

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Master of Computer Application

### Semester I - II Subject Code/ Teaching / Examination Scheme

#### Semester I

SUBJECT CODE	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS	UNIVERSITY EXAMINATION (E)		MID SEM. TEST (M)	CONTINUOUS EVALUATION COMPONENT (I)	TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL			
610001	Fundamentals of Programming (FOP)	4	-	-	4	70	0	30	50	150
610002	Programming Skills – I (FOP)	-	-	4	4	0	80	0	20	100
610003	Discrete Mathematics for Computer Science	4	1	-	5	70	-	30	50	150
610004	Fundamentals of Computer Organization	4	-	-	4	70	-	30	50	150
610005	Database Management Systems – I	4	-	-	4	70	-	30	50	150
610006	Software Lab (SQL & PL/SQL)	-	-	4	4	0	80	0	20	100
610007	Enterprise Resources & Financial Management	4	-	-	4	70	-	30	50	150
	<b>TOTAL</b>	<b>20</b>	<b>1</b>	<b>8</b>	<b>29</b>	<b>350</b>	<b>160</b>	<b>150</b>	<b>290</b>	<b>950</b>

#### Semester II

SUBJECT CODE	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS	UNIVERSITY EXAMINATION (E)		MID SEM. TEST (M)	CONTINUOUS EVALUATION COMPONENT (I)	TOTAL MARKS
		THEORY	TUTORIAL	PRACTICAL		THEORY	PRACTICAL			
620001	Data Structures (DS)	4	-	-	4	70	-	30	50	150
620002	Programming Skills – II (DS)	-	-	4	4	0	80	0	20	100
620003	Object Oriented Concepts & Programming (OOC)	4	-	-	4	70	-	30	50	150
620004	Programming Skills – III (OOC)	-	-	4	4	0	80	0	20	100
620005	Computer Oriented Numerical Methods	4	1	-	5	70	-	30	50	150
620006	Database Management Systems – II	4	1	-	5	70	-	30	50	150
620008	Communication Skills	4	1	-	5	70	-	30	50	150
	<b>TOTAL</b>	<b>20</b>	<b>3</b>	<b>8</b>	<b>31</b>	<b>350</b>	<b>160</b>	<b>150</b>	<b>290</b>	<b>950</b>