

THE TIMES OF INDIA & THE HINDU
01-August-2025



भारतीय समुद्री विश्वविद्यालय
Indian Maritime University

(A Central University under the Ministry of Ports, Shipping and Waterways,
Govt. of India) Established by an Act of the Parliament In 2008

Visakhapatnam Campus

Advt. No/ISTC/2025/002

01-August-2025

**Empanelment of Experts for
Indian Ship Technology Centre (ISTC)**

Applications are invited from highly skilled and motivated professionals to be part of our esteemed panel of experts at **Indian Ship Technology Centre (ISTC)**, being established at IMU Gandhigram, Visakhapatnam. We are looking for Professionals and experts from the following domains. This list is indicative and not exhaustive; the professionals related to shipbuilding or related domains are invited to apply.

- Naval Architecture • Port Engineering • Ship Building • Environmental Science/Engineering • Marine Engineering • Civil Engineering • Material Science/Engineering • Mechanical Engineering • Automation and Robotics • Ocean Engineering • Sustainability • Computer or IT Facilitator • Project Management • Training

Interested candidates may submit their resumes detailing the expertise to the prescribed email on or before **10-August-2025**.

For further details regarding the eligibility criteria i.e., Experience in the relevant field, Educational Qualifications etc., please visit www.imuv.edu.in.

Centre Director (I/c)

Empanelment of Experts for Indian Ship Technology Centre (ISTC)

Indian Maritime University

(A Central University under the Ministry of Ports, Shipping and Waterways, Govt. of India)

Visakhapatnam Campus

Advt. No/ISTC/2025/002 Dated 01-August-2025

Applications are invited from dynamic, highly qualified, and motivated professionals to join the esteemed panel of experts at the **Indian Ship Technology Centre (ISTC)**, being established at Indian Maritime University, Gandhigram, Visakhapatnam, Andhra Pradesh. Be a part of driving innovation, advancing maritime technology and shaping the future of shipbuilding in India. We seek experts from diverse domains related to shipbuilding and maritime technology. The list below is indicative and not exhaustive; professionals from related fields (even if not indicated in the following table) are encouraged to apply, if they find it relevant to Shipbuilding.

Indicative Domains of Expertise

- **Naval Architecture** (Ship Design, Structural Analysis, Hydrodynamics, Stability Analysis)
- **Marine Engineering** (Propulsion Systems, Marine Machinery, Power Systems, Energy Efficiency)
- **Shipbuilding Technology** (Ship Construction, Welding Technologies, Shipyard Operations, Modular Construction)
- **Ship Recycling** (Ship breaking, Recycling, Dry docking, Salvaging operations, environmental aspects)
- **Material Science and Engineering** (Advanced Materials, Corrosion Resistance, Composite Materials, Metallurgy)
- **Automation and Robotics** (Automated Shipbuilding Processes, Robotic Welding, AI in Shipyard Automation)
- **Sustainability and Environmental Engineering** (Eco-friendly Shipbuilding, Green Propulsion, Waste Management, Emission Control)
- **Port and Coastal Engineering** (Port Infrastructure, Dredging, Coastal Protection, Terminal Design, Survey)
- **Civil Engineering** (Marine Structures, Dry Docks, Quay Walls, Waterfront Development)
- **Mechanical Engineering** (HVAC Systems, Vibration Analysis, Fluid Mechanics, Machinery Design)
- **Electrical and Electronics Engineering** (Marine Electrical Systems, Navigation Systems, Control Systems, Power Distribution)
- **Data Science and Artificial Intelligence** (Predictive Maintenance, Ship Performance Analytics, Digital Twins)

- **Cyber Security for Maritime Systems** (Secure Navigation Systems, Data Protection, IoT Security)
- **Project Management** (Large-Scale Shipbuilding Projects, Risk Management, Scheduling, Cost Estimation)
- **Ocean Engineering** (Offshore Structures, Wave Dynamics, Subsea Engineering)
- **Safety and Risk Management** (Maritime Safety Standards, Hazard Analysis, Emergency Response Systems)
- **Software proficiency** (Ship design, Ship building and analysis software usage)

Eligibility and other criteria

- (a) **Educational** : The candidates must have UG (Engineering) or PG (Sciences) from a recognised University or Equivalent. Higher Qualifications (PG, PhD) would be an added Advantage
- (b) **Age**: Shall be less than 70 years as on 31-August-2025. Retired Professional are also eligible.

Proficiency and Experience

Code	Proficiency	Experience
E-001	Naval Architects	Minimum of 20 Years' Experience in Shipbuilding or related fields with expertise in Ship Design, Structural analysis and Hydrodynamics
E-002	Marine Engineers	Minimum of 20 Years' Experience in Shipbuilding or related fields with a specialisation in Propulsion Systems, Marine Machinery and Power systems
E-003	Material Scientists	Minimum of 20 Years' Experience in Shipbuilding or related fields with expertise in Advanced Materials for Ship Construction
E-004	Automation & Robotics Experts	Minimum of 20 Years' Experience in Shipbuilding or related fields with expertise in Automated Shipbuilding processes and Robotics
E-005	Sustainability Specialists	Professionals with a minimum of 20 Years' Experience in Shipbuilding or related fields with focus on eco-friendly Shipbuilding Technologies
E-006	Project Management Experts	Minimum of 20 Years' Experience in Shipbuilding or related fields with expertise in overseeing large-scale Shipbuilding projects
E-007	Port and Coastal Engineers	Minimum 20 years in Port Design, Dredging, Coastal protection, or Terminal Infrastructure Development
E-008	Civil Engineers	Minimum 20 years in Marine Structures, Dry docks, Quay walls, or Waterfront Development

E-009	Mechanical Engineers	Minimum 20 years in HVAC systems, Vibration Analysis, Fluid Mechanics, or Machinery Design for Maritime applications
E-010	Electrical and Electronics Engineers	Minimum 20 years in Marine Electrical Systems, Navigation Systems, or Power Distribution
E-011	Data Scientists and AI Experts	Minimum 20 years in Predictive Maintenance, Ship Performance Analytics, or Digital Twin Technologies
E-012	Cyber Security Specialists	Minimum 20 years in securing Maritime Navigation Systems, IoT, or Data protection
E-013	Ocean Engineers	Minimum 20 years in Offshore Structures, Wave Dynamics, or Subsea Engineering
E-014	Safety and Risk Management Experts	Minimum 20 years in maritime safety standards, hazard analysis, or emergency response systems
E-015	Training and Skill Development	Minimum Experience of 2 Years in the area of Training and skill development preferably in the Maritime Domain

Additional Requirements

- The applicants should have proven track record of accomplishment in delivering innovative solutions in Maritime Technology and related fields.
- Strong analytical, problem-solving and communications skills are essential.

Application Process

Interested candidates are requested to submit the details by **10-August-2025** using the Application link provided below.

[CLICK HERE TO SUBMIT YOUR APPLICATION](#)

The candidates may visit the website frequently for extension of empanelment.

Selection and Empanelling

Applications will be shortlisted by the Competent Authority of ISTC. Shortlisted Candidates will be contacted via email for further evaluation.

The selected candidates will be empanelled as ISTC Consultants. Depending on the project requirement, the consultants will be engaged on mutually agreed terms and conditions.

Centre Director (I/c)