



**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),B.Tech(IT),B.Tech+MBA(CSE) and B.Tech+M.Tech(CSE)**

**SEMESTER - III ( 2024-2028)**

| 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       | BTCS301N                      | Discrete Structures                           | 3        | 0 | 0  | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 2       | BTCS306M                      | Fundamentals of Data Structures               | 3        | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3       | BTCS307M                      | Principles of Operating Systems               | 3        | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 4       | BTCS402N                      | Software Engineering and Project Management   | 3        | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 5       |                               | Discipline Specific Course- I                 | 2        | 0 | 2  | 3       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 6       | BTIT301N                      | Computer Networks                             | 3        | 0 | 2  | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 7       | BTIT307N                      | Introduction to core JAVA                     | 0        | 0 | 2  | 1       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
|         |                               |                                               | 17       | 0 | 12 | 23      | 360                           | 120                 | 120                        | 180                           | 120                        | 900         |
|         | Discipline Specific Course- I |                                               |          |   |    |         |                               |                     |                            |                               |                            |             |
|         | BTDSE321M                     | Fundamentals of Information Theory and Coding |          |   |    |         |                               |                     |                            |                               |                            |             |
|         | BTCS322M                      | Principle of Programming Language             |          |   |    |         |                               |                     |                            |                               |                            |             |
|         | BTDSE323M                     | Modern Computing Hardware                     |          |   |    |         |                               |                     |                            |                               |                            |             |

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

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Faculty of Studies  
Shri Vaishnav Vidyapeeth  
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Controller of Examinations  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Joint Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore