

TALENTEDGE 

Live & Interactive Digital Learning



Professional Certificate Program in
**Supply Chain Strategy
And Management**

From IIM Kozhikode | Batch 3

Program Overview

Supply Chain Management has emerged as one of the key areas of management, promising tremendous opportunities for cost optimization and maximizing customer value. In a competitive marketplace, an organization can achieve a competitive edge by working closely with its business partners. This program focuses on understanding how best to streamline the supply chain so that it can deliver maximum customer value at the lowest possible cost – from delivering the right product in the right quantity, to the right place and at the right time!

This program will focus on understanding and analyzing various managerial levers and apply them to achieve supply chain excellence. The discussions will be focused on end-to-end analysis of supply chains and include issues related to strategy, design, planning & execution, coordination & supply management, as well as issues related to sustainability. It seeks to equip current and budding supply chain managers with tools and concepts to manage and improve supply chains and put them on the path to operational excellence.

This program is intended to help participants

- Understand the complexity and the challenges of managing a global supply chain
- Familiarize participants with the key drivers, obstacles and decision areas
- Discuss how cooperation and collaboration with business partners can deliver value and competitive advantage
- Understand what supply chain coordination means and how it can be achieved
- Enable participants to play with levers and variables, influencing supply chain performance

Program Benefits



Certificate of Completion from IIM Kozhikode

Opportunity to earn a certificate of completion from IIM Kozhikode



Understand the Concepts as well as Applications of Supply Chain

Gain understanding of relevant concepts in supply chain which are becoming increasingly important in the present work environment



Learn about the Best Practices in Supply Chain

Get updated on the contemporary supply chain best practices and apply them in real life business scenarios



Hands-On Analysis of Supply Chain Problems

Use analytics and forecasting models to solve supply chain related problems in real time



Simulations and Case-analysis based Pedagogy

Simulations and case-analysis included in the pedagogy to provide practical insights into real life industry contexts



Qualify for Executive Alumni Status from IIM Kozhikode

Participants successfully completing the program will qualify for Executive Alumni status from IIM Kozhikode



3 Day In-Campus Immersion Module

Campus immersion module providing participants the opportunity to experience the typical high-intensity classroom and soak-in the unique campus environment of one of the most iconic and sustainable management campuses in India, set in the midst of lush green hills and surroundings

Eligibility

- **For Indian Participants** - Graduates (10+2+3) or Diploma Holders (only 10+2+3) from a recognized university (UGC/AICTE/DEC/AIU/State Government) in any discipline
- **For International Participants** - Graduation or equivalent degree from any recognized University or Institution in their respective country
- Minimum of **2 years** of work experience

Who Should Attend

- Managers who want to gain a comprehensive understanding of multiple aspects of new age Supply Chain management
- Supply Chain professionals seeking to learn hands on practical applied competencies in a digitized environment
- Young executives aspiring to enter and grow their careers in the Supply Chain domain
- Working professionals who are keen to understand the execution of SCM in real life business scenarios

Certification

Certificate of Completion for participants successfully passing the evaluation criteria with requisite attendance. Certificate of participation for all the remaining participants who have completed the attendance requirements.



Pedagogy

Participants will be provided with readings and sessions will be a combination of lectures, discussions, simulations, case analysis, and hands-on exercises as required. Peer learning will be a crucial part of the engagement. Participants are encouraged to contextualize the concepts with their respective industry contexts.

All enrolled students will also be provided access to our SLIQ Cloud Campus through which students may access other learning aids, reference materials, assessments, case studies, projects, and assignments as appropriate. Throughout the duration of the course, students will have the flexibility to reach out to the professors, real time during the class or offline via our SLIQ Cloud Campus, to raise questions and clear doubts.

Syllabus

Module 1 – Management Fundamentals

- Microeconomics
- Business Strategy

Module 2 - Supply Chain Strategy

- Introduction to Supply Chain Management
- Supply Chain Structure and Strategic Choice
- Supply Chain Processes and Decisions

Module 3 - Forecasting & Data Analytics (Hands-on Exercises)

- Forecasting Models
- Understanding Demand Variability
- Probability Distributions

Module 4 - Supply Chain Design (Hands-on Exercise)

- Basic Overview of Optimization
- Transportation Problems
- Distribution Network Design

Module 5 - Supply Chain Planning

- Sales and Operations Planning
- Material Requirement Planning
- Capacity Planning and Process Analysis

Module 6 - Supply Chain Coordination

- Managing Product Availability
- Concept of Safety Stock
- Measuring Fill Rate under Demand and Supply Uncertainty
- Risk Pooling
- Quick Response and Postponement Strategy
- Bullwhip Effect and Coordinated Supply Chain
- Double Marginalization
- Multi-Stage Supply Chain

Module 7 - Supplier Relationship Management

- Outsourcing Decisions
- Sourcing, Purchasing at Right Price
- Supplier Relationships and Partnerships
- Vendor Rating
- Types of Contracts
- Procurement Analytics

Module 8 - Sustainable Supply Chains

- Concept of Triple Bottomline
- Green and Collaborative Logistics
- Impact on Supply Chain Decisions

Module 9 – Logistics Management

- Logistics Systems
- Warehousing and Material Handling
- Packaging and Palletization
- Multi Modal strategy

Module 10 – Supply Chain Risk Management

- Understanding Risk in the SC
- Risk Mitigation Strategies

Module 11 – Operations Strategy

- Operational Efficiency
- Business Models & Operations Strategy

3 Day In-Campus Immersion Module

The dates for the 3 day in-campus immersion session to be held at IIM Kozhikode will be communicated in due course. Attendance to the in-campus module, when held, is **MANDATORY** for all participants. The in-campus modules are subjected to the conditions that prevail at the point of time. These conditions pertain to the Pandemic or other unavoidable reasons. In case the current situation maintains the status quo, adequate alternate options with regards to the in-campus modules will be made available via online sessions.

Faculty



Prof. Ashutosh Sarkar

PhD IIT Kharagpur, M. Tech IIT Kharagpur

Prof. Ashutosh Sarkar received his Ph.D. from Indian Institute of Technology Kharagpur and was a Fulbright Visiting Scholar at the Naveen Jindal School of Management, University of Texas. He has extensive experience in executive education and management development programs. His areas of interests include Inventory and Supply Chain Optimization, Application of Stochastic Dynamic Programming in Operations Management Problems, Purchasing and Supply Risk Management. He has received international awards for his research and been cited by the academia extensively. Prof. Sarkar has published in Production and Operations Management (Financial Times list of 50 top management journals), International Journal of Production Economics, Transportation Research: Part E, Journal of Purchasing and Supply Management, Computers & Industrial Engineering etc.



Prof. Arqum Mateen

Fellow IIM C, PGDM IMT Ghaziabad

Prof. Arqum Mateen is a Fellow (Ph.D.) of Indian Institute of Management Calcutta, where he was the recipient of Satish K. Sehgal Doctoral Student Award for Scholarship and Organizational Citizenship. He has worked in energy, information technology, and pharmaceutical industries. He has trained managers and senior executives from some of the most reputed Indian and international companies, including several Fortune 500 companies. His research, teaching and training interests include understanding business models, the role of technology in business and supply chains, strategic role of operations and marketing in establishing sustainable competitive advantage, as well as capability development in organizations and value chains. He has published several, presented papers in many international conferences, and his multiple award-winning research has been published by many reputed international journals like Decision Support Systems, Decision Sciences, Marketing Intelligence and Planning, International Journal of Production Research etc.

Assessment

Evaluation methodology is the discretion of the faculty. The methodology includes online exams, case analysis, class contribution and any other component as decided by the faculty. A minimum of 75% attendance is a prerequisite for the successful completion of this program. The program may require participants to work on individual/group assignments and/or projects. The main objective of such assignments/projects will be to help the participants apply their conceptual learning in the program to actual organizational decision scenarios. The participants will have to secure the minimum pass marks in the respective evaluation components.

Participants who successfully complete the same and satisfy the requisite attendance criteria, will be awarded a certificate of completion. Participants who are unable to clear the evaluation criteria but have the requisite attendance, will be awarded a Participation certificate.

Program Details

- Program Commencement: 23 April 2021
- Schedule of Classes: Tuesdays and Fridays from 07.30 p.m. to 09.00 p.m. IST (1.5 Hours)
- Duration: 12 months

PROGRAM FEE

- For Indian Residents: INR 1,70,000 + GST
- For International Residents: USD 3600
(instalment options available)

For More Details

Visit: www.talentedge.com

Write to: enquiry.dtd@talentedge.in

Call: +91 - 9873022020

