



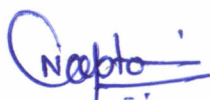
**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Technology and Science**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B. Tech in Mechanical Engineering**  
**SEMESTER - VII (2023-2027)**

| Sr. 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       |             | DEPARTMENTAL ELECTIVE V              | 3                    | 0 | 0  | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 2       | BTME703N    | TURBOMACHINERY                       | 3                    | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3       | BTME704     | REFRIGERATION AND AIR CONDITIONING   | 3                    | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 5       | BTME708     | INDUSTRIAL ENGINEERING               | 3                    | 0 | 0  | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 6       | BBAI501     | HUMAN VALUES AND PROFESSIONAL ETHICS | 4                    | 0 | 0  | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 7       | BTME705     | MINOR PROJECT                        | 0                    | 0 | 4  | 2       | 0                             | 0                   | 0                          | 60                            | 40                         | 100         |
| 8       | BTME709     | INDUSTRIAL TRAINING                  | 0                    | 0 | 4  | 2       | 0                             | 0                   | 0                          | 0                             | 50                         | 50          |
| TOTAL   |             |                                      | 16                   | 0 | 12 | 22      | 300                           | 100                 | 100                        | 120                           | 130                        | 750         |

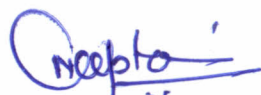
Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

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

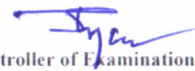
| DEPARTMENTAL ELECTIVE - V |                                             |
|---------------------------|---------------------------------------------|
| BTME701A                  | AUTOMOBILE ENGINEERING                      |
| BTME701B                  | GAS DYNAMICS AND JET PROPULSION             |
| BTME701C                  | INDUSTRIAL AUTOMATION AND PRODUCTION SYSTEM |



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



Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



Dean Academic  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore