AFFILIATED INSTITUTIONS

ANNA UNIVERSITY :: CHENNAI 600 025

REGULATIONS - 2013

M.E. ENVIRONMENTAL ENGINEERING

I TO VI SEMESTERS (PART TIME) CURRICULUM

SEMESTER I

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	MA7152	Statistical Methods for Engineers	3	1	0	4
2.	EV7101	Environmental Chemistry	3	0	0	3
3.	EV7102	Environmental Microbiology	3	0	0	3
4.	EV7104	Design of Physico-Chemical Treatment Systems	3	0	0	3
5.	EV7111	Environmental Chemistry Laboratory	0	0	4	2
		TOTAL	**9**	**1**	**4**	**15**

SEMESTER II

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	EV7103	Transport of Water and Wastewater	3	0	0	3
2.	EV7105	Solid and Hazardous Waste Management	3	0	0	3
3.	EV7201	Design of Biological Treatment Systems	3	0	0	3
4.	EV7112	Environmental Microbiology Laboratory	0	0	4	2
		TOTAL	**9**	**0**	**4**	**11**

SEMESTER III

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	EV7203	Industrial Wastewater Pollution- Prevention and Control	3	0	0	3
2.		Elective I	3	0	0	3
3.		Elective II	3	0	0	3
4	EV7211	Unit Operations and Processes Laboratory	0	0	6	3
		TOTAL	**9**	**0**	**6**	**12**

SEMESTER IV

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
PRACTICAL						
1.	EV7202	Air Pollution Control Engineering	3	0	0	3
2.		Elective III	3	0	0	3
3.		Elective IV	3	0	0	3
		TOTAL	**9**	**0**	**0**	**9**

SEMESTER V

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	EV7301	Environmental Impact and Risk Assessment	3	0	0	3
2		Elective V	3	0	0	3
3	EV7311	Project Work (Phase I)	0	0	12	6
4	EV7312	Industrial Training (4 weeks)	-	-	-	1
5	EV7313	Seminar	0	0	2	1
		TOTAL	**6**	**0**	**14**	**14**

SEMESTER - VI

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
PRACTICAL						
1	EV7411	Project Work (Phase-II)	0	0	24	12
		TOTAL	**0**	**0**	**24**	**12**

TOTAL CREDITS TO BE EARNED FOR THE AWARD OF THE DEGREE: 73

LIST OF ELECTIVES

Elective I,II & III

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
1.	EV7001	Advanced Oxidation Process	3	0	0	3
2.	EV7002	Resource and Energy Recovery from waste	3	0	0	3
3.	EV7003	Landfill Engineering and Remediation Technology	3	0	0	3
4.	EV7004	Membrane Technologies for Water and Wastewater Treatment	3	0	0	3
5.	EV7005	Water Quality Modeling	3	0	0	3
6.	EV7006	Remote Sensing and GIS Applications in Environmental Management	3	0	0	3
7.	EV7007	Ecological Engineering	3	0	0	3

Elective IV & V

SL. NO.	COURSE CODE	COURSE TITLE	L	T	P	C
8.	EV7008	Computing Techniques in Environmental Engineering	3	0	0	3
9.	EV7009	Environmental System Analysis	3	0	0	3
10.	EV7010	Air Quality Modeling and Mapping	3	0	0	3
11.	EV7011	Climate Change and Modeling	3	0	0	3
12.	EV7012	Rural Water Supply and Onsite Sanitation	3	0	0	3
13.	EV7013	Environmental Policies and Legislation	3	0	0	3