

TWO YEAR POST GRADUATE PROGRAMME IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Introduction

Two Year Post Graduate Programme in LSCM is an interdisciplinary programme which builds upon the concepts and practices of management in logistics and supply chain activities.

The current global and competitive economic environment requires enterprises and organizations to become more efficient, faster and more productive. Logistics and the supply chain is a driver of the flow of goods and information from the supplier to the final customer. They are decisive for achieving a greater degree of efficiency and immediacy in the provision of a service or in making a product competitive on the market. Companies need in their areas of operations multifaceted professionals, who are skilled with the most advanced management techniques, who are able to control the information technology systems and who know how to detect new business niches, and even open new markets if necessary.

The logistics and supply chain play an increasingly key role in the entire business process. The decisions concerning the supply chain management can crucially affect the success or failure of a business. Supply chain management in the industry can play a critical role in improving coordination and collaboration among stakeholders while ensuring quality and profitability of a business and result in enhanced value to the customer. Managers in the logistics and supply chain management sector of the industry ensure that all products and services reach the end users in time and also manage with the operations related to the supply of products that the organizations deal with.

Digital technologies can provide data related to materials, equipment, and milestones while coordinating the schedules of the various parties. It can also assist in collating inventory details across all parties and enable real-time decision-making based on the data. These endeavour aims to develop a holistic approach to transform the management of supply chains.

NICMAR is non-profit organization established in 1987 with United Nations Development Programme (UNDP) and International Labour Organisation (ILO) technical assistance procured for NICMAR by the Government of India.

Objectives

The objective of the programme is to impart knowledge and train young graduates from multi-disciplinary fields and develop them into competent professionals who can potentially manage the logistics and supply chain operations of large-scale operations. The programme intends to develop the competency to oversee and manage every stage of the project from sourcing the raw materials to its final delivery. The course intends to meet these objectives by

- Sensitizing the students on the increasing significance of logistics and its impact on both costs and delivery in projects.

- Enabling students to learn the critical elements of logistics and supply-chain management processes.
- Developing awareness on the standards to achieve improved business performance by integrating and optimizing the total logistics and supply-chain processes.
- Imparting knowledge and training students on the latest IT enabled processes, E-procurement systems that are driving the change in logistics and supply chain.
- Introducing the students on the multi-faceted types of supply chain contracts and expose students to processes involved in developing and negotiating risk-factored supply chain contracts
- Introducing the student's various optimization methodologies viz., lean in optimizing the procurement, minimizing inventories in projects and concepts of circular supply chain management.

Programme Highlights

The LSCM programme is a Two-year programme, spread over four semesters. The programme combines the theory with computer workshops that are carefully designed to ensure the balance between concepts and practical training.

The first term introduces the concepts required for logistics, supply chain management, role and importance of supply chain in the industry, construction economics, procurement strategies and supply chain contracts along with workshops to enhance the IT and managerial skills.

The second term builds on the fundamentals with topics on designing supply chains, inventory management, technologies of logistics and supply chain, managing and controlling cost, legal aspects relating to supply chain management along with advanced computer / IT workshop.

The third term imparts and trains on advanced topics of strategically managing supply chains, managing international logistics, application of concepts of sustainability in supply chain, managing warehousing and freight operations, and risk management.

The fourth term focused on major project with some elective subjects. Every student will be required to carry project work on a practical problem relevant to supply chain business so as to bridge gap between theory and practice.

Duration and Organisation

The programme duration is of two years and is organised into 4 semesters of 18 -21 weeks each.

Eligibility

Regular bachelor's degree in Engineering/ Information Technology/ Computer Science/ Architecture/ Planning/ Management/ Economics/ Mathematics/ Statistics/ Agriculture with minimum 50% aggregate marks from a recognised Institution / University.