



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 in Mechanical Engineering
SEMESTER - V (2024-2028)

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	0	0	3	60	20	20	0	0	100
3	BTME503	DYNAMICS OF MACHINE	3	0	2	4	60	20	20	30	20	150
4	BTME509	SQC AND TOTAL QUALITY MANAGEMENT	3	0	0	3	60	20	20	0	0	100
5	BTME510	DESIGN THINKING-AND INNOVATION	2	0	0	2	60	20	20	0	0	100
6		GENERIC ELECTIVE II **	-	-	-	4	-	-	-	-	-	100
7	BTME507	METAL CUTTING AND CNC LAB	0	0	4	2	0	0	0	0	50	50
TOTAL			14	0	8	22	300	100	100	60	90	750

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.

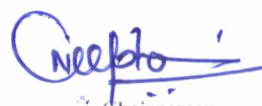
**Generic Elective Course Code and Scheme as per the Generic Elective Basket Approved by the University.

DEPARTMENTAL ELECTIVE - I	
BTME501A	CAD CAM CIM
BTME501B	FINITE ELEMENT ANALYSIS
BTME501C	PLANT MAINTENANCE AND SAFETY

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



Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore



Dean Academic
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore



Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore