



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Bachelor of Technology (Electrical and Electronics Engineering)**  
**Choice Based Credit System (CBCS)**

**SEMESTER - VI (w.e.f. Batch 2018-19)**

S. No.	COURSE CODE	COURSE NAME	TEACHING			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	1	0	4	60	20	20	0	0	100
3	BTEE603	Utilization of Electrical Energy	3	1	2	5	60	20	20	30	20	150
5	BTEE604	Electrical Software Simulation Lab	0	0	4	2	0	0	0	30	20	50
4		Elective	3	0	0	3	60	20	20	0	0	100
6	BTEI401	Microprocessor and Microcontroller	2	1	2	4	60	20	20	30	20	150
7	BTEE605	Personality Development	0	0	2	1	0	0	0	0	50	50
			14	4	12	24	300	100	100	120	130	750

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

Note: Students are advised to take online MOOCS courses of minimum 2 credits

Elective Subject		
S No	Subject Code	Subject Name
1	BTEE611	Flexible Alternating Current Transmission systems
2	BTEE615	Hybrid Electric Vehicles
3	BTEE616	Soft Computing

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

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

**Controller of Examinations**  
 Shri Vaishnav Vidyapeeth Vishwavidyalaya

**Registrar**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

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