



Shri Vaishnav Vidyapeeth Vishwavidyalaya

B.Tech. (CSE-Big Data Analytics/Cloud and Mobile Computing/Artificial Intelligence/DS/FSDB-IBM)

Choice Based Credit System (CBCS) - 2020-21

SEMESTER - II

| 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 | BTMACS201 | Mathematics-II | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 2 | BTCS204 | Computer Peripherals and Interfaces | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTIBM203 | Design Thinking | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | BTCS404 | Computer System Organization | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 5 | BTIBM202 | Agile Development Methodologies (DevOps + Agile) | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 6 | BTCS208 | Programming Skills with 'C++' | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 7 | HUCS101 | Communication Skills | 1 | 0 | 2 | 2 | 60 | 20 | 20 | 0 | 20 | 120 |
| | | | 15 | 4 | 10 | 24 | 360 | 120 | 120 | 120 | 100 | 820 |

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.

#Students are advised to take online MOOC Courses of minimum 02-Credits.