



**National
Institute of
Technology
Calicut**

**Application Submission
Deadline:
10 AM
30-Oct-2026**



Centre of Excellence in
Logistics and Supply Chain
Management

CENTRE OF EXCELLENCE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT (CoELSCM)

Ph.D. Admissions 2026–27 | Winter Semester

Why Choose Us?



Interdisciplinary Research

Engineering, management & analytics



Emerging Technologies

AI, digital twins & Industry 4.0+



Industry-Relevant Research

Warehousing, freight & maritime logistics



Sustainable Innovation

Efficient, resilient & greener supply chains

**GATE NOT
MANDATORY**

Prospective Research Topics

- Kerala Hydro-Climatic Risk and Transportation Resilience Initiative
- Development of Resilient Road Infrastructure
- Sustainable, Metric-Driven, Adaptive, Resilient, and Technology-Enabled (SMART) Warehouses: Development and Validation of Framework
- Real-Time Supply Chain Visibility in Agro-Logistics
- Integration of Inland Waterways and Coastal Shipping for Sustainable Multimodal Supply Chains with a Focus on Keralam
- Modelling and Analysis of Hinterland Multimodal Logistics
- Port–Hinterland Connectivity and Last-Mile Freight Efficiency: Integrated Planning of Roads, Waterways and Port Operations
- Sustainable and Multimodal Inland Water Transport for Freight and Passenger Logistics: A Kerala Case Study
- Virtual Reality-Based Driver Training and Behaviour Assessment Platform for Commercial Freight Vehicle Drivers
- Emission and Delay Modelling at Freight Gateways (Toll Plazas and Port Gates) for Low-Carbon Logistics
- Digital Twin Applications in Transportation Engineering
- AI/ML Applications in Transportation Engineering
- Last Mile Connectivity and Logistics

Additional Research Areas

- Logistics Management
- Supply Chain Management
- Maritime Logistics
- Operations Management
- Operations Research
- Warehouse Management
- Industry 4.0+
- Remote Sensing and GIS
- Transportation Engineering
- Sustainability in Logistics and Supply Chains



For More Info



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