

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
Bachelor of Technology (Computer Science and Business Systems-TCS)

SEMESTER - V (2025-2029)

| S. No. | Course Code | Course Name | Teaching | | | Credits | Examination Scheme | | | | | Total Marks |
|--------|-------------|------------------------------------|-----------|----------|-----------|-----------|--------------------|------------|------------|------------|------------|-------------|
| | | | L | T | P | | Theory | | | Practical | | |
| | | | | | | | End Sem | Two Term | Teachers | End Sem | Teachers | |
| 1 | BTCSBS501 | Computer Networks | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | BTCSBS502 | Machine Learning | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTCSBS503 | Finance and Cost Accounting | 2 | 0 | 0 | 2 | 60 | 20 | 20 | - | - | 100 |
| 4 | BTCSBS504 | Cloud, Microservices & Application | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | BTCSBS505 | Open Elective I** | 3 | 0 | 0 | 3 | 60 | 20 | 20 | - | - | 100 |
| 6 | BTCSBS506 | Modern Web Applications | 0 | 0 | 2 | 1 | - | - | - | 30 | 20 | 50 |
| 7 | BTCSBS507 | Elective I | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 8 | BTCSBS508 | Multidisciplinary Minor | 0 | 0 | 4 | 2 | - | - | - | - | 50 | 50 |
| | | | 15 | 0 | 14 | 22 | 360 | 120 | 120 | 150 | 150 | 900 |

| Elective I | |
|-------------------|--|
| BTCSBS5071 | Software testing and Quality assurance |
| BTCSBS5072 | Cryptology |
| BTCSBS5073 | Artificial Intelligence + Lab |
| BTCSBS5074 | Introduction to IoT |
| BTCSBS5075 | Image Processing and Pattern Recognition |

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

Board of Studies

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Chair Person

Faculty of Studies

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Controller of Examinations

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Registrar

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Dean Academic

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor

Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore