NPTEL Video Course - Architecture - NOC:Urban Landuse and Transportation Planning

Subject Co-ordinator - Prof. Debapratim Pandit

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 30 - Residential location choice model using multinomial logistic regression
Lecture 31 - Travel demand forecasting and Trip generation
Lecture 32 - Multiple linear regression
Lecture 33 - Trip Production and Attraction - 1
Lecture 34 - Trip Production and Attraction - 2
Lecture 35 - Trip distribution
Lecture 36 - Mode choice theory
Lecture 37 - Mode choice model
Lecture 38 - Hybrid mode choice model - 1 (Factor Analysis)
Lecture 39 - Hybrid mode choice model - 2 (Joint RP SP model)
Lecture 40 - Nested logit model
Lecture 41 - Introduction to Trip Assignment
Lecture 42 - Route Choice
Lecture 43 - Link assignment - 1
Lecture 44 - Link assignment - 2
Lecture 45 - Dynamic traffic assignment
Lecture 46 - Transportation Software
Lecture 47 - CUBE Overview
Lecture 48 - Travel demand modelling using CUBE and VISUM
Lecture 49 - Activity based modelling in CUBE
Lecture 50 - Vehicular emission and pollution modelling
Lecture 51 - Urban Freight Planning
Lecture 52 - Urban Freight Planning
Lecture 53 - Urban Freight Planning
Lecture 54 - Last Mile Logistics - 1
Lecture 55 - Last Mile Logistics - 2
Lecture 56 - Employment location choice and Real estate Development location choice
Lecture 57 - Activity based model - 1
Lecture 58 - Activity based model - 2
Lecture 59 - Mode choice using Machine Learning
Lecture 60 - Shared Mobility