



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**Name of Program : B.Sc. (Data Science)**  
**SEMESTER - I (Scheme 2025-2026)**

| 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    | BCABDA101        | Software Foundation with C            | 2                    | 0 | 2 | 3       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 2      |          | BCABDA103N       | Software Engineering Fundamentals     | 2                    | 0 | 2 | 3       | 60                            | 20                  | 20                         | 30                            | 20                         | 150         |
| 3      | Minor    | BSCDSMA101       | Calculus                              | 3                    | 0 | 0 | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 4      |          | BSCDSMA102       | Statistical Methods for Data Analysis | 3                    | 0 | 0 | 3       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 5      | AEC      | ENG101           | Foundation English                    | 4                    | 0 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 6      | GEC      | GENERIC ELECTIVE |                                       | 0                    | 0 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| TOTAL  |          |                  |                                       | 14                   | 0 | 4 | 20      | 360                           | 120                 | 120                        | 60                            | 40                         | 700         |

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

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