



**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 Electrical and Electronics Engineering**

**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	BTEE701N	Electric Drives	3	1	2	5	60	20	20	30	20	150
2		Elective III	3	0	0	3	60	20	20	0	0	100
3		Elective IV	3	0	0	3	60	20	20	0	0	100
4	BBA1501	Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100
5		Generic Elective IV	4	0	0	4	60	20	20	0	0	100
6	BTEE706	Solar Power Lab	0	0	2	1	0	0	0	30	20	50
7	BTEE703	Major Project	0	0	6	3	0	0	0	60	40	100
8	BTEEE701	Industrial Training	0	0	2	1	0	0	0	30	20	50
TOTAL			17	1	12	24	300	100	100	150	100	750
Legend: L = Lectures, T = Tutorials, P = Practicals, E = Experiments												

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	BTEE711	High Voltage Engineering
2	BTEE715	Computer Application to Power System
3	BTEE714	Cyber Security in Smart Grid

S. No.	Course Code	Elective IV
1	BTEE721	Digital Signal Processing
2	BTEE722	Supervisory Control and Data Acquisition Systems and Applications
3	BTEE723	Artificial Neural Network

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 Shri Vaishnav Vidyapeeth  
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 Shri Vaishnav Vidyapeeth  
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**Vice Chancellor**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

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