



FACULTIES PROFILE@TR DIVISION

Areas we work on

Pavement Engineering

- Pavement Analysis and Design
- Pavement Materials
- Pavement Construction Technology
- Pavement Management System
- Geometric Design
- Bituminous Technology
- Rheology of Pavement Materials
- Concrete Pavement Technology
- Valorisation of Recycled Materials

Traffic & Transportation Engineering

- Traffic Engineering and Management
- Traffic Flow Theory
- Intelligent Transportation Systems-ITS
- Urban Transportation Planning
- Transportation Systems Analysis
- Transportation Network Analysis and Optimization
- Road Safety
- Public Transit
- Urban Freight



Dr. Atul Narayan

Ph. D., Texas A& M University



- Viscoelasticity
- Constitutive modeling
- Material characterization



Dr. Bhargava Rama Chilukuri

Ph. D., P.E., Georgia Tech.



- Traffic Flow Theory
- Numerical Simulation of Traffic Flow Models
- Optimal Control of Traffic Systems



Dr. Gitakrishnan Ramadurai

Ph. D., RPI, New York



- Dynamic traffic assignment and simulation
- ITS
- Network models
- Sustainable transport
- Urban freight
- Road safety



Dr. Karthik K. Srinivasan

Ph. D., Univ. of Texas, Austin



- Travel Demand Modeling
- Network Optimization
- Intelligent Transportation Systems

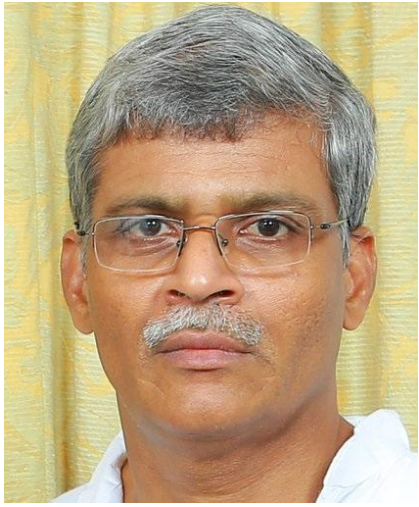


Dr. Lelitha Devi, V.

Ph. D., Texas A&M



- Traffic Flow Theory
- Intelligent Transportation System
- Traffic Operations, Estimation and Prediction Techniques



Dr. Murali Krishnan, J.

Ph. D., IIT Madras



- Bituminous Materials Characterization
- Asphalt Concrete
- Pavement Engineering



Dr. Sivanandan, R.

Ph. D., Virginia Tech



- Intelligent Transportation Systems (ITS)
- Traffic Congestion Analysis and Modelling
- Mixed Traffic Flow Simulation



Dr. Surender Singh

Ph. D., IIT Roorkee



- Pavement Material Characterization
- Cement Concrete Pavements
- Valorization of Waste Materials



Dr. Veeraragavan, A.

Ph. D., Bangalore Univ.



- Pavement Material Characterization
- Design and Evaluation
- Road Asset Management
- Road Safety
- Traffic Management