

**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Technology and Science**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**Diploma in Mechatronics Engineering**

**SEMESTER- III (2024-2027)**

| 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 Assess-ment* (20%) | End Sem University Exam (60%) | Teachers Assess-ment* (40%) |             |
| 1      | DTET301     | Signals and Systems                         | 3                    | 0 | 0 | 3       | 60                            | 20                  | 20                          | 0                             | 0                           | 100         |
| 2      | DTMT302     | Basic Digital Electronics                   | 3                    | 0 | 2 | 4       | 60                            | 20                  | 20                          | 30                            | 20                          | 150         |
| 3      | ML307       | Environmental Management and Sustainability | 4                    | 0 | 0 | 4       | 60                            | 20                  | 20                          | 0                             | 0                           | 100         |
| 4      | DTMEMT308   | Basics of Mechanics and Thermal Energy      | 2                    | 1 | 2 | 4       | 60                            | 20                  | 20                          | 30                            | 20                          | 150         |
| 5      | DTME308     | Computer Aided Drafting Lab                 | 0                    | 0 | 2 | 1       | 0                             | 0                   | 0                           | 30                            | 20                          | 50          |
| 6      | -           | Generic Elective I                          | 4                    | 0 | 0 | 4       | 60                            | 20                  | 20                          | 0                             | 0                           | 100         |
| TOTAL  |             |                                             | 16                   | 1 | 6 | 20      | 300                           | 100                 | 100                         | 90                            | 60                          | 650         |

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

**Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

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