

# **PORT & TERMINAL MANAGEMENT**



## WHO IS THIS FOR?

*This course would provide at most value for*

- All new entrants who wish to take up commercial shipping and related logistics as a career
- People those who are Target Participants already working in shipping or related logistics sectors



## COURSE OBJECTIVE

- To ensure a thorough knowledge and understanding of port and terminal management
- To make students qualified and trained professionals as the country is looking forward to develop more ports of the east and west coast in India
- To make the student understand and handle critical situation scientifically.
- To learn about entire cargo work related to landing and distributing of ship as strict discipline diligence care & planning will have executed





# PROGRAM HIGHLIGHTS

***On successful completion of the programme, students will have a good understanding of***

- To understand the role of ports in international trade and transport
- To understand the special requirements of unitised liner cargoes
- To understand the basic rationale of port business
- To understand the prime importance of avoiding traffic and cargo congestion
- To be aware of the various regulatory mechanisms including user appeals against charges
- To be aware of laws and regulations relating to the employment of dockworkers
- To understand flow analysis of cargo in a terminal and environmental factors and constraints
- To understand the need for a corporate analysis of financial data and for budgetary planning and control
- To understand the different cargo-handling equipment, types, their costs and the need for maintenance management.

## Eligibility

A bachelor's degree from a recognised Indian University or students pursuing graduation



## Pre-requisites

- Basic understanding on Indian Banking Sector.
- Academic background relevant to

## Duration

250 Hours of Theory and 6 Months of Training in Banks and other NBFC's.



## Validity

Students will have to complete the programme within 90 days after registering for the course.

# PEDAGOGY

- The students will be required to submit their Curriculum Vitae (CV) for evaluation.
- The students will be selected based on their performance in the interview process.
- The Primary method of instruction will be through Online Video Classes.
- Participants can access the courses via Desktop / Laptop / Smart phone.
- The lectures and content are created by Financial Market Experts, Eminent Trainers & Well known Academician who are quiet experienced.
- This programme is a Compilation of Video Lectures, Mock Tests, Examination and interactive training

## ABOUT INFAC

INFAC is a strategic initiative and has been set up to cater the manpower requirements and upskilling of the exponentially growing Finance sector in India. It has been significantly contributing to the BFSI sector, INFAC is also in process of training existing BFSI professionals.

## Our Vision

The BFSI Industry is backed up by a huge wealth of diversity and almost every vacancy created in a bank incorporates some sort of banking element such as law, accounting, investment banking, taxes, public relations, customer relationship management, etc. Moreover, a career in banking is international in nature and several of international and private banks set up in the country have opened up opportunities for the deserving candidates. Infact Pro Trainers will stand here as a bridge enabling the candidates to fulfil their dreams in the BFSI sector also upskilling the capabilities of the existing workforce.

# SYLLABUS

## **1. Introduction**

- a. Introduction to shipping
- b. Logistics Role in the Economy/Organization
- c. Logistics and Customer Service
- d. Logistics and supply chain management
- e. Five P's and 7 R's of Logistics Management
- f. Modes of Transportation
- h. World Sea Routes
- I. Major And Minor Ports In India

## **2. Logistics Services**

- a. Containerisation
- b. Ocean Freight Rates -Ocean Freight Calculation
- c. ICD, CONCOR, CFS - Functions
- d. Customs Brokers
- e. Freight Forwarders and Consolidators
- f. Shipping Agents
- g. Stevedorers
- h. Documentation

## **3. Port Operations:**

- a. Ports and Harbours
- b. Port Limits, EZ, customs frontier
- c. Tidal variations, Natural Harbour, Artificial harbour, Warm water port, All weather port.
- d. Breakwater, out/ anchorage, port conservancy by dredging for deep berth
- e. Different types of Berths
- f. Port charges
- g. Cargo related charges
- h. Role of TAMP

## **4. Container Terminals**

- 1. Facilities in a terminals
- 2. Privatisation of terminals
- 3. Import/export cycle of terminal
- 4. Last minute connectivity



## **5. Cargo Work:**

- a. Different types of Cargo
- b. Different types of Packaging
- c. Broken stowage
- d. Angle of Repose and Bulk cargo
- e. Proper and improper storage
- f. Stowage factor and grain/bale capacity
- g. 3. Broken Stowage and its importance
- h. 4. Maintenance trim and balance

## **6. The Stevedore**

- a. Importance of Stevedore
- b. Knowledge of Stevedore
- c. Coordination of Loading and Discharging
- d. Selecting the right equipment
- e. Right workforce

## **7. Ship**

- a. Displacement, Standard displacement
- b. DWT, GRT, NRT, Lightship, LOA, BEAM
- c. Cargo Calculation based on stowage factor
- d. Broken stowage
- e. Reason for broken stowage and financial loss

## **8. Cargo**

- a. Bulk cargo and its nature
- b. Moisture content, maximum moisture limit
- c. Spontaneous combustion of coal cargo and MSDA certification
- d. Working of project cargo
- e. Gear safety and certification

## **9. Essentials of Logistics**

- a. Applications of information Technology
- b. Inventory Control
- c. Decision Making
- d. Statistics of Service
- e. Technical aspects of Shipping
- f. Simulation Analysis



**INFAC**  
Pro Trainers (OPC) Pvt Ltd

# Thank You

## Contact Details

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