

STUDY & EVALUATION SCHEME
M.TECH: CIVIL ENGINEERING (PT)
SPECIALIZATION: ENVIRONMENTAL ENGINEERING
I YEAR: I SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MHU1001P	Technical Communication	2	0	0	40	60	100	2
2	MCE1001P	Introduction to Environment: Ecology and Ecosystems	4	2	0	40	60	100	5
3	MCE1002 P	Air and Noise Pollution: Process & Control	4	2	0	40	60	100	5
PRACTICAL/ TRAINING/PROJECT									
4	MCE1501 P	Environmental Engineering Lab - I	0	0	4	80	20	100	2
TOTAL			10	4	4	200	200	400	14

L - Lecture

T - Tutorial

P - Practical

CIE - Continuous Internal Evaluation

ESE-End Semester Exam

C - Credit

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I YEAR: II SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MHU2001P	Professional Ethics	2	0	0	40	60	100	2
2	MCE2001P	Environmental Chemistry & Microbiology	4	2	0	40	60	100	5
3	MCE2005 P	Application of GIS and Remote Sensing in Environmental Engineering	4	2	0	40	60	100	5
PRACTICAL/ TRAINING/PROJECT									
4	MCE2501P	Environmental Engineering Lab - II	0	0	4	80	20	100	2
TOTAL			10	4	4	200	200	400	14

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II YEAR: III SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MCE3001P	Process and Treatment: Water Supply and Wastewater	4	2	0	40	60	100	5
2	MCE3002P	Environmental Management and Environment Impact Assessment	4	2	0	40	60	100	5
3	---	Elective-I	4	2	0	40	60	100	5
TOTAL			12	6	0	120	180	300	15

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II YEAR: IV SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
PRACTICAL/ TRAINING/PROJECT									
1	MCE4001P	Solid and Hazardous Waste Management	4	2	0	40	60	100	5
2	---	Elective-II	4	2	0	40	60	100	5
TOTAL			8	4	0	80	120	200	10

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III YEAR: V SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
1	---	Elective-III	4	2	0	40	60	100	5
PRACTICAL/ TRAINING/PROJECT									
1	MCE5501P	Dissertation-I	-	-	6	100	-	100	6
2	MCE5502P	Seminar/Minor Project	-	-	4	100	-	100	4
TOTAL			4	2	10	240	60	300	15

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III YEAR: VI SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
PRACTICAL/ TRAINING/PROJECT									
1	MCE6501P	Dissertation-II	-	-	18	80	20	100	18
2	MCE6502P	Comprehensive Viva *	-	-	-	100	-	100	2
TOTAL			0	0	18	180	20	200	20

* Based on Field/Industrial Visit

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LIST OF ELECTIVES

ELECTIVE-I			
S. NO.	SUBJECT CODE	SUBJECT	SEMESTER
1	MCE3101P	Industrial Wastewater: Treatment Technology and Control	III
2	MCE3102P	Water Pollution and Management	III
3	MCE3103P	Advanced Atmospheric Environmental Engineering	III
4	MCE3104P	Environmental Geo- Technology	III
ELECTIVE-II			
1	MCE4101P	Energy and Environment	IV
2	MCE4102P	Earth and Environment	IV
3	MCE4103P	Environmental Geology	IV
4	MCE4104P	Ecological Engineering	IV
ELECTIVE-III			
1	MCE5101P	Disaster Management	V
2	MCE5102P	Groundwater Hydrology and Management	V
3	MCE5103P	Environmental Sanitation and Health	V
4	MCE5104P	Advanced Waste Water Treatment Technology	V