# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Information Technology

### Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

### B.Tech. CSE with Specialization in AI Powered Mobile Application - Apple Authorized Training Center

## SEMESTER - V ( 2025-2029)

| S. 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 Intellegence | 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 | BTDSE | Discipline Specific Elective 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 | BTMA511 | Mobile Database & Networking | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 7 | GEMOOC II | Generic MOOC II | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 50 | 50 |
| 8 | BTIT508M | No Sql and MongoDB | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| | **Total** | | **12** | **1** | **14** | **22** | **240** | **80** | **80** | **210** | **190** | **800** |

**Discipline Specific Elective III**

| | |
|---|---|
| BTDSE511M | Image Processing |
| BTDSE512N | Software Testing and Quality Assurance |
| BTDSE513N | Next Generation Telecommunication Networks |

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.

| | | | | | |
|---|---|---|---|---|---|
| Chair Person | Chair Person | Controller of Examinations | Registrar | Dean Academic | Vice Chancellor |
| Board of Studies | Faculty of Studies | | | | |
| Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore |