



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

B.Tech. (Mechatronics)

W.E.F. 2018-19

IV - SEMESTER

| S. No. | Subject Code | Name of Subject | Course Code | TEACHING | | | Examination Scheme | | | | | TOTAL MARKS | CREDITS |
|--------------|--------------|------------------------------------|-------------|-----------|----------|-----------|-------------------------|---------------|----------------------|-------------------------|----------------------|-------------|-----------|
| | | | | L | T | P | Theory | | | Practical | | | |
| | | | | | | | End Sem University Exam | Two Term Exam | Teachers Assessment* | End Sem University Exam | Teachers Assessment* | | |
| 1 | BTEC408 | Signal and System | | 2 | 1 | 2 | 60 | 20 | 20 | 30 | 20 | 150 | 4 |
| 2 | BTEI401 | Microprocessor and Microcontroller | | 2 | 1 | 2 | 60 | 20 | 20 | 30 | 20 | 150 | 4 |
| 3 | BTMT402 | Measurement Science and Techniques | | 3 | 1 | 2 | 60 | 20 | 20 | 30 | 20 | 150 | 5 |
| 4 | BTME401 | Fluid Mechanics | | 3 | 0 | 2 | 60 | 20 | 20 | 30 | 20 | 150 | 4 |
| 5 | BTEI402 | Sensor and Transducer | | 3 | 1 | 2 | 60 | 20 | 20 | 30 | 20 | 150 | 5 |
| 6 | BTEI404 | PLC Lab | | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 50 | 50 | 2 |
| TOTAL | | | | 13 | 4 | 14 | 300 | 100 | 100 | 150 | 150 | 800 | 24 |

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

*Students are advised to take online moocs courses of 2 credits.

Chairperson
Board of Studies

Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

Registrar
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore