

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Computer Application

Semester - V Subject Code/ Teaching / Examination Scheme

Semester V

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			
650001	Software Engineering (SE)	4	1	0	5	70	0	30	50	150
650002	Network Security (NS)	4	1	0	5	70	0	30	50	150
650003	Mobile Computing (MC)	4	0	0	4	70	0	30	50	150
	Elective-II*	4	1	0	5	70	0	30	50	150
	Elective-III**	4	1	0	5	70	0	30	50	150
650017	Software Lab in Mobile Computing (SL-MC)	0	0	4	4	0	80	0	20	100
650018	Dissertation (DSRT) & Project Defination	0	0	2	2	0	80	50	20	150
	TOTAL	20	4	6	30					

List of Elective-II*

SUBJECT CODE	SUBJECT
650004	Advanced Data Base Management Systems (ADBMS) (Elective-II)
650005	Parallel Programming (PP)
650006	Web Searching Technologies & Search Engine Optimization (WST-SEO)
650007	Wireless Sensor Network(WSN)
650008	Cyber Security and Forensics (CSF) (Elective-II)

List of Elective-III**

SUBJECT CODE	SUBJECT
650010	Advanced Networking (AN)
650011	Image Processing (IP)
650012	Software Development for Embedded Systems (SD-ES)
650013	Geographical Information System (GIS)
650014	Language Processing (LP)
650015	Bioinformatics (Bio-I)