# 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 - IV (Scheme 2025-2026)

| S. No. | CATEGORY | COURSE CODE | COURSE NAME | TEACHING SCHEME/WEEK | | | CREDITS | EXAMINATION SCHEME | | | | | TOTAL MARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | THEORY | | | PRACTICAL | | |
| | | | | L | T | P | | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | |
| 1 | Major | BSCDS402 | Big Data Technologies (Hadoop) | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | | BCABDA404 | Basics of Computer Networks | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 3 | Minor | BSCDSMA401 | Time Series Analysis | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 4 | Minor | BSMAT 402 | Numerical Methods | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 5 | SEC | VC | Vocational Course | 0 | 2 | 4 | 4 | 0 | 0 | 0 | 30 | 20 | 50 |
| 6 | GEC | | GENERIC ELECTIVE | 0 | 0 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 7 | | MOOC1 | MOOC | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | TOTAL | | 11 | 2 | 6 | 22 | 300 | 100 | 100 | 60 | 90 | 650 |

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, Indroe

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indroe

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indroe