

GUJARAT TECHNOLOGICAL UNIVERSITY
Master of Computer Application
Subjects and Teaching Scheme (W.E.F. Acad. Yr. 2013-14)

Semester III										
Subject code	Subject name	Teaching Scheme (Hours)			Credits	University Exam		Mid Sem Test (M)	CEC (I)	Total Marks
		Theory	Tutorial	Practical		Theory	Practical / Viva			
2630001	Structured & Object Oriented Analysis & Design Methodology (SOOADM)	4	1	0	5	70	-	30	50	150
2630002	Fundamentals of Java Programming (Java)	4	0	0	4	70	-	30	50	150
2630003	Statistical Methods (SM)	4	1	0	5	70	-	30	50	150
2630004	Operating Systems (OS)	4	0	0	4	70	-	30	50	150
2630005	System Software (SS)	4	0	0	4	70	-	30	50	150
2630006	Programming Skills IV (Java)	0	0	4	4	-	80	-	20	100
2630007	Programming Skills V (OS)	0	0	4	4	-	80	-	20	100
Total		20	2	8	30	350	160	150	290	950
Semester IV										
Subject code	Subject name	Teaching Scheme (Hours)			Credits	University Exam		Mid Sem Test (M)	CEC (I)	Total Marks
		Theory	Tutorial	Practical		Theory	Practical / Viva			
2640001	Fundamentals of Networking (FON)	4	0	0	4	70	-	30	50	150
2640002	Web Technology & Application Development (WTAD)	4	0	0	4	70	-	30	50	150
2640003	Operations Research (OR)	4	1	0	5	70	-	30	50	150
2640004	Management Information Systems (MIS)	4	0	0	4	70	-	30	50	150
	Elective-I	4	1	0	5	70	-	30	50	150
2640011	Programming Skills VI (FON)	0	0	4	4	-	80	-	20	100
2640012	Programming Skills VII (WTAD)	0	0	4	4	-	80	-	20	100
Total		20	2	8	30	350	160	150	290	950
Elective-I										
2640005	Data Warehousing & Data Mining (DWDM) (Elective-I)	4	1	0	5	70	-	30	50	150
2640006	Distributed Computing (DC1)(Elective-I)	4	1	0	5	70	-	30	50	150
2640007	Data Compression (DC2)-(Elective-I)	4	1	0	5	70	-	30	50	150
2640008	Computer Graphics (CG)-(Elective-I)	4	1	0	5	70	-	30	50	150
2640009	Soft Computing (SC)-(Elective-I)	4	1	0	5	70	-	30	50	150
2640010	Analysis & Design of Algorithm (ADA)-(Elective-I)	4	1	0	5	70	-	30	50	150
2640013	Cloud Computing(Electiv-I)	4	1	0	5	70	-	30	50	150
2640020	Virtualization and Applications of Cloud	4	1	0	5	70	-	30	50	150

* Elective 2640020 is w.e.f. jan 2015