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-VI (2023-2027)

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
							THEORY			PRACTICAL		
			L	T	P		End Sem Unversity Exam (60%)	Two Term Exam (20%)	Teachers Assess-ment* (20%)	End Sem Unversity Exam (60%)	Teachers Assess-ment* (40%)	
1	BTRA501	Robotic Engineering	3	0	0	3	60	20	20	0	0	100
2	BTRA601	Advanced Control Systems	3	1	0	4	60	20	20	0	0	100
3	BTRA512	Industrial Automation	3	1	2	5	60	20	20	30	20	150
4	BTRA602	Computer Aided Design and Manufacturing	3	1	2	5	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	BTEC605	Programming in Embedded C	0	0	2	1	0	0	0	30	20	50
		TOTAL	12	4	8	25	300	100	100	120	130	750

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Paticipation 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	BTEC515	Data Communication and Computer Networks
2	BTRA613	Neural Networks and Fuzzy Logic
3	BTEC624	Advanced Microcontrollers