GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. CONSTRUCTION ENGINEERING & MANAGEMENT

PROPOSED TEACHING SCHEME

Semester I						
SR. NO.	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS	
		THEORY	TUTORIAL	PRACTICAL	CREDITS	
1	Construction Management	3	2	0	4	
2	Construction Techniques	3	2	0	4	
3	Stastistical and Numerical Analysis	3	2	0	4	
4	Inter Disciplinary/Minor Elective 1	3	2	0	4	
5	Major Elective 1	4	2	0	5	
6	Communication & Research Skills	2	2	0	3	
	TOTAL	. 18	12	0	24	

Semester II

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	CREDITS
1	Advanced Civil Engineering Materials	3	2	0	4
2	Resources Management	4	2	0	5
3	Major Elective2	4	2	0	5
4	Major Elective 3	3	2	0	4
5	Inter disciplinary/Minor Elective 2	3	2	0	4
6	Principles of Management	3	0	0	3
	TOTAL	20	10	0	25

M.E. CONSTRUCTION ENGINEERING & MANAGEMENT

Interdisciplinary Elective - 1	Interdisciplinary Elective - 2		
Disaster management	Stratagic mamangement		
Energy management	Research Methodology		

Sr. No.	Major Elective - 1	Major Elective - 2	Major Elective - 3
1	Construction Finance & Accounting	Construction Contract Management	Value Engineering
2		Project risk analysis and mitigation	IT Solutions in construction
		techniques	management