



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
DEPARTMENT OF CIVIL ENGINEERING
ORGANISES
WORKSHOP IN LINE WITH THE NATIONAL MASTER PLAN OF THE PM GATI SHAKTI
ON
“TRANSPORTATION SYSTEM DESIGN”
NOVEMBER 20-24, 2023

TIME- TABLE

Day/ Date	Time	Resource Person	Topics
Monday 20/11/2023	(09:30 am - 12:00 pm)	Dr. Varghese George Professor, Department of Civil Engineering, NITK, Surathkal	Basic Principles of Travel Demand Modeling
	(2:30 am - 5:00 pm)	Dr. Suresha S N Associate Professor, Department of Civil Engineering, NITK, Surathkal	Role of Transportation Systems in Sustainable Development and Overview of Transportation Systems in India
Tuesday 21/11/2023	(09:30 am - 12:00 pm)	Dr. Mithun Mohan Assistant Professor, Department of Civil Engineering, NITK, Surathkal	Trip Generation - Experiment Design and Analysis
	(2:30 am - 5:00 pm)	Dr. Prasanta Sahu Associate Professor, Department of Civil Engineering, Bits Pilani, Hyderabad	Solution Concepts for City Sustainability with Efficient Planning for Freight and Logistics
Wednesday 22/11/2023	(09:30 am - 12:00 pm)	Dr. Mithun Mohan Assistant Professor, Department of Civil Engineering, NITK, Surathkal	Smart Mobility
	(2:30 am - 5:00 pm)	Dr. Prasanta Sahu Associate Professor, Department of Civil Engineering, Bits Pilani, Hyderabad	Modelling freight generation for sustainable transportation infrastructure development



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Day/ Date	Time	Resource Person	Topics
Thursday 23/11/2023	(09:30 am - 12:00 pm)	Dr. Suresha S N Associate Professor, Department of Civil Engineering, NITK, Surathkal	India Ports and Inland Waterways and an overview of Sagarmala
	(2:30 am - 5:00 pm)	Dr. Sreekumar M Assistant Professor, Department of Civil Engineering, NITK, Surathkal	Introduction to Traffic Assignment - This topic covers the basic principles of traffic assignment and various assignment techniques with prime focus on equilibrium traffic assignment.
Friday 24/11/2023	(09:30 am - 12:00 pm)	Dr. Harsha M M Assistant Professor, Department of Civil Engineering, SIT, Tumkur	Intelligent Transportation System (ITS) for sustainable public transit system: Journey and future challenges.
	(2:30 am - 5:00 pm)	Dr. Sreekumar M Assistant Professor, Department of Civil Engineering, NITK, Surathkal	Mode split & Discrete Choice models - This topic covers the fundamentals of mode choice analysis and an overview of discrete choice models (including a demo of NLOGIT software, if possible)

Note: Separate Google meet link for each day's lecture will be sent.

Dr. Raviraj H.M

Workshop Coordinators