



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Technology and Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

(For 2024-2026 Batch)

B.Tech. in Electronics and Communication

SEMESTER-VII (2021-2025)

SEMESTER-VII (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%)	Teacher s Assessment* (40%)	
1	BBA1501	Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100
2	BTEC702	Advanced Communication Systems	3	0	2	4	60	20	20	30	20	150
3	-	Elective III	3	0	2	4	60	20	20	30	20	150
4	-	Elective IV	3	0	2	4	60	20	20	30	20	150
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	BTEEE701	Industrial Training	0	0	2	1	0	0	0	30	20	50
8	BTEC705	Major Project	0	0	4	2	0	0	0	90	60	150
TOTAL			16	0	16	24	300	100	100	240	160	900
Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Project												

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	BTEC723	Advanced Microcontroller and Embedded Systems
2	BTECIOT711	Principles of Artificial Intelligence and Machine Learning
3	BTEC701	Optical and Satellite Communication

S. No.	Course Code	Elective IV
1	BTEC714	Embedded Systems for Robotics
2	BTECIOT601	Application Development for IOT
3	BTECIOT701	Real Time Operating Systems

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

11.9.2024