

02 Yr M.Tech. Programme (Environmental Engineering) with CBCS

SEMESTER - I					
Sr. No.	Subject Code	Courses	L-T-P	Credits	
		<u>THEORY</u>			
1		Generic Elective	3-1-0	4	GE1
2	CE501	Energy and Environment	3-0-0	3	C1
3	CE503	Remote Sensing & GIS	2-1-0	3	C2
4	CE505	Unit Processes	2-1-0	3	C3
5	CE507	Environmental Chemistry and Microbiology	3-0-0	3	C4
6		Open Elective I	3-0-0	3	OE1
		<u>PRACTICALS</u>			
7	CE509	Remote Sensing and GIS laboratory	0-0-3	2	C5
8	CE511	Seminar	0-0-3	2	SEC1
9	GP	General Proficiency	-	Non Credit	
		Total	17-3-5	23	
		Total Contact Hours	25		

Generic Elective (GE1)

1. MA 406 Operation Research
2. MA 507 Optimization Techniques
3. MA 402 Modeling and Simulation

Open Elective I

Courses offered from other schools

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SEMESTER – II					
Sr. No.	Subject Code	Courses	L-T-P	Credits	
		<u>THEORY</u>			
1	CE502	Environmental Policies & Legislation	3-1-0	4	C6
2	CE504	Advance Environmental Engineering	3-1-0	4	C7
3	CE506	Air and Noise Pollution	3-1-0	4	C8
4	CE508	Advance Hydrology	3-1-0	4	C9
5		Specialization Elective-I	2-1-0	3	DSE1
		<u>PPRACTICALS</u>			
6	CE514	Advance Environmental Engineering Lab	0-0-3	2	C10
7	CE516	Project	0-0-10	5	DP1
8	GP	General Proficiency		Non Credit	
		Total	14-5-13	26	
		Total Contact Hours	32		

Specialization Elective I

- CE510: Environmental Toxicology
- CE512: Environmental Health




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SEMESTER – III					
Sr. No.	Subject Code	Courses	L-T-P	Credits	
		<u>THEORY</u>			
1	CE601	Solid and Hazardous Waste Management	3-1-0	4	C11
2	CE605	Environmental Impact Assessment	3-0-0	3	C12
3		Specialization Elective-II	3-1-0	4	DSE2
		<u>PROJECTS</u>			
4	CE 617	Dissertation Part-I	2 ^{**} -0-16	8	DP2
5	GP	General Proficiency		Non Credit	
		Total	9-2-16	19	
		Total Contact Hours	27		

*** This will not be a usual lecture session, but this is one to one interaction of each student with the concerned faculty member*

Specialization Elective – II (DSE 2)

1. CE603: Soil and Groundwater Contamination
2. CE607: Management in WATSAN
3. CE609: Climate Change and its Impact on Environment
4. CE611: Design of Environmental Facilities
5. CE613: Industrial Wastewater Treatment

SEMESTER – IV					
Sr. No.	Subject Code	Courses	L-T-P	Credits	
1	CE 620	Dissertation Part – II	22	DP3
2	GP	General Proficiency	-	Non Credit	
		Total	22	

Total Credits = 90