



25th
**ANNUAL
GENERAL
ASSEMBLY**
CHENNAI | INDIA

IAMU

AMET University
Chennai, India

AGA 25

14th – 18th OCTOBER 2025

DISRUPTIVE TECHNOLOGIES AND INNOVATIONS
TOWARDS SUSTAINABLE MARITIME PRACTICES

General Information

The International Association of Maritime Universities (IAMU)

General Information

AMET UNIVERSITY

14th - 18th October, 2025

Organizing Committee AGA 25



Dr. J. Ramachandran

Chief Patron, AGA 25
Founder & Chancellor
AMET University, Chennai, India



Dr. Rajesh Ramachandren

Patron of AGA 25
President, AMET University
Chennai, India



Col. Dr. G. Thiruvassagam
President, AGA 25
Provost, AMET University
Chennai, India



Dr. Deepa Rajesh
Program Editor, AGA 25
Vice President
(Academics)
AMET University
Chennai, India



Dr. V. Rajendran
Vice Chancellor
AMET University
Chennai, India



Dr. V. Sangeetha Albin
Registrar
AMET University
Chennai, India



Capt. K. Karthik
Principal
AMET Institute of
Science and Technology
Chennai, India



Capt. Gopal Srinivas
Principal
AMET University
Chennai, India



Capt. V. Chandrasekhar
Principal
AMET City College
Chennai, India

Theme

Disruptive Technologies and Innovations towards Sustainable Maritime Practices

Organization

Committees

To make the AGA 25 a success, the Academy of Maritime Education and Training (AMET) University, as the host, Organized Local Executive Committee and International Programme Committee with the Cooperation of IEB members and members of the working groups supervised by Academic Affairs Committees.

International Program Committee (IPC)



Dr. Boris Svilicic
Chief Program Editor
Faculty of Maritime Studies
University of Rijeka
Croatia



Dr. Reza Emad
Australian Maritime College
University of Tasmania
Australia



Dr. Manel Grifoll
Barcelona School of
Nautical Studies
University of Catalonia
Spain



Dr. Graham Benton
Cal Poly Maritime Academy
USA



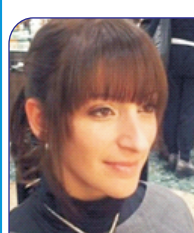
Dr. Samrat Ghosh
Australian Maritime College
University of Tasmania
Australia



Dr. Matthew Rooks
Faculty of Oceanology
Kobe University
Japan



Prof. Johan Bolmsten
World Maritime University
Sweden



Dr. Tina Peric
Faculty of Maritime Studies
University of Split
Croatia



Prof. Dr. Nafiz Arica
Rektör,
Piri Reis Üniversitesi
Turkey



Dr. Deepa Rajesh
Program Editor and
Vice-President (Academics)
Academy of Maritime Education
and Training (AMET) University
India

Local Executive Committee (LEC)



Dr. J. Ramachandran

Lead of LEC



Dr. Rajesh Ramachandren

Lead of LEC



Col. Dr. G. Thiruvassagam

General Chair LEC



Dr. Deepa Rajesh

General Chair LEC



Dr. V. Rajendran

Programme Chair



Dr. T. Sasilatha

Scientific Programme Chair



Capt. K. Karthik

Student Program Chair



Dr. M. Jayaprakashvel

Digital Chair



Dr. V. Sangeetha Albin

Digital Chair



Dr. R. Muthazhilan

Conference
Committee Assistant



Dr. J. Rengamani

Conference
Committee Assistant

IAMU ANNUAL GENERAL ASSEMBLY (AGA)

The Annual General Assembly (AGA) is a forum to allow the exchange of information, policy approvals, and the development and fostering of good relations and collaboration among IAMU member universities.

The Plenary Session, President's Forum, Project Presentations and IAMU Conference (IAMUC) are the main components of AGA. The IAMU Student Program (IAMUS) may be jointly organized by the host university.

PLENARY SESSION

The Plenary Session provides all staff of member universities with an opportunity to review activities of IAMU and to approve IAMU policies, programs and budget as recommended by the International Executive Board (IEB). The Chair of IAMU and the Executive Director, on behalf of IEB, report to the member universities on the decision of the IEB.

PRESIDENT'S FORUM

The President's Forum is a meeting in which the Presidents of IAMU member universities talk about issues especially on policy, direction, and activity of IAMU considering the academic relationship among member universities as well as the economic and technological developments in the international maritime community. The Local Executive Committee (LEC) of an AGA is responsible for organizing the President's Forum during the AGA.

PROJECT PRESENTATIONS

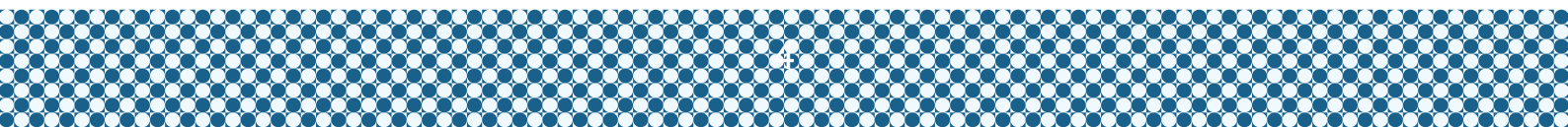
Each project coordinator/ representative of a research project shall make a project presentation in front of academic staff of member universities during the AGA, which is to improve the quality of the project.

IAMU CONFERENCE

IAMU Conference (IAMUC) provides academic staff of member universities with an opportunity to present the outcomes of their academic/ scientific research to the IAMU community. The LEC together with the International Program Committee (IPC) jointly organizes the IAMU Conference, including the selection of session topics and qualifying papers.

IAMU STUDENT PROGRAM

LEC of an AGA may organize the IAMU Student Program (IAMUS) during the AGA where students of member universities jointly participate in some events related to student's activities.



WELCOME TO AGA25

The Annual General Assembly (AGA) is the annual meeting of the International Association of Maritime Universities (IAMU). The International Association of Maritime Universities Conference (IAMUC), held annually as part of the AGA, brings together experts and official representatives of IAMU member universities from all over the world to discuss recent progress and future trends in Maritime education, training, research, and other matters within the scope of IAMU. AMET University is honored to host the 25th Annual General Assembly, IAMUC and IAMUS 2025.

This event aims to bring together global maritime leaders, academics, industry experts, and policymakers to exchange knowledge, share best practices, and foster international collaboration. The conference seeks to advance maritime education, training, research, and innovation, while strengthening partnerships that address emerging challenges and shape the future of the global maritime sector.

WELCOME TO AMET

The 25th Annual General Assembly will be a landmark event hosted by AMET University, India's first Maritime University, established in 1993. For over three decades, AMET has contributed to the maritime sector by producing skilled professionals, advancing research, and fostering innovations that serve not only India but the global maritime community. Maersk A.P. Moller, Denmark, one of the renowned and leading shipping companies of the world, have established a Centre of Excellence in collaboration with AMET University which is the first model of Centre of Excellence in the world established by a leading shipping company. Likewise, other leading shipping companies like V Ships, PIL, Fleet Management etc., are having Memoranda of Understanding and established their Centre for Training in our Campus.

HISTORICAL BACKGROUND OF THE CITY

Discover India's rich cultural heritage through maritime museums, Centres of Excellence, and industry collaborations. Experience the unique blend of multilingual and multicultural traditions that define India's maritime legacy. Chennai, the Gateway to South India, is a city where tradition and modernity blend seamlessly. From the UNESCO World Heritage Site of Mahabalipuram, known for its ancient rock-cut temples and Dravidian architecture, to the iconic Marina Beach, the world's second-longest beach, the city offers diverse experiences. Heritage landmarks like the Santhome Church and Kapaleeshwarar Temple reflect Chennai's deep spiritual and cultural roots, while the Government Museum showcases India's rich history and art. For cultural immersion, Dakshina Chitra brings alive the traditions and architecture of South India, and for nature lovers, the Arignar Anna Zoological Park offers a glimpse of biodiversity. Adding to its spiritual vibrance, ISKCON Chennai provides a peaceful retreat of devotion and meditation. Together, these attractions make Chennai a destination of history, culture, spirituality, and coastal beauty.

History of AGA

Host University		Place	Theme
AGA1	Istanbul Technical University, Maritime Faculty	Türkiye	Themes by each working group
AGA2	Kobe University, Graduate School of Maritime Sciences	Japan	Themes by each working group
AGA3	Maine Maritime Academy	USA	Themes by each working group
AGA4	Arab Academy for Science, Technology and Maritime Transport	Egypt	Enriching seafarers in the third millennium
AGA5	Australian Maritime College, University of Tasmania	Australia	Advances in International Research
AGA6	World Maritime University	Sweden	Maritime Security and MET
AGA7	Dalian Maritime University	China	Globalization and Maritime Education and Training
AGA8	Odessa National Maritime Academy	Ukraine	World Maritime Excellence
AGA9	California State University Maritime Academy	USA	Common Seas, Common Shores: The New Maritime Community
AGA10	Admiral Makarov State Maritime Academy	Russia	MET Trends in the XXI Century: Shipping Industry and Training institutions in the global environment- area of mutual interests and cooperation
AGA11	Korea Maritime and Ocean University	Korea	Technical Co-operation in Maritime Education and Training
AGA12	Gdynia Maritime University	Poland	Green Ships, Eco Shipping, Clean Seas
AGA13	Fisheries and Marine Institute of Memorial University of Newfoundland	Canada	Expanding Frontiers Challenges and Opportunities in Maritime Education and Training
AGA14	Constanta Maritime University	Romania	New Technological Alternatives for Enhancing Economic Efficiency
AGA15	Australian Maritime College, University of Tasmania	Australia	Looking...Innovation in Maritime Education, Training and Research
AGA16	University of Rijeka, Faculty of Maritime Studies	Croatia	Recent Development in International Maritime Education and Training – Enhancing the Productivity, Safety and Energy Efficiency in Maritime Transport
AGA17	Vietnam Maritime University	Vietnam	Working together: the key to enhance the quality of maritime education, training and research
AGA18	Nikola Vaptsarov Naval Academy	Bulgaria	Global perspectives in MET: Towards Sustainable, Green and Integrated Maritime Transport
AGA19	Barcelona School of Nautical Studies – Polytechnical University of Catalonia	Spain	Time for Action : A new thrust for the future of MET & Research

General Information

AGA20	IAMU Secretariat	Japan	Charting the course for the future of maritime universities: Environmental, technological, economic, social and policy impacts
AGA21	Arab Academy for Science, Technology and Maritime Transport	Egypt	Innovation and Sustainability of Maritime industry in the scope Blue economy and Green concept
AGA22	Batumi State Maritime University	Georgia	Best Practice: MET and Research for Sustainable development
AGA23	Satakunta University of Applied Sciences	Finland	Quality of the Education of Global Maritime Professionals
AGA24	Massachusetts Maritime Academy	USA	Protecting Our Mariners – Promoting Our Industry – Providing for the Future
AGA25	Academy of Maritime Education and Training (AMET) University	India	Disruptive Technologies and Innovations towards Sustainable Maritime Practices

AGA25 | IAMUC Program Schedule

14 th October, 2025 - Tuesday		
Time	Event and Location	
01:00 PM-04:00 PM	Early Registration Registration Desk in the Lobby at Radisson Blu Temple Bay Resort, Mamallapuram, Chennai, India	
07:00 PM-09:00 PM	Welcome Reception at Radisson Blu Temple Bay Resort Welcome Remarks Dr. J Ramachandran Founder and Chancellor, AMET University, Chief Patron of AGA25 Dinner at Savannah 1 Lawn	
15 th October, 2025 - Wednesday		
09:00 AM	Registration	
09:30 AM-11:00 AM	AGA25 Opening Ceremony at Ballroom (Peninsula + Goldcoast)	
11:00 AM-11:30 AM	Group Photo	Coffee Break
11:30 AM-01:00 PM	Presidents Forum at Peninsula Hall	
01:00 PM-02:30 PM	Lunch Break	
02:30 PM-04:30 PM	Plenary Session (IAMU Members Only) at Goldcoast Hall	
04:30 PM-05:00 PM	Coffee Break	
05:00 PM-06:20 PM	IAMU Project Presentations: IAMU Research Projects at Peninsula Hall	
05:00 PM-05:10 PM	Opening for Project Presentation	Christian Matthews (Head of AAC)
05:10 PM-05:20 PM	The Global Maritime Professional utility of Extended Reality Education and Training: Benchmarking of the IAMU Member Universities	Johan Bolmsten
05:20 PM-05:30 PM	MINT_OCEAN: Machine INTElligence in ship weather routing: Application to extreme OCEAN conditions	Manel Grifoll
05:30 PM-05:40 PM	Competency Development for Hydrogen powered PEM Fuel Cell Ships	M Anandan
05:40 PM-05:50 PM	Evaluation of marine engineering education in respect to the digital	Çağlar Karatuğ
05:50 PM-06:00 PM	Sustainable Energy Advancement through Hydrogen in Shipping	Aya A. El Bauomy
06:00 PM-06:10 PM	Realistic estimation of Energy Saving Device efficiency gain	Andro Bakica
06:10 PM-06:20 PM	Integration of PV Systems and Power Optimization on Vessels	Nemanja Pudar
06:30 PM	Cultural Program	
07:30 PM	Welcome Remarks Dr. Rajesh Ramachandren , President, AMET University, Patron of AGA25	
	Cocktail Dinner at the Radisson Blu Resort Lawn	

16 th October, 2025 - Thursday		
TIME	SESSION A – PENINSULA HALL	SESSION B - GOLDCOAST HALL
09:30 AM – 10:30 AM	Dr. Graham Benton Cal Poly Maritime Academy, USA	Dr. T. Sasilatha AMET University, India
09:30 AM – 09:50 AM	Luis Evidente and Emeliza Estimo Life Skills, Technological Awareness, and Attitude of Maritime Students Toward Emerging Technologies: Bases for A Proposed Academic Intervention Plan	Peter Ivar Sandell The future training needs for persons working in Remote Operation Center (ROC)
09:50 AM – 10:10 AM	Rincy Raju and Dr. Yogamala H L H L Exploring Factors Influencing Workplace Wellbeing and Mental Health Among Indian Seafarers	Sunil Kumar Panda and Sanjeet Kanungo Finding importance of factors by statistical analysis of big data – maritime accidents happened in Indian waters
10:10 AM – 10:30 AM	Germán De Melo Rodríguez, Reza Ziarati, Heikki Koivisto, Januz Uriasz, Lakhvir Singh, Amirehsan Barzegarsedigh, Amir Lazempour and Aris Chronopoulos A Framework for Continuous Improvement in Safety at Sea	Xiaoling Zhu, Keming Ma, Yushan Huang, Qiyan Wang and Qizhe Wang A Study on the Linguistic Features of IMO Legal Proposals
10:30 AM – 11:00 AM	COFFEE BREAK	
11:00 AM – 12:00 PM	Dr. Deepa Rajesh AMET University, India	Mathew Rooks Kobe University, Japan
11:00 AM – 11:20 AM	Gholam Reza Emad, Saratkumar Narayanan, Momoko Kitada and Angelica Baylon Women in Maritime: Gender Equality, its Challenges and Opportunities	Junghwan Choi Regulatory Challenges and Future Directions in Cybersecurity for Maritime Autonomous Surface Ship(MASS)
11:20 AM – 11:40 AM	Igor Vorokhobin, Dmytro Zhukov, Igor Burmaka and Volodymyr Sikirin Traditional methods to determine the ships' position and Navigation Safety	Marin Hero, Peter Vidmar and Marko Perkovic Integrating System Dynamics Into Maritime Education for Green Shipping Corridors and Decarbonization Strategies
11:40 AM – 12:00 PM	Zorica Đurović and Milena Dževerdanović Pejović Enhancing Standardized VTS Communication Skills through Digital Educational Tools	Paul Szwed, Matthew Rooks and Gregory Sholdt Navigating Beyond Borders: Cultivating Affective Competencies in Future Global Maritime Professionals through Study Away Programs

16 th October, 2025 - Thursday		
TIME	SESSION A - PENINSULA HALL	SESSION B - GOLDCOAST HALL
12:00 PM – 01:00 PM	Dr. Johan Bolmsten World Maritime University, Sweden	Dr. V. Sangeetha Albin AMET University, India
12:00 PM – 12:20 PM	Deepa Rajesh and Vettriselvan Rajasekaran Fostering Gender Equality in Maritime Innovation: Economic Growth and Sustainable Development	Du Juan and Zhu Xiaoling A Comparable Corpus-Based Study of Maritime Proposal Convergence Trends for Native Chinese and English Speakers
12:20 PM – 12:40 PM	Vicente Juan Torio and Myrna Matira Gamification in Maritime Education: Bridging Traditional and Innovative Approaches at MAAP-ASTC	Anatoli Alop, Katre Koit, Jarmo Kõster and Olev Tõnismaa Course of Navigation Risk Management in the Age of NEW Technologies: Teaching Principles and Practices
12:40 PM – 01:00 PM	Paul Szwed, Cassia Galvão, Srđan Vujčić, Huanxin Wang, Mahmoud El Baowab and Gamal Galwash What Competencies will be Required of Global Maritime Professionals in the Next Five Years?	Weronika Ceynowa and Adam Przybyłowski Exploring digital solutions in maritime transport - challenges in supply chain management on training vessels
01:00 PM – 02:30 PM	LUNCH BREAK	
02:30 PM – 03:30 PM	Capt. Gopal Srinivas AMET University, India	Dr. Manel Grifoll Universitat Politècnica de Catalunya, Spain
02:30 PM – 02:50 PM	Trudi Hogg, Samrat Ghosh and Benjamin Brooks Safe operator dependence on automation in MASS 1 and MASS 2: A systematic review on the interaction between perceived risk and trust calibration	T Sasilatha, Padmapriya J, Karthickmanoj R and Col Dr. Thiruvassagam G Artificial Intelligence based Species Identification in Underwater Ecosystems: Advancing Marine Biodiversity Monitoring
02:50 PM – 03:10 PM	Antonio Blazina and Lovro Maglic Advancing MET through technology: ROV education and training for seafarers	Gamini Lokuketagoda, Takashi Miwa, Muhammed Iraz and Nageetha Jayathilake Re-creating maritime incidents with engine room simulator
03:10 PM – 03:30 PM	Bharathi K and Satish Kumar S Analyzing the Eco-Benefits of Innovative Hydrogen Production Methods	Simone Dürr, Sheelagh Conlan, Juan Ahuir Torres, Martin Sharp, Eddie Blanco Davis, Tahsin Opoz, Hiren Kotadia, Bogdan Hnatiuc, Cristina Dragomir, Adrian Sabău, Simona Ghiță, Mihaela Hnatiuc, Yasin Arslanoğlu, Özkan Uğurlu, Refik Özyurt, Mani Jayaprakashvel, Radhakrishnan Mutheshilan and Vijayaraj Radha Facilitating greener education and cleaner shipping through the development of Novel bespoke micro textured metals to combat biofouling in niche areas on vessels
03:30 PM – 04:00 PM	COFFEE BREAK	
07:00 PM	DINNER	

17 th October, 2025 - Friday		
TIME	SESSION A - PENINSULA HALL	SESSION B - GOLDCOAST HALL
09:30 AM – 10:30 AM	Dr. Samrat Ghosh Australian Maritime College, Australia	Capt. Dr. K. Rajesh AMET University, India
09:30 AM – 09:50 AM	Thangalakshmi S and Sivasami K Harnessing ocean energy: advancing marine renewable Technologies for sustainable coastal development	Johan Bolmsten, Jeric Bacasdoon, Claudia Barahona- Fuentes, Carolyn Graham, Kirtan Vakil and Tirth Vakil The Utility of Extended Reality in Maritime Education and Training: A Bibliometric Review
09:50 AM – 10:10 AM	Luka Vukić, Rino Bošnjak and Gorana Jelić Mrčelić Managing the risk of fire from electric vehicles on board ferries: an overview of current regulations and proposals	Tatsuro Ishida, Takashi Miwa, Sara Sato, Muhammed Iraz, Nageetha Jayathilake, Gamini Lokuketagoda and Ryotaro Takeda Study on Behavioral Characteristics of Engineers in Engine Room simulator Using Eye-tracking Measurement Devices
10:10 AM – 10:30 AM	Heikki Koivisto Reza Ema and Minna Keinänen-Toivola Sustainable Flow: Sustainable flow of goods and decreased CO2 emissions of transportation	Gea Mišćević, Edvard Tijan and Saša Aksentijević Enhancing Cyber Resilience in Critical Maritime Infrastructures
10:30 AM – 11:00 AM	COFFEE BREAK	
11:00 AM – 12:00 PM	Capt. K. Karthik AMET Knowledge Park, AMET-IST, India	Dr. Robyn Pyne Liverpool John Moores University, England
11:00 AM – 11:20 AM	Chavdar Alexandrov, Iglia Ivanova-Slavova and Nikolay Ivanov Eco-activism and its impact on seaborne economic endeavours	Wahidul Sheikh, Reza Emad and T M Rabiul Islam Green Technologies and Evolving Role of Seafarers in the Future of Shipping Industry
11:20 AM – 11:40 AM	Knud Benedict, Michael Baldauf, Mario Gehrke, Maximilian Sternberg, Daniel Rostek and Matthias Kirchhoff Fast Time Simulation and Dynamic Manoeuvring Prediction – towards Integration of Disruptive Technology for Training of Navigators of the Future	T Sasilatha, Padmapriya J and Col Dr Thiruvassagam G Geo-Spatial Visualization of MBES and ROV Data to Explore the Submerged Port City of Poompuhar
11:40 AM – 12:00 PM	Rolando Alimen, Ernie Jay Teves, Agustin Bedia, Allan Roberto, Nerios Cortejo and Victor Ruperto Jaleco Automated Marine Sewage Treatment Plant (MSTP) using Ultraviolet Lights For Domestic Ships in the Philippines	Pritam Pattanaik, Prasheet Mishra, Vik Patra, Saswat Ranjan Barik and Pallab Das AI Powered Approach to Maritime Pirate Attack Detection

17 th October, 2025 - Friday		
TIME	SESSION A - PENINSULA HALL	SESSION B - GOLDCOAST HALL
12:00 PM – 01:00 PM	Dr. Reza Emad Australian Maritime College, Australia	Dr. M. Jayaprakashvel AMET University, India
12:00 PM – 12:20 PM	Guladi Tkhilaishvili , Ketevan Tchanidze , Manuchar Loria , Sopiko Dumbadze and Teona Dzeladze E-Learning in Maritime Education, Challenges and Opportunities: Case Study of the Black Sea Countries	Prasheet Mishra , Pritam Pattanaik , Vik Patra , Saswat Ranjan Barik and Pallab Das A Comprehensive Fuel Management System for Ships Using AI and Web Integration
12:20 PM – 12:40 PM	Emzar Gvarishvili and Johan Bolmsten Enhancing Maritime English Proficiency Among Cadets in Georgia: An Action Research Approach to Developing a Tailored E-Learning Course	Capt. Ashok Pandey and Capt. K Karthik Arctic Navigation- Digital Voyage Planning & Management
12:40 PM – 01:00 PM	T. Sasilatha , Padmapriya J , Col Dr Thiruvvasagam G and V. Sangeetha Albin Launching the AMET Marine Exploration Data Portal for Maritime Heritage Studies	Steven Baer , Salman Nazir and Kent Salo Maritime Education in a Rapidly Changing Arctic
01:00 PM – 02:30 PM	LUNCH BREAK	
	Capt. V. Chandrasekhar AMET City College, India	Dr.J.Padmapriya AMET University, India
02:30 PM – 02:50 PM	Thi Anh Tho Tran Settlement of Dispute Arising out of Blockchain-Based Smart Contract: A Revisit of Private International Laws in Maritime Convention Network	Mykhaylo Miyusov , Oleksandr Kryvyi and Dmytro Zhukov Dependence of the thrust and power of wind propulsors on the speed of the vessel
02:50 PM – 03:10 PM	Gholam Reza Emad , Mehrangiz Shahbakhsh and Mohsen Khabir Artificial Intelligence and its Transformative Impact in Shaping the Maritime Industry	Tamera Gilmartin Considerations on the Experience of Multilingual MET Students using Virtual Reality
03:10 PM – 03:30 PM	Katarzyna Skrzyszka and Dariusz Jellonnek The directions of changes in motivators for choosing a career at sea	Darko Glujic , Goran Vizentin , Goran Vukelić and Dario Ogrizovic Mixed reality firefighting simulator
		Kamalesh Kumar P , Dr. C. Vairavan and Ramaraju Sabapathy Multimodal CLIL and Sustainable Maritime Education: Leveraging Disruptive Technologies for Future Seafarers
03:30 PM – 04:30 PM	Closing Ceremony at Ballroom (Peninsula + Goldcoast)	
07:00 PM	DINNER	

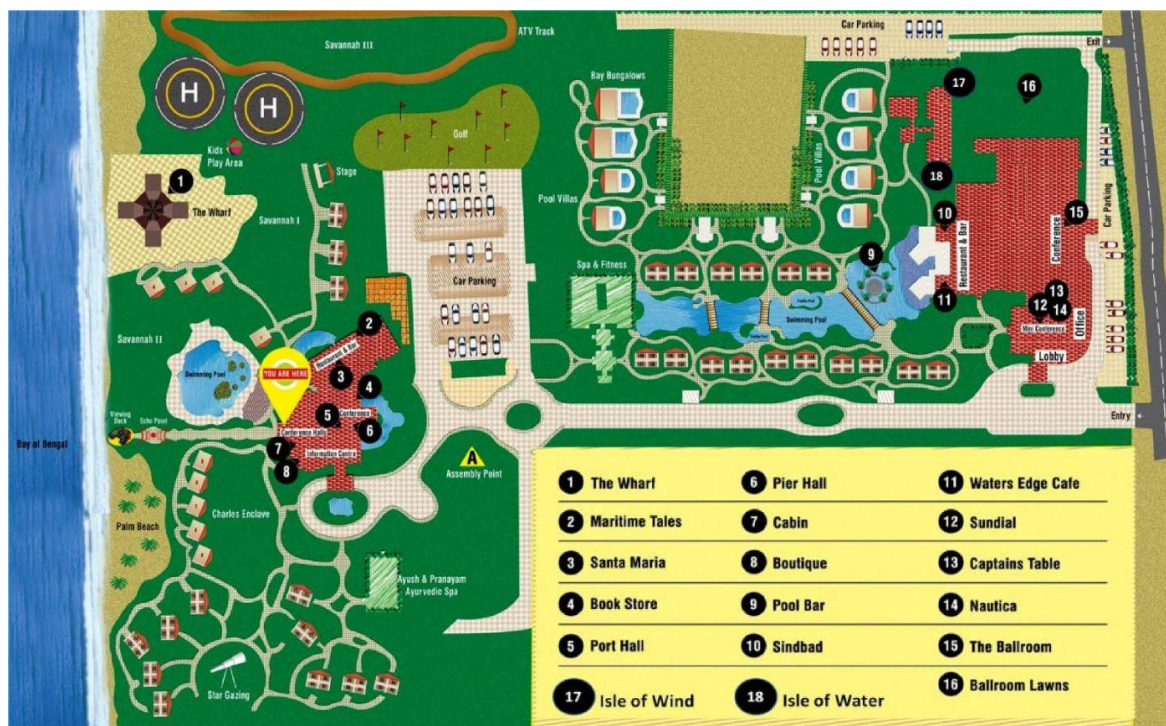
16 th October, 2025 - Thursday	
Time - 9:00 AM – 4:00 PM	Hall: NAUTICA
POSTER PRESENTATIONS	
Policy Aspect	
Peter Ivar Sandell	Seafarers legal position when vessels are used for illegal activities against marine infrastructure
Social Aspect	
Pawel Kolakowski, Kamil Formela, Filip Bojić, Mislav Maljković and Lea Vojković	Understanding the Concept of Safe Distance in Maritime Navigation: Insights from Simulator-Based Training
Ilija Knežević, Nikola Marvučić, Nemanja Pudar, Ivana Čavor and Tatijana Dlabac	Implementation of Advanced Learning Methods in Maritime Education Through the UniTrain System for Enhancing the Teaching Practices of Process Measurement Variables
Klaas De Hert, Deirdre Luyckx and Helen Verstraelen	Future-Proofing Nautical Sciences: Curriculum Reform at the Antwerp Maritime Academy
Ms.J Christalin Janet and Dr.C.Vairavan	Reading between the Waves: Improving Maritime English Comprehension through Innovative Teaching Strategies
TechnologyAspect	
Daniel Daneci Patrau, Anastasia Elena Duse and Radu Ioan Hanzu-Pazara	A Potential Framework for the Analysis of Cyber Resilience through the Perspective of Hybrid Threats
Shamji V R and Faisal Alsaq	Autonomous and AI-Driven Hydrography: Innovations for Sustainable Maritime Practices
Senka Šekularac-Ivošević, Dragana Milošević, Draško Kovač and Špiro Ivošević	Exploring a Framework for Maritime Education and Training Tailored to Professionals in Underwater Robotics
Dr.Lakshmi D, Manimegalai S, Padmashini R.K and Karthickmanoj R	Design of Hybrid Stand-Alone Power Generation System for Marine Applications
Kamelia Narleva, Yana Gancheva, Boyan Mednikarov and Marina Chesnokova	Social Aspects of Digitalization in the Maritime Industry
Loren Steve Glumalid	Faculty and Student Feedback on the use of Online Platform and Its Impact on the Academic Performance in Collision Regulation
Prasanna Kumar Rajakumaran	Maritime Rescue Drones
EnvironmentalAspect	
Nguyen Dinh-Thuy-Huong and Nguyen Thanh-Le	Rare procurements related to green energy sale in Vietnam shipping companies: explanations from street level bureaucracy theory
EconomicAspect	
Amit Mahajan, Emil Mathew and Anisha Banerjee	Predicting Aggregated Cargo Throughput of Major Indian Sea Ports with Bayesian Structural Time Series

Technical Tour

Visit to AMET Knowledge Park, AMET Institute of Science and Technology (AMET-IST), Maersk Centre of Excellence

18 th October 2025: Exploring Maritime Heritage & Education		
Time	Activity	Details / Location
08:30 AM	Breakfast	Hotel
09:30 AM	Visit to Mahabalipuram (UNESCO World Heritage Site)	Explore ancient rock-cut temples like Shore Temple, Five Rathas, and Arjuna's Penance. A perfect blend of history, spirituality, and coastal beauty
01:00 PM	Lunch	AMET Knowledge Park, AMET Institute of Science and Technology (AMET-IST), Maersk Centre of Excellence
02:00 PM	AMET Knowledge Park AMET Institute of Science and Technology (AMET-IST) Maersk Centre of Excellence	Tour India's leading maritime university: • Full-mission simulators • AR/VR training labs • Seamanship labs • Engineering & electrical workshops • 150-acre green campus
03:00 PM	Drop at Hotel / Drop at Airport	End of program activities

Radisson Blu Temple Bay Resort, Venue Map



Session Chairs



Dr. GRAHAM BENTON
Associate Provost
Cal Poly Maritime Academy, USA



Dr. DEEPA RAJESH
Vice-President (Academics)
AMET University, India



Dr. T. SASILATHA
Professor & Dean-International Relations
AMET University, India



Dr. MATTHEW ROOKS
Associate Professor
Kobe University, Japan



Dr. JOHAN BOLMSTEN
Assistant Professor
World Maritime University, Sweden



Dr. V. SANGEETHA ALBIN
Registrar
AMET University, India



Capt. GOPAL SRINIVAS
Principal
AMET University, India



Dr. MANEL GRIFOLL
Professor
Universitat Politècnica de Catalunya, Spain

Session Chairs



Dr. SAMRAT GHOSH
Professor
Australian Maritime College, Australia



Capt. Dr. K. Rajesh
Professor
AMET University, India



Capt. K. KARTHIK
Principal
AMET Institute of Science and Technology, India



Dr. ROBYN PYNE
Principal Lecturer
Liverpool John Moores University, England



Dr. GHOLAM REZA EMAD
Principal Lecturer
Australian Maritime College, Australia



Dr. M. JAYAPRAKASHVEL
Professor, Marine Bio-Technology &
IQAC Coordinator
AMET University, India



Capt. V. CHANDRASEKHAR
Principal
AMET City College, India



Dr. J. PADMAPRIYA
Assistant Professor
AMET University, India

Venue

The IAMU Conference takes place in
Radisson Blu Resort, Temple Bay, Mahabalipuram, India.



General Information

Venue

Radisson Blu Resort, Mamallapuram, Chennai, India

Language

The official language of AGA25 is English. No Translation facility is provided.

Registration

	14thOctober, 2025 - Tuesday	01:00 PM-04:00 PM <i>Registration desks in the lobby of the Radisson Blu Resort, Mamallapuram, Chennai, India</i>
Opening Hours	15thOctober, 2025 - Wednesday	09:00 AM <i>Registration desks in the lobby of the Radisson Blu Resort, Mamallapuram, Chennai, India</i>

Registration Information

The registration desk will be open during the Welcome Reception. Participants are requested to check in and collect their ID badge and registration kit upon arrival.

The registration fee includes:

Attendance to AGA25

Electronic copy of the IAMU AGA25 General Information materials

Electronic copy of the Proceedings of the International Association of Maritime Universities (IAMU) Conference

Electronic copy of the IAMUS Conference Book of Proceedings (Student Program)

Coffee breaks and lunches

Welcome Reception and conference dinners

The accompanying person registration fee includes:

Lunches

Welcome Reception

Mobile Phones

As a courtesy to our presenters and other attendees, please turn off your mobile phones during the event.

Certificate of Participation

Certificate of Participation will be provided.

Program Schedule for Accompanying Persons

16 th October 2025: South Indian Culture & Spiritual Heritage		
Time	Activity	Details / Location
08:30 AM	Breakfast	Hotel
10:30 AM	Visit to Valluvar Kottam	Valluvar Kottam - Honours Tamil poet Thiruvalluvar, showcasing his work in a grand chariot-shaped monument
11:30 AM	Museum	Showcases a rich heritage with ancient artefacts, sculptures, bronze idols, and South Indian cultural history
01:00 PM	Lunch	
03:00 PM	Santhome Basilica	Neo-Gothic church built over the tomb of St. Thomas the Apostle. An architectural and spiritual landmark near Marina Beach
04:00 PM	Vivekananda Illam and Marina Beach	Vivekananda Illam showcases Swami Vivekananda's legacy; Marina Beach, India's longest, offers scenic beauty and cultural vibrance
06:00 PM	Return to Hotel	Refresh before Evening Events
07:00 PM	Dinner	Hotel
17 th October 2025: Shopping, History & Beach Vibes		
Time	Activity	Details / Location
08:30 AM	Breakfast	Hotel
10:00 AM	Visit to Jain Navagraha Temple	A peaceful spiritual site dedicated to Jain Tirthankara and Navagrahas; known for its serene environment and intricate architecture
10.30 AM	Visit to Dakshina Chitra Heritage	Cultural village on ECR, showcasing South Indian art, architecture, crafts, and heritage homes
01:00 PM	Lunch	
02:00 PM	Phoenix Mall	Phoenix Mall is a premier shopping destination offering top brands, dining, and entertainment under one roof Modern mall featuring global brands, diverse dining, multiplex cinema, and vibrant shopping
06:30 PM	Return to Hotel	Refresh before Evening Events
07:30 PM	Dinner	Hotel

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<https://aga25.ametuniv.ac.in/gallery/>

Gallery

For photos, please refer

<https://aga25.ametuniv.ac.in/gallery/>

