



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B.C.A. Batch (2026-29)**  
**SEMESTER - V**

| S. No. | CATEGORY            | COURSE CODE    | COURSE NAME                               | TEACHING SCHEME / WEEK |   |    | 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      | Major-6             | BCABDA302M     | Python Programming                        | 4                      | 0 | 0  | 4       | 60                                                                                                                         | 20                  | 20                         | 0                             | 0                          | 100         |
| 2      | DSE-3               |                |                                           | 0                      | 0 | 0  | 3       | It is advisable to earn the credits of this course from MOOCs.                                                             |                     |                            |                               |                            | 100         |
|        |                     |                |                                           |                        |   |    |         |                                                                                                                            |                     |                            |                               |                            |             |
| 3      | Minor-5             | BCAAIML502     | Data Mining and Warehousing               | 4                      | 0 | 0  | 4       | 60                                                                                                                         | 20                  | 20                         | 0                             | 0                          | 100         |
| 4      | Practical (Major-6) | BCABDA302M (P) | Python Programming Lab                    | 0                      | 0 | 4  | 2       | 0                                                                                                                          | 0                   | 0                          | 30                            | 20                         | 50          |
| 5      | DSE-4               | BCCA501M       | Java Programming & Technology (Core Java) | 2                      | 0 | 2  | 3       | 60                                                                                                                         | 20                  | 20                         | 30                            | 20                         | 150         |
|        |                     | BCCA503M       | Web Designing                             |                        |   |    |         |                                                                                                                            |                     |                            |                               |                            |             |
| 7      | AEC-5               | BCCA502        | Operations Research                       | 3                      | 0 | 0  | 3       | 60                                                                                                                         | 20                  | 20                         | 0                             | 0                          | 100         |
| 8      | MD/GEC-3            | GEXXX          |                                           | 3                      | 0 | 0  | 3       | Codes and Examination Scheme is available in the Basket of Generic Elective for Odd Semester Approved by the University.   |                     |                            |                               |                            | 100         |
| 9      | VOC/SEC-3           | SEXXX          |                                           | 0                      | 0 | 6  | 3       | Codes and Examination Scheme is available in the Basket of SEC for Odd Semester Approved by the University.                |                     |                            |                               |                            | 50          |
| 10     | VAC-3/ MOOCS-3      | VAXXX          | Value Added Course                        | 2                      | 0 | 0  | 2       | Codes and Examination Scheme is available in the Basket of Value Added Course for Odd Semester Approved by the University. |                     |                            |                               |                            | 50          |
| 11     | Internship          | BCABDA505M     | Summer Internship                         | 0                      | 0 | 4  | 2       | 0                                                                                                                          | 0                   | 0                          | 60                            | 40                         | 100         |
| TOTAL  |                     |                |                                           | 18                     | 0 | 16 | 29      | 240                                                                                                                        | 80                  | 80                         | 120                           | 80                         | 900         |

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

\*Teacher Assessment shall be based 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  
Vishwavidyalaya, Indore

Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Dean Academic  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**