

## **Sixteen-Hour Ships and Port Management Workshop**

### **Day 1: Introduction to Ships and Port Management**

#### **Session 1: Overview of Ships and Port Management (2 hours)**

- Introduction to Maritime Industry
- Importance of Ships and Ports in Global Trade
- Key Components of Port Management

#### **Session 2: Types of Ships and Their Functions (2 hours)**

- Overview of Different Types of Ships
- Functions and Characteristics of Cargo, Passenger, and Specialized Vessels
- Understanding Ship Design and Construction

#### **Session 3: Port Operations and Logistics (2 hours)**

- Port Operations: Loading, Unloading, and Storage
- Port Logistics and Supply Chain Management
- Handling Cargo and Containerization in Ports

#### **Session 4: Maritime Law and Regulations (2 hours)**

- Overview of Maritime Law and Regulations
- International Maritime Organization (IMO) Regulations
- Compliance and Safety Standards in Maritime Operations

### **Day 2: Advanced Topics in Ships and Port Management**

#### **Session 5: Port Security and Safety (2 hours)**

- Importance of Port Security Measures
- Implementing Security Protocols and Procedures
- Ensuring Safety of Personnel and Cargo in Ports

#### **Session 6: Environmental Management in Ports (2 hours)**

- Environmental Impact of Port Operations
- Implementing Sustainable Practices in Port Management
- Managing Pollution and Waste in Port Areas

#### **Session 7: Port Infrastructure and Development (2 hours)**

- Planning and Developing Port Infrastructure
- Expansion and Modernization of Port Facilities
- Port Connectivity and Integration with Transport Networks

### **Session 8: Technology and Innovation in Port Management (2 hours)**

- Role of Technology in Port Operations
- Implementing Port Management Systems (PMS)
- Innovations in Port Efficiency and Automation

Throughout the workshop, interactive discussions, case studies, and site visits (if applicable) will be used to engage participants and reinforce key concepts. Participants will leave with a comprehensive understanding of ships and port management principles and practical strategies for effective management of maritime operations.