

A 5-days GIAN Course on

Bringing synergy across different transit modes in India by addressing challenges for sustainable transport modes

Organized by Department of Civil Engineering, NIT Warangal, **June 23-27, 2025**

About this Course

Across the globe, there are significant transformational changes in the transportation system due to the emergence of various new mobility options (shared mobility and micro-mobility), technological advances improving existing public transportation systems (such as real-time arrival updates, boarding and alighting data collection) and India is no exception. These emerging mobility alternatives and technologies can contribute to improved transportation system sustainability by improving connectivity to existing public transportation systems and reducing reliance on private vehicles. To achieve these potential synergies across different non-private vehicle modes, there is a need to address different challenges in coordination across different platforms and comprehensive analytics to present useful strategies for improving system level synergies.

Foreign Faculty



Dr. Naveen Eluru is a professor in the Department of Civil, Environmental and Construction Engineering at the University of Central Florida.

His research covers the complex interactions of individuals, households, emerging technologies, urban form, environment and transportation system. He employs quantitative analysis approaches drawing on his expertise in econometric modeling, optimization and micro-simulation techniques. The quantitative platforms developed allow us to understand the contribution of transportation systems on our communities' mobility, energy consumption, resilience and environment holistically.

Indian Faculty

Prof. CSRK Prasad is Professor in the Department of Civil Engineering, NIT, Warangal.

Dr B Raghuram Kadali, is Assistant Professor, in the Department of Civil Engineering, NIT, Warangal.

You Should Attend If...

- You are students at all levels (BTech/MSc/MTech/PhD).
- You are a Transportation engineering professional from State and Central Government agencies and industry
- You are faculty from reputed academic, and technical institutions.

Contact Details

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<https://gian.iit.ac.in/lectures/upcoming>

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Modules

Lectures: Public transit data collection approaches, SWOT analysis, AI/ML models for transit demand analytics, Advanced data analytic approaches for transit system analysis, Unobserved factors and Panel data analysis of data

Hands-on Sessions: Hands on practice with Supplementary data, model development using real world data; Advanced models for transit data including Mixed logit models

Number of participants for the course will be limited to 50.

The participation fee for the course is as follows:

Students: INR 1,000 + 18% GST

Student with Grade: INR 1,500 + 18% GST

Academic Institutions: INR 2,000 + 18% GST

Industry/ Research Organizations: INR 5,000 + 18% GST

Participants from abroad: US \$500

Details for NEFT

Account Name **DIRECTOR RESEARCH ACCOUNT**

Account No. **62266262236**

Bank **State Bank of India**

Branch **REC Warangal (NIT Campus)**

Branch Code **20149**

IFSC **SBIN0020149**

MICR Code **506002030**

SWIFT Code **SBININBB**

The above fee includes all instructional materials, computer use for tutorials and assignments, 24 hr free internet facility. The participants will be provided with accommodation on payment basis.

Register by May 10th -2025

Link: <https://shorturl.at/NdGrd>