

Course Objectives:

1. To introduce the basics of port management
2. To understand the basics of cruise management
3. To study the maritime legislation and contemporary issues in cruise operations
4. To expose the students to port stakeholders and associated agencies
5. Understand Port construction and phases of port development
6. To understand the geography of cruise destinations.
7. To develop knowledge on relationship between cruise operation and climate change

Course Outcomes:

- CO1:** Students gain knowledge on elements of port and cruise management
CO2: Gain knowledge on functions and facilities of port
CO3: Gain knowledge on Port operations
CO4: Study port development phases and growth of world trade
CO5: Understand various maritime issues and legislations.
CO6: Gain knowledge on popular cruise routes and destinations
CO7: Study the impacts on climate on cruise and ship operations.

Pedagogy: Lectures, seminars, group discussion, presentations, implant training

Unit – I Port Structure and Functions - Definition - Types and Layout of the Ports – Organizational structure - Main functions and features of ports: Infrastructure and connectivity - Administrative functions - Operational functions. Main services: Services and facilities for ships - Administrative formalities - Cargo transfer - Services and facilities for cargo - Additional “added value” service - Ports and their stakeholders like Port Health Organization (PHO), Immigration, Ship agents, Stevedores.

Unit - II Port Operations - Berths and Terminals - Berth Facilities and Equipment - ship Operation – Pre - shipment planning, the stowage plan and on-board stowage - cargo positioning and stowage on the terminal - Developments in cargo/container handling and terminal operation - Safety of cargo operations - Cargo security: Measuring and evaluating performance and productivity.

Unit - III Port Development - Phases of port development - Growth in word trade - Changes in growth - Development in terminal operation. Shipping technology and port: Ship knowledge - Ship development and port development - Port time and ship speed - Other technical development affecting port.

UNIT IV: Contemporary Cruise operations – The elements of Cruising- History of Cruising- The Cruise Market – cruise operators- the cruise product – Accommodation – dinning on board – bars-entertainment- shore excursions – wellness including spa – beauty therapy – hair-care – yoga – shops- casinos – weddings. Cruise brands - brand values and vessel classifications - the economics of cruising.

UNIT V Maritime Issues and Legislation – The shipping industry – The legal environment – Ship nationality, registration and flag. Marine pollution - Safety of life at Sea – Sanitation and Cleanliness – Marine security – Cruise ships and environment – Financial responsibility – Maritime organizations.

Unit VI Cruise Geography – Destinations – Tropical Zones – Tourists and Climate – Cruise Ports by Type – Primary cruising regions - The Caribbean – Europe and Mediterranean – North America – Asia, Oceania and the South Pacific – Other cruise destinations.

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