



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Technology and Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
B. Tech/B. Tech+MBA in Mechanical Engineering
SEMESTER - VI (2021-2025)

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		DEPARTMENTAL ELECTIVE III	3	1	0	4	60	20	20	0	0	100
2		DEPARTMENTAL ELECTIVE IV	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	0	2	4	60	20	20	30	20	150
5	BTME605N	DESIGN OF MACHINE COMPONENTS AND TOOLS	3	0	2	4	60	20	20	30	20	150
6		GENERIC ELECTIVE III	3	0	0	3	60	20	20	0	0	100
7	MOOC3	MOOC III	-	-	-	2	-	-	-	-	50	50
8	BTME606	SIMULATION OF MECHANICAL SYSTEM LAB	0	0	4	2	0	0	0	30	20	50
TOTAL			18	1	10	26	360	120	120	120	130	850

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

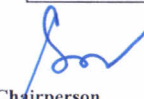
*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

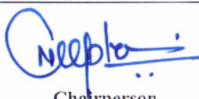
*Students have to compulsorily opt MOOCs course of two credits from Swayam Portal.

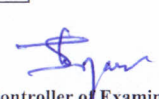
*Note: Students need to complete "2/3 weeks Industrial Training" in summer after 6th sem exams and before the commencement of 7th sem. Which will be evaluate in 7th sem.

DEPARTMENTAL ELECTIVE - III	
BTME601A	OPERATION RESEARCH AND SUPPLY CHAIN
BTME601B	PRODUCTION PLANNING AND CONTROL
BTME601C	PROCESSING OF MATERIALS

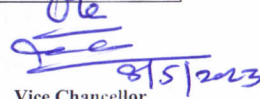
DEPARTMENTAL ELECTIVE - IV	
BTME602A	ADVANCED PRODUCTION TECHNOLOGY
BTME602B	POWER PLANT ENGINEERING
BTME602C	PLANT MAINTENANCE AND SAFETY


Chairperson
 Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Chairperson
 Faculty of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Controller of Examinations
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Joint Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore