	2 year M.Tech. Course Curricula for Environmental Engineering									
M.Tech. I semester-(M1)										
S.No.	Subject Code	Subject	Core/Elective	L	Т	P	Credits			
1	14M12CL121	Environmental Chemistry and Microbiology	Core	3	0	0	3			
2	14M12CL122	Environment and Development	Core	3	0	0	3			
3	14M12CL123	Solid & Hazardous Waste Management	Core	3	0	0	3			
4	14M1GXX14x	Elective-I	Elective	3	0	0	3			
5		Bridge Course		3	0	0	3			
	14M12CL124 OR 14M12CE121	for Civil Engineering Students: Material Balance & Reaction Engineering OR for Chamical Engineering Students:			0	0	3			
	14MHZCE121	for Chemical Engineering Students: Water Supply & Sewage Treatment								
6	14M18CL181	Environmental Chemistry and Microbiology lab	Core	0	0	4	2			
		Total		15	0	4	17			

List of Electives-I			Core/Elective	L	T	P	Credits
1	14M1GCL141	Industrial Waste Treatment	Elective	3	0	0	3
2	14M1GCE141	Environmental Rules and Laws	Elective	3	0	0	3
3	14M1GCE142	Environmental Management	Elective	3	0	0	3
4	14M1GCL142	Physicochemical Processes	Elective	3	0	0	3

	2 year M.Tech. Course Curricula for Environmental Engineering M.Tech. II semester-(M2)									
S.No.	Subject Code	Subject	Core/Elective	L	Т	P	Credits			
1	14M12CL221	Air & Noise Pollution: Monitoring and Control	Core	3	0	0	3			
2	14M12CL222	Wastewater Treatment	Core	3	0	0	3			
3	14M12CE221	Environmental Impact Assessment and Audit	Core	3	0	0	3			
4	14M12CL223	Modeling and Simulation in Environmental Systems	Core	3	0	0	3			
5	14M1GXX24x	Elective - II	Elective	3	0	0	3			
6	14M18CL281	Pollution Monitoring Lab	Core	0	0	4	2			
		Total		15	0	4	17			

List	of Electives-II		Core/Elective	L	T	P	Credits
1	14M1GCL241	Membrane Separation Processes	Elective	3	0	0	3
2	14M1GCL242	Absorption and Adsorption Processes	Elective	3	0	0	3
3	14M1GCL243	Green Rating	Elective	3	0	0	3
4	14M1GCE241	Ground water Pollution	Elective	3	0	0	3

	2 year M.Tech. Course Curricula for Environmental Engineering								
M.Tech. III semester-(M3)									
S.No.	Subject Code	Subject	Core/Elective	L	Т	P	Credits		
1	14M1GXX34x	Elective-III	Elective	3	0	0	3		
2	14M1GXX34x	Elective-IV	Elective	3	0	0	3		
3	14M19GE391	Project Seminar	Core	0	0	0	2		
4	14M19GE392	Thesis	Core	-	-	-	12		
		Total					20		

List	of Electives-III		Core/Elective	L	T	P	Credits
1	14M1GCL341	Waste Recycling and Reuse	Elective	3	0	0	3
		Water Quality and Pollution in natural	Elective	3	0	0	3
2	14M1GCE341	water systems					
		Analytical Chemistry and Environmental	Elective	3	0	0	3
3	14M1GCL342	Instrumentation					
List	of Electives-IV		Core/Elective	L	T	P	Credits
1	14M1GCL341	Waste Recycling and Reuse	Elective	3	0	0	3
		Water Quality and Pollution in natural	Elective	3	0	0	3
2	14M1GCE341	water systems					
		Analytical Chemistry and Environmental	Elective	3	0	0	3
3	14M1GCL342	Instrumentation					

	2 year M.Tech. Course Curricula for Environmental Engineering								
	M.Tech. IV semester-(M4)								
S.No.	Subject Code	Subject	Core/Elective	L	T	P	Credits		
1	14M1GXX44x	Elective-V	Elective	3	0	0	3		
2	14M1GXX44x	Elective-VI	Elective	3	0	0	3		
3	14M19GE491	Project Seminar	Core	0	0	0	2		
4	14M19GE492	Thesis	Core	-	-	-	14		
		Total					22		

List	of Electives-V		Core/Elective	L	T	P	Credits
		Remote Sensing Applications in		3	0	0	3
1	14M1GCE441	Environmental Engineering	Elective				
		Solid Waste management and Land	Elective	3	0	0	3
2	14M1GCE442	Reclamation					
3	14M1GCL441	Transport of Pollutants	Elective	3	0	0	3
List	of Electives-VI		Core/Elective	L	T	P	Credits
		Introduction to Urban and Rural		3	0	0	3
1	14M1GCE443	Environmental Engineering	Elective				
2	14M1GCL442	Energy Resources & Conservation	Elective	3	0	0	3
3	14M1GCL443	Process Analysis	Elective	3	0	0	3

	2 year M.Tech. Course Curricula for Environmental Engineering									
M.Tech. I semester-(M1)										
S.No.	Subject Code	Subject	Core/Elective	L	T	P	Credits			
1	14M12CL121	Environmental Chemistry and Microbiology	Core	3	0	0	3			
2	14M12CL122	Environment and Development	Core	3	0	0	3			
3	14M12CL123	Solid & Hazardous Waste Management	Core	3	0	0	3			
4	14M1GXX14x	Elective-I	Elective	3	0	0	3			
5		Bridge Course		3	0	0	3			
6	14M12CL124 OR 14M12CE121 14M18CL181	for Civil Engineering Students: Material Balance & Reaction Engineering OR for Chemical Engineering Students: Water Supply & Sewage Treatment Environmental Chemistry and Microbiology lab	Core	0	0	4	2			
		Total		15	0	4	17			

Lis	List of Electives-I		Core/Elective	L	T	P	Credits	
1	[14M1GCL141	Industrial Waste Treatment	Elective	3	0	0	3
2	2	14M1GCE141	Environmental Rules and Laws	Elective	3	0	0	3
3	3	14M1GCE142	Environmental Management	Elective	3	0	0	3
4	1	14M1GCL142	Physicochemical Processes	Elective	3	0	0	3