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 (2021-2025)

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
							THEORY			PRACTICAL		
			L	T	P		End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	BBAI501	Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100
2	BTECIOT702	Security in IOT	3	0	0	3	60	20	20	0	0	100
3	-	Elective III	3	0	2	4	60	20	20	30	20	150
4	-	Elective IV	3	1	0	4	60	20	20	0	0	100
5	-	Generic Elective IV	3	0	0	3	60	20	20	0	0	100
6	BTEC703	System Verilog based Design and Verification Lab	0	0	4	2	0	0	0	30	20	50
7	BTECIOT705	Major Project	0	0	6	3	0	0	0	90	60	150
8	BTEEE701	Industrial Training	0	0	2	1	0	0	0	30	20	50
		TOTAL	16	1	14	24	300	100	100	180	120	800

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	BTCS701	Cloud Computing
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

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

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

11.9.2024

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore