



**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 Electronics and Communication (Internet of Things)**

SEMESTER-VI (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	BTECIOT601	Application Development for IOT	3	0	2	4	60	20	20	30	20	150
2	BTECIOT602	Data Analytics for IOT	3	0	2	4	60	20	20	30	20	150
3	BTEC603	Discrete Time Signal Processing	3	1	2	5	60	20	20	30	20	150
4	BTECIOT604	Embedded Systems with Raspberry pi and Arduino	0	0	2	1	0	0	0	30	20	50
5	-	Elective II	3	1	2	5	60	20	20	30	20	150
6	-	Generic Elective III	3	0	0	3	60	20	20	0	0	100
7	-	MOOCs III	0	0	0	2	-	-	-	-	50	50
8	BTEI404	PLC Lab	0	0	4	2	0	0	0	30	20	50
TOTAL			15	2	14	26	300	100	100	180	170	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.												
* Students have to compulsorily opt MOOCS course of two credit from Swayam Portal												

S No	Course Code	Elective II
1	BTEC525	FPGA Based System Design
2	BTEI604	Digital Image Processing
3	BTEC714	Embedded Systems for Robotics

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

*[Signature]*  
**Chairperson**  
 Faculty of Studies  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

*[Signature]*  
**Controller of Examinations**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

*[Signature]*  
**Joint Registrar**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

*[Signature]*  
**Vice Chancellor**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore