**Teaching & Examination Scheme B.Tech. : Computer Science & Engineering  
4th Year – VIII Semester**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **THEORY** | | | | | | | | | | | |
| **SN** | **Categ ory** | **Course** | | **Contact hrs/week** | | | **Marks** | | | | **Cr** |
| **Code** | **Title** |
| **L** | **T** | **P** | **Exm Hrs** | **IA** | **ETE** | **Total** |  |
| 1 | PCC/ PEC | 8CS4-01 | Big Data Analytics | 3 | 0 | 0 | 3 | 30 | 120 | **150** | **3** |
| 2 | OE |  | Open Elective - II | 3 | 0 | 0 | 3 | 30 | 120 | **150** | **3** |
|  |  | **Sub Total** | | **6** | **0** | **0** | **6** | **60** | **240** | **300** | **6** |
|  | | | | | | | | | | | |
| **PRACTICAL & SESSIONAL** | | | | | | | | | | | |
| 3 | PCC | 8CS4-21 | Big Data Analytics Lab | 0 | 0 | 2 | 2 | 30 | 20 | **50** | **1** |
| 4 | PCC | 8CS4-22 | Software Testing and Validation Lab | 0 | 0 | 2 | 2 | 30 | 20 | **50** | **1** |
| 5 | PSIT | 8CS7-0 | Project | 3 | 0 | 0 |  |  |  | **450** | **7** |
| 6 | SODE CA | 8CS8-00 | Social Outreach, Discipline &Extra Curricular Activities |  |  |  |  |  |  | **25** | **0.5** |
|  |  | **Sub- Total** | | **0** | **0** | **4** | **4** | **120** | **80** | **475** | **9.5** |
|  |  | **TOTAL OF VIII SEMESTER** | | **6** | **0** | **4** | **10** | **180** | **320** | **775** | **15.5** |