



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

Shri Vaishnav Institute of Information Technology

Choice Based Credit System (CBCS)

Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

B.Tech IT

## SEMESTER - II ( 2025-2029)

| 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       | BTCSH107    | Linear Algebra                       | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 2       | BTPH101     | Applied Physics                      | 3        | 1 | 2 | 5       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3       | BTCS202M    | Object Oriented Programming with C++ | 3        | 0 | 2 | 4       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 4       | BTIT201M    | Data Communication                   | 3        | 0 | 0 | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 5       | BTCS102M    | Introduction to Design Thinking      | 2        | 0 | 2 | 3       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 6       | BTIT208M    | Unix Programming                     | 0        | 0 | 2 | 1       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
|         |             |                                      | 14       | 2 | 8 | 20      | 300                           | 100                 | 100                        | 120                           | 80                         | 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.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Chairperson  
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