

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)