





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/Electrical and Electronics Engineering


SEMESTER-IV (2022-2026)


| 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 | BTEE401 | Electrical Machines I | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | BTEE403 | Power System I | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTEE404 | Electromagnetic Field Theory | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 4 | BTEI401 | Microprocessor and Microcontroller | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | BTEE105 | Basics of MATLAB | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 6 | - | Generic Elective II | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 7 | - | MOOCs I | - | - | - | 2 | - | - | - | - | 50 | 50 |
| TOTAL | | | 15 | 3 | 8 | 24 | 300 | 100 | 100 | 120 | 130 | 750 |

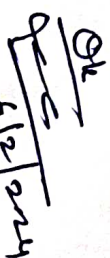
Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical
 *Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.


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


Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore