



Shri Vaishnav Vidyaapeeth 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 2025-2026)

| S.No. | CATEGORY | COURSE CODE | COURSE NAME | TEACHING SCHEME/WEEK | | | 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 | BCABDDA201N | Python Programming | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 150 |
| 2 | | BCABDDA203N | Agile Development and Scrum | 2 | 0 | 2 | 3 | 60 | 20 | 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 | 100 |
| 5 | AEC | ML307 | Environmental Management and Sustainability | 4 | 0 | 0 | 4 | 60 | 20 | 20 | 100 |
| 6 | GEC | GENERIC ELECTIVE | | 0 | 0 | 0 | 4 | 60 | 20 | 20 | 100 |
| | | TOTAL | | 13 | 1 | 6 | 21 | 360 | 120 | 120 | 900 |
| | | | | 13 | 1 | 6 | 21 | 360 | 120 | 120 | 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.

[Signature]
Chairperson
 Board of Studies
 Shri Vaishnav Vidyaapeeth
 Vishwavidyalaya, Indore

[Signature]
Chairperson
 Faculty of Studies
 Shri Vaishnav Vidyaapeeth
 Vishwavidyalaya, Indore

[Signature]
Controller of Examinations
 Shri Vaishnav Vidyaapeeth
 Vishwavidyalaya, Indore

[Signature]
Registrar
 Shri Vaishnav Vidyaapeeth
 Vishwavidyalaya, Indore

[Signature]
Vice Chancellor
 Shri Vaishnav Vidyaapeeth
 Vishwavidyalaya, Indore