

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

M. Tech. Curriculum: Environmental and Water Resources Engineering From the Academic Year 2020-21

Semester-I

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CE505L	Groundwater Hydrology	3-0-0-3	CE5021	6
2.	CE530L	Physicochemical Processes in Water and Wastewater Engineering	3-0-0-3	CE5104	8
3.	CE517L	Air Pollution Control Engineering	3-0-0-3	CE5105	8
4.	CE532L	Surface Water Hydrology	3-0-0-3	CE5107	8
5.		Mathematics Elective-1	2-0-0-2	MAE1	
6.		Mathematics Elective-2	2-0-0-2	MAE2	
Total Credits			16		

Semester-II

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CE513L	Water Resources Planning and Management	3-0-0-3	CE5025	7
2.	CE519L	Biological Processes in Wastewater Engineering	3-0-0-3	CE5202	8
3.		Department Elective	3-0-0-3	DPE	
4.	CE527P	Hydroinformatics Laboratory	0-0-3-2	CE5191	8
5.	CE522P	Environmental Monitoring Laboratory	0-0-3-2	CE5291	8
6.		Free Elective - 1	3-0-0-3	FRE1	
Total Credits			16		

Semester-III

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CE693G	Seminar	- - - 1	CE6110	4
2.	CE691G	Project Phase I	- - - 10	CE6150	4
Total Credits			11		

Semester-IV

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CE692G	Project Phase II	- - - 15	CE6250	4
2.		Free Elective - 2	3-0-0-3	FRE2	
Total Credits			18		

Total Credits – 61