



PM
Gati Shakti
National Master Plan for
Multi-Modal Connectivity



PM GATI SHAKTI



PM GATI SHAKTI WORKSHOP

Leveraging Satellite communication, Geo-informatics, and Geospatial technology for urban planning and multimodal logistics

Our Speakers



Shri K. Sanjay Murthy

Honorable Secretary,
Ministry of Education,
Government of India



Shri T P Singh

Director general,
Bhāskaracharya National
Institute for space
applications and Geo
information (BISAG -N),
Ahmedabad



**Dr. Manoj Kumar
Tiwari**

Director,
National Institute of
industrial engineering,
Mumbai

Tuesday, 28th June 2022

10:30 AM – 12:00 PM

This will be an online workshop

Overview

The PM Gati Shakti-National master plan for multimodal connectivity is focused to enhance governance through the digital platform bringing 16 ministries including railways and roadways for integrated planning and coordinated implementation of infrastructure connectivity projects.

It will incorporate the schemes of various ministries and state governments like Bharatmala, Sagarmala, inland waterways, Drive/land ports, UDAN etc. The focus is on improving the connectivity and making Indian businesses more competitive. It will also leverage technology extensively including special planning tools with ISRO imagery developed by BiSAG-N.

Objectives

- To provide insights on Geo informatics and Geospatial Technology applications that facilitate integrated planning across the different modes of transport to achieve the objectives of PM Gati Shakti master plan.
- To Launch Different courses and research programmes using Geo technologies and help in technology-building efforts by the partner institutes.
- It further will highlight the application of viable technologies for developing Rail/Road network infrastructure, multi-modal logistics & opportunities to enhance the competitiveness of the Indian industry.

Topics to be addressed

- Brief overview of PM Gati Shakti and role of premier academic institutes in Capability Building
- Logistics and supply chain management-critical areas to be addressed for achieving the overall objectives of PM Gati Shakti
- Applications of Satellite communication, Geo informatics & Geo Spatial technologies for integrated planning and multimodal logistics

About NITIE

To promote PM Gati Shakti Master plan, the Ministry has designated NITIE Mumbai as the Nodal Hub to coordinate and run the scheme with the participating partner institutes. Established in 1963, National Institute of Industrial Engineering (NITIE) has ceaselessly advanced transformative education and industry-inspired research and established itself as the thought leader in Industrial Engineering and Management education and research and as a partner in the manufacturing renaissance of the Nation. It has been ranked by NIRF among the top 12 institutes for Management Education in the Country.

NITIE's Postgraduate programmes are highly reputed and uniquely positioned to help Indian businesses to make their presence felt globally by acting as a driving force not only in manufacturing sector but all dynamic sectors of the Indian economy. The contribution of NITIE in education, training, and research towards strengthening the knowledge base, development of businesses and industry, sustainable development of the region, supporting communities for their economic development, and integration into the global economy flourishes on account of the undeterred focus on a key element-innovation.

Programme outline

10:30 AM	Welcome
10:30 AM - 10:40 AM	Workshop introduction by Prof. Manoj Kumar Tiwari, Director, NITIE
10:45 AM - 11:00 AM	Inauguration and Welcome address by Shri K. Sanjay Murthy, Secretary, Higher Education
11:05 AM - 11:45 AM	Address by Shri T P Singh
11:45 AM - 11:55 AM	Questions and Answers
11:55 AM - 12:00 PM	Vote of thanks



Indicative courses designed by NITIE under PM Gati Shakti

- 1. Agri-food Supply Chain Management**
- 2. Air Cargo Handling and Management**
- 3. Commercial Aspects of Logistics and Supply Chain Industry**
- 4. Digital Innovations and Technology in Supply Chain Management**
- 5. Digital Supply Chain**
- 6. Healthcare Supply Chain**
- 7. Humanitarian Supply Chain**
- 8. Innovations in Supply Chain**
- 9. Logistics Regulations and Compliances**
- 10. Port Management**
- 11. Retail Supply Chain**
- 12. Supply Chain Finance**
- 13. Sustainable Supply Chain**
- 14. Multimodal Transport Management**
- 15. Transportation and Shipping Logistics Management**
- 16. Warehouse Management**
- 17. E-Commerce Supply chain**
- 18. Transportation Systems and Network Design**