



**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-V (2021-2025)**

B.TECH. in Electronics and Communication (Internet of Things)

SEMESTER-V (2021-2025)

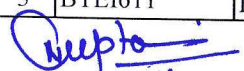
S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assess-ment* (20%)	End Sem University Exam (60%)	Teachers Assess-ment* (40%)	
1	BTEI401	Microprocessor and Microcontroller	3	1	2	5	60	20	20	30	20	150
2	BTECIOT501	Communication Systems	3	1	2	5	60	20	20	30	20	150
3	BTECIOT603	IOT Architecture and Protocols	3	0	0	3	60	20	20	0	0	100
4	-	Elective I	3	1	2	5	60	20	20	30	20	150
5	-	MOOCs II (Generic)	-	-	-	2	-	-	-	-	50	50
6	BTME510	Design Thinking and Innovation	2	0	0	2	60	20	20	0	0	100
7	BTECIOT503	Minor Project	0	0	4	2	0	0	0	30	20	50
8	BTEC507	Programming in Python	0	0	2	1	0	0	0	30	20	50
TOTAL			14	3	12	25	300	100	100	150	150	800

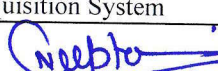
Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

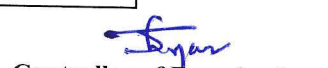
\*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Paticipation in Class, given that no component shall exceed more than 10 marks.

\* Students have to compulsorily opt MOOCS course of two credit from Swayam Portal

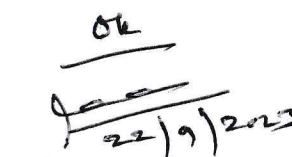
S No	Course Code	Elective I
1	BTCS405	Data Base Management System
2	BTEC515	Data Communication and Computer Networks
3	BTEI611	Data Acquisition System

  
**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