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. Recently National Institute of Technology Calicut has launched a Centre of Excellence in Logistics and Supply Chain Management (CoELSCM) to support the Logistics Human Resource Development and Capacity Building under the PM Gati Shakti Scheme - a Govt. of India Initiative.

Realizing the need to provide integrated and seamless connectivity for the movement of people, goods and services from one mode of transport to another, the concept of multi-modal connectivity is envisaged under the PM Gati Shakti project by the Govt. of India. This will facilitate infrastructure's last-mile connectivity and reduce travel time for people and freight.

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. CoELSCM focuses 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. For more details about CoELSCM, please connect to https://www.old.nitc.ac.in/coelscm/.

The National Logistics Policy 2022 envisages the idea of 'Logistics Human Resource Development and Capacity building' as one of the requirements for achieving the objectives of PM Gati Shakti. In this context, the CoELSCM is initiating steps in disseminating advanced knowledge and promoting Digitization, Analytics, IoT applications, Artificial Intelligence and Machine Learning applications among the practicing professionals in the organizations involved in the logistics sector.
Multi-Criteria Decision Making (MCDM) methods have seen an incredible amount of use over the last several decades. Its role in different application areas has increased significantly, especially as new methods develop and as old methods improve. Additionally, the decision for selecting an appropriate weighting method is a difficult task in solving a multi-criteria decision problem. The main objectives of this online STTP are to discuss the various MCDM methods including recently developed methods, weighting methods, and their applications in the domain of Logistics and Transportation Engineering. The following methods (not limited to) are planned to be covered in this online STTP.

- Fuzzy Interpretive Structural Modelling (F-ISM) and Total Interpretive Structural Modelling (TISM)
- Best Worst Method (BWM)
- Goal Programming
- Fuzzy Analytical Hierarchy Process (AHP) and Fuzzy Analytical Network Process (ANP)
- Data Envelopment Analysis (DEA)
- Graph Theory and Matrix Approach
- Technique for the Order of Prioritisation by Similarity to Ideal Solution (TOPSIS)
- Fuzzy VIKOR
- Evaluation Based on Distance from Average Solution (EDAS)
- Grey Relational Analysis (GRA)
- Hybrid Fuzzy SWARA and WASPAS approach
- Decision-Making Trial and Evaluation Laboratory (DEMATEL)
- PROMETHEE
- COCOSO

**REGISTRATION FEES**

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<th>Participants (National)</th>
<th>UG Students</th>
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<td>PG/PhD Scholars</td>
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<th>Participants (International)</th>
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Interested participants need to pay the registration fee through online mode to the following QR Code:

**WHO CAN ATTEND?**

UG & PG students, Research Scholars, Faculty Members of the AICTE approved Institutions, Participants from Government Organizations and Industry

**HOW TO APPLY:**

After the payment, interested participants have to complete their registration by filling the following Google form on or before 21 June, 2023.

Registration form: [https://docs.google.com/forms/d/116XrExonZGZZsUv9rvmw4wEgo4BKQUV8Cg6056Xy8k/edit?ts=644513b4](https://docs.google.com/forms/d/116XrExonZGZZsUv9rvmw4wEgo4BKQUV8Cg6056Xy8k/edit?ts=644513b4)

Eligibility criteria for being awarded a certificate in this course are:

1) Minimum 90% attendance.
2) Minimum 50% score in course evaluation.

**IMPORTANT DATES**

Last date for receiving registration: 21 June, 2023
Intimation to the participants: 27 June, 2023
Online course dates: 10 to 15 July, 2023

- **ADDRESS FOR CORRESPONDENCE:**
  - Dr. Sajan T John
    - sajan@nitc.ac.in
    - Contact No: +91-9847334344
  - Dr. Yogeshwar V Navandar
    - navandar@nitc.ac.in
    - Contact No: +91 0495 2286235  
    - +91-7741057366

**OVERVIEW OF THE COURSE**

The sessions will be handled by faculty from IITs, IIMs, NITs and Other Reputed Institutions. Please visit the website of the STTP ([https://sites.google.com/nitc.ac.in/mmlt2023/home](https://sites.google.com/nitc.ac.in/mmlt2023/home)) for all the latest updates.