

Shri Vaishnav Vidyapeeth Vishwavidyalaya
Bachelor of Technology (Computer and Communication Engineering)2016-2017
Choice Based Credit System (CBCS)

SEMESTER - V

| S. No. | COURSE CODE | COURSE NAME | Examination Scheme | | | | | Teaching Scheme/Week | | | CREDITS | TOTAL MARKS |
|------------|-------------|----------------------------------|-------------------------------|---------------------|----------------------------|-------------------------------|----------------------------|----------------------|---|----|---------|-------------|
| | | | THEORY | | | PRACTICAL | | Th | T | P | | |
| | | | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | | | | | |
| 1 | BTIT401 | Discrete Structure | 60 | 20 | 20 | 0 | 0 | 3 | 1 | 0 | 4 | 100 |
| 2 | BTCS502 | Operating System | 60 | 20 | 20 | 30 | 20 | 3 | 1 | 2 | 5 | 150 |
| 3 | BTIT305 | Analysis & Design of Algorithms | 60 | 20 | 20 | 30 | 20 | 3 | 1 | 2 | 5 | 150 |
| 4 | BTCS503 | Computer Graphics and Multimedia | 60 | 20 | 20 | 30 | 20 | 3 | 0 | 2 | 4 | 150 |
| 5 | | Elective-I | 60 | 20 | 20 | 30 | 20 | 3 | 1 | 2 | 5 | 150 |
| 6 | BTIT406 | Unix and Shell Programming Lab | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 2 | 1 | 50 |
| 7 | BTCS607 | Scripting Languages | 0 | 0 | 0 | 30 | 20 | 0 | 0 | 4 | 2 | 50 |
| | | | 300 | 100 | 100 | 150 | 150 | 15 | 4 | 14 | 26 | 800 |
| Elective-I | | | | | | | | | | | | |
| | BTIT511 | Wireless Communication Networks | | | | | | | | | | |
| | BTCS511 | Artificial Intelligence | | | | | | | | | | |
| | BTIT512 | Information Theory and Coding | | | | | | | | | | |
| | BTCS702 | Big Data and Hadoop | | | | | | | | | | |

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