

Course Structure: M. Tech. 2022-24**Semester - I**

S. No.	Course Code	Course Title	L	T	P	Credit(s)
1	MAS4103	Application of Statistical Methods	3	1	0	4
2	CEE4101	Air & Noise Pollution	3	0	0	3
3	CHS4101	Advanced Environmental Chemistry	3	0	1	4
4	CEE4102	Urban Drainage & Sewerage System	3	0	0	3
5	CEE4103	Environmental Impact Assessment	3	0	0	3
6	PE-I	Professional Elective - I	3	0	0	3
Total Credits						20
Total Contact hours/week						21

Semester - II

S. No.	Course Code	Course Title	L	T	P	Credit(s)
1	CEE4201	Environmental System Optimization & Modeling	3	1	0	4
2	CEE4202	Research Methodology and IPR	3	0	0	3
3	CEE4203	Environmental Policies & Legislation	3	0	0	3
4	PE-II	Professional Elective - II	3	0	0	3
5	PE-III	Professional Elective - III	3	0	0	3
6	PE-IV	Professional Elective - IV	3	0	0	3
Total Credits						19
Total Contact hours/week						19

List of Professional Elective(s) - I

S. No.	Course Code	Course Title	L	T	P	Credit
1	CEE4141	Global Climate Change Adaptation & Mitigation	3	0	0	3
2	CEE4142	Environmental Microbiology & Ecology	3	0	0	3

List of Professional Elective(s) - II

S. No.	Course Code	Course Title	L	T	P	Credit
1	CEE4241	Design of Water Treatment Systems	3	0	0	3
2	CEE4242	Environmental Health & Safety	3	0	0	3
3	CEE4243	Design of Wastewater Systems	3	0	0	3

List of Departmental Elective(s)/Professional - III

S. No.	Course Code	Course Title	L	T	P	Credit
1	CEE4244	Bioremediation	3	0	0	3
2	CEE4245	Solid & Hazardous Waste Management	3	0	0	3
3	CEE4246	Industrial Waste Management	3	0	0	3

List of Professional Elective(s) - IV

S. No.	Course Code	Course Title	L	T	P	Credit
1	CEE4247	Advanced Environmental Management	3	0	0	3
2	CEE4248	Rural Sanitation Engineering	3	0	0	3