

DEPARTMENT OF NAUTICAL SCIENCE, AMET

REPORT – ICSNS 2021

The Department of Nautical Science, AMET University organized the International Conference for Shipping and Trade - ICSNS 2021 on July 23, 2021, with the theme "Embracing Technological Enhancement." The conference drew participation of experts across the globe.

Capt. K. Karthik, Vice Principal, DGS Course, AMET, expressed his delight in welcoming all the international guests and dignitaries and saluted the seafarers for constantly up skilling themselves in order to embrace the current and future technology as a cheerful challenge.

Col. Dr. G. Thiruvassagam, President of the Association of Indian Universities (AIU) and Vice Chancellor of AMET, delivered the inaugural and presidential addresses. His speech focused on strengthening and developing the controllable technological aspects of the industry in order to achieve greater efficiency. He stated that any technology's marketing strategy must be cost effective in order to be successful. With digitalization holding the potential of making or break an organisation, he highlighted the importance of professional development in order to handle these rapidly evolving technologies.

Mr. Glenn Blackwood, Chair (IAMU), was the day's special guest, and due to time zone constraints, his speech was delivered through video recording. He correctly stated that 72 percent of the world's water is the source of 70% of global trade, making the development of the ocean sector essential. The key word in MET (Maritime Education and Training) was "And," according to him, because it highlighted that only a good combination of both would be able to keep up with future technological developments.



Mr. Glenn Blackwood



Col. Dr. G. Thiruvassagam

Capt Gajanan Karanjikar, Founder President, AIMPA, welcomed the Guest of Honour – **Capt Jeanine Drummond, M.D. and Marine Advisor, Integral Marine Pvt. Ltd., Australia**, he highlighted the relevance of the human component in the development of technology overall.



Capt. Jeanine Drummand, Managing Director, and Principal Marine Advisor, Integral Marine Pty Ltd, Australia, She has focussed on the importance of Human Factor in the overall development of the Technology. It was up to the human factor to preserve the safety factor as the ships grew in size, whether onboard or ashore. Her example of the COVID pandemic as a catalyst for increased technological reliance demonstrated that people are increasingly adopting a modern perspective.

The conference then went on to the paper presentation session, which featured student participants from all over the world demonstrating their expertise in current technology and ways to adapt to the developing industry in two different tracks.

Capt Luis G Evidente, Administrator and Academician, John B Lacson Colleges Foundation, Philippines, Chairperson for the session delivered the Keynote address. His address focused on the importance of collaboration and global commitments in influencing supply chain technology and increasing the efficiency required by stakeholders.



Capt Luis G. Evidente



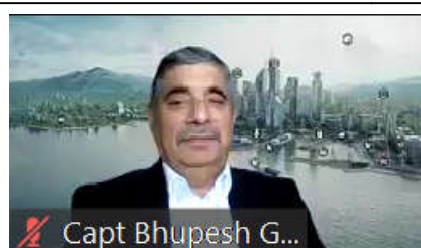
Capt. Prof. Dr. HJ. Zulkifly

Capt. Prof. Dr. HJ. Zulkifly Bin Mad Radzi, Director, MREC, National Defence University, Malaysia, in his keynote address on the theme maritime education and training, highlighted Albert Einstein, who stated that adequate training can only be achieved by the acquisition of necessary skills and the actual application of knowledge learned through education.

In the post lunch technical session, **Capt. Dmytro S. Zhukov, Associate professor and Lecturer, Odessa Maritime Academy,** emphasised on the current and future issues in maritime education and training, with a focus on the use of simulators. He remarked that digitalization improves safety and security and that he was open to the idea of remote control.



Capt Dmytro S. Zhukov



Capt Bhupesh Gandhi

Capt. Bhupesh Gandhi, Founder, Group Nautical Pte Ltd, addressed about the use of technology in maritime training, citing the scenario of a pandemic as an example of quick advancement toward digitalization. His idea of combining CBT training, ISM-based training, and other MTI training with simulators will aid in enhancing the efficiency of seafarers' technical knowledge.

Dr. Cristina Dragomir, Associate Professor, Constanta Maritime University, Romania, who spoke about the importance of digitalization and the emergence of the new 'Algorithmic Age' and its application in the shipping industry, spoke about the importance of digitalization and the emergence of the new 'Algorithmic Age' and its application in the shipping industry. She believed that keeping up with the time differences in change of legislation was critical for maritime leaders to stay up with technological advancements.



Dr. Cristina Dragomir



Mr. Abhijit Ghosh

Mr. Abhijit Ghosh, Chief Engineer at Wallem Groups, made a speech on Decoding Digital Transformation and Innovation. He concentrated on enterprise design, namely when and how technology should be adopted for long-term success. With so much data at our fingertips these days, he believes it's critical to have a goal and vision that are aligned, as well as the potential to create new opportunities.



Dr. Jayaprakashvel



Capt Arun Bhatnagar

Dr. Jayaprakashvel, Registrar, AMET, delivered the **Valedictory address**, paid tribute to the industry's professionals. He felt confident that, in a constantly changing world, only technological advancement could preserve civilisation and lead to a more sustainable society.

Capt. Arun Bhatnagar, the chief guest of the Valedictory session, has spoken embracing technological advancement. His instances of ever-increasing technological change, such as the replacement of RADAR with HD cameras and radio phones with smart phones, demonstrated that mariners have always been good at adjusting to changing technologies. He proposed the 3Rs approach: rethink, reprioritize, and reorganise.

The conference came to close with a loud round of appreciation to all the faculty coordinators of nautical science department and the cadet coordinators for organizing the virtual conference in a meticulous way.

