



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 Specialization in Digital Manufacturing using AI and Cyber Physical System in Collaboration with

L&T Edutech

SEMESTER - II (2026 -2030)

Sr. No.	COURSE CODE	COURSE NAME	TEACHING			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	BTMELT202	Critical Thinking, Design Thinking, Leadership and Teamwork	2	0	2	3	60	20	20	0	50	150
2	BTMA201N	Mathematics II	3	1	0	4	60	20	20	0	0	100
3	BTPH101	Applied Physics	3	1	2	5	60	20	20	30	20	150
4	BTME105	Fundamentals of Mechanical Engineering and Applied Mechanics	3	0	2	4	60	20	20	30	20	150
5	BTME201	Fundamentals of Mechanical Measurement	3	0	2	4	60	20	20	30	20	150
6	BTME103	Workshop Practices	0	0	2	1	0	0	0	30	20	50
7	BTME206	Computer Aided Machine Drawing Lab	0	0	2	1	0	0	0	0	50	50
TOTAL			14	2	12	22	300	100	100	120	180	800

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 are advised to earn atleast 02 credits in MOOCs for the award of degree

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