



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 EC/ EE/ EX

SEMESTER IV (2024-2028)

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 Assess-ment* (20%)	End Sem University Exam (60%)	Teachers Assess-ment* (40%)	
1	BTEI401	Microprocessor and Microcontroller	3	0	2	4	60	20	20	30	20	150
2	BTECIOT501	Communication Systems	3	0	2	4	60	20	20	30	20	150
3	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
4	BTCS306M	Fundamentals of Data Structures	3	0	2	4	60	20	20	30	20	150
5	BTEE404	Electromagnetic Field Theory	3	1	0	4	60	20	20	0	0	100
6	-	Moocs	-	-	-	2	-	-	-	-	50	50
7	BTEC405	Programming with Arduino	0	0	2	1	0	0	0	30	20	50
TOTAL			16	1	8	23	300	100	100	120	130	750

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.**

*** Students have to compulsorily opt MOOCS course of two credit from Swayam Portal**

Signature
6/11/2026
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