

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Environmental Engineering

PROPOSED TEACHING SCHEME

Semester I

SR. NO.	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Principles of Water Treatment	4	0	2	5
2	Environmental Chemistry	4	0	2	5
3	Environmental Microbiology	3	0	2	4
4	Inter Disciplinary Elective 1	3	0	2	4
5	Major Elective 1	3	0	2	4
6	Communication & Research Skills	2	2	0	3
	TOTAL	19	2	10	25

Semester II

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Principles of waste Water Treatment	4	0	2	5
2	Industrial Water And Wastewater Treatment	4	0	2	5
3	Major Elective 2	3	0	2	4
4	Major Elective 3	3	2	0	4
5	Inter Disciplinary Elective 2	3	0	2	4
6	Principles of Management	3	0	0	3
	TOTAL	20	2	8	25

M.E. Environmental Engineering

Interdisciplinary Elective - 1	Interdisciplinary Elective - 2
Environmental Impact Assessment for Engineering Projects	Environmental and Occupational Health and Safety

Sr. No.	Major Elective - 1	Major Elective - 2	Major Elective - 3
1	Advances in Environmental Laboratories	Hazardous Waste management	Noise Pollution and Thermal Pollution and control
2	Environmental Sanitation	Solid waste Management	Air Pollution Control
3		Environmental Health and safety	CAD in Environmental Engineering