



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Computer Applications
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
BCA with Big Data Analytics - IBM
SEMESTER - II (Scheme 2024-2025)

| 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 | BSCDS202 | Java Programming | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | | BCABDA203 | Agile Development Methodologies (DevOps + Agile) | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | Minor | BCCA202N | Mathematical Foundation of Computer Science II | 3 | 1 | 0 | 4 | 60 | 20 | 20 | -- | -- | 100 |
| 4 | | BSCDS201 | Data Structures | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | AEC | ML307 | Environmental Management and Sustainability | 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 | | | | 13 | 1 | 6 | 21 | 360 | 120 | 120 | 90 | 60 | 750 |

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