

NIT CALICUT

National Institute of Technology Calicut was founded as Regional Engineering College, Calicut, in 1961. Set in a picturesque at the foothills of the Western Ghats, it is located about 22 km north-east of Calicut city. Calicut, also known as Kozhikode, is known as the city of spices. It is a prestigious institute with a reputation for excellence at undergraduate, postgraduate and research levels, fostering the spirit of national integration among the students and close interaction with industry.

CENTRE OF EXCELLENCE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

National Institute of Technology Calicut is partnering with NITIE Mumbai in the initiatives to support the PM Gati Shakti Scheme. As an ambitious initiative, NIT Calicut has launched a Centre of Excellence in Logistics and Supply Chain Management (CoELSCM) to contribute to the realization of the objectives of the PM Gati Shakti scheme. This Centre of Excellence is a multidisciplinary centre that works across various research groups such as Industrial Engineering, Transportation Engineering, Remote Sensing and Geospatial Technology, Construction Management and Cyber Security. Faculty members and their research team will be a part of this Centre. This team will focus on new and emerging technologies with multidisciplinary and translational research relevant to achieving PM Gati Shakti's objectives of improving the supply chain's operational efficiency and minimizing logistics costs. The Centre will initiate steps in disseminating advanced knowledge and promote Digitisation, Analytics, IoT applications, Artificial Intelligence and Machine Learning applications among the practicing professionals in the organizations involved in the logistics sector and will share the best practices.



Centre of Excellence in
Logistics and Supply Chain
Management

PM,
Gati Shakti
National Master Plan for
Multi-Modal Connectivity

Short Term Training Program (STTP)

On

Recent Advances in Freight Transportation



RAFT 2023

17th - 22nd July 2023

One Week Online Program

Co-ordinators

Dr. Munavar Fairouz C
Assistant Professor

Dr. Resmi S R
Assistant Professor

Dr. Nishant M Pawar
Assistant Professor



राष्ट्रीय पौद्योगिकी संस्थान कालिकट
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

OVERVIEW OF THE COURSE

The transportation of goods and materials plays a vital role in the global economy. The challenges and opportunities in freight transport are numerous, and it is important to have a deep understanding of these to effectively navigate the rapidly changing landscape. This short-term training program will provide participants with an overview of the challenges and opportunities facing the freight transport industry. Participants will gain an understanding of the latest trends, technologies, and policies that are driving change in the sector. They will also develop skills and knowledge to help them identify and evaluate opportunities for innovation and growth. The program aims to cover sessions on various domains such as:

- Block chain applications
- Freight generation modeling
- Supply chain digitization
- Multimodal freight network
- Urban textile freight management
- Freight flow prediction using sparse data
- Predictive models for order delivery risk
- Accident costs of freight vehicles
- Impact assessment of freight vehicle emissions
- Freight transportation optimization
- Urban freight policy imperatives
- City logistics and best practices
- ML/AI applications in Freight transportation
- Evolutionary computation in supply chain management



REGISTRATION DETAILS

Registration fee (including 18% GST) for attending one-week online STTP

	National (INR)	International (USD)
Students	750	25
Working Professionals	2000	70

QR code for Fee payment



QR code for registration



UPI ID: COELSCM9447597959@SBI

Registration form link:

<https://tinyurl.com/5bdu2nef>

Last date to register: 7th July 2023

- Evaluation: One online evaluation
- Eligibility for Certificate: 80% attendance and 40% aggregate marks in evaluation. Participation E-certificate will be issued to the registered participants upon the completion of the programme.

RESOURCE PERSONS

The sessions will be handled by eminent faculties from the leading academic and research organizations such as IITs, IIMs, NITs, and NITIE.

WHO CAN ATTEND?

Students, Researchers, Faculty members and Working Professionals at all levels from all disciplines

ADDRESS FOR CORRESPONDENCE

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