



**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 (2023-2027)**

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	BTEE503	Control System Engineering	3	1	2	5	60	20	20	30	20	150
2	BTECIOT603	IOT Architecture and Protocols	3	1	0	4	60	20	20	0	0	100
3	-	Elective I	3	0	2	4	60	20	20	30	20	150
4	-	Generic Elective II	4	0	0	4	60	20	20	0	0	100
5	BTME510	Design Thinking and Innovation	2	0	0	2	60	20	20	0	0	100
6	BTEEE501	Minor Project	0	0	4	2	0	0	0	30	20	50
7	BTEC507	Programming in Python	0	0	2	1	0	0	0	30	20	50
TOTAL			15	2	10	22	300	100	100	120	80	700

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.

S.No	Course Code	Elective I
1	BTCS306M	Fundamentals of Data Structures
2	BTECIOT508	Introduction to AI and ML
3	BTEI611	Data Acquisition System

*(Signature)*

*(Signature)*  
**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)*  
**Registrar**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

*(Signature)*  
**Vice Chancellor**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore