

# CYBER SECURITY INTERNAL AUDITOR COURSE

**COURSE OBJECTIVES** To enable the mariners and IT experts to undertake internal audits both onboard and office of a shipping company to verify the compliance of ISM Code towards Cyber Safety.

**ABOUT THE COURSE** The participants will be able to enhance their awareness of external and internal threats, risks and vulnerabilities relating to security of data and digitally held information in the organisation. There will be clear understanding on the significance of cyber security measures at the organisational as well as individual employee level. The participants will have knowledge about cyber security issues specific to maritime industry. The purpose/scope of standards governing Cyber Risk Management will be clear. The participants will be able to function as a team member in cyber risk management implementation and internal cyber risk (ISM) audits. The audit process, conduct of audit, corrective actions.

**PARTICIPANTS** The entry standards are one having knowledge in the maritime operations and /or a IT expert interested to develop skills as Cyber Safety Auditor

**DURATION** One day

## KEY TOPICS

- ISM code requirements,
- Cyber threats, consequences, ship specific examples
- Reference standards, vulnerability and risks NIST framework overview, control system risks
- Implementation of cyber risk management policies and procedures at company and onboard ship
- Verification of implemented policies and procedures during ISM internal audits

## TRAINERS



### **Avinash S. Vaze**

Mr. Avinash S. Vaze, is ISMS internal auditor. He is part of the team at Indian Register of Shipping which developed 'Guidelines on Maritime Cyber Security'. He is an expert on cyber risk management through ISM and onboard assessment towards and class notation on cyber safety.



### **Capt. Ajay kumar Arora**

Capt. Ajay Arora is a Master Mariner and a Marine Management Systems auditor. He is part of Statutory Services team at Indian Register of Shipping and has hands on experience in the field of management systems audits & certification, including cyber safety.



### **R.Srinivas**

Mr R.Srinivas is working as Vice President & Senior Principal Surveyor at Indian Register of Shipping (IRS). He heads the Electrical and control systems department in IRS plan approval division. He is an IRS member in IACS Cyber Systems Panel and in Joint Industry Working Group on Cyber systems. He is actively involved as Project manager in IACS cyber systems panel, for development of recommendations, unified requirements for cyber systems, He is also an ISMS internal auditor.