



PROFESSIONAL CERTIFICATE PROGRAM IN

SUPPLY CHAIN STRATEGY AND MANAGEMENT

From IIM Kozhikode | Batch 6



भारतीय प्रबंध संस्थान कोषिकोड
Indian Institute of Management Kozhikode
Globalizing Indian Thought

TALENTEDGE

The IIM Kozhikode Advantage

From the Director's Desk...

IIM Kozhikode programmes designed by world-class faculty with their cutting-edge thought leadership and industry-leading insights empower participants to manage and lead complex business challenges with confidence and informed decision-making ability. Our growing global footprints acknowledged and accredited by leading institutions of the world are a testimony to growth we have achieved in nearly 27-year journey of academic excellence.

At this juncture, it is also pertinent to share that both future and past are integral to the path taken by an institution on this journey of excellence. Having a wide, far-seeing vision is not an indulgence but an activity that is necessary to give meaning to our present, to give this Institution a sense of purpose, direction and imagination. That is why we have chosen to think in terms of what IIM Kozhikode will be able to contribute to India and the world some three decades from now with 'Vision 2047: Globalizing Indian Thought'. The sheer scale, scope and potential impact that India will have on 21st century business makes us believe that this is a legitimate aspiration.

For candidates, 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. In today's age and time, it is of paramount importance to understand 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! The SCSM programme has thus been designed keeping the above objectives in mind.

Wishing you all the very best!



Debashis Chatterjee

Prof. Debashis Chatterjee,
Director IIM Kozhikode



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



Work on a Capstone Project

Opportunity to work on a Capstone Project that requires assimilation and application of learnings through the course of the program

Eligibility

- For Indian Participants - Graduates (10+2+3) or Diploma Holders (only 10+2+3) from recognized university (UGC/ACTE/DEC/AIU/ State Government) in any discipline with minimum marks in First Division/Class
- 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

Capstone Project

The capstone project is an integral part of the successful program completion and will run throughout the program duration. This project will enable a deep understanding of the subject matter and foster the practical application of the program learning in real-world business scenarios.

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.

About IIM Kozhikode



भारतीय प्रबंध संस्थान कोषिकोड
Indian Institute of Management Kozhikode
Globalizing Indian Thought

Started in 1997 with its Postgraduate Programme (PGP), the Indian Institute of Management Kozhikode (IIMK) is on a high growth trajectory today, offering the widest range of academic programs in the field of management education. These include Doctoral Programme in Management, Executive PG Programmes, Management Development Programmes, and Faculty Development Programs. IIMK set up a Satellite campus at Infopark, Kochi, in 2013 dedicated to Executive Education. IIMK has also the unique distinction of launching a Ph.D. (Practice Track) programme for working professionals besides bringing in new dynamic courses in Women Leadership, a one-year Post Graduate programme in Business Leadership (2019) MBA in Finance and MBA in Liberal Studies & Management (2020).

The institute is also home to IIMK LIVE, a first-of-its-kind startup incubation programme, and the Indian Business Museum. IIMK is ranked 4th as per the latest NIRF India Rankings 2021: Management. The institute also made its global debut for its flagship MBA (101+ globally, 7+ in Asia) and EMBA programme (101+ globally, 15+ in Asia) in the 2020/21 QS World University Rankings. It is also ranked No.2 in the CFIs (non-Technical) category in the Atal Innovation Rankings (ARIIA 2021) rankings released recently by the Ministry of Education, Govt. of India.

IIM Kozhikode is globally accredited by EQUIS (EFMD) and AMBA (UK).



IIM Kozhikode aims to create a unique and futuristic space of global reckoning so as to nurture the finest management thinkers in the pursuit of developing innovative, socially responsible, and environmentally friendly practitioners, leaders, and educators. Strategically moving towards a better future, the Institute strives to provide holistic learning, giving equal weightage to academic solidarity and practical application. IIM Kozhikode integrates concepts with applications and values, thus transforming individuals into dependable, capable, caring, and fair-minded personalities who will contribute towards the development of communities.

About Talentedge

TALENTEDGE

Talentedge is an Ed-Tech firm. We are the first to bring 'Live & Interactive' anywhere learning in digital format. Jointly with world's leading institutes and corporates, we offer courses to working professionals, enabling them to plan their future course of action and fast track their careers. We also partner with top Indian & International institutes including IIMs, XLRI, MICA, Jack Welch Management Institute (JWMI), London School of Business & Finance (LSBF) and also with top corporate names like Society of Human Resource Management (SHRM) and others. Our ability to re-create classroom-type interactions in the virtual world has struck a chord with over 4,50,000 individuals and corporate learners. By bringing eminent subject experts into online education, we initiate industry relevant learning. We are also one of the first Ed-Tech organizations to be credited with an ISO 9001:2008 certification.

Program Details

- Program Commencement : **19 September 2023**
- 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 1,80,000 + GST**
- For International Residents: **USD 3600**
(instalment options available)

For More Details

Visit: www.talentedge.com

Write to: contact@talentedge.com

Call: +91 - 8376000600