

Online PG Certificate Programme–AICTE Approved

 **JANUARY 2027**

POST GRADUATE CERTIFICATE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT



AICTE Approved,
Certified by
Government of India

WITH SPECIALIZATION IN ANY ONE



**PHARMACEUTICAL
SUPPLY CHAIN
MANAGEMENT**



**MEDICAL DEVICE
SUPPLY CHAIN
MANAGEMENT**



Overview

The **Online Post Graduate Certificates in Logistics and Supply Chain Management (with specializations)** is designed to equip students & professionals with the essential knowledge and practical skills needed for a career in **Logistics and Supply Chain Industry**. The programme addresses the growing need for specialized professionals who can navigate the complex, regulated, and critical nature of healthcare logistics and supply chain management.

Logistics and Supply Chain Management is vital for timely, efficient, and safe delivery of medical products—pharmaceuticals, vaccines and medical devices to hospitals & health care institutions. Last mile delivery of healthcare products are important for positive health outcomes in patients. The programme addresses healthcare industry's demands for skilled professionals. At the end of the programme the graduates will be able to contribute in optimizing healthcare operations, reducing costs, and improving patient outcomes.

Learning Objectives

The programme provides an opportunity for the students to **Specialize** in one of the following areas: **Pharmaceutical Supply Chain Management, or Medical Device Supply Chain Management**. The students will conduct a Capstone project or independent research and present the findings in their chosen area of specialization through a dissertation.

Course Outcomes

1. Understand the foundational concepts and components of healthcare supply chain & logistics.
2. Apply scientific inventory control techniques and procurement strategies to optimize stock levels and reduce costs in healthcare setting.
3. Analyze the impact of laws and regulations on the healthcare supply chain identifying potential compliance risks and solutions.
4. Evaluate the effectiveness of supply chain through information systems and data analytics tools for improving operational efficiency and decision-making.
5. Design a secure and efficient warehousing and transportation network for a specific healthcare product.
6. Synthesize knowledge to formulate and defend a strategic solution within their chosen area of specialization (e.g., Pharmaceutical supply chain management, medical device management)

Programme Structure

Semester 1 (6 months)	Fundamentals of Healthcare Supply Chain Management (Online)	22 weeks
	Contact Class & Examinations (Physical Mode)	1 week
Semester 2 (6 months)	Specialized Courses Elective (Online) • Pharmaceutical Supply Chain Management • Comprehensive Vaccine Management • Medical Device Supply Chain Management	18 weeks
	Dissertation	4 weeks
	Contact Class & Examinations	1 week

Semester 1 : Fundamentals of Healthcare Supply Chain Management

- 1. Healthcare Supply Chain Management Overview:** Introduces the structure and critical functions of the healthcare supply chain.
- 2. Laws and Regulations:** Provides an overview of legal and compliance framework that governs the healthcare supply chain.
- 3. Planning and Sourcing:** Provides insights in the strategic process of forecasting demand and vendor relationship.
- 4. International Business:** Explains international sourcing and business ethical considerations in acquiring healthcare supplies.
- 5. Scientific Inventory Control:** Provides scientific knowledge in optimizing inventories and maintain stocks to prevent shortages and reduce costs.
- 6. Warehousing and Transportation:** Discusses the logistics of storing and moving medical products with a focus on safety and security.
- 7. Financial Management:** Explains budgets and costs analysis within the supply chain.
- 8. Network Design:** Provides insights in network design through strategic layout and optimization of distribution channels.
- 9. Supply Chain Information Systems and Data Analytics:** Describes the role of technology and data in improving supply chain performance.
- 10. Quality, Safety, and Risk Management:** Highlights strategies for ensuring healthcare product quality, patient safety, and mitigating risks.

Semester 2 : Specialised Courses Elective

- Pharmaceutical Supply Chain Management:** The specialization focuses on the management of pharmaceutical supply chains. It includes subjects on business processes, retail pharmacy operations, managing pharmaceutical stocks and controlled substances, ensuring safety and traceability to comply with strict industry regulations.

- **Medical Device Supply Chain Management:** The specialization explores the logistics of low to high-value and often complex medical device supply chains. The course covers regulatory compliance for devices, managing product recalls, and handling the specific requirements for maintenance and servicing.

Course List

Module 1	Introduction to the Health System
Module 2	Planning and Sourcing in Supply Chain
Module 3	Governance , Law and Ethics
Module 4	Procurement
Module 5	Supply Chain in Healthcare Inventory Management
Module 6	Designing Supply Chain, Warehousing and Transportation
Module 7	Cross Sectional Areas-Marketing
Module 8	Digital Supply Chain Management and Analytics
Module 9	Quality control and benchmarking
Module 10	Financial and Pricing in Supply Chain Management

Fee Structure

Program	Post Graduate in Logistics and Supply Chain Management
Institution	IIHMR Delhi
Program Fee	Rs. 50,000
Payment Plan	• Single instalment of ₹50,000 • The fee should be payable after the offer letter is provided.
Ideal For	Professionals seeking to enhance skills in logistics and supply chain management
Academic Bank of Credits	Register for 54 Academic Bank of Credits as per UGC guidelines.

For Any Queries/Information Contact:

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