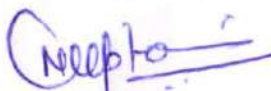
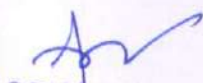


| Shri Vaishnav Vidyapeeth Vishwavidyalaya     |              |   |             |                      |          |           |                         |               |                      |                         |                      |             |               |
|--|--------------|---|-------------|----------------------|----------|-----------|-------------------------|---------------|----------------------|-------------------------|----------------------|-------------|---------------|
| Choice Based Credit System (CBCS)            |              |   |             |                      |          |           |                         |               |                      |                         |                      |             |               |
| Bachelor of Technology (Railway Engineering) |              |   |             |                      |          |           |                         |               |                      |                         |                      |             |               |
| VI-SEMESTER                                  |              |   |             |                      |          |           |                         |               |                      |                         |                      |             |               |
| Sn   | Subject Code | Subject Name                            | Course Code | Teaching Scheme/week |          |           | Examination Scheme      |               |                      |                         |                      | Total Marks | Total Credits |
|  |              |   |             | L                    | T        | P         | Theory                  |               |                      | Practical               |                      |             |               |
|  |              |   |             |                      |          |           | End Sem University Exam | Two Term Exam | Teachers Assessment* | End Sem University Exam | Teachers Assessment* |             |               |
| 1  | BTRW601      | Electrical Machines and Drives          |             | 3                    | 1        | 2         | 60                      | 20            | 20                   | 30                      | 20                   | 150         | 5             |
| 2  | BTRW602      | Railway Safety                          |             | 3                    | 1        | 2         | 60                      | 20            | 20                   | 30                      | 20                   | 150         | 5             |
| 3  | BTRW603      | Introduction to Simulation Tool         |             | 0                    | 0        | 4         | 0                       | 0             | 0                    | 30                      | 20                   | 50          | 2             |
| 4  | BTCE 602     | Structural Analysis -II                 |             | 3                    | 1        | 0         | 60                      | 20            | 20                   | 0                       | 0                    | 100         | 4             |
| 5  |              | Elective                                |             | 3                    | 1        | 0         | 60                      | 20            | 20                   | 0                       | 0                    | 100         | 4             |
| 6  | BTME603      | Mechanical Vibration                    |             | 3                    | 0        | 2         | 60                      | 20            | 20                   | 30                      | 20                   | 150         | 4             |
| 7  | BTEC606      | Technical Communication and Soft skills |             | 1                    | 0        | 0         | 0                       | 0             | 50                   | 0                       | 0                    | 50          | 1             |
| 8  | BTRW604      | Personality Development                 |             | 0                    | 0        | 2         | 0                       | 0             | 0                    | 0                       | 50                   | 50          | 1             |
| <b>Total</b>                                 |              |   |             | <b>16</b>            | <b>4</b> | <b>12</b> | <b>300</b>              | <b>100</b>    | <b>150</b>           | <b>120</b>              | <b>130</b>           | <b>800</b>  | <b>26</b>     |

| Elective Subject |              |  |
|------------------|--------------|--|
| S No             | Subject Code | Subject Name                             |
| 1                | BTRW611      | Locomotives and Rail Road Transportation |
| 2                | BTRW612      | Mechanics of Composites                  |
| 3                | BTEE613      | Energy Auditing                          |
| 4                | BTEE614      | System Engineering                       |

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

  
**Registrar**  
 Shri Vaishnav Vidyapeeth  
 Vishwavidyalaya, Indore

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