

**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 Information & Cyber Security**

**SEMESTER - II ( 2026-2030)**

| S. No. | Course Code | Course Name                          | Teaching |   |   | Credits | Examination Scheme            |                     |                            |                               |                            | Total Marks |
|--------|-------------|--------------------------------------|----------|---|---|---------|-------------------------------|---------------------|----------------------------|-------------------------------|----------------------------|-------------|
|        |             |                                      |          |   |   |         | Theory                        |                     |                            | Practical                     |                            |             |
|        |             |                                      |          |   |   |         | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) |             |
| 1      | HUCS101     | Communication Skills                 | 1        | 0 | 2 | 2       | 60                            | 20                  | 20                         | 0                             | 50                         | 150         |
| 2      | BTPH101     | Applied Physics                      | 3        | 1 | 2 | 5       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3      | BTCSH107    | Linear Algebra                       | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 4      | BTCS202M    | Object Oriented Programming with C++ | 3        | 0 | 2 | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 5      | BTIT201M    | Data Communication                   | 3        | 0 | 0 | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 6      | BTICS210    | Secure Programming for Linux         | 0        | 0 | 2 | 1       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
|        | Total       |                                      | 13       | 2 | 8 | 19      | 300                           | 100                 | 100                        | 90                            | 110                        | 700         |

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.

**Note:** S. No. 1, 3, 6, and 7 will be offered in I Semester, S. No 5, 8, 11, 12, and 13 will be offered in II Semester. S. No. 2, 4, 9, and 10 will be available for pooling.

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