

M.Tech Curriculum
Environmental and Water Resources Engineering
 From Academic Year 2019-20

Semester I

S.No.	Course No.	Course Name	L-T-P-C
1.	CE5104	Physicochemical Processes in Water and Wastewater Engineering	3-0-0-3
2.	CE5105	Air Pollution Control Engineering	3-0-0-3
3.	CE5106	Applied Hydraulic Engineering	3-0-0-3
4.	CE5107	Surface Water Hydrology	3-0-0-3
5.	CE5191	Hydroinformatics Laboratory	0-0-3-2
6.	MAE	Mathematics Elective	3-0-0-3
		Total	17

Semester II

S.No.	Course No.	Course Name	L-T-P-C
1.	CE5202	Biological Processes in Wastewater Engineering	3-0-0-3
2.	CE5025	Water Resources Planning and Management	3-0-0-3
3.	CE5291	Environmental Monitoring Laboratory	0-0-3-2
4.	DPE	Department Elective	3-0-0-3
5.	FRE1	Free Elective-1	3-0-0-3
		Total	14

Semester III

S.No.	Course No.	Course Name	L-T-P-C
1.	CE6110	Seminar	- - - 1
2.	CE6150	Project Phase-I	- - - 10
		Total	11

Semester IV

S.No.	Course No.	Course Name	L-T-P-C
1.	CE6250	Project Phase-II	- - - 15
2.	FRE2	Free Elective-2	3-0-0-3
		Total	18

Total Credits - 60

Department Electives

- 1) CE5021 Groundwater Hydrology
- 2) CE5023 Integrated Impact Assessment
- 3) CE5024 Solid and Hazardous Waste Management
- 4) CE5026 GIS and Remote Sensing

Mathematics Electives

- 1) MA5101 Mathematics for Engineers
- 2) MA5103 Statistical Methods for Engineers