



**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-III (2021-2025)**

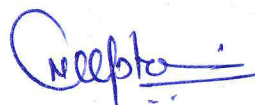
S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assess-ment* (20%)	End Sem University Exam (60%)	Teachers Assess-ment* (40%)	
1	BTEC302	Network Analysis and Synthesis	3	1	2	5	60	20	20	30	20	150
2	BTME303	Strength of Materials	3	1	2	5	60	20	20	30	20	150
3	BTEC304	Electronic Devices and Circuits	3	1	2	5	60	20	20	30	20	150
4	BTECIOT401	Sensors and Signal Conditioning	3	0	2	4	60	20	20	30	20	150
5	-	Generic Elective I	3	0	0	3	60	20	20	0	0	100
6	BTEC307	PCB Designing Lab	0	0	4	2	0	0	0	30	20	50
TOTAL			15	3	12	24	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.**



**Chairperson**  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



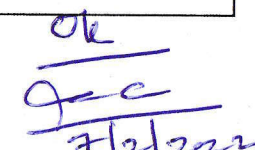
**Chairperson**  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Controller of Examinations**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Vice Chancellor**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore