# Shri Vaishnav Vidyapeeth Vishwavidyalaya
## Shri Vaishnav Institute of Information Technology
## Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
### B.Tech. (CSE - Big Data and Cloud Engineering – Impetus Technologies)
## SEMESTER - V ( 2023-2027)

| 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 | BTCS501N | Theory of Computation | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 2 | BTCS502N | Introduction to Artificial Intelligence | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTCS503M | Network Security and Cryptography | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | | Discipline Specific Course- III | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | BTIT507M | Programming with Python | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 |
| 6 | BTIT508M | No Sql and MongoDB | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 7 | GE | Generic Elective II | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| | | | 15 | 1 | 12 | 22 | 300 | 100 | 100 | 180 | 120 | 800 |

**Discipline Specific Course- III**

| 1 | BTCSIT505N | Big Data Analytics |
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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.

** Teaching scheme and code is available in the basket provided by the University.

| Chairperson | Chairperson | Controller of Examinations | Registrar | Vice Chancellor |
|---|---|---|---|---|
| Board of Studies | Faculty of Studies | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth |
| Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore |
| Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | | | |