



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 / Electrical and Electronics Engineering

SEMESTER-VI (2023-2027)

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	BTEE502	Power Electronics	3	1	2	5	60	20	20	30	20	150
2	BTEE601	Power System Analysis and Control	3	1	2	5	60	20	20	30	20	150
3	BTEE603	Utilization of Electrical Energy	3	1	2	5	60	20	20	30	20	150
4	BTEE504	Switchgear and Protection	3	0	2	4	60	20	20	30	20	150
5	-	Elective II	3	0	0	3	60	20	20	0	0	100
6	-	Moocs	-	-	-	2	-	-	-	-	50	50
7	BTEE604	Electrical Software Simulation Lab	0	0	2	1	0	0	0	30	20	50
TOTAL			15	3	10	25	300	100	100	150	150	800

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
10/1/26

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

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore