



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Think Excellence. Live Excellence.

Department of Mechanical Engineering

B. Tech/B. Tech+MBA in Mechanical Engineering (Scheme 2018-19)

Choice Based Credit System (CBCS) Scheme

SEMESTER - VI

S. No.	COURSE CODE	COURSE NAME	Teaching Scheme / week			Credits	Examination Scheme					Total Marks
			L	T	P		Theory			Practical		
							End Sem University Exam	Two Term Exam	Teacher Assessment*	End Sem University Exam	Teacher Assessment*	
1	BTME601	ROTARY MACHINES	3	1	2	5	60	20	20	30	20	150
2		ELECTIVE-I	3	0	0	3	60	20	20	0	0	100
3	BTME603	MECHANICAL VIBRATION	3	0	2	4	60	20	20	30	20	150
4	BTME604	HEAT AND MASS TRANSFER	3	1	2	5	60	20	20	30	20	150
5	BTME605	DESIGN AND OPTIMIZATION	3	0	2	4	60	20	20	30	20	150
6	BTME606	SIMULATION OF MECHANICAL SYSTEM LAB	0	0	4	2	0	0	0	0	50	50
7	BTME608	TECHNICAL COMMUNICATION AND SOFT SKILLS	0	0	2	1	0	0	0	0	50	50
TOTAL			15	2	14	24	300	100	100	120	180	800

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

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

Note: Students are advised to take additional online MOOCs course(s) of minimum 2 credits.

ELECTIVE-I	
BTME602(1)	FINITE ELEMENT ANALYSIS
BTME602(2)	RESOURCE MANAGEMENT TECHNIQUES
BTME602(3)	ROBOTICS AND MACHINE VISION SYSTEM
BTME602(4)	NON-CONVENTIONAL ENERGY SOURCES

M. C. Chakraborty

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Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, INDORE

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