



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+MBA(CSE) and B.Tech+M.Tech(CSE)

SEMESTER - III (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 | 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 | | Generic Elective- I ** | - | - | - | 3 | - | - | - | - | - | 100 |
| 7 | BTIT307N | Introduction to core JAVA | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| | | | 14 | 0 | 10 | 22 | 300 | 100 | 100 | 150 | 100 | 850 |
| Discipline Specific Course- I | | | | | | | | | | | | |
| | BTDSE321M | Fundamentals of Information Theory and Coding | | | | | | | | | | |
| | BTDSE322M | 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

Chairperson
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