



**TKM** INSTITUTE OF  
MANAGEMENT



**TKM**



# CERTIFICATE PROGRAM IN **LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

Powered by PRAXIS Experiential Learning Framework  
in collaboration with **Logistics Skill Council**



# PRAXIS MODEL

# PRAXIS

- P** PERSONALIZED LEARNING
- R** REFLECTIVE PRACTICES
- A** ADAPTIVE LEARNING
- X** EXPLORE-EXPLAIN CYCLE
- I** INDUSTRIAL IMMERSION
- S** SYNCHRONISING WITH REAL WORLD



**PRAXIS** is a learning framework that integrates classroom sessions (online and offline) with various assessment components, peer circle learning, group assignments, case reflections, industry-specific projects, and internships.



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# CERTIFICATE PROGRAM IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

*SMART SUPPLY CHAINS, SMARTER PROFESSIONALS*

## Why Logistics and Supply Chain Management?

Logistics and supply chain functions are the backbone of any industry-ranging from manufacturing and retail to healthcare and e-commerce. According to market research, the global logistics market is projected to grow from \$78.74 billion in 2024 to \$187.45 billion by 2032, at a CAGR of 11%. The rapid rise of digital commerce, automation, and global sourcing models has transformed the demand for SCM professionals with strategic, technological, and operational expertise. The commissioning of Vizhinjam International Seaport places Kerala at the heart of India's logistics transformation, unlocking tremendous job opportunities and business potential across southern India. IBEF has projected that the Indian logistics and supply chain sector will add 1 crore jobs by 2027.

**DURATION OF THE PROGRAM : AUGUST 2026 - NOVEMBER 2026**



# LEARNING DIMENSIONS

1.	<b>Build a Strong Foundation:</b> Gain an in-depth understanding of logistics and supply chain management fundamentals.
2.	<b>Enhance Problem Solving Skills:</b> Learn to apply key SCM concepts to tackle real-world challenges.
3.	<b>Master Strategic Tools:</b> Develop the ability to design, manage, and optimize efficient supply chain strategies.
4.	<b>Explore technological Innovations:</b> Understand the role of AI, IoT, Blockchain, and automation in transforming supply chains.
5.	<b>Promote Sustainability:</b> Learn to incorporate green logistics and circular economy principles into supply chain practices.



# LEARNING IMPERATIVES



Comprehend Core Concepts of Logistics and Supply Chain Management



Apply Forecasting, Planning, and Inventory Control Techniques



Design and Optimize Supply Chain Networks



Leverage Technology and Digital Tools in SCM



Promote Sustainability and Risk Mitigation



# HIGHLIGHTS OF THE LEARNING ARCHITECTURE



**Platform :** A dedicated Learning Management System during the course duration is available for the learners



**Interactive Learning:** Practical workshops, case studies, and simulations.



**Cutting Edge Topics:** Focus on the latest trends in supply chain management technologies.



**Industry Engagement:** Guest lectures and panel discussions with professionals.



**Hands-On Application:** Simulations and exercises using tools like Excel, Python, Eviews and AnyLogic.



**Sustainability Focus:** Practical applications of sustainable supply chain practices.



**Capstone Project:** A real-world project to showcase your SCM problem-solving skills.



**Certification:** Jointly issued by TKM Institute of Management and Logistics Sector Skill Council (LSC) of India.



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# WHO CAN ATTEND



Professionals



Managers



Entrepreneurs



Consultants



Students



Analysts



# WHAT YOU WILL LEARN

## TOPICS TO BE COVERED

## ASSIGNED READING / CASE / ACTIVITY

1

History of Logistics: Need for logistics- Logistics Cost, reduction in logistics cost, benefits of efficient Logistics, Principles of Logistics, Technology & Logistics -Informatics, Logistics optimization. Listing of Sub-sectors of Logistics

Group Discussion

2

Global Logistics - Global Supply Chain - Organising for Global Logistics-Strategic Issues in Global Logistics - Forces driving Globalisation

Assignment

3

Obstacles to Supply Chain Success  
Supply Chain Network Design Factors Influencing Design (Cost, Service, Lead Time)

Case Study

4

Forecasting: Meaning -Need -Types of forecasts -Demand Forecasting- Types of Demand Forecasting- -Importance - Demand planning v/s Forecasting-Sources of demand-Supply chain dynamics

Hands On Exercise

5

Sales and Operations Planning- Goals and objectives of S&OP - Collaborative Planning-Types -Collaborative planning, forecasting and replenishment- Cyclic decomposition techniques. Short- term forecasting techniques- Technology Forecasting and Methodologies: Role of Technology Information Forecasting and Assessment Council (TIFAC).

Simulation and Case Study



## TOPICS TO BE COVERED

## ASSIGNED READING / CASE / ACTIVITY

6	Influence of production policy on inventory levels – inventories and customer service level – steps to improve inventory management – optimum inventory – Inventory management uncertainty (fixed order quantity model) - Calculation of safety stocks	Case Study and Numerical Practice
7	Transportation Systems & Multi-modal Transport – Concept of Multi-modal & Intermodal Transport – Introduction to Multi- modal Transport, the difference between Multi-modal and Intermodal transport-Types of Transport Modes – Details and Characteristics of Air, Road, Rail, Water, Pipelines, Package carriers-Need, Aim and Key Issues of Multi-modal Transport	Case Study and Group Activity
8	Warehouse Activities- receiving, sorting, loading, unloading, picking, Packing and dispatch, Quality check-need for quality check-importance of quality check. Procedure to develop Packing list / Dispatch note-Cross-docking method - Situations suited for application of cross-docking -Information required for coordinating cross-docking-Importance of proper packing- Packing materials -Packing machines -Reading labels-	Case Study and Hands-on Exercise
9	Markets and Competition - Financial Issues in Logistics Performance - Integrated Logistics - Need for Integration - Activity Centres in Integrated Logistics. Role of 3PL&4PL	Exercise and Case Study
10	Six Sigma in Logistics - Technology Trends: AI, IoT, Blockchain, Automation - Sustainability, Green Logistics and Circular Economy	Demonstration and Industry Examples.

### 60 HOURS CERTIFICATION PROGRAM IN HYBRID/ONLINE MODE

**Offline/Online Sessions – 15 hours**  
**Online Session – 15 hours**  
**Industry Familiarisation – 10 hours**

**Project Work – 10 hours**  
**Guided Self Learning – 10 hours**



# JOIN THIS PROGRAM IF YOU SEE YOURSELF AS

- **An Aspiring Supply Chain Manager:**  
Ready to master end-to-end logistics and drive efficiency across global networks.
- **An Operations Strategist:**  
Eager to design smarter systems that cut costs, improve service, and boost competitiveness.
- **A Data Driven Planner:**  
Keen to leverage analytics and technology to forecast demand and optimize resources.
- **Aspiring Entrepreneur:**  
Aiming to build scalable, agile businesses powered by robust supply chain models.



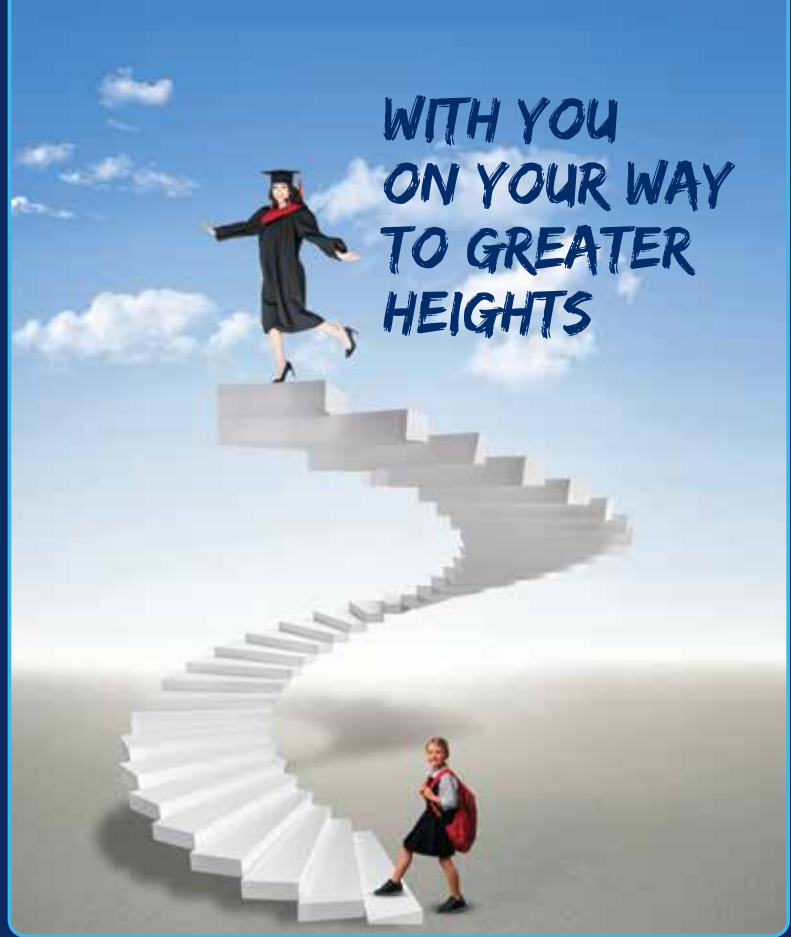
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# TKM COLLEGE TRUST

GROW WITH TKM



TKM College of Engineering - 1958



TKM College of Arts & Science- 1965



TKM Institute of Management- 1995



TKM Centenary Public School- 1997



TKM Higher Secondary School- 2000



TKM School of Information & IT- 2000



TKM School of Architecture- 2014



TKM Institute of Technology- 2002





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## TKM INSTITUTE OF MANAGEMENT

TKM Institute of Management (TIM), located at Musaliar Hills, Ezhukone, near Kollam, is one of Kerala's premier B-schools. For over three decades, TIM has built a distinct reputation in management education through strong academics, industry linkages, placements, research, and community initiatives. Its MBA program, affiliated with the University of Kerala and approved by AICTE, has earned continuous NBA accreditation for three cycles. TIM has consistently nurtured competent professionals who hold key positions in leading organizations across India and abroad. The institute is one among the eight prestigious institutes coming under the Thangal Kunju Musaliar Trust established in the year 1956.

## CENTRE FOR PROFESSIONAL DEVELOPMENT AND CONTINUING STUDIES

The Centre for Professional Development and Continuing Studies at TKM Institute of Management is a vibrant platform for continuous learning, professional excellence, and industry engagement. It offers Faculty and Management Development Programs on emerging topics for professionals across regions, along with certificate programs delivered independently or through collaborations with centres of excellence. By forging MOUs with institutes and professional bodies, it enables joint initiatives of mutual benefit. Its activities—guest lectures, TIM Talks, seminars, workshops, and applied projects—foster industry interaction, skill enhancement, and networking. With expert guidance and strong partnerships, the Centre empowers professionals to thrive in a dynamic world.

**Course Fee: ₹25,000+** (Applicable GST)  
**Early-Bird Offer: ₹18,000+** (Applicable GST)



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