

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**Master of Computer Application**

**SEMESTER IV Subject Code/ Teaching /Examination Scheme (w.e.f January 2012)**

SUBJECT CODE	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS	UNIVERSITY		MID SEM. TEST (M)	CONTINUOUS EVALUATION COMPONENT (I)	TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL			
640001	Fundamentals of Networking (FON)	4	0	0	4	70	-	30	50	150
640002	Web Technology & Application Development (WT & AD)	4	0	0	4	70	-	30	50	150
640003	Operations Research (OR)	4	1	0	5	70	-	30	50	150
640004	Management Information System (MIS)	4	0	0	4	70	-	30	50	150
	Elective-I*	4	1	0	5	70	-	30	50	150
640011	Systems Programming Skills-I (FON)	0	0	4	4	-	80	-	20	100
640012	Programming Skills-IV (WT & AD)	0	0	4	4	-	80	-	20	100
1990001	Contributors Personality Programme (CPP)	4	0	0	4	70	0	30	50	150
	<b>TOTAL</b>	<b>24</b>	<b>2</b>	<b>8</b>	<b>34</b>	<b>420</b>	<b>160</b>	<b>180</b>	<b>340</b>	<b>1100</b>

**List of Elective-I\***

SUBJECT CODE	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS	UNIVERSITY		MID SEM. TEST (M)	CONTINUOUS EVALUATION COMPONENT (I)	TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL			
640005	Data Warehousing & Data Mining (DWDM)	4	1	0	5	70	-	30	50	150
640006	Distributed Computing (DC1)	4	1	0	5	70	-	30	50	150
640007	Data Compression (DC2)	4	1	0	5	70	-	30	50	150
640008	Computer Graphics (CG)	4	1	0	5	70	-	30	50	150
640009	Soft Computing (SC)	4	1	0	5	70	-	30	50	150
640010	Analysis & Design of Algorithm (ADA)	4	1	0	5	70	-	30	50	150