

M. Tech. in Transportation Engineering (Programme Code: **CEP**)

Sem.	Courses (Number, Abbreviated Title, L-T-P, credits)					Lecture courses	Contact h/week				Credits
	L	T	P	Total							
I	CVL741 Urban & Regional Transport Planning (3-0-2) 4	CVL740 Pavement Materials and Design of Pavements (3-0-2) 4	CVL742 Traffic Engineering (3-0-2) 4	RE-1* (3-0-0 or 2-0-2) 3			Min. 11 Max. 12	0	Min. 6 Max. 8	18	15
II	PE-1 (2-0-2) 3	PE-2 (2-0-2) 3	PE-3 (2-0-2) 3	RE-2# (3-0-0 or 2-0-2) 3			Min. 8 Max. 9		Min. 6 Max. 8	12	12
Summer	CVS852 Advanced Topics in Transportation Engineering (0-0-6) 3										3
III	PE-4 (2-0-2) 3	CVD853 Major Project Part-I (0-0-18) 9					0	0	6	6	12
IV	CVD854 Major Project Part-II (0-0-24) 12						3	0	18	24	12

* Should be listed in restricted elective course category.

Any course (relevant to research area) offered in that semester with consent of thesis supervisor. Alternatively minor project can be opted.

Total = 54

Note: The programme structure shown above is only a suggestion. Your actual course plan may differ.

However, important things to note:

(a) Core courses (CVL740, CVL741, CVL742) are offered only in the first semester, and you must complete them before you can register for Major Project Part-I and II (CVD853 and CVD854).

(b) A full-time (FT) student who does NOT complete the core courses (CVL740, CVL741, CVL742) in the first semester of their program will NOT be able to graduate in 2 years.

Core Courses (Sem. 1, 2020-2021)

1. CVL741 (Transport Planning) by Prof. G. Tiwari: Mon, Thu 8:00 – 9:30 AM (slot A)
2. CVL742 (Traffic Engineering) by Prof. R.R. Kalaga: Mon, Thu 9:30 – 11:00 AM (slot B)
3. CVL740 (Pavement Materials) by Prof. A.K. Swamy: Mon, Thu 5:00 – 6:30 PM (slot M)

Restricted Elective-1 (RE-1) (Sem. 1, 2020-2021)

1. CVL748 (Data Analysis) by Prof. Manoj M.: Mon, Thu 2:00 – 3:30 PM (slot AA)
2. CVL731 (Optmzn in Water) by Prof. A.K. Keshari: Mon, Thu 9:30 – 11:00 AM (slot B)
3. MCL761 (Probability and Statistics) by Prof. V. Ramamohan, Mechanical Engineering: Mon, Thu 9:30 – 11:00 AM (slot B)

Program Elective (PE) (Sem. 1, 2020-2021)

1. CVL747 (Transportation Safety), taught by Prof. D. Mohan (Co-ord: Prof. Nezamuddin):
Wed 12:00 – 1:00 PM, Tue, Fri 5:00 – 6:00 PM (slot K)
2. CVL750 (ITS) by Prof. Nezamuddin: Mon, Thu 3:30 – 5:00 PM (slot AB)

Registration Limits (per semester)

M. Tech., Full Time (FT): 9 – 15 credits
M. Tech., Part Time (PT): 3 – 12 credits