

# COMPLIANCE TO MARPOL ANNEX VI THROUGH ALTERNATE FUEL

**COURSE OBJECTIVES** To enable the participants to be aware of and understand the various types of alternative fuels and systems which are envisaged to support in achieving the IMO decarbonisation goals.

**ABOUT THE COURSE** The Course will provide an overview of Alternative Fuels and Systems which are expected to contribute to and realize IMO goals of reduction in GHG emissions by the Maritime Sector. Various Alternative fuels and Systems, their advantages and relative limitations will be discussed. An overview will also be provided of the existing Regulatory mechanisms and those expected to be developed in the future to deal with the safety and environmental aspects of use of such fuels onboard ships.

**PARTICIPANTS** Ship Design and Construction personnel, ship owners etc.

**DURATION** Half day

**KEY TOPICS**

- Decarbonisation
- Alternative Fuels Battery systems, Fuel cells

## **TRAINERS**



**Karan Doshi**

Mr. Karan Doshi is working in the Formal Safety Assessment and Alternative Design Evaluation group of IRS. His key interests include application of Data driven and Risk based methods for Safety assessment in the maritime area in addition to his core competencies in Ship Structures. He has represented IACS at IMO Sub-Committee and Expert Group meetings. He also takes a keen interest in actively monitoring regulatory developments in the maritime field.



**R.Srinivas**

Mr R.Srinivas is working as Vice President and Senior Principal Surveyor at Indian Register of Shipping (IRS). He heads the Electrical and control systems department in IRS plan approval division. He is a member in IACS Cyber Systems Panel. Mr Srinivas specializes in control and automation systems, system integration, maritime cyber risk management, failure mode effect analysis and techno economic feasibility studies.



**Cdr Sandeep Kumar**

Cdr Sandeep Kumar is working as Principal Surveyor with the Rule Development Department at IRS. He has over two decades of experience in ship acquisition and design, overseeing of new constructions and ship repairs. He is a member of the IACS Group working on safety aspects of zero/ ultra-low carbon fuels.



**Kunal Sharma**

Kunal having rich 10 years' hands on experience in energy efficiency services at Register of Shipping, including approval of EEDI, EEXI, verification of Emissions Reports under EU MRV and IMO DCS regulations.