



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-IV (2021-2025)

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	BTEC301	Advanced Programming Concepts	3	0	4	5	60	20	20	30	20	150
2	BTEI401	Microprocessor and Microcontroller	3	1	2	5	60	20	20	30	20	150
3	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
4	BTME401	Fluid Mechanics	3	0	2	4	60	20	20	30	20	150
5	BTEI503	Virtual LAB	0	0	2	1	0	0	0	30	20	50
6	BTEI404	PLC LAB	0	0	2	1	0	0	0	30	20	50
7	-	Generic Elective II	3	0	0	3	60	20	20	0	0	100
8	-	MOOCs I(Generic)	2	0	0	2	-	-	-	-	-	100
TOTAL			18	1	12	25	300	100	100	150	100	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.

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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