

<u>Shri Vaishnav Vidyapeeth Vishwavidyalaya</u> <u>BTech.,Dual Degree-B. Tech. + M. Tech.,B.Tech+MBA (Information Technology)</u> **Choice Based Credit System (CBCS)-2018-19**

SEMESTER - VII

| S. No. | COURSE CODE | COURSE NAME | TEACHING SCHEME/WEEK | | | SL | EXAMINATION SCHEME | | | | | TOTAL MARKS |
|--------|----------------|---|-------------------------|---|----|---------|-----------------------|------------------------|-------------------------|-----------------------|-------------------------|-------------|
| | | | L | Т | P | CREDITS | THEORY | | | PRACTICAL | | AL M |
| | | | | | | | End Sem University | Two Term Exam (20%) | Teachers Assessment* | End Sem University | Teachers Assessment* | TOT |
| 1 | BBAI501 | HUMAN VALUES AND PROFESSIONAL ETHICS | 4 | 0 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 2 | BTCS601 | COMPILER DESIGN | 3 | 1 | 2 | 5 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTCS702 | BIG DATA AND HADOOP | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | BTIT604 | OBJECT ORIENTED ANALYSIS AND DESIGN | 2 | 0 | 2 | 3 | 60 | 20 | 20 | 30 | 20 | 150 |
| 5 | | ELECTIVE-III | 2 | 1 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 6 | BTCS705 | INDUSTRIAL TRAINING | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 50 | 50 |
| 7 | BTCS706 | PROJECT | 0 | 0 | 8 | 4 | 0 | 0 | 0 | 120 | 80 | 200 |
| TOTAL | | | 14 | 2 | 16 | 24 | 300 | 100 | 100 | 210 | 190 | 900 |

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

| Elective-III | | | | | | |
|--------------|---|--|--|--|--|--|
| BTCS711 | Soft Computing | | | | | |
| BTCS715 | Quantam Computing | | | | | |
| BTCS716 | Virtual Reality | | | | | |
| BTCC703 | Next Generation Telecommunication Networks | | | | | |

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