

GUJARAT TECHNOLOGICAL UNIVERSITY
Integrated MCA
Subjects and Teaching Scheme (W.E.F. June, 2017)

SEMESTER IX

| Subject Code | Subject Name | Teaching Scheme | | | Credits | Theory | | Practical / VIVA | | Total Marks | |
|-------------------------|------------------------------------|-----------------|----------|-----------|---------|-----------------------|--------------------|--------------------------------|---------------------------------|-------------|------------------|
| | | Theory | Tutorial | Practical | | University Exam (ESE) | Mid-Term Exam (PA) | Mid-Term Practical / Viva (PA) | External Practical / Viva (ESE) | Theory | Practical / VIVA |
| 4490601 | Data Analytics and Algorithm (DAA) | 4 | | 3 | 7 | 70 | 30 | 20 | 30 | 100 | 50 |
| 4490602 | Java Web Technologies (JWT) | 4 | | 3 | 7 | 70 | 30 | 20 | 30 | 100 | 50 |
| 4490603 | Web Design Methodology(WM) | 3 | | 3 | 6 | 70 | 30 | 20 | 30 | 100 | 50 |
| 4490604 | Software Project – 7 | 0 | | 4 | 4 | - | - | 20 | 80 | - | 100 |
| | Elective-V | 3 | | 3 | 6 | 70 | 30 | 20 | 30 | 100 | 50 |
| | Total | 14 | - | 16 | 30 | 350 | 150 | 80 | 120 | 400 | 300 |

Elective – V

| | |
|-------------------------|--------------------------------|
| 4490605 | Big Data Analytics (BDA) |
| 4490606 | Cloud Computing (CC) |
| 4490607 | Data Visualization (DV) |
| 4490608 | Search Engine Techniques (SET) |
| 4490609 | Advanced Networking (AN) |