



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**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 - I ( 2023-2027)**

| 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       | BTCSH101N   | Discrete Mathematics for Computer Science    | 2         | 0        | 1        | 3         | 60                            | 20                  | 20                         | 0                             | 50                         | 150         |
| 2       | BTCSH102    | Statistics, Probability and Calculus         | 3         | 0        | 0        | 3         | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 3       | BTCSCS103   | Fundamentals of Computer Science             | 2         | 1        | 2        | 4         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 4       | BTCSH104N   | Principles of Electrical Engineering         | 3         | 0        | 2        | 4         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 5       | BTCSH105N   | Physics for Computing Science                | 3         | 0        | 2        | 4         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 6       | BTCSH106    | Business Communication and Value Science - I | 2         | 1        | 2        | 4         | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 7       |             | Induction Program (NonCredit)                |           |          |          |           |                               |                     |                            |                               |                            |             |
|         |             |  | <b>15</b> | <b>2</b> | <b>9</b> | <b>22</b> | <b>360</b>                    | <b>120</b>          | <b>120</b>                 | <b>120</b>                    | <b>130</b>                 | <b>850</b>  |

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.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

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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