

Civil Engineering Department

Expert Lecture on “Urban Transportation System”

on 11th January, 2018.

CHIEF PATRON

Dr. D. R. Shah, Provost, UTU

PATRON

Dr. N. C. Shah, Director, CGPIT

CONVENER

Mr. Kamlesh Gandhi, HOD, Civil Engineering Department, CGPIT

PROGRAMME COORDINATORS

***Mr. Mehul Patel
Mr. Omkar Bidkar
Ms. Maitri Shah***

SPEAKER

***Dr. Pankaj Prajapati
Associate Professor,
Civil Engineering Department
M. S. University, Baroda***

SCHEDULE

Venue: Dr J. D. Hall, CGPIT, UTU

11th January 2017 (Thursday)

01:15 pm – 01:30 pm	Introduction and Formal Welcome
01:30 pm– 3:00 am	(Dr. Pankaj Prajapati) Introduction: Brief Introduction about Transportation Planning and Urbanisation in Indian cities, Trip generation model applied for Delhi NCR Region, Modal Split model applied for Vadodara city.

In this seminar total 90 students participated from B.Tech Final Year and Diploma Final Year and 15 faculty members.

SESSION I (Dr. Pankaj Prajapati)

Speaker started seminar with brief introduction of subject Transportation Planning and Urbanisation in Indian cities. Causes of Urbanisation in Indian cities. As people are moving from Village and Town side to the city centres due to Education, Medical Facilities, Transportation facilities etc. Increase in Population will give stress on the transportation in Urban areas. So, it is very necessary to calculate transportation demand in Indian cities. Speaker also commented on modal share in cities and ways to reduce the private vehicles in city areas.

Speaker has given transportation planning for Delhi and Vadodara cities. Trip generation equation is applied for overall cities in Delhi NCR Region. Simple linear regression is applied and coefficient of determination is determined by considering independent variables as socio-economics of the people.

Speaker also talks about trip end modal split model that is applied for vadodara city. Model is estimated by NLOGIT and so many variables are considered as generic and alternative specific and modal share is calculated.



Inauguration and Felicitation





Glimpses of Expert Lecture