



5 DAY ONLINE SKILL DEVELOPMENT WORKSHOP
JUNE 29, 2023 - JULY 03, 2023

GIS BASED WORKSHOP

DISASTER RESPONSIVE HUMANITARIAN LOGISTICS (DREHL) - 2023

Organised by

Centre of Excellence in Logistics and Supply Chain
Management (CoELSCM) &
Department of Architecture and Planning,
NITC

Background

Disasters have always required a quick and a steady response. Kerala, like other States of India, is facing a lot of challenges with respect to climate change and other aspects. During these times of duress, it is required that critical delivery of medicines, resources, and relief material is provided with minimum delays and maintain a steady line of delivery networks. The concept of supply chain is thus integral to the services delivery, and one needs to adopt remote sensing and GIS as a critical tool to manage it. The workshop aims to focus on data-driven decision-making using ML, AI, and deep learning, along with the simulation of real-life crises and support humanitarian logistics under duress and in a post-disaster scenario.

Focus areas

- Supply chain
- Geographic Information System
- Disaster-responsive logistics
- Machine learning
- Critical Delivery

Target Group

- Professionals in GIS and Supply chain field.
- Planning and Engineering faculties.
- Postgraduate and Doctoral students from various AICTE approved colleges/institutions across India.

Topics Covered

- Humanitarian Logistics
- Logistics Planning
- Disaster Responsiveness
- Supply Chain Essentials
- Situation analysis,
- Resources mobilisation
- On-site Assessment
- Networking with Partners
- Data-driven Decision Making
- Remote Sensing and GIS-based applications

Day and Timing

June 29 2023 - 4:30 PM - 9:00 PM
June 30 2023 - 4:30 PM - 9:00 PM
July 01 2023 - 9:00 AM - 5:30 PM
July 02 2023 - 9:00 AM - 5:30 PM
July 03 2023 - 4:30 PM - 8:30 PM

Fee

Professionals:	₹5000 + 18% GST = ₹5900/-
Academicians:	₹5000 + 18% GST = ₹5900/-
Academicians NITC:	₹2000 + 18% GST = ₹2360/-
Students (PhD):	₹3000 + 18% GST = ₹3540/-
Students (PG):	₹1500 + 18% GST = ₹1770/-
Students (UG):	₹1000 + 18% GST = ₹1180/-
Students NITC (PHD):	₹1000 + 18% GST = ₹1180/-
Students NITC (PG/UG):	₹ 500 + 18% GST = ₹ 590/-

Contact

✉ drehl2023@nitc.ac.in

☎ +91 8368108675, Dr. Sanil Kumar
+91 8891000580, Dr. Bimal P

📍 National Institute of Technology Calicut,
NIT Campus P.O. 673601, Kozhikode, India.

Registration and Payment Details

Step 1: For Registration, scan the registration QR code in brochure and fill the form.
Step 2: After completing the registration form, kindly remit the relevant amount using the payment QR Code.



SCAN & REGISTER



SCAN & PAY



Coordinators

Dr. Vinay Panicker
Chairperson, Centre of Excellence
in Logistics and Supply Chain
Management (CoELSCM)

Dr. Bimal P
Assistant Professor
DAP, NIT Calicut

Dr. Sanil Kumar
Assistant Professor
DAP, NIT Calicut

Dr. Devendra K Yadav
Assistant Professor
MED, NIT Calicut

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EXPERT PANEL



Dr. Naseer M. A.

Professor, DAP, NITC.
Remote Sensing and GIS in Urban and Regional
Planning; Transportation Planning



Dr. Vinay V. Panicker

Associate Professor, MED, NITC.
Distribution-allocation problem, Location
routing problem, Sustainable supply chain,
Modeling carbon footprints across the supply



Dr. Chithra K.

Associate Professor, DAP, NITC.
Sustainability Assessment studies (built &
unbuilt), Index generation - city performance,
service efficiency.



Dr. Bimal P.

Assistant Professor, DAP, NITC.
Geospatial Techniques (GIS) and its applications
in planning, Transportation, Simulation and
Modelling, Internet of Things



Dr. Shyni Anilkumar

Assistant Professor, DAP, NITC.
Disaster Management, Vulnerability
assessment of Urban and Rural Settlement,
Settlement Planning



Dr. Devendra K. Yadav

Assistant Professor, MED NITC.
Humanitarian Logistics, Machine Learning,
Operations Management



Dr. Shirish Ravan

Founder, EarthSight Foundation
EarthSight Foundation is dedicated to bring
benefits of space and geospatial technologies to
grassroot stakeholders. Building disaster and
climate resilience, high-level policy advocacy,
technical advisory services, capacity-building
programmes.

He has over 18 years of global work experience in
senior positions at the United Nations Office for
Outer Space Affairs and United Nations Office for
Drugs and Crime and has academic engagement
as the Visiting Professor at the University of
Central Lancashire, UK.



Dr. Amalraj M.

Assistant Professor, DMC, ILDM
Disaster Management, Hazard Vulnerability Risk
Assessment, Disaster Response, Incident
Response System



Dr. Bholanath Mishra

GIS Expert
Odisha State Disaster Management Authority
(OSDMA)



Shri. Prashanta K. Nayak

Capacity Building Expert
Odisha State Disaster Management Authority
(OSDMA)



Dr. Sajin Kumar K. S.

Assistant Professor, Department of Geology,
University of Kerala
Engineering Geology, Planetary Science and
Meteorite Impact Craters



Dr. Binoy B. V.

GIS and Remote Sensing Expert
Kerala Rail Development Corporation Ltd
(KRDCL)



Shri. Atul Kumar

Research Scholar, IIT Roorkee
COP26 Adaptation and Resilience, Urban flood
model, Urban heat island, Blue Green
infrastructure