



**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)**

**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       | BTMA101N    | Mathematics-I  | 3         | 1        | 0         | 4                             | 60         | 20                  | 20                         | 0                             | 0                          | 100        |             |
| 2       | BTEC104     | Digital Logic & Circuit Design                       | 3         | 1        | 2         | 5                             | 60         | 20                  | 20                         | 30                            | 20                         | 150        |             |
| 3       | BTCS101M    | Introduction to Computer Science and Engineering     | 3         | 0        | 0         | 3                             | 60         | 20                  | 20                         | 0                             | 0                          | 100        |             |
| 4       | BTCS102M    | Introduction to Design Thinking                      | 2         | 0        | 2         | 3                             | 60         | 20                  | 20                         | 30                            | 20                         | 150        |             |
| 5       | BTCS103M    | Computer System Organization                         | 3         | 0        | 2         | 4                             | 60         | 20                  | 20                         | 30                            | 20                         | 150        |             |
| 6       | BTCS107M    | Program development using C                          | 0         | 0        | 2         | 1                             | 0          | 0                   | 0                          | 30                            | 20                         | 50         |             |
| 7       | BTCS101M(P) | Introduction to Computer Science and Engineering Lab | 0         | 0        | 2         | 1                             | 0          | 0                   | 0                          | 0                             | 50                         | 50         |             |
|         |             |  | <b>14</b> | <b>2</b> | <b>10</b> | <b>21</b>                     | <b>300</b> | <b>100</b>          | <b>100</b>                 | <b>120</b>                    | <b>130</b>                 | <b>750</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

Joint Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore