GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Computer Engineering

PROPOSED TEACHING SCHEME

Semester I

SR. NO.	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Computer Algorithm	4	0	2	5
2	Advanced Computer Graphics	4	0	2	5
3	Information Theory and Coding	3	2	0	4
4	Major Elective I	3	0	2	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	Distributed Operating Systems	4	0	2	5
2	Design of Language Processors	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

M.E. Computer Engineering

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	Wireless Computer Networks	Artificial Intelligence	Cryptography & Network Security
2	Parallel Computing	Digital Image Processing	Soft Computing
3	Advanced Data Sturcture	Software Engineering Methodologies	Data Mining and Data Warehousing