



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 Engineering
SEMESTER-VI (2022-2026)

SEMESTER-VI (2022-2020)												
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	BTEE502	Power Electronics	2	1	2	4	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		Elective II	4	0	0	4	60	20	20	0	0	100
5		Generic Elective III	3	0	0	3	60	20	20	0	0	100
6	BTEE604N	Electrical Simulation Lab	0	0	4	2	0	0	0	30	20	50
7	BTEE609	Electrical Safety Lab	0	0	2	1	0	0	0	30	20	50
8		MOOCs III	-	-	-	2	-	-	-	-	50	50
TOTAL			15	2	10	24	300	100	100	120	130	750
Legend: L= Lectures, T= Tutorials, P=Practicals												

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 I
1	BTEE611	Flexible Alternating Current Transmission Systems
2	BTEE612	Power System Economics
3	BTEE613	Energy Auditing

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Chairperson
 Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

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Chairperson
 Faculty of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

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Controller of Examinations
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

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Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

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Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore