

SYBBA-CA SEMESTER- III

| Course No. | Course / Title of Paper | Course | No. of Credits | | Internal Assessment | University Assessment | | Total Marks |
|--------------|--|--------|----------------|----|---------------------|-----------------------|----------------|-------------|
| | | | | | | Univ. Exam | Practical Exam | |
| Subject Code | Subject Name | Course | Credits | | | | | |
| | | | Th | Pr | | | | |
| CA-301 | Digital Marketing | CC | 3 | | 30 | 70 | | 100 |
| CA-302 | Data Structure | CC | 3 | | 30 | 70 | | 100 |
| CA-303 | Software Engineering | cc | 3 | | 30 | 70 | | 100 |
| CA-304 | Angular JS | EC | 3 | | 30 | 70 | | 100 |
| OR | | | | | | | | |
| CA-304 | PHP | EC | 3 | | 30 | 70 | | 100 |
| CA-305 | Big data | EC | 3 | | 30 | 70 | | 100 |
| OR | | | | | | | | |
| CA-305 | Block chain | EC | 3 | | 30 | 70 | | 100 |
| CA-306 | Computer Laboratory Based on 302 ,304 and 305 (2 credits each) | PR | | 6 | | | 6 | 100 |
| 307 AECC | Environment Awareness | AECC | 2 | | | | | |

SYBBA-CA SEMESTER- IV

| Course No. | Course / Title of Paper | Course | No. of Credits | | Internal Assessment | University Assessment | | Total Marks |
|--------------|---|--------|----------------|----|---------------------|-----------------------|----------------|-------------|
| | | | | | | Univ. Exam | Practical Exam | |
| Subject Code | Subject Name | Course | Credits | | | | | |
| | | | Th | Pr | | | | |
| CA-401 | Networking | CC | 3 | | 30 | 70 | | 100 |
| CA-402 | Object Oriented Concepts Through CPP | CC | 3 | | 30 | 70 | | 100 |
| CA-403 | Operating System | cc | 3 | | 30 | 70 | | 100 |
| CA-404 | NODE JS | EC | 3 | | 30 | 70 | | 100 |
| OR | | | | | | | | |
| CA-404 | Advance PHP | EC | 3 | | 30 | 70 | | 100 |
| CA-405 | Project | | | 4 | | | 100 | 100 |
| CA-406 | Computer Laboratory Based on 402,404 (2 credits each) | PR | | 4 | | | 100 | 100 |
| 4 | ADD-On (30 Hours) | SEC | 2 | | | | | |