

iMélange

April 2026



Monthly Magazine of The Institute of Marine Engineers (India)





The Institute of Marine Engineers (India)

IMEI HOUSE, Plot No.94, Sector-19, Nerul, Navi Mumbai.

Tel: +91 – 8454847896/ 022-27711663

Email: training@imare.in. Website: <https://imare.in/>

REGISTRATION OPEN FOR Following DGS APPROVED COURSES

- Basic Training for Ships using Fuels covered within IGF code **Course Id – 5311** (OFFLINE) – (5 Days) - 4th May 2026/ 18th May 2026/ 01st June 2026/ 22nd June 2026
- Assessment, Examination and Certification of Seafarers **Course Id – 1062** (OFFLINE) – (12 Days) - 11th May 2026/ 13th July 2026
- Advanced Training for Ships using Fuels covered within IGF code **Course Id – 5312** (OFFLINE) – (5 Days) - 12th May 2026/ 9th June 2026
- MEO Cl. I (FG) : 2- months course (OFFLINE) - 2nd May 2026 / 1st July 2026 / 1st Sep 2026 / 2nd Nov 2026 (followed by Simulator course) **Discount on combined bookings of Class I Course with Simulator**
- MEO (CEO – NCV) – STCW 2010: 2 month course (OFFLINE) – 01st July 2026 / 02nd November 2026
- MEO (SEO – NCV) Part-A - STCW 2010: 2-month course (OFFLINE) – 01st August 2026
- MEO (SEO – NCV) Part-B - STCW 2010: 4-month course (OFFLINE) – 02nd May 2026 / 2nd Nov 2026
- MEO Cl. IV (NCV) - STCW 2010 - 4 months course (OFFLINE) – 01st July 2026
- MEO (CEO – NCV) BRIDGING COURSE: 15 Days (OFFLINE) – 01st June 2026 / 03rd Aug 2026 / 01st Oct 2026 / 01st Dec 2026
- MEO (NCV – SEO) BRIDGING COURSE: 1 Month (OFFLINE) – 2nd May 2026/ 01st July 2026
- MEO CL. II (FG): 4-month Course (OFFLINE) – 2nd May 2026/ 01st June 2026/ 01st July 2026/ 01st Aug 2026/ 01st Sep 2026/ 01st Oct 2026 / 01st Nov 2026/ 01st Dec 2026 (Discount on combined bookings of Class II Courses with Simulator)
- REFRESHER & UPDATING TRAINING (RUT - 4 DAYS) COURSE FOR REVALIDATION OF COC FOR ALL ENGINEERS and ETOs (OFFLINE) – 27th April 2026 / 05th May 2026 / 12th May 2026 / 19th May 2026 / 02nd June 2026 / 15th June 2026 / 24th June 2026 / 07th July 2026 / 14th July 2026 / 22nd July 2026 / 03rd Aug 2026 / 10th Aug 2026 / 19th Aug 2026
- ENGINE ROOM SIMULATOR MANAGEMENT LEVEL (3 DAYS) COURSE FOR MEO CLASS I (OFFLINE) – 28th April 2026 / 02nd May 2026 / 06th May 2026 / 27th June 2026 / 01st July 2026 / 28th Aug 2026 / 01st Sept 2026 / 29th Oct 2026 / 02nd Nov / 29th Dec 2026
- ENGINE ROOM SIMULATOR MANAGEMENT LEVEL (5 DAYS) COURSE FOR MEO CLASS II (OFFLINE) – 25th April 2026 / 02nd May 2026 / 26th May 2026 / 01st June 2026 / 25th June 2026 / 01st July / 27th July 2026/ 01st Aug 2026/ 26th Aug 2026/ 01st Sep 2026 / 25th Sep 2026 / 01st Oct 2026/ 27th Oct 2026/ 02nd Nov 2026/ 25th Nov 2026 / 01st Dec 2026/ 26th Dec 2026
- ENGINE ROOM SIMULATOR OPERATIONAL LEVEL (3 DAYS) COURSE (OFFLINE) - 11th May 2026 / 08th June 2026
- MEO Cl. IV(FG) non mandatory course (2months duration) – On request

For
Payment:
Visit <https://imeimum.marineims.com/course/register>

For enquiries
contact on
training@imare.in

For registration of Courses, visit:

<https://imeimum.marineims.com/course/register>

Features:
Experienced Faculty,
Individual Attention

CONTENTS

- 7** President Flags Off 63rd National Maritime Day Celebrations 2026 with National Pride
- 9** Prime Minister Marks Commencement of 63rd National Maritime Day Celebrations 2026
- 10** Gujarat Sets the Tone for 63rd National Maritime Day Celebrations
- 11** Maritime 10K Run & Cyclothon 3.0
- 13** NMDC's Successful Blood Donation Drive
- 17** Empowering Maritime India: Key Seminar Drives Sectoral Vision Forward
- 19** Driving Maritime India Forward: Focus on Shipbuilding, Green Shipping & Skills
- 23** Honouring Maritime Heroes: Tribute at Fire Explosion Memorial
- 25** Honouring India's Wartime Seamen
- 27** 63rd National Maritime Day Celebrations Conclude with Grand Finale in Mumbai
- 31** A Day Dedicated to Our Ocean: National Maritime Day Celebration
- 35** Technical Seminar Highlights Decarbonisation and Maritime Opportunities
- 36** Samudra Shakti 1.0 – A Maritime Technical Symposium
- 39** A Vessel Speaks – Understanding the Language of Ships
- 41** Marine Horizon and Seascapes' Exhibition and Competition
- 43** AI and Data Science: The Future of Maritime Careers
- 45** DGS Surveyors Engage with NCV Candidates at IME(I) to Chart Future Career Paths
- 47** 63rd National Maritime Day Celebrated with Grandeur in Goa
- 48** IME(I) Presence Marked a Great Seat at AAROHAN 2.0
- 49** A Motivational Interaction with Future Maritime Professionals
- 50** Passing Out Parade Highlights Future of Maritime Excellence
- 52** Global Maritime Leaders Unite to Shape the Future of Skills and Workforce
- 56** Shaping the Future: INSA's 6th Technical Paper Competition 2026
- 60** Workshop on Mental Well-being of Seafarers
- 62** Obituary

Administration Office:

IMEI House

Plot No. 94, Sector -19, Nerul, Navi Mumbai 400 706.
Tel. : +91 22 2770 1664 | Fax : +91 22 2771 1663
E-mail: editornewsletter@imare.in
Website: www.imare.in

Editor-in-Chief (Hon.): **Sunil Kumar**

Editorial Board:

S.M. Rai

Ramesh Vantaram

Jagmeet Makkar

Hrishikesh Narasimhan

Krishnamurthy Balaji

Suneeti Bala

Vivek D. Prasad (Hon. Associate Editor)

Rashmi Tiwari (Associate Editor)

Edited and Published by:

Sunil Kumar on behalf of

The Institute of Marine

Engineers (India).

Published from 1012,

Maker Chambers V,

221 Nariman Point,

Mumbai - 400021.

Printed by:

Corporate Prints

Shop No.1, Three Star Co-op. Hsg. Society, V.P Road, Pendse Nagar, Dombivli (E) - 421 201.
District - Thane

Design and Layout:

Kryon Publishing Services (P) Ltd.,

www.kryonpublishing.com

DISCLAIMER

The views and opinions expressed in articles and content published by iMélange are solely those of the authors and do not necessarily reflect the official policy or position of the publication. Any content provided by our contributors, authors, or advertisers is for informational purposes only and should not be construed as professional advice. iMélange does not endorse any products or services mentioned in our articles or advertisements. iMélange assumes no responsibility or liability for any errors or omissions in the content or for any actions taken based on the information provided. No part of the publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the Institute of Marine Engineers (India).



THE INSTITUTE OF MARINE ENGINEERS (INDIA) Mumbai Branch

**Instrumentation, Automation, Control
PLC/HMI, SCADA/AMS/DCS
100 % Live Demonstration**

Course Starts 18th to 22nd May, 2026

FACULTY: Mr. Ajit Kumar K.T. Chief Engineer MEO 1 , 81-85 DMET Kolkatta

TARGET AUDIENCE: Superintendents, Senior CEs & ETOs

DAY 1 INSTRUMENTATION

- Analogue & Digital Signals
- Demo of various Primary Sensors and their Outputs
- Active & Passive Sensors
- Direct and Indirect Measurement of Parameters
- RTD, Thermocouples, PT100, PT 1000, Thermistor
- Standard Instrumentation Signals, Pneumatic & Electric
- Demo of Various Signal Conditioners
- Demo of 4-20 mA loop wiring up
- Demo of 4 to 20 mA loop current reading by various methods
- Demo of 2 wire and 4 wire Telemetry
- Demo of Instrument Calibration, of Analogue & Digital Signal Conditioners
- Demo of Interactive and Non Interactive Instrument calibration

DAY 2 AMS / SCADA / DCS

- Practical Applications of various Parameter Measurements on Board Ships
- Demo of Data Acquisition SCADA and AD Conversion
- Demo of Range & Differential Settings
- Rising & Falling Pressure Switches
- Differential Pressure switch
- Various Thermostats
- Demo of Ships Alarm Monitoring System
- Demo of Loop Calibration in Simulate & Source Modes

DAY 3 AUTOMATION SYSTEMS ON BOARD

- Theory Boiler Automation
- Demo of Boiler Water Level measurement by DP Transmitter & its Calibration
- Theory Refrigeration & Air Conditioning Automation
- Alarms and Trips on board and their testing
- BWT Level Measurement
- COT Level Measurement
- VRCS Operation
- Engine Over speed trips and testing, engine tripping systems
- Cable Supervision of critical systems
- Auto Standby By Start / Stop Systems
- Power Management Systems (PMS)
- Proximity Sensors
- Rotary Encoders
- Opto Couplers & Signal Isolators

DAY 4 PROCESS CONTROL ENGINEERING

- Process Control Concepts, On/Off & Modulating Controls
- Typical On/Off Control Systems on Board Ships
- Self Acting Control Systems on Board Ships
- Typical Modulating Control Systems on Board Ships
- Demo of Process Control Parameters (SV/PV/MV/Output) captured dynamically on a SCADA Screen Graphically.
- Demo of Open Loop Response of a Digital Controller to input changes
- Demo of Proportional, Integral & Derivative Actions
- Demo of Auto Tuning of a PID Digital Controller to a given process
- Demo of 3-15 psi actuator, Reverse and Direct acting concepts of Transmitter, Controller, Actuator and Valve
- Demo of I/P & P/I Converters & Calibration
- Demo of Pneumatic Valve Positioner Calibration
- Demo of Nakakita Pneumatic Analogue Controller
- Demo of SIEMENS SIPART Digital valve positioner Initialization & Operation
- Pneumatic, Electro Pneumatic, Digital, PLC, SCADA/DCS based PID Controllers

DAY 5 PLC/HMI, DIGITAL COMMUNICATION

- Demo of Microcontrollers and PLC, Their Differences
- Demo of Various PLCs – Siemens, Mitsubishi, Delta
- Demo of Delta HMI and its link to Delta PLC
- Demo of Digital & Analogue, Inputs & Outputs (I/O's) of a PLC
- Demo of Ladder Logic Programming of a PLC
- Demo of Programming of a HMI
- Demo of Controlling PLC from HMI
- Demo of Controlling a VFD from HMI, vide digital communication, no hard wiring
- Digital Communication Standards
- Digital Communication Protocols
- Digital Communication Connectors
- Digital Communication Cables

**Fees : *Members - Rs. 23000/- + 18 % GST
(IMEI, CMMI and INA Members)***

***Non-Members - Rs. 25000/- + 18% GST**

**Date : 18th to 22nd May 2026
5 DAYS ONLINE COURSE**

**Time: 0900 hrs to 1700 hrs
Venue : Web Platform / Zoom**

Kindly enrol & make payment through <https://linktr.ee/imei.m>
and
After registration please drop email to training_mumbai@imare.in

Contact Person for any queries:-

Kindly contact Ms. Anita Patil : 91-9225516456 / Mr. Suraj Negi : 91-9967481448



From the Editor's Desk

Dear Esteemed Readers,

April stands as a defining month for the maritime fraternity—a time of pride, remembrance and renewed commitment to the oceans that sustain global trade. This edition of *iMélange* captures the spirit of the **63rd National Maritime Day Celebrations**, reflecting how India continues to honour its maritime legacy while steering confidently toward a sustainable and future-ready horizon.

The celebrations commenced with great dignity as the **Hon'ble President flagged off the 63rd National Maritime Day**, followed by the **Prime Minister marking its formal commencement**, setting a tone of national pride and purpose. Across the country, the momentum gathered strength, with **Gujarat leading vibrant celebrations** and multiple events reinforcing the significance of maritime contributions to India's growth.

The NMDC calendar this year reflected both scale and substance. From the **Maritime 10K Run and Cyclothon 3.0** to a **successful blood donation drive**, the focus extended beyond industry to community and well-being. Thoughtful deliberations at seminars addressing **shipbuilding, green shipping and skill development** brought clarity to the sector's future direction. Equally moving were tributes paid at the **Fire Explosion Memorial** and to **India's wartime seamen**, reminding us of the courage and sacrifices that form the foundation of our maritime journey. The celebrations culminated in a **grand finale in Mumbai**, bringing together stakeholders in a fitting tribute to the nation's maritime spirit.

Parallel celebrations across regions added further depth. From **Chandigarh's tribute to our oceans** to **Goa's grand observance**, the message was consistent—maritime India stands united in purpose. Technical and intellectual engagement continued through events such as **Samudra Shakti 1.0** and seminars in Gujarat focusing on decarbonisation and emerging maritime opportunities.

At the grassroots and academic level, initiatives across IME(I) branches reflected strong engagement with the next generation. In Pune, creative and technical expression came alive through *Marine Horizon and Seascapes*, alongside insightful sessions like **"A Vessel Speaks – Understanding the Language of Ships."** Chennai's focus on **AI and Data Science in maritime careers** highlighted the changing contours of the profession, while Navi Mumbai witnessed meaningful interaction between **DGS surveyors and NCV candidates**, guiding young aspirants toward informed career choices.

From an industry perspective, platforms such as **INSA's 6th Technical Paper Competition** continued to encourage innovation and technical excellence, while workshops on **mental well-being of seafarers** reinforced the importance of supporting the human element in an increasingly complex maritime environment. On the other side, FSM 6.0 stands as a timely reminder that the future of maritime lies not just in technology, but in nurturing skilled, adaptive and globally aware human capital.

The journey ahead calls for collective effort, thoughtful leadership and continuous learning. We invite our readers and contributors to share their articles, insights and feedback at editornewsletter@imare.in or subeditor@imare.in by **7th May 2026**.

SUNIL KUMAR
Editor-in-Chief (Hon.) – *iMélange*

THE INSTITUTE OF MARINE ENGINEERS (INDIA)
MUMBAI BRANCH ALONG WITH ITS CHAPTERS
GUJARAT AND NAVI MUMBAI



In association with



भारत, विश्व परिवहन
एवं जलमार्ग विभाग
MINISTRY OF
PORTS, SHIPPING
AND WATERWAYS



RCLASS
Indian Register of Shipping

Platinum Sponsor

Theme: Maritime Landscape 2030
Opportunities and Challenges



Request you to kindly **"save the date"** for
International Maritime Conference cum Exhibition 2026

WHEN 27th to 29th Oct 2026

WHERE Westin, Powai, Mumbai

ABOUT THE CONFERENCE:

Since its inception in 1982, INMARCO has always witnessed an overwhelming response from the Maritime sector which in turn had inspired IME(I) to organise INMARCO quadriennially.

Papers are invited from Engineers, Manufacturers, Designers, Shipbuilders, Operators, Students, Educators, Researchers, Recyclers, Adjudicators, Salvors, Class, Administrators, Marine Infrastructure Companies, Port Operators, Surveyors, Maritime Lawyers, Navies, Coast Guard and other Maritime related stakeholders.

Sessions on current topics with eminent panelists and moderators.

Curated Competitions for Students from MTIs, Maritime Universities and Marine Divisions of Engineering Colleges.

Contact us for more details:  info@inmarco.in | inmarco@imare.in  Mr. Suraj Negi +91 9967481448



President Flags Off 63rd National Maritime Day Celebrations 2026 with National Pride



The 63rd edition of the National Maritime Day Celebrations (NMDC) 2026 was formally inaugurated by the Hon'ble President of India, **Smt. Droupadi Murmu**, marking the commencement of nationwide celebrations dedicated to India's maritime sector.

The inauguration was symbolised by the ceremonial presentation of the NMDC commemorative lapel pin to the President by **Shri Vijay Kumar**, Secretary, Ministry

of Ports, Shipping and Waterways. This gesture highlighted the nation's deep respect and recognition for the invaluable contributions of seafarers and maritime stakeholders to India's economic growth and global trade.

The event witnessed the presence of key dignitaries from the maritime administration and industry, including **Shri Shyam Jagannathan, (IAS)**, Director General of Shipping and **Capt. B.K. Tyagi**, Chairman and Managing





Director of the Shipping Corporation of India, reflecting strong industry participation and support.

The theme for this year's celebrations, **"Maritime India – Empowering Progress,"** underscores the sector's pivotal role in driving national development, strengthening global trade linkages and building a resilient and future-ready maritime ecosystem.

National Maritime Day, observed annually on 5th April, pays tribute to India's rich maritime heritage and honours the dedication and service of seafarers, port personnel and maritime professionals. The 2026 celebrations are being marked by a series of events and initiatives across the country, reinforcing the importance of maritime excellence in shaping India's economic future.

The inauguration sets a forward-looking tone for the celebrations, reaffirming India's commitment to leveraging its maritime strength as a key driver of growth, sustainability and global connectivity.



THE INSTITUTE OF MARINE ENGINEERS (INDIA), KOCHI BRANCH
 1st Floor Kamalam Towers, Narayananasan Rd, Ponnuruni,
 Vyttila, Kochi, Kerala 682019
 Email id: kochi@imare.in , Whatsapp no: 7025159111

Course Fee & Schedule at IMEI Kochi Branch

Sl.no	Course Name	Course Duration	Course Fee	Schedule
1	MEO Cl. I (FG) preparatory course	2 Months	Rs.40,000/-	01 st June 2026 ... (Alternate months)
2	MEO Cl. II (FG) preparatory course	4 Months	Rs.44,000/-	01 st June 2026 ... (Alternate months)
3	Refresher & Updating Training Course for All Engineers (RUT)	3 Days	Rs.7,000/-	1st June - 4th June 2026/ 3rd Aug - 6th Aug 2026/ 5th Oct – 8th Oct 2026/ 7th Dec – 11th Dec 2026
4	Vertical Integration Course for Trainers (VICT)	10 Days	Rs.16,000/-	8th June – 19th June 2026/ 31st Aug – 11th Sep 2026/ 4th Jan – 15th Jan 2027
5	Assessment Examination and Certification of Seafarers (AECS)	10 Days	Rs. 18,000/-	22nd June – 3rd July 2026/ 14th Sept to 25th Sept 2026/ 18th Jan – 29th Jan 2027

Please submit enquiry/registration form: <https://imare.in/register-a-new-course/>
 For any queries, please send whatsapp message to 7025159111

IMEI members may avail 10% Fee refund for all above courses



Prime Minister Marks Commencement of 63rd National Maritime Day Celebrations 2026



The 63rd National Maritime Day Celebrations (NMDC) 2026 commenced with the ceremonial presentation of the commemorative lapel pin to the Hon'ble Prime Minister of India, **Shri Narendra Modi**, by **Shri Vijay Kumar**, Secretary, Ministry of Ports, Shipping and Waterways, marking the formal beginning of this prestigious national event.



The interaction symbolised India's recognition of the unwavering dedication of seafarers and the vital role played by the maritime sector in sustaining the nation's trade and economic momentum. It reflected the government's continued emphasis on strengthening maritime capabilities as a key driver of growth.

The occasion was graced by prominent maritime dignitaries, including **Shri Shyam Jagannathan (IAS)**, Director General of Shipping and **Capt. Binesh Kumar Tyagi**, Chairman and Managing Director of the Shipping Corporation of India, underscoring strong leadership presence from across the maritime administration.



Gujarat Sets the Tone for 63rd National Maritime Day Celebrations



As India geared up to celebrate the 63rd National Maritime Day on 5th April, Gujarat marked the occasion with dignified flag pinning ceremonies led by the state's top leadership, highlighting the vital role of the maritime sector in national growth.

Observed annually, National Maritime Day commemorates India's rich maritime heritage and honours the invaluable contribution of seafarers, shipping professionals and stakeholders who drive global trade and connectivity.

In the lead-up to the celebrations, ceremonial flag pinning events were conducted by **Capt. Santoshkumar Darokar**, Joint Director General (Technical) and Principal Officer, Directorate General of Shipping. The first ceremony took place at Raj Bhavan, Gandhinagar, where the Hon'ble Governor **Shri Acharya Devvrat** was adorned with the Merchant Navy Day flag, symbolising respect and gratitude for the maritime fraternity.

A similar ceremony was held at the residence of the Hon'ble Chief

Minister **Shri Bhupendra Patel**, reaffirming the state leadership's support for the sector. These ceremonies form an integral part of National Maritime Day Week, fostering awareness about the maritime industry's critical contribution to economic development, trade and national security.

With its robust port infrastructure and proactive maritime ecosystem, Gujarat continues to play a pivotal role in advancing India's maritime ambitions, setting a strong and inspiring tone for nationwide celebrations.





Maritime 10K Run & Cyclothon 3.0



The DGS Maritime 10K Run & Cyclothon 3.0, organised as part of the 63rd National Maritime Day Celebrations (NMDC) 2026, was successfully held at the iconic Princess Dock Clock Tower, bringing together the maritime community in a vibrant display of fitness, unity and spirit.

The event featured a diverse range of categories including the 10K Timed Run, 5K Non-Timed Run, 10K Cyclothon, 3K Walkathon, Kids Walk, Marex Maritime Veterans Walk and the uniquely celebrated 3K Saree Walk. Each segment witnessed enthusiastic participation from seafarers, maritime professionals, families and fitness enthusiasts.

The 10K Timed Run and 5K Non-Timed Run stood out as dynamic showcases of endurance and determination. Participants demonstrated resilience and discipline, reflecting the true essence of maritime spirit. Set against the backdrop





of Mumbai Port, the runs created an inspiring atmosphere of energy and camaraderie.

The 10K Cyclothon brought together cyclists from across the maritime fraternity for an invigorating ride through the city. With strong participation and collective enthusiasm, the event symbolised momentum, focus and unity within the sector.

Adding a unique cultural dimension, the 3K Saree Walk emerged as a highlight of the event. Participants gracefully blended tradition with fitness, celebrating inclusivity, empowerment and confidence. The walk served as a powerful representation of strength and unity within the maritime community.

Overall, the DGS Maritime 10K Run & Cyclothon 3.0 successfully embodied the spirit of NMDC 2026, reinforcing the importance of fitness, togetherness and pride among maritime professionals. The event not only promoted health and well-being but also strengthened the sense of community within India's maritime sector.





NMDC's Successful Blood Donation Drive



NMDC successfully partnered with reputed blood banks to organise a meaningful Blood Donation Drive on 31st March 2026 held from 10:00 AM to 5:00 PM. The drive took place across various locations at Mumbai, Navi Mumbai and Lonavala: Indian Sailors' Home, Masjid Bunder; SCI/MTI, Powai; IMEI House, Nerul, Navi Mumbai; Gurudwara, Shree Gurunanak Nagar, Andheri East; T. S. Rahman, Nhava Sheva; Mumbai Maritime Training Institute (MMTI), Andheri West; GEIMS, Lonavala and Asha Institute, Belapur. Many generous donors came forward to support the cause, making a positive impact through their life-saving contributions. This initiative stood as a testament to NMDC's commitment to community welfare and social responsibility.

Glimpses of the Event







Institute of Marine Engineers (India)

Promoting Knowledge, Building Relationships

THE INSTITUTE OF MARINE ENGINEERS (INDIA) REQUIRES FULL TIME

ENGINEERING & ELECTRICAL FACULTY

In pursuit of excellence in Maritime Education & Training, we are seeking dedicated and motivated full-time faculty for Competency and Modular courses conducted at "IMEI HOUSE," Nerul, Navi Mumbai.

Qualifications & Experience:

1. Certificate of Competency as MEO Class I (Motor | Motor & Steam)

- "Training of Trainers & Assessors" (TOTA)/VICT Certificate
- Teaching experience in preparatory courses & Modular Courses

2. Qualifications & Experience (Electrical Faculty):

- Certificate of Competency as MEO Class I (Motor / Motor & Steam)/M. Tech (Electrical). Preferably electrical background MEO Class I holders
- "Training of Trainers & Assessors" (TOTA)/VICT Certificate
- Teaching experience in preparatory courses & Modular Courses

3. Additional Desirable Experience and Skills:

- TSTA Certificate
- AECS Certificate
- Conversant with computers

TO APPLY MAIL YOUR CV OR CALL TO:

E-mail: training@imare.in | Cc: hgs@imare.in

PHONE: 022 27701664/27711663, MOBILE : 8454847896



Empowering Maritime India: Key Seminar Drives Sectoral Vision Forward



As part of the 63rd National Maritime Week Celebrations 2026, a seminar on “Recent Initiatives for the Maritime Sector” was successfully conducted on Wednesday, 1st April 2026 at the Maritime Training Institute (MTI), SCI, Powai, Mumbai. The event aligned with the theme “Maritime India – Empowering

Progress” and witnessed active participation from maritime professionals, industry leaders, and stakeholders.

The seminar was presided over by **Shri Shyam Jagannathan, IAS**, Director General of Shipping, who highlighted the importance of progressive





policies and sustainable growth in strengthening India's maritime sector.

The Keynote Address was delivered by **Capt. Anish Joseph**, Dy. Nautical Advisor, Directorate General of Shipping, who emphasized ongoing initiatives and the future outlook of the maritime industry.

The seminar featured insightful technical sessions covering key areas:

- **Maritime Crewing & Employment Opportunities** by **Capt. P. C. Meena**, Nautical Surveyor, Directorate General of Shipping
- **Maritime Safety & Casualty Response** by **Capt. Harinder Singh**, Nautical Surveyor, Directorate General of Shipping
- **Coastal Shipping & Opportunities in Inland Navigation** by **Mr. Ravi Kumar Moka**, Ship Surveyor, Directorate General of Shipping
- **Wellbeing of Seafarers** by **Ms. Suchita Gupta**, Senior Psychologist, ISWAN

A panel discussion followed, bringing together eminent experts from the industry:

- **Mr. T. K. Sahu**, Joint MD, IRS

- **Capt. Aniket Pradhan**, Director, MSC Shipping
- **Capt. Mirza A. Nasir**, Director, ERA Shipping Pvt Ltd
- **Capt. Arvind Shankar**, GM, MAERSK
- **Mr. Mahesh B. Pillai**, Executive Director, ONGC
- **Capt. Anuradha Jha**, Sailing Master

The session was skillfully moderated by **Capt. Anshul Rajvanshi**, Director, Ozellar Marine, who facilitated engaging discussions and meaningful exchanges among panelists and participants.

The event concluded with a strong message on collaboration, innovation, and the need to continuously enhance safety, employment opportunities and the overall wellbeing of seafarers.

For further coordination, the event was supported by **Dr. Sudhir Kohakade (IRS)**, Member Secretary, NMDC(C).

The seminar served as a significant platform for dialogue and knowledge-sharing, reinforcing the commitment of the maritime fraternity towards a progressive and resilient maritime future.





Driving Maritime India Forward: Focus on Shipbuilding, Green Shipping & Skills



As part of the 63rd National Maritime Week Celebrations 2026, a seminar on “Recent Initiatives for the Maritime Sector” was held on Thursday, 2nd April 2026 at the Indian Register of Shipping Auditorium, Powai, Mumbai. The seminar aligned with the overarching theme “Maritime India – Empowering Progress” and brought together key stakeholders from across the maritime industry.

The event was graced by Chief Guest **Shri Arun Sharma**, Chairman, Indian Register of Shipping. The Keynote Address was delivered by **Shri Killi Mohana Rao**, Chief Surveyor, Directorate General of Shipping, who provided valuable insights into regulatory developments and future initiatives.

The seminar featured focused technical presentations on key industry themes:

- **Impetus on Shipbuilding in India** by **Shri Ankur Anal**, Ship Surveyor, Directorate General of Shipping
- **Ship Recycling in India** by **Shri Gopi Krishna**, Engineer & Ship Surveyor, Directorate General of Shipping
- **Decarbonization and Environment Protection** by **Shri Satish Kamath**, Dy. Chief Surveyor, Directorate General of Shipping
- **Maritime Training & Upskilling** by **Shri Praveen Nair**, Dy. Chief Surveyor, Directorate General of Shipping

A panel discussion followed, featuring distinguished industry experts who shared their perspectives on the evolving maritime landscape:

- **Capt. Ashutosh Apandkar**, Principal, T. S. Rehaman
- **Mr. Ram Mohan Baliga**, Sr. GM – Commercial, SWAN
- **Ms. Jhila Chatterjee**, Sailing First Engineer
- **Mr. Prasad Nayak**, GM, Anglo-Eastern Ship Management
- **Mr. Mudit Mehrotra**, Asst Vice President, Great Eastern Shipping

The session was effectively moderated by **Mr. Kaushik Seal**, President, IME(I), who facilitated engaging discussions and knowledge exchange among the panellists and attendees.

The event coordination was supported by **Dr. Sudhir Kohakade (IRS)**, Member Secretary, NMDC(C).

Other dignitaries presented at the event were **Shri P. K. Mishra**, MD, IRS; **Shri S M Rai**, Senior Fellow Member, IME(I) and **Capt. V. R. Krishnan**, CEO, CMMI.

The seminar concluded on a positive note, highlighting the collective commitment of the maritime fraternity towards advancing shipbuilding, sustainability, recycling and skill development, thereby contributing to the growth of Maritime India.



THE INSTITUTE OF MARINE ENGINEERS (INDIA)
Mumbai Branch

Electrical, Automation & Control Course
Practical Demonstration of Most Concepts

Course Starts 25th to 27th May, 2026

FACULTY: Mr. Ajit Kumar K.T., Chief Engineer, MEO 1 , 81-85 D.M.E.T. Kolkatta

TARGET AUDIENCE: Operational Level Engineering Officers

DAY 1 ELECTRICAL

- Usage of Digital Multi Meter
- Demo of AC Fundamentals, Inductance & Capacitance
- Power Generation & Distribution
- 3 Wire 3 Phase, Floating Neutral, & IRM
- 3 Phase brushless Alternators & AVR
- Parallel Running of Alternators, KW & KVAR Sharing
- Voltage & Speed Droops
- ACB
- MSB Safeties
- Demo of 3 Phase AC Induction Motor Fundamentals
- Motor Terminals layout, IR Testing
- Motor Starters
- Demo of VFD
- Demo of all components of Motor Starter Panels
- Electrical Drawings Symbols, Reading same
- Electrical Trouble Shooting based on Electrical Drawings

DAY 2 INSTRUMENTATION

- Analogue & Digital Signals
- Demo of Various Primary Sensors and their outputs
- Demo of Various types of Signal Conditioners and their output
- Demo of 2 wire and 4 wire telemetry
- Demo of Instrument Calibration
- Demo of Data Acquisition SCADA and AD Conversion
- Demo of Ships Alarm Monitoring System
- Demo of Loop Calibration in Source and Simulate Modes
- Alarms and Trips Testing on board
- Demo of Boiler Water Level measurement by DP Transmitter & its Calibration
- BWT Level Gauging System

DAY 3 PROCESS CONTROL & PLC/ HMI

- Introduction to Various Process Control Systems on board
- Demo of Process Control Parameters (SV/PV/MV/Output) captured dynamically on a SCADA Screen Graphically
- Demo of Open Loop Response of a Digital Controller to input changes
- Demo of Proportional, Integral & Derivative Actions
- Demo of Auto Tuning of a PID Digital Controller to a given process
- Demo of 3 - 15 psi diaphragm actuator
- Demo of Pneumatic positioner
- Demo of Digital positioner - SIEMENS SIPART
- Introduction to PLC HMI
- Demo of wiring and programming HMI and PLC

Fees : *Members - Rs. 14500/- + 18 % GST

(IMEI, CMMI and INA Members)*

***Non-Members - Rs. 16500/- + 18 % GST**

Date : 25th to 27th May 2026

3 DAYS ONLINE COURSE

Time: 0900 hrs to 1700 hrs

Venue : Web Platform / Zoom

Kindly enrol & make payment through <https://linktr.ee/imei.m>
and

After registration please drop email to training_mumbai@imare.in

Contact Person for any queries:-

Kindly contact Ms. Anita Patill : 91-9225516456 / Mr. Suraj Negi : 91-9967481448

Glimpses of the Event







Honouring Maritime Heroes: Tribute at Fire Explosion Memorial

On 4th April 2026, as part of the National Maritime Day Celebrations, the Directorate General of Shipping paid homage at the Fire Explosion Memorial at Victoria Dock, Mumbai. The occasion was observed with solemnity to honour the memory of maritime personnel who laid down their lives in the line of duty.





This tribute reflects the maritime community's unwavering commitment to safety, vigilance and resilience. It also provides an opportunity for collective remembrance, reinforcing the enduring values of courage, dedication and selfless service that define the maritime profession.

As India advances towards a more robust and sustainable maritime future, such observances serve as a powerful reminder of the legacy of sacrifice and the responsibility upheld by every seafarer.





Honouring India's Wartime Seamen



The 63rd National Maritime Day Celebrations (Central) Committee solemnly conducted a Wreath Laying Ceremony on Sunday, 5th April 2026, at the Indian Sailors' Home Society, Masjid Bunder, Mumbai, to honour and remember the brave Indian seafarers who made the supreme sacrifice during World Wars I and II.

The ceremony was attended by distinguished members of the maritime fraternity, who gathered to pay their respects and acknowledge the invaluable contributions of these unsung heroes. Their courage, resilience and unwavering dedication played a pivotal role in sustaining vital maritime operations during times of global conflict.







63rd National Maritime Day Celebrations Conclude with Grand Finale in Mumbai



The Grand Finale of the 63rd National Maritime Day Celebrations–2026, signifying the culmination of Merchant Navy Week, was organised on April 5, 2026 at the Bharatratnam Auditorium, Andheri, Mumbai, under the theme “*Maritime India, Empowering Progress.*” The event saw active participation from key stakeholders across India’s maritime sector, showcasing the nation’s strong commitment towards enhancing its maritime capabilities and strengthening its global footprint.

Merchant Navy Week commenced with the ceremonial lapel pinning to the President of India, **Smt. Droupadi Murmu** and the Prime Minister of India, **Shri Narendra Modi**, symbolising national recognition of the maritime fraternity. The celebrations were further complemented by a goodwill message from the Union Cabinet Minister for Ports, Shipping and Waterways, **Shri Sarbananda Sonowal**, along with a video message from the Minister of State for Ports, Shipping and Waterways, **Shri Shantanu Thakur**.

The event was graced by the Cabinet Minister for Fisheries and Ports Development, Government of Maharashtra, **Shri Nitesh Rane**, as the Chief Guest, who

highlighted the maritime sector’s significant role in driving economic progress and national growth. Former Secretary to the Government of India and Former Director General of Shipping, **Shri Deepak Shetty**, attended as the Guest of Honour. Awards and special recognition certificates were presented to honour individuals and organisations for their outstanding achievements, exemplary performance, and notable contributions to





THE INSTITUTE OF MARINE ENGINEERS (INDIA)

KOLKATA BRANCH

MTI NO. 307030

31/3, Sahapur Colony, Flat No. A-1/2, New Alipore, Kolkata-700053

Tel. (M) : +91 8697430058/9831636004

E-mail: principalkolkata@imare.in / enquiryretckol@imare.in

RANKED A1 (OUTSTANDING)

Course Fee & Schedule for DGS Approved Courses at IMEI, Kolkata Branch

Sl. No.	Name of the course	Course Fee	Course Duration	Schedule
1.	Basic Training for Ships using Fuels covered within IGF Code (IGFB)	Rs.10,000 /- (including lunch & one-time Exit Examination fees)	5 days	4 th May - 8 th May, 2026/ 1 st June - 5 th June, 2026/ 6 th July -10 th July, 2026/ 3 rd August- 7 th August, 2026
2.	Crowd management, Passenger Safety and Safety Training	Rs. 3,500 /- (including lunch & one-time Exit Examination fees)	3 days	11 th May - 13 th May, 2026/ 8 th June -10 th June, 2026/ 13 th July - 15 th July, 2026/ 10 th August- 12 th August, 2026
3.	Crisis Management & Human Behaviour	Rs. 8,000 /- (including lunch & one-time Exit Examination fees)	5 days	18 th May -22 nd May, 2026/ 15 th June -19 th June, 2026/ 20 th July -24 th July, 2026/ 17 th August- 21 st August, 2026
4.	Security Training for Seafarer with Designated Security Duties (STSDSD)	Rs. 2,000 /- (including lunch & one-time Exit Examination fees)	2 days	27 th April- 28 th April, 2026/ 25 th May - 26 th May, 2026/ 22 nd June - 23 rd June, 2026/ 27 th July -28 th July, 2026/ 24 th August - 25 th August, 2026
5.	Ship Security Officer (SSO)	Rs. 2,500 /- (including lunch & one-time Exit Examination fees)	3 days	29 th April- 1 st May, 2026/ 27 th May - 29 th May, 2026/ 24 th June -26 th June, 2026/ 29 th July -31 st July, 2026/ 26 th August - 28 th August, 2026

- Rs. 50/- for DGS Fee for issuance of certificate
- If more candidates are available, we can schedule a special batch as and when required.
- Special Discount may be available for block booking.

Note: Dates are subject to change



the maritime sector, reflecting excellence and innovation within the maritime community.

The celebrations marked the conclusion of various nationwide initiatives such as seminars, blood donation camps and awareness programmes conducted throughout Merchant Navy Week. In line with the theme, the event emphasised the sector's crucial role in facilitating trade, supporting economic development and advancing India's vision of becoming a leading maritime nation.

The programme concluded with a Vote of Thanks delivered by the Deputy Director General of Shipping and Member Secretary, NMDC Central Committee, **Shri Sudhir Kohakade**, expressing sincere appreciation to all dignitaries, participants and stakeholders for their valuable support in making the celebrations a success.

The event was attended by distinguished dignitaries including Director General of Shipping, Shri Shyam Jagannathan (IAS); Additional Director General of Shipping, Shri Sushil Mansingh Khopde (IPS) and **Capt. B. K. Tyagi**, CMD, Shipping Corporation of India.

Capt. Tyagi, was conferred the prestigious **Sagar Samman Varuna Award**, the highest recognition in the



Indian maritime sector, on the occasion. The Shipping Corporation of India Ltd. has also been conferred two distinguished recognitions at the same forum - 'Outstanding Indian Employers of Seafarers' and 'Outstanding Indian Ship Owning Companies'.

The **Sagar Samman Award for Excellence** – 2026, the second highest honour recognising outstanding and sustained contributions of the highest order in the maritime sector was presented to **Shri Naresh Bansilal Nanda**, a distinguished maritime professional whose lifelong dedication has significantly enriched maritime



engineering, education and technical literature. From serving at sea as a Chief Engineer to shaping generations of marine engineers through teaching, mentorship and authorship, his contributions have left a lasting impact on the maritime community.

The Grand Finale of the National Maritime Day Celebrations 2026 honoured exceptional bravery with the presentation of the **Sagar Samman Award for Gallantry** – 2026. This prestigious recognition celebrates outstanding courage and presence of mind displayed under the most challenging maritime conditions. This year's award was conferred upon **Master Avtar Singh** of the vessel STI Grace for his remarkable leadership during a rescue operation in the Arabian Sea in October 2025. Amid adverse weather and difficult sea conditions, he led a swift and well-coordinated effort to rescue a critically injured seafarer, ensuring timely medical assistance and safe evacuation.



THE MOST PROMISING MARITIME TRAINING INSTITUTE



THE INSTITUTE OF MARINE ENGINEERS (INDIA)

IMEI HOUSE, Plot No.94, Sector-19, Nerul, Navi Mumbai – 400 706

Email: training@imare.in Website: <https://imare.in/>

Phone no: +91 22 – 27711663 / 27701664, Mobile No: +91 8454847896

RANKED GRADE A1 (OUTSTANDING)

D. G. Shipping Approved Course

★ **AECS Course**
Course Id - 1062

10
Days

Assessment, Examination and Certification of Seafarers meets the guidelines provided in the IMO Model Course 3.12

Entry Criteria: Master (FG) / MEO Class I (FG) / GMDSS (GOC) / ETO COC Holder and TOTA / VICT Holder

This Course ensures that the Core publications namely, the STCW Convention and the Code and the Quality Management System is familiarized and well understood by the trainee.

This Course also covers the techniques of assessment and developing written tests and conduct of oral and practical assessments

Assessment, Examination and Certification of Seafarers

Dates: 11th - 21st May 2026/ 13th - 23rd July 2026

Time: 9am - 5pm

Course Fee: Rs.15500/- (per participant inclusive of Taxes)

VENUE: IMEI HOUSE, Plot No.94, Sector-19, Nerul, Navi Mumbai- 400706

For Registration, visit- <https://imeimum.marineims.com/course/register>

FOR MORE INFORMATION, please email to training@imare.in or contact on Mob: 8454847896 / Tel:- 022 2770 1664 & 27711663

Or

Visit our Website: <https://imare.in/>

A Day Dedicated to Our Ocean: National Maritime Day Celebration



National Maritime Day was commemorated with enthusiasm on 4th April 2026, at Engineer's Bhawan, Sector 19A, Chandigarh. Centered on the theme "Maritime India – Empowering Progress", the event brought together maritime professionals for knowledge sharing, dialogue and networking.

The celebration was jointly organised by the Institution of Engineers (India), Punjab & Chandigarh State Centre; the Institute of Marine Engineers India- IME(I), Chandigarh Chapter; The Company of Master Mariners (India) (CMMI), Chandigarh; and the Merchant Navy Officers Association (MNOA), Chandigarh. Held from 1600 to 1900 hrs., the





like carbon intensity. He outlined key objectives such as reducing carbon emissions, promoting renewable energy, developing green fuel hubs and improving waste and water management. He further discussed the three pillars of Harit Sagar: clean energy transition in ports, sustainable infrastructure including green bunkering and cold ironing and a circular economy based on Reduce, Reuse and Recycle. He concluded by urging individuals to adopt practical steps that integrate sustainability into daily life.

event saw participation from around 50 mariners across the Tri-city region.

The proceedings began with a tribute to Bharat Ratna Sir M. Visvesvaraya, as representatives from all organising bodies garlanded his statue. **Capt. Amarjit Thakur**, Chairman of CMMI Chandigarh Chapter, anchored the event. **Shri Labh Singh**, Immediate Past Chairman of IEI, delivered the welcome address, highlighting current challenges in the shipping industry. A message from **Capt. Dr. Bhasker Bhandarkar** was read by **Shri Iqbal Singh**.

Prof. Jasjeet Suri of Chitkara University spoke on sustainability in the maritime sector, emphasising India's Harit Sagar – Green Port Guidelines 2023. He traced the evolution of sustainability from the Single Bottom Line to the Triple Bottom Line and the UN Sustainable Development Goals, stressing measurable outcomes

Capt. L. C. Dharmani, President of MNOA, spoke on economic growth and the Blue Economy, describing it as the sustainable use of ocean resources while maintaining ecological balance. He highlighted key drivers such as technology, capital, human resources and trade and identified major sectors including shipping, fisheries, offshore energy and marine tourism. He also noted its importance in ensuring food security, employment and climate regulation, while addressing challenges like overfishing, marine pollution, climate change and regulatory gaps.

Mrs. Anuradha Singh, Maritime Psychologist and Mentor, addressed the psychological challenges faced by seafarers. She highlighted risks such as piracy, conflict zones and natural disasters, which can lead to anxiety and mental health issues. Emphasising the need for peer



support, she advocated for the buddy system, mandatory mental health assessments and Psychological First Aid (PFA). She stressed that empathetic listening plays a critical role in preventing long-term trauma.

Guest of Honour, **Capt. Rajat Trehan** shared his experience of a rescue operation near Fiji, where he and his team aboard M.T. Eastern Discovery saved four lives in severe weather. His bravery earned him the CMMI Exemplary Action Award 2026, along with international recognition and a nomination for the Sagar Samman Awards 2026.

Chief Guest, **Rear Admiral Sandeep Beecha (Retd)** spoke about the strategic importance of the Strait of Hormuz and the role of the Indian Navy in ensuring the safety of merchant vessels. Drawing from his experience commanding INS Rajput, he described naval escort operations in piracy-prone regions and emphasized India's commitment to maritime security.

The felicitation ceremony honoured the distinguished speakers and guests for their contributions. The event concluded with a vote of thanks by **Shri Karnail Singh**, Hon. Secretary of IEI, followed by the National Anthem and a high tea, providing an opportunity for further interaction among participants.





**THE MOST PROMISING
MARITIME TRAINING INSTITUTE**

**RANKED GRADE A1
(OUTSTANDING)**

**D. G. Shipping
Approved Course**

**Advanced Training for Ships using Fuels
covered within IGF code Course Id - 5312**

**Course Dates: 12th - 16th May 2026/
9th - 13th June 2026**

5 Days

**COURSE FEE
RS. 21550/-**

For Booking, visit: <https://imare.in/>

For any queries:



training@imare.in



022 2770 1664 & 27711663



8454847896



**IMEI HOUSE, Plot No.94, Sec-19, Nerul,
Navi Mumbai - 400 706**

Visit: <https://imare.in/>

Technical Seminar Highlights Decarbonisation and Maritime Opportunities



The Gujarat Chapter of the Institute of Marine Engineers (India) successfully organised a technical seminar in Vadodara on 22nd March 2026, witnessing enthusiastic participation from members and maritime professionals across the region.

The session commenced with a warm welcome address by the Gujarat Chapter Chairman, **Shri Prakash Desai**, who greeted the attendees and highlighted the significance of knowledge-sharing platforms. In his remarks, he also acknowledged the presence of **Shri Vikas Kumar**, who has recently relocated from Hong Kong to Vadodara, bringing with him valuable global expertise to the local maritime community.

Shri Kumar delivered an insightful presentation on *"Decarbonisation in Shipping."* His session comprehensively covered the evolution, current framework and future outlook of the Carbon Intensity Indicator (CII) regime, including ship rating classifications from A to E. Drawing from his experience as Technical Director at KC Shipping, he shared practical strategies implemented to enhance fleet performance, supported by real-world case studies that were both engaging and informative.

He further elaborated on his extensive experience in ship repair and shipbuilding, particularly in Chinese shipyards and offered valuable perspectives on aligning such practices with Maritime India Vision 2030. Key recommendations included positioning ship repair as a foundation for strengthening domestic shipbuilding, standardising job lists and costing structures across Indian shipyards and adopting hybrid operational models wherein shipyards manage docking infrastructure while outsourcing specialised repair services.

The seminar also featured an address by **Shri Mahesh Vaswani**, an experienced freelance professional in ship audits and vetting, who spoke on emerging opportunities for shore-based careers within the Indian maritime sector, with particular focus on the growing prospects in Gujarat.

The event witnessed active participation, with engaging discussions and a vibrant exchange of ideas on decarbonisation, shipyard development and career diversification. The interactive nature of the session reflected the strong professional interest in these critical areas.

The programme concluded with a vote of thanks delivered by **Shri Puru Bakshi**, Hon. Treasurer, who expressed gratitude to the speakers and participants for their valuable contributions. He also shared highlights from recent technical sessions held in Mumbai, including presentations by officials from the Directorate General of Shipping, now functioning as DGMA.

The seminar was well received and reaffirmed the Gujarat Chapter's continued commitment to promoting technical excellence, knowledge sharing and professional development within the maritime community.



Samudra Shakti 1.0 – A Maritime Technical Symposium



Samudra Shakti 1.0, the inaugural maritime technical symposium organised by the Faculty of Maritime Studies at Ganpat University, Kherva, Gujarat, was successfully conducted on 3rd and 4th April 2026. The event formed part of the larger Convergence 2026 initiative and was built around the inspiring theme “Voyage of Self-Discovery.”

The symposium served as a vibrant platform for aspiring maritime professionals to showcase their

technical knowledge, innovation and communication skills through a series of well-structured events. These included technical paper presentations (Samudra Chintan), model-making competitions (Samudra Yantram), renewable energy boat racing (Jal Ashwa), extempore speaking (Sagar Samvad) and a maritime quiz (Prashna Sagar). The diversity of activities ensured a holistic evaluation of both technical competence and soft skills among participants.





The event was attended by **Mr. Puru Bakshi**, Honorary Treasurer, Gujarat Chapter of the Institute of Marine Engineers (India), whose presence added significant value and strengthened the Institute's engagement with academic institutions. His participation reflects the Institute's continued commitment to fostering closer interaction with maritime training institutes and encouraging professional development among cadets.

The symposium witnessed enthusiastic participation from students across maritime and allied disciplines. The high standard of presentations, innovative model displays and active involvement in competitions highlighted the strong academic foundation and motivation of the cadets. Faculty members played a pivotal role in mentoring participants and ensuring the smooth conduct of the event.

With total prizes exceeding 1.5 lakh, the event generated a strong competitive spirit while also promoting collaboration, research orientation and sustainability awareness—particularly through initiatives such as renewable energy-based boat design.

Samudra Shakti 1.0 marked a significant step in bridging the gap between academic learning and industry expectations. The Faculty of Maritime Studies expressed keen interest in further strengthening collaboration with the Institute of Marine Engineers (India), and looks forward to greater participation and guidance from the Institute in future editions.

The success of this inaugural edition has laid a strong foundation for Samudra Shakti to evolve into a flagship maritime technical festival, contributing meaningfully to the development of competent and innovative maritime professionals.





THE INSTITUTE OF MARINE ENGINEERS (INDIA), GOA

MTI NO. - 207085

IMEI House, House No.11, Plot No.- D-27, Ranghavi Estate, Post Office, Dabolim,
Goa 403 801

Tel: 0832- 2538500, Mobile: 9923102071, E-mail: traininggoa@imare.com

DG APPROVED MODULAR COURSES

Sr. No.	Course Name	Course Fee	Course Duration	Course Schedule
1	Basic Training for Oil and Chemical Tanker Cargo Operations (OCTF)	₹7,250/-	6 Days	20 th May, 2026 3rd June, 2026
2	Basic Training for Liquefied Gas Tanker Cargo Operations (LGTF)	₹7,525/-	5 Days	28th May, 2026 25th June, 2026
3	Basic Training for Ships using Fuels covered within IGF Code (IGFB)	₹13,250/-	5 Days	9th May, 2026 17th June
4	Security Training for Seafarers with Designated Security Duties (STSDSD)	₹4,050/-	2 Days	7th May, 2026 11th June, 2026
5	Ship Security Officer (SSO)	₹5,525/-	3 Days	28th May, 2026 22nd June, 2026

- ◆ **Course Fee includes** lunch, two tea breaks, and one examination fee.
- ◆ 5% discount **on group bookings of more than 6 candidates.**
- ◆ 7% discount **on group bookings for combo courses (OCTF + LGTF) with more than 6 candidates.**
- ◆ **Note: Course dates are subject to change.**

A Vessel Speaks – Understanding the Language of Ships



Concept of NDE:

NDE enables inspection of ship components without causing damage, helping detect hidden defects and assess structural integrity.

Difference between NDE & NDT:

NDE focuses on examination and condition assessment, while NDT is primarily used to test strength; both are often used interchangeably in practice.

Key Advantages:

- Cost-effective and proactive maintenance tool
- Quick and reliable results
- Enables accurate condition monitoring and repeatability
- Supports planning, budgeting, and lifecycle assessment

Operational Benefits on Ships:

- Early detection of defects and failures
- Reduced downtime and maintenance costs
- Enhanced safety and pollution prevention
- Improved survey planning and insurance validation

Limitations:

- Requires skilled personnel and proper surface conditions
- May involve equipment shutdown
- Depth measurement limitations in some methods

A Technical Meeting was held on 14th February 2026 at Pune, jointly organised by the Institute of Marine Engineers (India) (Pune Branch), Company of Master Mariners of India, Indian Maritime Foundation and Maha Mariners Association at PYC Hindu Gymkhana. The event witnessed active participation from maritime professionals and students from MANET, along with an engaging interactive session.

The technical session was delivered by **Mr. Tejas N. Ingale** from Injotech India Private Limited, on the topic **“Non-Destructive Examination (NDE) – Understanding the Language of Ships.”**

Key Highlights of the Technical Session



Major NDE Methods:

- **Basic Methods:** Radiographic Testing (RT), Ultrasonic Testing (UT), Magnetic Particle Testing (MT), Liquid Penetrant Testing (PT), Visual Testing (VT)
- **Advanced Methods:** Eddy Current Testing (ET), Infrared Testing (IR), Magnetic Flux Leakage (MFL), Leak Testing (LT), Positive Material Identification (PMI)

Applications on Board Ships:

- Flaw and leak detection
- Thickness and structural assessment
- Remaining life estimation
- Inspection of critical components such as hull, pipelines, boilers, and machinery

The session emphasised that no single NDE method is sufficient and a combination of techniques is often required for comprehensive inspection. Real-world insights shared during the lecture highlighted the



importance of NDE in ensuring vessel safety, reliability and operational efficiency.

The programme concluded with an interactive Q&A session, reflecting strong interest among participants. The event was well received and reinforced the importance of technical knowledge sharing within the maritime fraternity.



MASSA Maritime Academy, CHENNAI

New Courses @ CHENNAI

IGF Basic & IGF Advanced (DGS Approved)

Value-added:-

Methanol Bunkering - ME Engines - WIN-GD Engines - RT Flex Engines - EEE Workshop - Preparatory for ETO CoC -

Mob: 8807025336/7200055336
Email: mmachennai@massa.net.in
Website: <http://massa-academy-chennai.com>

Marine Horizon and Seascapes' Exhibition and Competition



The 63rd National Maritime Day was commemorated on 5th April 2026 with a unique blend of art and maritime awareness through a three-day exhibition and competition titled *'Marine Horizon and Seascapes'*. The exhibition, featuring paintings and photographs by seafarers, was held at Balgandharva Rang Mandir (Kaladalan), Pune, from 5th to 7th April 2026.

The exhibition was inaugurated by **Vice Admiral Anil Jaggi, AVSM**, Commandant, National Defence Academy, along with **Mrs. Shalini Jaggi**. The event was jointly organised by The Institute of Marine Engineers (India), Pune Branch; the Pune Chapter of the Company of Master Mariners of India (CMMI); the Indian Maritime Foundation; Maha Mariners Association and Amazeng Nautical Association.

Showcasing around 130 exhibits, the collection offered a diverse and captivating portrayal of the ocean's vastness, beauty and ever-changing moods. The artworks reflected the unique experiences and perspectives of seafarers, while also promoting awareness about the

maritime sector and encouraging career opportunities at sea.

Appreciating the initiative, Vice Admiral Anil Jaggi highlighted the significance of commemorating National Maritime Day through such creative expressions. He emphasised the vital role played by mariners operating under challenging conditions and noted that India constitutes a significant share of the global seafaring





community. He also underlined the critical importance of oceans and maritime domains in driving India's economic growth and global trade.

First prize in the painting category presented by Chief Guest Shri Satish Paknikar to Capt. Ratnakar Karve

The exhibits were evaluated by eminent judges **Mr. Ravindra Prabhune** and **Mr. Sandip Awadhani**, both highly respected in the fields of painting and photography. The concluding session was graced by renowned photographer **Mr. Satish Paknikar** as Chief Guest, who distributed prizes to the winners. He described the exhibition as a remarkable amalgamation of artistic expression inspired by the vast and profound oceans,

bringing to life the beauty of the deep sea in a manner beyond words.

The event was made possible through the dedicated efforts of key organisers, including **Mr. Girish Kotwal**, Chairman, IME(I) Pune Branch; **Capt. Milind Phadnis**, Chairman, CMMI Pune Chapter; **Capt. Kiran Joshi**, Warden, CMMI; **Commodore Ajay Chitnis**, SC, NM, President, IMF; **Capt. Harshad Patwardhan**, Chairperson, MMA and **Mr. Sanjeev Ogale**, Chairman, ANA.

The exhibition witnessed enthusiastic participation and was well attended by the citizens of Pune, who appreciated the artistic tribute to the sea and the maritime profession.



AI and Data Science: The Future of Maritime Careers



The Chennai Branch of the Institute of Marine Engineers (India) successfully conducted a Technical Meeting on 3rd April 2026 at 1800 hrs, focusing on the theme “*AI and Data Science: The Future of Maritime Careers.*” The session brought together maritime professionals, industry experts and aspiring seafarers to explore the growing impact of data-driven technologies in the maritime sector.

Mr. S. Ramesh, Hon Secretary, IME(I), Chennai commenced the meeting by introducing the concepts and ground rules of online technical meeting. The event commenced with a welcome address by **Mr. R. Muthusamy**, Chairman, IME(I) Chennai, who highlighted the importance of embracing emerging technologies to remain relevant in an evolving maritime landscape. This was followed by the introduction of the Chief Guest, **Mr. Sunil Kumar**, Vice President, IME(I) and Head, Training & Assessment, The Great Eastern Shipping Co. Ltd. who addressed the gathering and emphasised the critical role of innovation, digitalisation and data analytics in shaping the future of the maritime industry.

The highlight of the session was an insightful presentation by **Mr. Venkat Krishna Soundarraja** (FIMarE), Chief Data Officer, Volteo Maritime and a veteran Chief Engineer turned Data Scientist. His talk provided a comprehensive understanding of how data flows from ship to shore, how it is analysed and the practical applications

of data science in maritime operations. He elaborated on key aspects such as predictive maintenance, operational efficiency, safety enhancements and decision-making driven by real-time data.

The session also addressed important questions related to the parameters that can be analysed, the processes involved in data handling and the skill sets required for maritime professionals to transition into data-centric roles. The speaker emphasised the advantages of domain expertise, particularly how experienced marine engineers can leverage their knowledge to excel in data science applications within the industry.

Mr. Dinesh K.R., Committee Member, IME(I), Chennai moderated the Q & A Session where the participants raised questions on the topics. Participants actively interacted with the speaker, seeking clarity on career prospects and the pathway to becoming proficient in this emerging field. The meeting concluded with a vote of thanks from **Cdr. Kamalakannan Meenatchi Sundaram**, Committee Members, IME(I) who thanked the Chief Guest, Speaker and all participants for taking great interest in the proceeding and making the technical meet a grand success.

The technical meeting served as a valuable platform for knowledge sharing and underscored the significance of AI and data science in transforming maritime careers, encouraging professionals to upskill and adapt to the changing industry dynamics.



**THE MOST PROMISING
MARITIME TRAINING INSTITUTE**

**RANKED GRADE A1
(OUTSTANDING)**

**D. G. Shipping
Approved Course**

**Basic Training for Ships using Fuels covered
within IGF code Course Id - 5311**

**Course Dates: 4th - 8th May 2026/ 18th - 22nd May
2026/ 1st - 5th June 2026/22nd - 26th June 2026**

5 Days

**COURSE FEE
RS. 15550/-**

For Booking, visit: <https://imare.in/>

For any queries:



training@imare.in



022 2770 1664 & 27711663



8454847896



**IMEI HOUSE, Plot No.94, Sec-19, Nerul,
Navi Mumbai - 400 706**

Visit: <https://imare.in/>

DGS Surveyors Engage with NCV Candidates at IME(I) to Chart Future Career Paths



On 11th April 2026, The Institute of Marine Engineers (India), IME(I) hosted a focused interaction session between senior surveyors from the Directorate General of Shipping and Marine Engineering Officer (MEO) candidates from the Near Coastal Voyage (NCV) stream at the IMEI House, Nerul to discuss and address the concerns of Near Coastal Voyage (NCV) candidates. The session featured **Mr. Shirish Kumar** (Dy. Chief Surveyor – MMD, Mumbai) and **Mr. Mugilrajan Devarajan** (E& S.S. cum DDG (Tech.) DGS), alongside leadership from IME(I). Basically, the interaction session was centred on the Flow Diagrams (FD) outlined in DGS Order 9 of 2024

Key Participants: Leadership from IME(I), including **Mr. Rajeev Nayyar** – Immediate Past President, IME(I), **Mr. Mohan Singh Pal** – Director (M.E.&T.), IME(I), **Mr. U. S Singh**- Head of Department (HOD) METC,

Mr. Haresh Sadhwani- Faculty Member, **Mr. S. S. Pai**- Faculty Member and **Ms. Anukampa Mallick** -Dy. General Manager (Training), IME(I) and candidates of MEO Class IV (NCV) and MEO (SEO-NCV).

The session aimed to demystify certification pathways and gather feedback on the transition between different competency levels and address the practical challenges faced by NCV aspirants.

The primary focus of the session was to walk candidates through the updated Flow Diagrams (FD) outlined in DGS Order 9 of 2024 that govern the NCV certification scheme. The various entry points into the NCV Certification scheme were explained by the DGS surveyors to ensure candidates understood the foundational requirements for their respective cadres.





Additionally, they provided a step-by-step breakdown of the process for obtaining a Certificate of Competency (CoC).

During the interaction MEO Class IV(NCV) candidates requested that sea service on vessels exceeding 3000 kW be counted toward certification following their 4-month MEO Class IV (NCV) Part A course and 6-month TAR book contract.

There was a request for a specific bridging course to upgrade MEO Class IV (NCV) competency from 3000 kW to 8000 kW.

To minimize delays, candidates requested that the MEO SEO (NCV) bridging course be combined with Part A and B courses. Candidates could then attend the bridging course immediately after their Part A and Part B studies, get the endorsement, and go for sailing before appearing for the final examination.

The DGS surveyors noted these points and provided assurances that maximum possible support would be given.

DGS & IME(I) Support

DGS surveyors advised that service on higher kW vessels could be accepted provided candidates submit the company's **Safe Manning Documents**. In a show of support, IME(I) agreed to assist candidates in providing the standard documents.

From NCV to Global Shipping

A major highlight was the discussion on the **NCV to Foreign Going (FG) pathway**. Surveyors encouraged candidates to view the NCV stream as a starting point rather than a destination. With the existing



DGS guidelines, an NCV officer can transit to the FG stream, eventually reaching the rank of Chief Engineer on unlimited power vessels—effectively bridging the gap between coastal and global maritime careers.

The session successfully bridged the gap between regulatory mandates and practical candidate needs, focusing on reducing “wait-times” and optimizing sea-time recognition for NCV officers.



63rd National Maritime Day Celebrated with Grandeur in Goa



The 63rd National Maritime Day was celebrated with great enthusiasm on 5th April 2026 at Ravindra Bhavan, Baina, Goa, under the aegis of the National Maritime Day Celebrations Committee, Goa.

The event was graced by **Chief Guest Shri Pusapati Ashok Gajapathi Raju**, Hon'ble Governor of Goa. **Shri Kaushik Seal**, President, IME(I) attended as the Guest of Honour. The function was presided over by **Shri Sudhir Kumar Shrivastava**, Dy. Chief Surveyor cum Sr. DDG (Tech), MMD, Goa.

The celebration marked the spirit and contributions of India's maritime fraternity, highlighting the sector's vital role in national growth and global trade. The event witnessed participation from distinguished dignitaries, maritime professionals and stakeholders.

The event ended with spectacular dance performances by a local dance troupe.



IME(I) Presence Marked a Great Seat at AAROHAN 2.0



The maritime world converged at **Aarohan 2.0 - International Maritime Conference, Award & Felicitation 2026** – , a landmark gathering that reflected the spirit of collaboration, innovation and collective progress shaping the future of global shipping.

Shri Kaushik Seal, President, IME(I), represented the institute at this prestigious forum, engaging with global maritime leaders, innovators and policymakers.

His presence not only highlighted IME(I)'s growing global footprint but also reaffirmed the commitment

to empowering marine engineers, fostering knowledge exchange and driving sustainable transformation across the maritime industry.

The event beautifully captured the essence of the maritime community—where experience meets innovation and leadership meets vision. The felicitation ceremony stood as a testament to excellence, recognising individuals who continue to inspire and elevate the standards of our industry.



A Motivational Interaction with Future Maritime Professionals



The President of The Institute of Marine Engineers (India) **Shri Kaushik Seal**, visited the Institute of Maritime Studies (IMS), Goa, where he interacted with faculty members and cadets.

During the visit, valuable insights were shared on the evolving maritime industry, with emphasis on continuous learning, skill development and professionalism. Cadets were encouraged to uphold high standards of discipline,

safety and technical competence as they prepare to join the global maritime workforce.

The interaction provided students with an opportunity to gain guidance from industry leadership and better understand current trends and expectations in the maritime sector. The visit was well appreciated by both faculty and cadets, leaving a positive and motivating impact.



Passing Out Parade Highlights Future of Maritime Excellence



The Institute of Marine Engineers (India) proudly acknowledges the Passing Out Ceremony of the Class of 2022–26 at the Indian Maritime University, Kolkata Campus (Erstwhile DMET/MERI), held on 13th March 2026. The occasion marked a defining milestone as a new generation of marine engineers formally stepped into the global maritime arena.

The ceremony reflected years of rigorous academic pursuit, technical training and disciplined grooming, culminating in a parade conducted with exemplary precision and adherence to the finest naval traditions.

The event was graced by Chief Guest **Shri Shyam Jagannathan (IAS)**, Director General





of Shipping, Government of India, whose address underscored the critical responsibility of the young officers to uphold technical excellence, professional integrity and ethical standards in their careers.

A key highlight of the ceremony was the Anchor Formation presented by the Sainyayatris Contingent, symbolizing strength, stability and the enduring values of the maritime profession. The ceremonial proceedings were further elevated by the Sainyayatris Band, adding dignity and precision to the occasion.

Distinguished dignitaries present included Ponnada Sriramulu, Shri Kuldeep Singh, Inland Waterways Authority of India, Shri Iqbal Singh Chauhan, representatives from the American Bureau of Shipping, Shri Sameer Dhole,

officials from Mercantile Marine Department Kolkata, Bank of Baroda along with eminent industry leaders, academicians and members of the DMET alumni fraternity.

On this significant occasion, **Shri Kaushik Seal**, President of IME(I), extended his congratulations to the graduating cadets. The ceremony also recognised outstanding cadets with awards for academic excellence, technical proficiency and overall performance—honouring years of dedication and hard-earned merit.

IME(I) reiterates its commitment to fostering maritime professionalism and supporting institutions like IMU in shaping the future of the industry.



Global Maritime Leaders Unite to Shape the Future of Skills and Workforce



The sixth edition of *Future Skills Maritime (FSM 6.0)*, widely recognised as #FSM, concluded successfully on **13th and 14th March 2026** at the scenic Holiday Inn Resort, Mobor Beach, Cavelossim, South Goa. Organised by *The Naval Connection*, the two-day global maritime conference brought together an influential cross-section of industry leaders, policymakers, seafarers, training institutions and aspiring maritime professionals, reinforcing its stature as India's premier platform focused on the future of maritime skills, talent, and workforce transformation.

With **CSL METI** as the **Platinum Partner** and supported by leading maritime organisations and global service providers, FSM 6.0 created a dynamic environment where industry experience converged with emerging talent. The event witnessed participation from key institutions and associations including **FOSMA**, **MASSA** and the **Maritime Union of India (MUI)**, further strengthening its position as a collaborative industry platform.

The conference commenced with a high-impact inaugural segment featuring participation from senior leadership across the maritime ecosystem, including **Shri Satish Devdas Kamath**, Deputy Chief Surveyor & Senior Deputy Director General (Tech), DG Shipping, alongside distinguished guests such as **Prof. Dr. Mangesh Karad**, Executive President & Pro-Chancellor, MIT ADT University and senior representatives from **Cochin Shipyard Limited** and **The Great Eastern**

Shipping Company. Leadership representation from major global maritime organisations—including **Bernhard Schulte Shipmanagement**, **Synergy Group**, **Maersk Fleet Management** and **Seaspan Crew Management India**—added significant depth to the dialogue, with industry stalwarts such as **Capt. Sankalp Shukla** (Chairman, FOSMA), **Capt. Rajesh Tandon** (CEO, FOSMA), **Capt. Girish Phadnis** (Chairman, MASSA) and **Capt. Tushar Pradhan** (General Secretary, Maritime Union of India) contributing to the discourse.

As discussions unfolded, FSM 6.0 featured a series of insightful keynote sessions and panel discussions addressing critical themes such as **workforce readiness**, **leadership transformation**, **behavioural competencies** and **the evolving human element in shipping**. Industry experts including **Capt. Sartaj Gill**, **Capt. Arvind Shankar**, **Capt. Prerit Misra**, **Mr. Devesh Gautam**, **Ms. Anna Ruszczńska**, **Mrs. Vaijayanti Naik** and **Ms. Namrata Shiv Patil** shared valuable perspectives on shaping the future maritime workforce, particularly focusing on mindset, culture and behavioural excellence in seafaring.

The dialogue further deepened with participation from leading maritime professionals and subject-matter experts such as **Dr. Vijay Belani**, **Capt. Naresh Kumar**, **Capt. K. Budwal**, **Ms. Depti Khanvilkar**, **Capt. Shri Prakash**, **Mr. Subramaniam Krishnan**, **Ms. Pooja Gautam** and **Mr. Darren Yap**, who addressed emerging challenges around seafarer health, operational risk

and the growing importance of emotional intelligence and leadership in maritime careers. These sessions highlighted the urgent need for industry-aligned training and holistic skill development.

A strong representation from global ship management companies and maritime service providers—including **OSM Thome, Anglo Eastern Ship Management, MMS Maritime, Wilhelmsen Ship Management, Dynacom Tankers, MSC Crewing Services and JM Baxi Group**—further enriched the conversations. Senior professionals such as **Capt. Mohan Naik, Mr. Vineet Gupta, Mr. Maneesh Pradhan, Capt. Karan Kochhar, Capt. (Dr.) Sankalp Shukla and Capt. Shiv Halbe**, along with experts from organisations like **OneOcean, Enmarol Petroleum, Fleet Management Limited and Maersk FPI**, contributed to discussions on crewing, training innovation, digitalisation and operational excellence.

The second day of the conference began with the presence of **Capt. Venzy Viegas, Hon'ble MLA from the Benaulim Constituency** and notably India's only Master Mariner serving as a Member of the Legislative Assembly. Addressing the gathering, Capt. Viegas emphasised the strategic importance of the maritime sector to Goa and highlighted the strength of the state's seafaring community. He extended a strong invitation to global maritime companies and investors to establish their presence in Goa, assuring full support from the state administration, while also encouraging closer collaboration with industry bodies such as FOSMA, MASSA and MUI.

Further sessions during the day explored critical themes including **medical fitness and risk management,**

behavioural competencies, trust-building between ship and shore teams, compliance challenges and the transition to alternate fuels. Eminent industry professionals such as **Capt. Kisan Karnad, Dr. Sanjay Bhavnani, Mr. Sunil Kumar, Mr. David Birwadkar, Capt. Pradeep Correa, Capt. Dinesh Jairam, Capt. (Dr.) Arun Mehta, Capt. Manoj Gandhi, Capt. Kunal Katyal and Mr. Vineet Gupta** shared practical insights on navigating operational realities while preparing the workforce for future challenges.

One of the most engaging sessions of the conference was the candid seafarer–shore exchange, moderated by **Capt. Rajesh Tandon**, featuring industry voices including **Capt. Savio Ramos, Mr. Maneesh Pradhan, Capt. Karan Kochhar and Capt. Sankalp Shukla**, which highlighted real-world challenges faced onboard and ashore, fostering a deeper understanding between stakeholders and reinforcing the importance of collaboration and communication.

The conference concluded with awards, recognitions and closing reflections, acknowledging the contributions of partners, speakers, and participants who played a key role in making FSM 6.0 a success. The event culminated in the much-anticipated Grand Engagement Beachside Cocktail Dinner, where delegates celebrated two days of meaningful dialogue in a vibrant and informal setting, marked by music, cultural experiences and strong industry camaraderie.

FSM 6.0 also witnessed global participation through live streaming, enabling engagement from international audiences and further expanding its global footprint.

Glimpses of the Event







Shaping the Future: INSA's 6th Technical Paper Competition 2026



The Indian National Shipowners' Association (INSA) successfully organised the 6th edition of its Technical Paper Presentation Competition on 21st March 2026, reaffirming its continued commitment to fostering a culture of research, innovation and technical excellence among pre-sea maritime students. Conducted under the aegis of the Research & Training Committee, the competition provided a distinguished platform for aspiring maritime professionals to present forward-looking ideas addressing contemporary and emerging industry challenges.

The programme commenced with the opening of the event by **Mr. Sunil Kumar, Head** – Training & Assessment, GESCO, who, as the Master of Ceremony, warmly welcomed the dignitaries, participants and attendees and set a professional and engaging tone for the proceedings. This was followed by the welcome address delivered by **Mr. Anil Devli, CEO, INSA**, who highlighted the significance of such initiatives in nurturing analytical thinking, technical competence and innovation among maritime cadets.

The event was formally inaugurated by the Chief Guest, **Shri Shyam Jagannathan (IAS)**, Director General of Shipping, who emphasised the evolving dynamics of the maritime sector and the importance of equipping

future professionals with sustainable and technology-driven solutions.

Dr. B.K. Saxena, Chairman – Training & Research Committee, INSA, provided a comprehensive overview of the competition, outlining its objectives and the relevance of the themes presented. To ensure the seamless conduct of the programme, **Mr. David Birwadkar**, Ex-Chairman, IME(I) Mumbai Branch and Member, INSA R&T Committee, clearly explained the rules, evaluation parameters and presentation methodology, thereby ensuring clarity and uniformity in the assessment process.

The competition featured a series of well-researched and insightful technical paper presentations by cadets representing premier maritime institutes across the country, including Tolani Maritime Institute, Indian Maritime University (Navi Mumbai and Kolkata campuses), Seven Islands Maritime Training Institute, and Jeyanthinather Academy of Marine Studies. The topics reflected key industry priorities such as sustainability, digital transformation, alternative fuels, artificial intelligence and advancements in marine engineering systems and ship operations.

Each presentation was followed by an interactive discussion, allowing participants to engage with the

panel and demonstrate depth of understanding. The overall standard of research and presentation reflected both academic rigor and practical relevance.

During the mid-session interval, an industry-focused presentation by Mr. Sunil Kumar offered valuable insights into current maritime trends and expectations from future professionals.

The event concluded with observations by **Dr. Sujata Naik**, Chairperson – Tolani Shipping and Director, INSA,

who commended the participants for their innovative contributions. The panel of judges, comprising **Mr. I.N. Bose, Mr. D. Mehrotra, Mr. A.B. Dutta, Capt. Kishore and Mr. C.R. Dash**, shared their expert feedback and insights.

The results were announced by **Mr. Birwadkar**, followed by a vote of thanks by **Mr. Lokanath Tripathy**, Head of Offshore Logistics Services, GIL, marking the successful conclusion of the event.

Technical Paper Presentations – 2026

S. No.	Paper Title	Cadets	Institute
1	Thermal Enhancement and Reduced Maintenance in Shell-and-Tube Heat Exchanger Tubes	Cdt. Dibyajyoti Rano, Cdt. Mohit Parihariya, Cdt. Parth Sareen	Tolani Maritime Institute
2	Innovating for a Sustainable and Smart Marine Future	Cdt. Tejashava, Cdt. Yesh	Indian Maritime University, Navi Mumbai
3	Real-Time Detection of Catalytic Fines in Marine Fuel Using In-Line NMR Sensor Technology	Cdt. Benaka Patel SK, Cdt. Vasu Raturi, Cdt. Aanya Awasthi	Tolani Maritime Institute
4	Smarter – Stronger – Greener: The Future of Ship Design and Structural Innovation	Cdt. Nayan Das, Cdt. Niranjan H L, Cdt. Nirbhay Kumar Roy	Indian Maritime University, Kolkata
5	Autonomous Navigation Using Sensor Fusion and Deep Reinforcement Learning for Collision Avoidance	Cdt. Aryan Singh, Cdt. Darshan Upadhyay, Cdt. Harsh Arekar, Cdt. Sahil Idrisi	Seven Islands Maritime Training Institute
6	Mechanical Integrity Assessment of Hydrogen-Ready Marine Fuel Systems	Cdt. Dushantpreet Singh, Cdt. Sukhmandeep Singh, Cdt. Kriti Kamboj	Tolani Maritime Institute
7	Human-Centric Innovation for Safer and Smarter Marine Operations	Cdt. Crispin Pramod Ronad	Jeyanthinather Academy of Marine Studies
8	Enhancing Navigational Preparedness Amidst Evolving Digital Technologies	Cdt. Bhumik Saini, Cdt. Manshi Tiwari, Cdt. Sajal Kumar Thakur, Cdt. Janhavi Nilesh Koli	Seven Islands Maritime Training Institute
9	A Unified Framework for Next-Generation Maritime Operations	Cdt. Vinayak Saklani	Indian Maritime University, Navi Mumbai
10	Hybrid Marine Energy Harvesting Hull (HMEHH)	Mohit Parihariya, Dibyajyoti Rano, Parth Sareen, Rishi Kumar	Tolani Maritime Institute
11	Zero-Emission Shipping Concepts and Pathways	Cdt. Sanskar Jaikumar Malvade, Cdt. Saptadip Mandal, Cdt. Shiva Yadav, Cdt. Atul Kumar	Indian Maritime University, Navi Mumbai
12	Dynamic Load Amplification in Windlass Systems During Deep-Water Anchoring	Cdt. Dushantpreet Singh, Cdt. Sukhmandeep Singh, Cdt. Kriti Kamboj	Tolani Maritime Institute

Winners – INSA Technical Paper Presentation Competition 2026

Position	Paper Title	Cadets	Institute
1st Prize	Real-Time Detection of Catalytic Fines in Marine Fuel Using In-Line NMR Sensor Technology	Cdt. Benaka Patel SK, Cdt. Vasu Raturi, Cdt. Aanya Awasthi	Tolani Maritime Institute

Position	Paper Title	Cadets	Institute
2nd Prize	Enhancing Navigational Preparedness Amidst Evolving Digital Technologies; Addressing GPS Spoofing through Adaptive AI	Cdt. Bhumik Saini, Cdt. Manshi Tiwari, Cdt. Sajal Kumar Thakur, Cdt. Janhavi Nilesh Koli	Seven Islands Maritime Training Institute
3rd Prize	Dynamic Load Amplification in Windlass Systems During Deep-Water Anchoring	Cdt. Dushantpreet Singh, Cdt. Sukhmandeep Singh, Cdt. Kriti Kamboj	Tolani Maritime Institute

Special Recognition (As per Evaluation Sheet)

Category	Paper Title	Cadets	Institute
Consolation	Smarter – Stronger – Greener: The Future of Ship Design and Structural Innovation	Cdt. Nayan Das, Cdt. Niranjan H L, Cdt. Nirbhay Kumar Roy	Indian Maritime University, Kolkata
Consolation	Human-Centric Innovation for Safer and Smarter Marine Operations	Cdt. Crispin Pramod Ronad	Jeyanthinather Academy of Marine Studies
Consolation	Thermal Enhancement and Reduced Maintenance in Shell-and-Tube Heat Exchanger Tubes	Cdt. Dibyajyoti Rano, Cdt. Mohit Parihariya, Cdt. Parth Sareen	Tolani Maritime Institute





Workshop on Mental Well-being of Seafarers



The Institute of Maritime Studies (IMS), Goa, under the Society for Industrial and Technical Education (SITEG), organised a focused workshop on mental resilience and emotional well-being for young seafarers on 8th April 2026.

Recognising the evolving demands of the maritime industry, the workshop highlighted that technical competence alone is no longer sufficient for success at sea. The initiative brought together maritime professionals and trainers to address





psychological challenges such as isolation, demanding work conditions and extended periods away from family.

Delivering a keynote address, former IMS Goa Director **Mr. Dipak Shah** emphasised the importance of emotional strength alongside professional skills. He encouraged seafarers to focus not only on career



growth but also on building resilience and a balanced outlook towards life at sea.

The workshop underscored a growing shift in maritime training towards holistic development, integrating mental well-being with technical expertise, and was well received by participants from the maritime community.



Obituary



Capt. J. C. Anand

The Institute of Marine Engineers (India) expresses its profound sorrow on the passing away of **Capt. J. C. Anand**, Hon. Fellow of the Institute and a revered stalwart of the Indian maritime fraternity.

A visionary leader and pioneer, Capt. Anand made immense contributions to the maritime sector. His unwavering commitment to excellence and his dedication to the profession have left an indelible mark on generations of seafarers.

His long and distinguished association with the Institute was a matter of great pride and inspiration to all its members.

He will be remembered with deep respect, admiration and gratitude for his exemplary service and legacy.

The Institute conveys its heartfelt condolences to the bereaved family. May his noble soul rest in eternal peace.



The Institute of Marine Engineers (India)

CONTACT DETAILS

For General Queries:

(Except Courses, TAR Book, Membership and MER / iMélange):
The Institute of Marine Engineers (India) "IMEI House"
Plot No. 94, Sector-19, Nerul, Navi Mumbai – 400706, India
Phone: +91 22 2770 1664, +91 22 2770 6749
E-mail: hgs@imare.in

For Training/Admission:

Training Programmes:

The Institute of Marine Engineers(India) "IMEI House "
Plot No. 94, Sector-19, Nerul, Navi Mumbai – 400 706, India.
Phone: 022 – 27711663 / 27701664
Mobile No.: +91 – 9967875995 | E-mail: training@imare.in

For Membership Queries:

The Institute of Marine Engineers(India) "IMEI House"
Plot No. 94, Sector-19, Nerul,
Navi Mumbai – 400 706, India
Phone: +91 22 2770 1664, +91 22 2770 6749
E-mail: membership@imare.in

Send your Articles to:

The Institute of Marine Engineers(India) "IMEI House"
Plot No. 94, Sector-19, Nerul,
Navi Mumbai – 400 706, India
Tel.: +91 22 2770 1664 | Fax: +91 22 2771 1663
E-mail: editormer@imare.in / associateeditor@imare.in

For iMélange Queries and Articles:

The Institute of Marine Engineers(India) "IMEI House"
Plot No. 94, Sector-19, Nerul,
Navi Mumbai – 400 706, India
Tel.: +91 22 2770 1664
E-mail: editornewsletter@imare.in / associateeditor@imare.in



IME(I) House, Nerul, Navi Mumbai