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-IV (2021-2025)

| 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	BTME402	Theory of Machines	3	1	2	5	60	20	20	30	20	150
2	BTEE503	Control System Engineering	2	1	2	4	60	20	20	30	20	150
3	BTECIOT501	Communication Systems	3	1	2	5	60	20	20	30	20	150
4	BTRA401	Power Electronics and Drives	3	0	2	4	60	20	20	30	20	150
5	-	Generic Elective II	3	0	0	3	60	20	20	0	0	100
6	-	MOOCs I	2	0	0	2	-	-	-	-	-	100
7	BTEC405	Programming with Arduino	0	0	4	2	0	0	0	30	20	50
		TOTAL	16	3	12	25	240	80	80	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/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

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

Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore