



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Think Excellence. Live Excellence.

## Department of Mechanical Engineering

(Running Mechanical & Automobile Engineering Programs)

Choice Based Credit System (CBCS) Scheme

B.Tech/ B.Tech+MBA in Mechanical Engineering

Year- 2nd

Semester- 3rd

| S. No.       | Subject Code | Name of Subject                | Course Code | Teaching Scheme / week |          |           | Examination Scheme      |               |                     |                         |                     | Total Marks | Credits   |
|--------------|--------------|--------------------------------|-------------|------------------------|----------|-----------|-------------------------|---------------|---------------------|-------------------------|---------------------|-------------|-----------|
|              |              |                                |             | L                      | T        | P         | Theory                  |               |                     | Practical               |                     |             |           |
|              |              |                                |             |                        |          |           | End Sem University Exam | Two Term Exam | Teacher Assessment* | End Sem University Exam | Teacher Assessment* |             |           |
| 1            | BTME301      | MATERIAL SCIENCE               | DCS         | 3                      | 0        | 0         | 60                      | 20            | 20                  | 0                       | 0                   | 100         | 3         |
| 2            | BTME302      | PRODUCTION PROCESS             | DCS         | 3                      | 0        | 2         | 60                      | 20            | 20                  | 30                      | 20                  | 150         | 4         |
| 3            | BTME303      | STRENGTH OF MATERIALS          | DCS         | 3                      | 1        | 2         | 60                      | 20            | 20                  | 30                      | 20                  | 150         | 5         |
| 4            | BTME304      | ENGINEERING THERMODYNAMICS     | DCS         | 3                      | 1        | 2         | 60                      | 20            | 20                  | 30                      | 20                  | 150         | 5         |
| 5            | BTME305      | MACHINE DRAWING                | DCS         | 0                      | 0        | 4         | 0                       | 0             | 0                   | 30                      | 20                  | 50          | 2         |
| 6            | BTME307      | MECHANICAL MEASUREMENT LAB     | DCS         | 0                      | 0        | 2         | 0                       | 0             | 0                   | 30                      | 20                  | 50          | 1         |
| 7            | ML301        | ENVIRONMENT AND ENERGY STUDIES | ODS         | 4                      | 0        | 0         | 60                      | 20            | 20                  | 0                       | 0                   | 100         | 4         |
| <b>TOTAL</b> |              |                                |             | <b>16</b>              | <b>2</b> | <b>12</b> | <b>300</b>              | <b>100</b>    | <b>100</b>          | <b>150</b>              | <b>100</b>          | <b>750</b>  | <b>24</b> |

\*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 additional online MOOCs course(s) of minimum 2 credits.

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

**Registrar**  
Shri Vaishnav Vidyapeeth Vishwavidyalaya  
Indore