

# Joint Seminar on “New Technology for Efficient Maritime Management”

Kolkata



On November 4, 2023, the Kolkata branch of The Institute of Marine Engineers (India) hosted a seminar on the theme “**New Technology for Efficient Maritime Management.**” Organised in collaboration with the Institution of Engineers (India), West Bengal State Centre, Marine Engineering Division, the event unfolded at the Indian Maritime University’s Kolkata Campus, featuring a Technical Paper Competition alongside the insightful seminar.

The session was inaugurated by **Mr. Gautam Sen**, Chairman, Institute of Marine Engineers, Kolkata Branch. He welcomed all dignitaries and guests. **Mr. S. K. Sarkar**, Executive Committee Member, IME(I), Kolkata Branch, conducted the ceremony.

**Mr. A. Srinivasa Prasad**, E&SS cum DDG (Technical), MMD Kolkata, in his keynote address, highlighted various modern developments in management of the maritime industry. He presented a lucid view of blockchain, the internet of things, IoS and alternative fuels.

The Patron of the event, **Rear Admiral Dr. Rangachari P. J. (IN Retd)**, Campus Director of IMU, Kolkata Campus (erstwhile DMET / MERI), in his address, mentioned the role of IMU(KC) towards improving the quality of maritime education and training.

The Chief Guest, **Dr. Biswajit Ghose**, Vice Chancellor of The Neotia University, Kolkata, advised the cadets to grow with modern technology, but not at the cost of humanity.

**Mr. Rajeev Nayyar**, President, IME(I) in his message, said “I am thrilled to see the diverse range of topics that the papers will explore, from blockchain technology, IoT, and automated stowage planning to PMS and even the use of modern fuels like ammonia.

It’s evident that these cadets are being equipped to become future-ready seafarers with a strong focus on technological advancements”.

There were five technical papers presented in the Seminar. Three teams from IMU (Kolkata Campus) and two teams from The Neotia University, Kolkata presented technical papers on various modern topics like Blockchain Management, Internet on Ships, Alternative Fuels, Automated Stowage Planning, PMS on Ships. The presentations were very informative.

A Team led by Cdt. Shashank Shekhar Jha, of IMU (Kolkata Campus), won the first prize for their paper “Block Chain Applications in Maritime Supply Chain - A Data-driven Approach to Efficient Maritime Management”. Another team led by Cdt. Ankush Pal, from The Neotia University, Kolkata, won the second prize for their paper “Internet of Things or Internet of Ships for Increasing Efficiency of Management of Shipboard Operations”.

**Mr. Anukul Hoon**, CEO of Hoon Maritime Institute, the prize sponsors, was the chief judge of the competition, and gave away the prizes to the winners.

**Mr. A. K. Sarkar**, Vice Chairman, IME(I), Kolkata Branch, proposed a vote of thanks.

