



**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 Electronics Engineering**

**SEMESTER-VI (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%)	Teachers Assessment* (40%)	
1	BTEE601	Power System Analysis and Control	3	1	2	5	60	20	20	30	20	150
2	BTEE602	Renewable Energy	3	0	0	3	60	20	20	0	0	100
3	BTEE603	Utilization of Electrical Energy	3	1	2	5	60	20	20	30	20	150
4	BTEE604	Electrical Software Simulation Lab	0	0	4	2	0	0	0	30	20	50
5	BTEE609	Electrical Safety Lab	0	0	2	1	0	0	0	30	20	50
6		Elective II	3	0	0	3	60	20	20	0	0	100
7		Generic Elective III	3	0	0	3	60	20	20	0	0	100
8		MOOCs III	-	-	-	2	-	-	-	-	50	50
TOTAL			15	2	10	24	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

S. No.	Course Code	Elective II
1	BTEE615	Hybrid Electric Vehicles
2	BTEE613	Energy Auditing
3	BTEE617	Principles of Communication Engineering



**Chairperson**  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



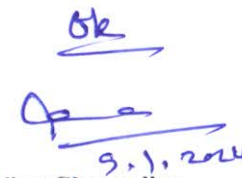
**Chairperson**  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Controller of Examinations**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

  
9.1.2024

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