Scheme					Total Marks	Credits
							Theory			Practical			
				L	T	P	End Sem University Exam	Two Term Exam	Teacher Assessment*	End Sem University Exam	Teacher Assessment*		
1	BTME601	ROTARY MACHINES	DCS	3	1	2	60	20	20	30	20	150	5
2		ELECTIVE-I	DES	3	0	0	60	20	20	0	0	100	3
3	BTME603	MECHANICAL VIBRATION	DCS	3	0	2	60	20	20	30	20	150	4
4	BTME604	HEAT AND MASS TRANSFER	DCS	2	1	2	60	20	20	30	20	150	4
5	BTME605	DESIGN AND OPTIMIZATION	DCS	3	0	2	60	20	20	30	20	150	4
6	BTME606	SIMULATION OF MECHANICAL SYSTEM LAB	DS	0	0	4	0	0	0	0	40	40	2
7	BTME607	ROBOTRONICS LAB	DS	0	0	4	0	0	0	0	50	50	2
8	ML601	TECHNICAL COMMUNICATION AND SOFT SKILLS	ODS	2	0	0	0	0	10	0	0	10	2
		TOTAL		16	2	16	300	100	110	120	170	800	26

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

LIST OF ELECTIVE VI SEMESTER (ELECTIVE-I)	
BTME612	INTRODUCTION TO FINITE ELEMENT ANALYSIS
BTME622	RESOURCE MANAGEMENT TECHNIQUES
BTME632	ROBOTICS AND MACHINE VISION SYSTEM
BTME642	PROCESSING OF MATERIALS

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

Joint Registrar
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore