



## **TOLANI MARITIME INSTITUTE, PUNE**

and

Institute of Marine Engineers (India) Student Chapter, TMI

In association with

Institute of Marine Engineers (India), Pune Branch

The Institution of Engineers (India), Pune Local Centre

proudly presents All India Seminar

# TRANSTECH'26

10 to 12 March, 2026

A common platform for engineering students to present technical papers on

### THEME

## Maritime 5.0: Reimagining Ocean Tech for a Resilient Future

### SUB THEMES

CARBON NEGATIVE SHIPPING TECHNOLOGIES AND PATHWAYS



GAMIFICATION AND XR IN MARITIME EDUCATION & SKILL TRAINING



CIRCULAR MARITIME ECONOMY: WASTE TO WEALTH



OFF-SHORE WIND FARMS, WAVE ENERGY, SUBSEA ROBOTICS FOR EXPLORATION



INTERMODAL SUSTAINABILITY: SEA-LAND-AIR-RIVER INTEGRATION



EMPOWERING SEAFARERS IN THE AGE OF AUTOMATION



AI-BASED NAVIGATION, PREDICTIVE MAINTENANCE, AUTONOMOUS SHIPS



ADVANCE MATERIALS AND COATINGS FOR HARSH MARINE ENVIRONMENTS



ROLE OF THIRD-PARTY LOGISTICS IN E-COMMERCE INDUSTRY AND DARK WAREHOUSE: THE FULLY AUTOMATED FUTURE



# BOOK OF PROCEEDINGS

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