



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 Robotics and Automation

SEMESTER-V (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 Assess-ment* (20%)	End Sem University Exam (60%)	Teachers Assess-ment* (40%)	
1	BTME503	Dynamics of Machine	3	0	2	4	60	20	20	30	20	150
2	BTEE503	Control System Engineering	3	1	2	5	60	20	20	30	20	150
3	BTME510	Design Thinking and Innovation	2	0	0	2	60	20	20	0	0	100
4	-	Elective I	3	0	2	4	60	20	20	30	20	150
5	-	Generic Elective II	4	0	0	4	60	20	20	0	0	100
6	BTEEE501	Minor Project	0	0	4	2	0	0	0	30	20	50
7	BTEC507	Programming in Python	0	0	2	1	0	0	0	30	20	50
TOTAL			15	1	12	22	300	100	100	150	100	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.

S. No.	Course Code	Elective I
1	BTCS306M	Fundamentals of Data Structures
2	BTEI611	Data Acquisition System
3	BTECIOT508	Introduction to AI and ML

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