



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Computer Applications -MCA
Choice Based Credit System (CBCS)

SEMESTER - II 2020-21

| S. No. | 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 | MCA201 | Object Oriented Programming using Java | 3 | 1 | 4 | 6 | 60 | 20 | 20 | 30 | 20 | 150 |
| 2 | MCA202 | Computer Networks | 3 | 1 | 0 | 4 | 60 | 20 | 20 | -- | -- | 100 |
| 3 | MCA203 | Database Management Systems | 3 | 1 | 4 | 6 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | MCA204 | Operating Systems | 3 | 1 | 0 | 4 | 60 | 20 | 20 | -- | -- | 100 |
| 5 | MCA205 | Atrificial Intelligence and Machine Learning | 3 | 1 | 0 | 4 | 60 | 20 | 20 | -- | -- | 100 |
| 5 | MCA206 | Data Structures | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| | | | 18 | 5 | 10 | 28 | 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.

Note: Students are advised to take online MOOC'S courses of two credits.