



## WEBINAR

# Advances in Transportation Sector: Techno-management Challenges

[An awareness programme for University Students and Teachers in the domain of Transportation]

**25-27 December 2020**

**National Rail and Transportation Institute (NRTI), Vadodara**



## National Rail and Transportation Institute (NRTI), Vadodara

India's first university focused on railway and transport technology related education

Estd. by Min of Railways, Govt. of India Funded  
National Academy of Indian Railways (NAIR) Campus  
Lalbaug, Vadodara - 390 004, India

- NRTI, a vision of the Honorable Prime Minister Narendra Modi, is India's first university focused on transport-related education, multidisciplinary research and training.
- Established to create a resource pool of best-in-class professionals for the railway and transportation sector.
- NRTI offers four UG and five PG programmes.
  - UG Programmes: BBA in Transportation Management, BSc in Transportation Technology, B.Tech. in Rail Infrastructure Engineering, B.Tech. in Rail Systems & Communication Engineering
  - PG Programmes: MBA in Transportation Management, MBA in Supply Chain Management, MSc in Transport Technology and Policy, MSc in Transport Information Systems and Analytics, MSc in Railway Systems Engineering & Integration (International degree programme offered in collaboration with University of Birmingham)

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### PROGRAMME COORDINATORS

#### **Prof. G Raghuram**

National Rail and Transportation  
Institute (NRTI), Vadodara

#### **Prof. Jitesh J. Thakkar**

National Rail and Transportation  
Institute (NRTI), Vadodara

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## WHAT THE WEBINAR WILL DELIVER?

Transportation industry in India contributed roughly 6.3% of GDP. The economic growth of the Nation is dependent on faster and reliable mode of transport to ensure the timely movement of goods and people. The high growth of Indian economy and need to improve the competitiveness of manufacturing and service sector in India is driving the demand for transportation industry. Transport operations are a critical part of the transport ecosystem. The transportation ecosystem encompasses domains like urban planning and policy (e.g., law, architecture) that impact the broader industry. Along with core technical departments, business support capabilities such as procurement and workforce management are key functions for a transportation organization. The last decade has witnessed significant technological advancements in the transport sector. This includes M2M communication in transport, Electric trucks, Electric/Hybrid Buses, Intelligent Public Transportation, Self-Driving Automobiles and High-Speed Rail Networks.

The focus of this webinar is to improve the awareness of academic audience (University students and teachers) on advancements in transport sector. The webinar will help participants to appreciate various techno-management challenges involved in the various modes of transport.

## LEARNING OBJECTIVES:

- Explore advancements in transportation sector.
- Examine techno-management challenges involved in transportation sector.
- Appreciate the impact of policies and regulations specific to different modes of transport – Road, Railway, Aviation, and Water for sustainable transportation in India.
- Discuss a future road map for Indian transportation.

## TARGET AUDIENCE:

University students and teachers in the domain of transportation.

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#### **SPEAKERS:**

Eminent speakers from academia and industry in the domain of transportation.

#### **VALUE PROPOSITION:**

The participants are invited to submit their scholarly work for an edited book on **“Advances in Transport Sector: Techno-management Challenges”**.

#### **LIST OF TOPICS:**

- Issues and challenges in passenger transport
- Issues and challenges in freight logistics in India
- Revenue management for transportation sector
- Feasibility assessment of Plasto-fuel production from mixed plastic waste collected from Indian Railway units
- Financial issues in Transportation Sector
- Lubrication and additives in railway with its effect on the structure wear
- Safety critical systems in transport technologies
- Transportation Eco system
- Control of a Semi-Active MR-Damper Suspension System for high speed rail vehicle

#### **SCHEDULE:**

<b>Session 1 (Keynote)</b>	10.00 am to 10.30 am
<b>Session 2 (Keynote)</b>	10.45 am to 11.30 am
<b>Session 3</b>	11.45 am to 12.30 pm
<b>Session 4</b>	4.00 pm to 4.45 pm
<b>Session 5</b>	5.00 pm to 5.45 pm

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### FEES:

Registration is free for the participants.

### CONTACT PERSON:

**Dr. Abhilasha Saksena**, Faculty, NRTI Vadodara

Email: [a.saksena@nrti.edu.in](mailto:a.saksena@nrti.edu.in)

### HOW TO REGISTER?

Send the following details to email: [a.saksena@nrti.edu.in](mailto:a.saksena@nrti.edu.in)

**A web link for the webinar will be shared.**

- **Name:** .....
- **Affiliation:** .....
- **Educational Qualification:** .....
- **Telephone:** .....
- **Mobile:** .....
- **E-mail:** .....

