# Shri Vaishnav Vidyapeeth Vishwavidyalaya
## Shri Vaishnav Institute of Information Technology
## Choice Based Credit System (CBCS)
## B.Tech (CSE- Big Data and Cloud Engineering-Impetus Technologies)

## SEMESTER VI ( 2020-2021)

| Sr. No. | Course Code | Course Name | TEACHING | | | CREDITS | EXAMINATION SCHEME | | | | | TOTAL MARKS |
|---------|-------------|-------------|---|---|---|---------|--------------------|---|---|---|---|-------------|
| | | | | | | | THEORY | | | PRACTICAL | | |
| | | | L | T | P | | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | |
| 1 | BTCS501 | Theory of Computation | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 2 | BTCS602 | Internet of Things | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTCS603 | Cloud Engineering | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | BTCS608 | Data Science | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | | Elective-II | 2 | 1 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 6 | BTIT608 | IT Workshop - SciLab/MATLAB | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 |
| 7 | BTCS606 | Minor Project | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 |
| | | | 14 | 2 | 16 | 24 | 300 | 100 | 100 | 240 | 160 | 900 |

| Elective-II | |
|-------------|--|
| BTIT612 | Simulation and Modeling |
| BTCS613 | SoftwareTesting and Quality Assurance |
| BTCS618 | Block Chain |
| BTCS617 | Robotics |

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