

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Computer Applications (MCA)

PROPOSED TEACHING SCHEME

Semester - IV

SR NO	SUBJECT	TEACHING SCHEME (HOURS)			Credits
		THEORY	TUTORIAL	PRACTICAL	
1	Fundamentals of Networking (FON)	4	0	0	4
2	Web Technology & Application Development (WTAD)	4	0	0	4
3	Operations Research (OR)	4	1	0	5
4	Management Information System (MIS)	4	0	0	4
5	Elective-I	4	1	0	5
6	Programming Skills VI (FON)	0	0	4	4
7	Programming Skills VII (WTAD)	0	0	4	4
	TOTAL	20	2	8	30

List of Elective-I

Sr. No.	Elective-I
1	Data Warehousing & Data Mining (DWDM)
2	Distributed Computing (DC1)
3	Data Compression (DC2)
4	Computer Graphics (CG)
5	Soft Computing (SC)
6	Analysis & Design of Algorithm (ADA)