



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 Mechatronics

SEMESTER-VI (2023-2027)

S. 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	BTRA501	Robotic Engineering	3	0	0	3	60	20	20	0	0	100
2	BTMT602	Mechatronics System Design	3	0	2	4	60	20	20	30	20	150
3	BTRA512	Industrial Automation	3	1	2	5	60	20	20	30	20	150
4	BTMEMT610	CNC Machining Technology	3	0	2	4	60	20	20	30	20	150
5	-	Elective II	3	1	2	5	60	20	20	30	20	150
6	-	Moocs	-	-	-	2	-	-	-	-	50	50
7	BTMEMT612	CAD Modeling and Mechanism Lab	0	0	2	1	0	0	0	30	20	50
TOTAL			15	2	10	24	300	100	100	150	150	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 have to compulsorily opt MOOCS course of two credit from Swayam Portal

S. No.	Course Code	Elective II
1	BTMEMT611	Thermodynamics Principles and Applications
2	BTEC515	Data Communications Computer Networks
3	BTEI603	Process Control Engineering

*Arjali
10/11/2023*

Neetu

Neetu

Tanu

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

Alka
Alka

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore