



SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Shri Vaishnav Institute of Information Technology

Choice Based Credit System (CBCS) Scheme in

B.Tech. (CSE-Generative AI-IBM)

**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       | BTC SH107   | 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       | BTIBM205N   | Software Foundation & Programming 2 (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       | BTIBM207N   | Introduction to Python & Role in ML            | 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

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

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

