

# BASIC NAVAL ARCHITECTURE FOR ENGINEERS

- COURSE OBJECTIVES** Upon completion of this course, participants will have a solid understanding of fundamental Naval Architecture terminology and will be equipped to actively contribute to ship design and shipbuilding processes with greater expertise and effectiveness.
- ABOUT THE COURSE** This course covers key areas of Naval Architecture, including ship geometry, hydrostatics and stability, resistance and powering, ship motions, structural design, and various aspects of ship design.
- PARTICIPANTS** Mechanical Engineers, Electrical Engineers, Marine Engineers and Ship officers who are working in ship Design, Shipbuilding and Shipping Companies.
- DURATION** Three Days
- KEY TOPICS**
- Ship Geometry
  - Ship Hydrostatics and Stability
  - Ship Resistance and Powering
  - Ship Motions and Manoeuvring
  - Ship Structures
  - Ship Design Aspects

## TRAINERS



### **MR. M.S.P. RAJU**

Mr MSP Raju is Vice President at SeaTech Integrated Technology Pvt Ltd, Visakhapatnam. He holds M.Tech (OCEAN ENGINEERING - IIT MADRAS), Mr Raju with 28+ years extensive expertise as Naval Architect, Scientist, Class surveyor, Dry-docking Superintendent and also Director -Department of Naval Architecture and Offshore Engineering at AMET University. He has been bestowed with many awards for his contribution including the Best Faculty at AMET University and Laboratory Scientist of the Year at Naval Science and Technological Laboratory, DRDO, Visakhapatnam.