



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) Scheme
B.Tech. (CSE-Big Data Analytics-IBM)

SEMESTER - VI (2020-2021)

| Sr. No. | Course Code | Course Name | TEACHING | | | | 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 | BTCS501 | Theory of Computation | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 | |
| 2 | BTTT713 | Distributed Systems | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 3 | | Elective-II | 2 | 1 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 4 | BTIBM405 | Microservices and System Designing | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 5 | BTIBM601 | Artificial Intelligence and Applications | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 | |
| 6 | BTTT608 | IT Workshop - SciLab/MATLAB | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 | |
| 7 | BTCS606 | Minor Project | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 60 | 40 | 100 | |
| | | | 14 | 2 | 16 | 24 | 300 | 100 | 100 | 240 | 160 | 900 | |

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

| Elective-II | |
|-------------|--|
| BTCS613 | Software Testing and Quality Assurance |
| BTCS612 | Simulation and Modeling |
| BTCS617 | Robotics |

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