

DELHI TECHNOLOGICAL UNIVERSITY

SCHEME OF TEACHING AND EVALUATION

MASTER OF TECHNOLOGY IN ENVIRONMENTAL ENGINEERING (ENE)

The following alphanumeric coding scheme has been adopted: Core Courses XXXYMN; Elective Courses XXXYCMN
 XXX abbreviates a particular M. Tech. program, Y – (5 for M. Tech. 1st year, 6 for M. Tech. 2nd year); C – credit of the course (4/3/2); MN – Subject code (Odd number for odd semester and even number for even semester courses)

Semester-I														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group A	1	ENE501	Water Pollution	Core	4	3	0	2	15	25	20	40	-	17
	2	ENE503	Air Pollution & Control	Core	4	3	0	2	15	25	20	40	-	
Group B	3	ENE5401/5403/.....	Elective 1	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-	
	4	ENE5301/5303/.....	Elective 2	Elective	3	3/2	0	0/2	20/15	0/25	30/20	50/40	-	
	5	ENE5201/5203/...../ UEC5201/5203/.....	Elective 3/University Elective I	Elective	2	2	0	0	20	-	30	50	-	
Semester-II														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group C	1	ENE502	Water Engineering Design	Core	4	3	0	2	15	25	20	40	-	17
	2	ENE504	Solid Waste Management	Core	4	3	0	2	15	25	20	40	-	
Group D	3	ENE5402/5404/5406	Elective 4	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-	
	4	ENE5302/5304/.....	Elective 5	Elective	3	3	0	0	20	-	30	50	-	

	5	ENE5202/5204/...../ UEC5202/5204/.....	Elective 6/University Elective II	Elective	2	2	0	0	20	-	30	50	-	
Semester-III														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
	Track 1													12
Group E	1	ENE651	Research Project	Core	12	0	0	12	0	-	0	100	0	
	Track 2													
	1	ENE601	Major Project I	Core	3						40	60		
	2	ENE6401/6403/.....	Elective 7	Elective	4	3/4	0	2/0	15/ 20	25/ 0	20/30	40/ 50	-	
	3	ENE6301/6303/.....	Elective 8	Elective	3	3/2	0	0/2	20/ 15	0/ 25	30/20	50/ 40	-	
	4	ENE6201/6203/.....	Elective 9	Elective	2	2	0	0	20	-	30	50	-	12
Semester-IV														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group F	Track 1													
	1	ENE652	Research Project	Core	12	0	0	12	0	-	0	100	0	12
	Track 2													
	1	ENE602	Major Project II	Core	12	0	0	12	0	-	0	100	0	12

LIST OF ELECTIVES

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	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 1	1	ENE5401	Industrial Wastewater Treatment	Elective	4	3	0	2	15	25	20	40	-
	2	ENE5403	Planning & Design of Environmental Services		4	4	0	0	20	-	30	50	-
	3	ENE5405	Groundwater & Seepage		4	4	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 2	1	ENE5301	Environmental Chemistry & Microbiology	Elective	3	2	0	2	15	25	20	40	-
	2	ENE5303	Occupational Safety & Health		3	3	0	0	20	-	30	50	-
	3	ENE5305	Instrumentation		3	2	0	2	15	25	20	40	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
	1	ENE5201	SEMINAR		2	0	0	2	-	100	-	-	-
Elective 3	2	ENE5203	Advanced Mathematics & Statistics	Elective	2	2	0	0	20	-	30	50	-
	3	ENE5205	Design of Hydraulic Structures		2	2	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 4	1	ENE5402	Global Warming & Climate Change	Elective	4	4	0	0	20	-	30	50	-
	2	ENE5404	Waste Containment & Remediation Technology		4	3	0	2	15	25	20	40	-
	3	ENE5406	Environmental Planning & Management		4	4	0	0	20	-	30	50	-

	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 5	1	ENE5302	MINOR PROJECT	Elective	3	0	0	-	-	40	-	-	60
	2	ENE5304	Environmental Monitoring & Assessment		3	3	0	0	20	-	30	50	-
	3	ENE5306	Green Technology & Sustainability		3	3	0	0	20	-	30	50	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 6			Environmental Policy & Law	Elective									
	1	ENE5202			2	2	0	0	20	-	30	50	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 7	1	ENE6401	Environment Impact Assessment & Audit	Elective	4	4	0	0	20	-	30	50	-
	2	ENE6403	Remote Sensing & GIS		4	3	0	2	15	25	20	40	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 8	1	ENE6301	Air Quality Modeling	Elective	3	2	0	2	15	25	20	40	-
	2	ENE6303	Life Cycle Assessment		3	3	0	0	20	-	30	50	-
		S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE
Elective 9	1	ENE6201	Hazardous Waste Management	Elective	2	2	0	0	20	-	30	50	-
	2	ENE6203	Bioremediation		2	2	0	0	20	-	30	50	-