



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-Cloud and Mobile Computing/Artificial Intelligence/
 FullStack Development & Blockchain-IBM)**

SEMESTER - VI (2021-2025)

| Sr. No. | Course Code | Course Name | TEACHING | | | | CREDITS | EXAMINATION SCHEME | | | | | TOTAL MARKS |
|---|-------------|---|-----------|----------|-----------|-------------------------------|------------|---------------------|----------------------------|-------------------------------|----------------------------|------------|-------------|
| | | | L | T | P | THEORY | | | PRACTICAL | | | | |
| | | | | | | End Sem University Exam (60%) | | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | | |
| 1 | BTCS601N | Compiler Design | 2 | 1 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 2 | BTIBM602N | Artificial Intelligence | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 3 | BTIT610N | Introduction to Computer Networking | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 4 | | Discipline Specific Elective- IV | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 5 | | Generic Elective- III** | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | BTIT608N | IT Workshop - SciLab/MATLAB | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 | |
| 7 | BTCS607N | Minor Project | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 | |
| 8 | GEMOOC III | Generic MOOC III | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | 11 | 1 | 14 | 24 | 240 | 80 | 80 | 210 | 140 | 750 | |
| Discipline Specific Elective- IV | | | | | | | | | | | | | |
| | BTIBM611N | Private Cloud Deployment | | | | | | | | | | | |
| | BTIBM612N | Microservices Architecture & Implementation | | | | | | | | | | | |

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
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