



## 3 Days Executive Certificate Program

# SEAPORT SECURITY MANAGEMENT AND EMERGING TECHNOLOGIES

Dates : 15, 16 & 17 May, 2024

Venue: DakshinaChitra Heritage Museum, Chennai

### IMU

Indian Maritime University (IMU), established through an Act of Parliament (Act 22) in November 2008 as a Central University under the Ministry of Ports, Shipping and Waterways, Government of India) has been in the forefront in developing trained human resources for the global maritime sector. IMU offers a range of academic & research programmes under U.G & P.G, streams to promote research and development in emerging areas like maritime law, maritime security, environmental studies, blue growth, marine data and knowledge, sea basin strategies and other allied fields. IMU is headquartered at Chennai and has Campuses at Chennai, Navi Mumbai, Mumbai Port, Kolkata, Cochin and Visakhapatnam.

### CHSS

The Center for Human Security Studies (CHSS) is a non-governmental, non-political, and non-profit mobile Human Security Think Tank focused on Internal Security and External Affairs of India. CHSS undertakes and conducts Studies, Research and Analysis in the areas of National Security Interests spanning across the fields like internal security, Counter Terrorism Mechanisms, Maritime & Seaport Security, Aviation Security, etc. CHSS has been working relentlessly through its research, outreach & capacity building initiatives. Its activities extend to encompass various aspects relating to emerging technologies (AI, Blockchain, IoT, Bigdata & 5G and Metaverse) and their impact on National & Human Security. CHSS actively takes up policy research & provides constructive inputs for policy formulation.

### ABOUT THE COURSE

The 3-day **Executive Certificate Program** is designed to help empower Seaport Security Practitioners, especially on leveraging Emerging Technologies (Artificial Intelligence- Blockchain-IoT- Bigdata-5G-Metaverse) for achieving a robust seaport security Management. The Course aims to cover both the physical security & Digital security aspects of Seaport Security Management.

The development of modern port facilities requires the use of currently emerging information and communication technologies, digital solutions and innovative business models.

This means that the stakeholders need to upskill themselves with the changing technologies and also internalize the changes they would be causing to the maritime domain.

### TARGET AUDIENCE

**Port Security Managers from both Public & Private Ports | Marine Police Officers from all the 9 coastal states | Shipping Company Managers | CISF Officers | Private Security Agency Officials | Employees and Representatives from Port Management | Security Forces | Personnel from Shipping & Ports, Waterways and other relevant Ministries| Private Companies | Law firms | Academic Institutions and Think Tanks.**



# 3 DAYS

**INTENSE  
INTERACTIVE  
INSIGHTFUL**

Seaport Security Management has become a highly challenging order, given the rapid rise of emerging technologies and its influence on all the vital installations of the national security architecture. Understanding the Emerging technologies requires a fresh approach along with the relevant domain knowledge to tackle the most unexpected threats. This course provides an insight into all theoretical & practical aspects and aims to inculcate a 'National Will' to solve even the most unforeseen challenges, from a security angle.

**This program is designed to empower participants from a new vantage point so that the learning outcomes of this program offer different strategies to help detect, and avoid disruptions and delays caused by both traditional and non-traditional security threats.**

## COURSE OBJECTIVES

- **Comprehend the significance of Seaport Security** across India's extensive 7516 km. coastline and the roles of stakeholders
- **Leverage technology** for effective surveillance of seaports, and vital installations, including coordination with fishermen
- **Achieve synergy among various departments** round the clock to ensure adherence to laws, international conventions, and government policies
- **Empower future seaport leaders** with insights into emerging Maritime & Cyber security challenges
- Identify and **address common and specific Cyber & Seaport security challenges** at major and minor ports
- Suggest suitable security measures and frameworks based on **national and international case studies**
- **Establish a capacity building network** among major and minor ports to enhance professional excellence and security profitability
- Understand the **inherent linkages of Port security** to Coastal, Maritime, and National security
- **Identify gaps in seaport security architecture** and establish networks among stakeholders to streamline operations and management
- Empower participants with **knowledge of state-of-the-art tech products and services** essential for robust port security systems, fostering a collaborative environment among Indian ports to compete globally
- Encourage **academic and think tank support for port security managers** through practical research and strategic inputs
- **Operationalize the vision of 'Sagarmala'** by developing a comprehensive, reliable, and sustainable seaport security architecture, leveraging emerging technologies such as AI, ML, Blockchain, IoT, Big Data, 5G, and Metaverse.

## COURSE FEE

**Limited Seats; For more details Contact us**

Course Fee: Rs. 22,000/- (inclusive of GST, Academic charges, Study Material, Lunch, Refreshments)

Scan for Registration :



Registration Link :

<https://imu.edu.in/seaport/>



# NATIONAL FACULTY



**Dr. Ramesh Kanneganti**  
Founder & Director CHSS



**Shri Umapathi**  
IPS (Retd.) IG AP Police



**Anjana Sinha**  
IPS -ADG CISF Chennai  
Seaport Security CISF



**Santosh Mehra**  
IPS (Retd) VI Security  
Expert



**Prof. Balakista Reddy**  
Dean School of Law  
Mahindra University



**Dr. Shree Kumar Menon**  
*IRS (Retd.) Ex.*  
DG NACIN



**Mr. Jonu Rana**  
Machine Learning  
Expert



**Shyamala  
Dinavahi**  
DIG CISF – Seaport  
Security



**Dr. A Ashok IAS**  
Director CoE on AI for  
Human Security-CHSS

# INTERNATIONAL FACULTY



**Dr. Rafiq Swash**  
Founder Ai  
Drivers



**Dr. Rajesh Pasupuleti**  
Data Scientist University of  
Miami (USA)



**Prof. James Kraska**  
Professor, Chairman,  
Charles.H. Stockton  
International Maritime Law  
World Organisation



**Johannes Leholm**  
Automation Architect  
Navis Port Robotics



**Mazlim Husin**  
Chief Operating Officer  
Kuantan Port



## ACCOMMODATION

Attendees are advised to secure lodging at nearby hotels based on availability.

## CONTACT DETAILS

### IMU

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#### Contact Persons:

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### CHSS

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Indian Maritime University

Limited Seats | For more details and Registrations:  
Email: [cprimes@imu.ac.in](mailto:cprimes@imu.ac.in)



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