



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 - V (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 I	3	0	2	4	60	20	20	30	20	150
2		DEPARTMENTAL ELECTIVE II	3	1	0	4	60	20	20	0	0	100
3	BTME503	DYNAMICS OF MACHINE	3	0	2	4	60	20	20	30	20	150
4	BTME504N	IC ENGINES AND EV	3	0	2	4	60	20	20	30	20	150
5	BTME509	SQC AND TOTAL QUALITY MANAGEMENT	3	0	0	3	60	20	20	0	0	100
6	BTME510	DESIGN THINKING AND INNOVATION	2	0	0	2	60	20	20	0	0	100
7	BTME506	PROTOTYPING LAB	0	0	4	2	0	0	0	30	20	50
8	MOOC2	MOOC II	-	-	-	2	-	-	-	-	50	50
TOTAL			17	1	10	25	360	120	120	120	130	850

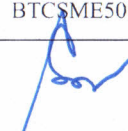
Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;


*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.

DEPARTMENTAL ELECTIVE - I	
BTME501A	CAD CAM CIM
BTME501B	FINITE ELEMENT ANALYSIS
BTCSME501	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

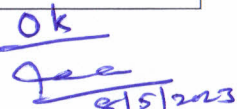
DEPARTMENTAL ELECTIVE - II	
BTME502A	ADVANCED MATERIALS
BTME502B	ROBOTICS AND MACHINE VISION SYSTEM
BTME502C	NON CONVENTIONAL ENERGY SOURCES


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