



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
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	BBAI501	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

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

11.9.2024