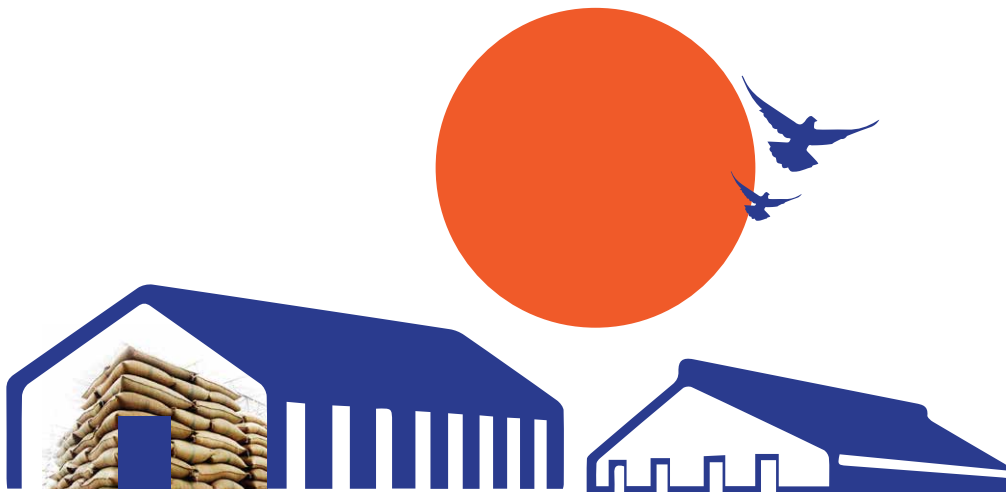


**E-LEARNING**

**CERTIFICATE PROGRAM IN**

# **Commodity Warehousing Management**



# Contents

---

01.	About the Course	01
02.	Who should take this Course?	02
03.	Learning Mode	03
04.	Fee Structure	03
05.	Examination	04
06.	Course Content	05
07.	About NISM	07

# About the Course

---

Over a while, India's warehousing industry has evolved from brick-and-mortar shelters to sophisticated stockrooms with integrated technology. Thanks to the application of advanced technologies and tools, each unit of a commodity stored can be tracked on a real-time basis at the click of a button. While this has improved the trust of the agricultural value chain players, a large chunk of commodities is predominantly stored in an unorganised manner. The shift from the traditional means of storing grains to a scientifically managed warehouse has become a necessity rather than a choice. Organised warehousing service providers are increasingly integrating with several other modern value chain functions and players, such as food processing, organised retailers, and international traders. The regulated warehousing backed by repositories also enables the last mile to connect to the world of finance.

The latest estimates by industry analysts indicate that the warehousing industry is expected to grow at a CAGR of 8 per cent. Consequently, organised warehousing (Agriculture and Non-agriculture) is expected to call for more trained and equipped human resources to successfully connect their services in the front with the value chain players and at the backend with the regulators and the financial sector. The proposed **e-Learning - Certificate Program in Commodity Warehousing Management [CPWM]** offered by NISM is expected to support the rapid growth of the industry and its efforts to connect commodities to the financial sector. CPWM is an integrated eLearning program that will fulfil the training needs to handle the modern warehousing sector's functional complexities, operational challenges and compliance needs. It is a unique program that attempts to provide the nuances involved in handling all warehousing functions, from basic operations to the application of newer technologies, management of workforce, cost-effective financing of commodities, regulatory compliances, and services such as grading and packing. The unique feature of this program is that it has lectures brought to you by industry experts with extensive experience.



# Who should take this Course?

---

This program is suitable for fresh Agriculture Graduates, Science and other Graduates who aim to participate in the rapidly evolving warehousing sector.

This program will also be helpful for Individuals with an entrepreneurial bent of mind aspiring to provide commercial commodity-warehousing services to the supply chain stakeholders. The knowledge of Warehouse Management, Warehousing Finance and HR Management will help them manage warehousing as an efficient enterprise.

This program will be useful for professionals with at least one year of experience in the warehousing industry/vaults/cold storage/Logistics industry/ clearing corporations of the exchanges to obtain professional knowledge of warehouse management. It will help them hone their skills in risk management in commodity storage and enable them to set up cost-efficient compliance regimes leveraging the latest technological advances and their applicability to the field of scientific warehousing and compliance management.

Professionals working as managers in Farmer Producers Organizations also providing warehousing facilities would find it helpful in connecting the warehoused commodities and hence their member stakeholders to the financial sector. It will help all the professionals connect the warehousing services to the regulated warehousing industry with best practices in all warehousing functions creating commercial value besides winning the trust of all the stakeholders ranging from farmers and producers to the financiers of the stored commodities. This program aims to train the participants with the best practices in the warehousing management industry besides making warehousing a commercial and an economically viable activity contributing to the overall development of the commodity value chain at the time when the country is aspiring itself to become a manufacturing hub and a part of the indo-pacific supply chain.



# Learning Mode

The Course is designed in an e-Learning mode, and the working executives can complete these 55 hours of learning at their own pace after successfully passing each session. Access to e-books and Video Sessions will be valid for six months from the registration date.

## Details of the study materials:

The study material would be provided to the candidates in the e-book format after registering for the program.

Book - 1	Warehousing Industry Ecosystem and Evolution - An Overview
Book - 2	Commodities, Markets, Warehousing and Assaying
Book - 3	Warehousing - Operations, Finance, Risk and Audit Controls
Book - 4	Legal & Institutional Significance in Warehousing (Human relations and ethics)
Book - 5	Modern Technological Interventions and Future of Warehousing, Industry

The e-books would act as the guiding tool for the registered candidates.

# Fee Structure

The e-Learning - Certificate Program in Commodity Warehousing Management [CPWM] provides two options to the candidates. The options are:

## 1. Certificate of Participation in the Program:

The registered candidate would have access to the recorded sessions and the online study material for all five modules. All the modules and the sessions should be accessed in a specific sequence as detailed in the course content.

**Once all the sessions are completed, the candidate will receive the certificate of participation.**

The fee structure for the certificate of participation is detailed as under:

Fee Type	Participant Type	Fee (Per Candidate) in ₹*
Program Fee	Individual	8000
	Corporate**	6000
Early Bird (Discount of 25% applicable till 31st March 2023)	Individual	6000
	Corporate**	4500

\*All fees mentioned are exclusive of applied taxes.

\*\* Corporate fee applicable only if the number of participants are more than 10.

## 2. To get the Certificate of a “Certified Commodity Warehousing Professional”:

All the candidates who register and complete the video sessions will get the participation certificate. However, candidates who are desirous of getting the Certificate of a “Certified Commodity Warehousing Professional”, apart from registering for the Certificate of Participation, they would have to register for the Final Examination by paying a non-refundable fee of ₹ 1000 (plus applicable Taxes). Once the candidate clears the exam, the certificate of Certified Commodity Warehousing Professional will be awarded. If the candidate fails to clear the exam, they would have to re-register for the Final Examination by paying an additional non-refundable Final Examination fee of ₹ 1000 (plus applicable Taxes). Maximum number of attempts allowed would be three.

### Extension Fee:

If the candidate is not able to complete the Certificate program in the given 6 month’s time, he /she can seek extended access to the Video Sessions and E-Books for additional 3 months on payment of ₹ 1600. Maximum number of Extension allowed would be one.

**Note:** The candidates would not be allowed to appear for the final examination after the end of the period of 1<sup>st</sup> extension.

# Examination

---

The e Learning - Certificate Program in Commodity Warehousing Management [CPWM] consist of 68 sessions divided into five modules. After each session, there would be three Multiple Choice Questions. On a successful attempt to get two of the three questions correct, the candidate would be allowed to go to the next session, and the same would be continued until the last lecture.

After completing the course modules, the candidates desirous of becoming a 'Certified Commodity Warehousing Management Professional' must appear for a remote proctored examination. The examination will be multiple choice based, consisting of 100 questions and 2 hours duration. There will be no negative marking. The weightage of modules in the Final Examination will be as follows:

Modules		Percentage
Module - 1	Warehousing Industry Ecosystem and Evolution - An Overview	10
Module - 2	Commodities, Markets, Warehousing and Assaying	25
Module - 3	Warehousing - Operations, Finance, Risk and Audit Controls	35
Module - 4	Legal & Institutional Significance in Warehousing (Human relations and ethics)	20
Module - 5	Modern Technological Interventions and Future of Warehousing, Industry	10

The Final Examination would be held 4 times a year in the months of March, June, September and December, the exact date and schedule of which would be communicated to the candidates via Email after they complete the registration for the exam.

# Course Content

The Course is designed in an e-Learning mode, and the working executives can complete these 55 hours of learning at their own pace after successfully passing each session. Access to e-books and Video Sessions will be valid for six months from the registration date.

## Details of the study materials

The study material would be provided to the candidates in the e-book format after registering for the program.

Modules	Particulars of the Module
1	<p><b>Warehousing Industry Ecosystem and Evolution – A Overview</b></p> <p>This introductory module highlights the importance of the warehousing industry in the country and examines its role in the marketing of commodities. It examines the origin and evolution of the warehousing industry in India and the World, besides introducing the ecosystem of various commodities.</p>
2	<p><b>Commodities, Markets, Warehousing and Assaying</b></p> <p>This section provides a detailed profile of significant commodities concerning commodity trading and warehousing. It also includes the significance of the quality testing of commodities and essential quality parameters affecting the storability and valuation of the commodities. An introduction has been made to commodity futures, trading &amp; surveillance in commodity exchange and the different approaches to analysing commodity prices.</p>
3	<p><b>Warehousing – Operations, Finance, Risk and Audit Controls</b></p> <p>This is the most critical module that deals with warehouse operation, risk management and other associated functions. It details the different Standard Operating Procedures being applied at different operations levels. It highlights the details of collateral finance and structured trade finance, considered the alternate source of finance for various commodity value-chain players. This module also highlights the importance and process of implementation of audit functions. This section also deals with the type of insurance required in the commodity warehousing industry and details the dos and don'ts to be followed for successful claim settlement in case stored commodities are lost.</p>



4	<p><b>Legal &amp; Institutional Significance in Warehousing (Human relations and ethics)</b></p> <p>This module deals with the various aspects of human resource management and the critical government and private entities associated with the commodity warehousing industry. On the human resource management side, we have specific sessions on conflict management, stress management, the process of motivation and activities taken up by the HR team to ensure that the employees of the organisation work in the best possible environment. This module also deals with the role of regulators of the warehousing industry and the importance of Repositories in warehouse receipt financing. This module also details the functioning of the organisations such as FCI, NAFED, NABL, FSSAI and other electronic platforms related closely to the commodity-warehousing ecosystem.</p>
5	<p><b>Modern Technological Interventions and Future of Warehousing, Industry</b></p> <p>This module highlights the application of the new edge technology in commodity warehousing. It details how the technology-enabled warehousing management system would bring cost and time efficiency to various storage-related operations. This module details the application of Artificial Intelligence and Image Sensing in quality testing of various commodities and introduces the application of Blockchain technologies and the Internet of Things (IoT) to bring efficiency into its operations and make storage a cost-efficient activity.</p>





# About the Institute

---

In the budget speech of February 2005, the Honourable Union Finance Minister announced that the Securities and Exchange Board of India (SEBI) should establish an institute to undertake securities markets education and research. In pursuance of this mandate, SEBI established the National Institute of Securities Markets (NISM), in 2006, as a public trust under the Bombay Public Trusts Act, 1950.

The mission for NISM is to add to market quality through educational and research initiatives that would support, enable and expedite an entire gamut of high quality knowledge services in the securities industry. NISM carries out a wide range of capacity building activities at various levels aimed at enhancing the quality standards of and increasing the participation in the securities markets.

# Admission Helpdesk

 +91-2192-668492/93 |  [ELEARNING@NISM.AC.IN](mailto:ELEARNING@NISM.AC.IN)

