

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
M. Tech. Curriculum: Transportation and Infrastructure 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.	CE506L	Pavement Analysis and Design	3-0-0-3	CE5117	3
2.	CE533L	Traffic Engineering and Road Safety	3-0-0-3	CE5109	8
3.	CE529P	Pavement Engineering Laboratory	0-0-3-2	CE5195	8
4.	CE533P	Traffic Engineering Laboratory	0-0-3-2	CE5197	8
5.		Department Elective-1	3-0-0-3	DPE1	
6.		Mathematics Elective-1	2-0-0-2	MAE1	
Total Credits			15		

Semester-II

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CE502L	Pavement Materials and Construction	3-0-0-3	CE5101	2
2.	CE510L	Traffic Flow Modeling and Simulation	3-0-0-3	CE5022	6
3.	CE526L	Ground Improvement and Geosynthetics	3-0-0-3	CE5206	8
4.		Department Elective-2	3-0-0-3	DPE2	
5.		Free Elective-1	3-0-0-3	FRE1	
6.		Mathematics Elective-2	3-0-0-3	MAE2	
Total Credits			18		

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-62