

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**Regular MCA**

**Subjects and Teaching Scheme (w.e.f. 2018-19)**

**SEMESTER IV**

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
<a href="#">4649301</a>	Computer Networking (CN)	3	-	3	6	70	30	20	30	100	50
<a href="#">4649302</a>	Statistical Methods (SM)	4	-	3	7	70	30	20	30	100	50
<a href="#">4649303</a>	Mobile Computing (MC)	3	-	4	7	70	30	20	30	100	50
<a href="#">4649304</a>	Software Project -2 (Data Science)	0	-	4	4	0	0	20	80	0	100
	Elective-I	3	-	3	6	70	30	20	30	100	50
	Total	13	-	17	30	280	120	100	200	400	300

**Elective-I**

<a href="#">4649305</a>	Java Web Technology (JWT)
<a href="#">4649306</a>	Big Data Tools (BDT)
<a href="#">4649307</a>	Data Mining and Data Visualization (DMDV)
<a href="#">4649308</a>	Software Quality Assurance (SQA)
<a href="#">4649309</a>	Cyber Security & Forensic (CSF)