




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 Mechatronics


SEMESTER-II (2023-2027)


| 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 | BTME105 | Fundamentals of Mechanical Engineering and Applied Mechanics | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | BTPH101 | Applied Physics | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTMA201N | Mathematics II | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 4 | BTEC104 | Digital Logic and Circuit Design | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | BTEC103 | Electronic Workshop | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 6 | BTME103 | Workshop Practices | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| TOTAL | | | 12 | 3 | 10 | 20 | 240 | 80 | 80 | 150 | 100 | 650 |
| Legends: L – Lectures; T – Tutorials; TE – Term End Exams; G – Guided Questions | | | | | | | | | | | | |


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

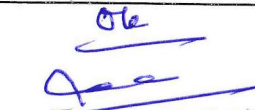
*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.


Chairperson
 Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Chairperson
 Faculty of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Controller of Examinations
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Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore


Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore
 11.9.2024