



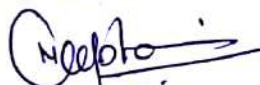
**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Technology and Science**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B.Tech. in Electrical/Electrical and Electronics Engineering**

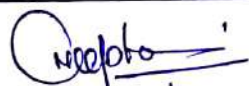
**SEMESTER-II (2022-2026)**


| 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            | BTMA201     | Applied Mathematics II                                       | 3                    | 1        | 0         | 4         | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 2            | BTPH101     | Applied Physics  | 3                    | 1        | 2         | 5         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3            | ML307       | Environmental Management and Sustainability                  | 3                    | 0        | 0         | 3         | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 4            | BTME105     | Fundamentals of Mechanical Engineering and Applied Mechanics | 3                    | 0        | 2         | 4         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 5            | BTEC402     | Digital Electronics  | 3                    | 1        | 2         | 5         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 6            | BTEE103     | Electrical Workshop  | 0                    | 0        | 2         | 1         | 0                             | 0                   | 0                          | 50                            | 50                         | 100         |
| 7            | BTME103     | Workshop Practices   | 0                    | 0        | 2         | 1         | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
| <b>TOTAL</b> |             |  | <b>15</b>            | <b>3</b> | <b>10</b> | <b>23</b> | <b>300</b>                    | <b>100</b>          | <b>100</b>                 | <b>170</b>                    | <b>130</b>                 | <b>800</b>  |

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