

## 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 (Machine Learning & Cloud Computing in association with Google Cloud)

|                               |             |   |          |   |    | - \ -   |  | <u> </u>               |                                  |                                     |                                  |                |
|-------------------------------|-------------|---|----------|---|----|---------|--|------------------------|----------------------------------|-------------------------------------|----------------------------------|----------------|
| Sr. No.                       | Course Code | Course Name                                 | TEACHING |   |    |         | EXAMINATION SCHEME                     |                        |                                  |                                     |                                  |                |
|                               |             |   |          |   |    | ş       | THEORY                                 |                        |                                  | PRACTICAL                           |                                  |                |
|                               |             |   | L        | Т | Р  | CREDITS | End Sem<br>University<br>Exam<br>(60%) | Two Term<br>Exam (20%) | Teachers<br>Assessment*<br>(20%) | End Sem<br>University<br>Exam (60%) | Teachers<br>Assessment*<br>(40%) | TOTAL<br>MARKS |
| 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 |             |   |          | • |    |         |  | •                      | 1                                | 1                                   | 1                                |                |

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

 Discipline Specific Course- I

 BTMLCC311M
 Fundamentals of Cloud Computing Using Google Cloud

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 Registrar Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore Vice Chancellor Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore