

CENTRE FOR TRANSPORTATION SYSTEMS (CTrans)

M.Tech.(Infrastructure Systems)

[illegible]

Program Elective Courses (Infrastructure Systems)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	CTN-611	Management of Transport Systems	PEC	4	3	0	2	3	-	15	25	20	40	-
2.	CTN-612	Sustainable Transportation Systems	PEC	4	3	1	0	3	-	25	-	25	50	-
3.	CTN-613	Infrastructure Asset Management	PEC	4	3	1	0	3	-	25	-	25	50	-
4.	CTN-614	Transportation Safety	PEC	4	3	1	0	3	-	25	-	25	50	-
5.	CTN-615	Inland Navigation and Water Transport	PEC	4	3	1	0	3	-	25	-	25	50	-
6.	CTN-616	Geographic Information System (GIS) Applications in Transport System	PEC	4	3	0	2	3	-	15	25	20	40	-
7.	CTN-617	Utility Mapping for Transport Infrastructure	PEC	4	3	0	2	3	-	15	25	20	40	-
8.	CTN-618	Intelligent Transportation System	PEC	4	3	1	0	3	-	25	-	25	50	-
9.	CTN-619	Biofuel for Automobiles	PEC	4	3	1	0	3	-	25	-	25	50	-
10.	CTN-620	Dynamics of Rail & Road Vehicles	PEC	4	3	1	0	3	-	25	-	25	50	-
11.	CTN-621	Pipeline Transport System	PEC	4	3	1	0	3	-	25	-	25	50	-
12.	CTN-622	Railway Infrastructure	PEC	4	3	1	0	3	-	25	-	25	50	-
13.	CTN-623	Airport Infrastructure	PEC	4	3	1	0	3	-	25	-	25	50	-
14.	CTN-624	Applied Transport Economics	PEC	4	3	1	0	3	-	25	-	25	50	-
15.	MIN-585	Supply Chain Management	PEC	4	3	1	0	3	-	25	-	25	50	-
16.	CEN-614	Theory and Applications of GIS	PEC	4	3	-	2	3	-	15	25	20	40	-
17.	CEN-513	Remote Sensing and Digital Image Processing	PEC	4	3	-	2	3	-	15	25	20	40	-
18.	CEN-663	Pavement Evaluation and Management	PEC	4	3	1	-	3	-	25	-	25	50	-
19.	CEN-664	Transportation Planning	PCC	4	3	1	-	3	-	20-35	-	20-30	40-50	-