GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Computer Science & Engineering

PROPOSED TEACHING SCHEME

Semester I

SR. NO.	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Service Oriented Architecture	4	0	2	5
2	Quantum Computing & Algorithm Analysis	4	0	2	5
3	Distributed Operating System	3	0	2	4
4	Major Elective I	3	2	0	4
5	Inter Disciplinary Elective 1	3	0	2	4
6	Communication and Research Skills	2	2	0	3
	TOTAL	19	4	8	25

Semester II

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Wirelesss Networking & Mobile Computing	4	0	2	5
2	Distributed Computing & Application	4	0	2	5
3	Major Elective II	3	0	2	4
4	Major Elective III	3	0	2	4
5	Inter Disciplinary Elective 2	3	0	2	4
6	Principles of Management	3	0	0	3
	TOTAL	20	0	10	25

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Interdisciplinary Elective - 1	Interdisciplinary Elective - 2
Computer Graphics	Object Orinted Programming
Internet Technology	Numerical Methods

Sr. No.	Major Elective - 1	Major Elective - 2	Major Elective - 3
1	Information Security	Object Oriented Methodology & Design	Grid Computing
2	Real Time Computing	Digital Image Processing	Embedded System
3	Information Theory & Coding	Advance Compiler Design	Data Mining & Datawarehousing