



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-VII (2023-2027)

SEMESTER-VII (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	BTECIOT702	Security in IOT	3	1	0	4	60	20	20	0	0	100
2	-	Elective III	3	0	2	4	60	20	20	30	20	150
3	-	Elective IV	3	1	0	4	60	20	20	0	0	100
4	BBAI501	Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100
5	BTEC703	System Verilog based Design and Verification Lab	0	0	4	2	0	0	0	30	20	50
6	BTEEE701	Industrial Training	0	0	2	1	0	0	0	30	20	50
7	BTEEE702	Major Project	0	0	6	3	0	0	0	90	60	150
TOTAL			13	2	14	22	240	80	80	180	120	700
Legends: L = Lecture ; T = Tutorial/Teaching Assistant ; P = Practical												

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 III
1	BTEC714	Embedded Systems for Robotics
2	BTEC723	Advanced Microcontroller and Embedded Systems
3	BTECIOT701	Real Time Operating Systems

S No	Course Code	Elective IV
1	BTRA601	Advanced Control Systems
2	BTECIOT721	Energy Harvesting for IOT devices
3	BTECIOT703	Wireless Sensor Networks

Signature
16/7/2026

Signature

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Signature

Chairperson
Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Controller of Examinations
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Signature

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore