



ST ALOYSIUS COLLEGE (AUTONOMOUS),

MANGALURU 575003- INDIA

**CERTIFICATE COURSE ON
SHIPPING AND PORT MANAGEMENT**



SHIPBUILDING, OPERATIONS,
AND MANAGEMENT



PORTS, HARBOURS, AND INLAND
CONTAINER DEPOTS

**Shipping Industry
Ports and Harbours**

**Ship Management
Containerization**

Shipping and Port Management

Objectives:

- To understand the basics of shipping and shipping industry
- To know the working of ports and harbours
- To have the knowledge in port and shipping management

Unit 1: Ship Building Industry: (6 Hours)

Introduction; characteristics of shipping industry; general structure of shipping industry.

Problems of ship building industry; organization of a shipping company

Unit 2: Ship Operations and management (10 Hours)

Ship Management Company –Meaning, Role, functions and structure. Role of shipping intermediaries – shipping agents – clearing and forwarding agents – freight forwarders – surveyors – stevedores; liner Conference System –opened and closed conference system – shipping freight rates –Types, Principles applicable to freight rates

Unit 3: Ports and Harbours: (7 Hours)

Meaning-Ports; Harbours, Classification – functions of ports and harbours; conditions of good ports – port facilities – major and minor ports in India. Inland water ports in India.

Unit 4: Inland Container Depots (7 Hours)

Inland Container Depots (ICD) – meaning, functions, benefits, problems and prospects; containerization – types of container – benefits and constraints.