

# **NUSI Offshore Training Institute**



**Unit of:  
NUSI/ITF  
Trust for  
Indian  
Seafarers**

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**Training Initiative by  
National Union of  
Seafarers of India under  
'NUSI SAKSHAM'**

**Offshore Bridging  
Course - Engine  
(OBCE)**

# About Us

The NUSI Offshore Training Institute is a training centre established by the National Union of Seafarers of India (NUSI) under the 'NUSI SAKSHAM' initiative. The institute is focused on providing quality education and training in the maritime industry. The courses offered at the Institute are designed, developed, and delivered by a professional faculty team to ensure maximum effectiveness. The NUSI Offshore Training Institute follows the Maritime Training Provider (MTP) standards of DNV (Det Norske Veritas), ensuring that the courses meet the required quality standards.



## Zero cost



NUSI Offshore Training Institute developed as a state-of-art centre for Oil and Gas Offshore Training, expanded its scope with addition of impressive practical skill development facilities. Located in the outskirts of Mumbai, NOTI also provides residential facilities to candidates for the duration of the course.

## Offshore Bridging Course - Engine (06 Days) course contents.....

- Familiarisation of different types of main Fleet Vessels and their cargoes.
- Cargo related emergencies and actions to be taken.
- Basic LSA / FFA on Main fleet vessels with emphasis on Lifeboat and Rescue Boat launching, recovery and securing. Firefighting equipment with operation of fire pump and emergency generator.
- Soft skills aspects including importance of mental health.
- Power Tools and Safe Practices while handling Power Tools, including Hydro-blasting and Spray-Painting machines.
- Permit to work systems & Introduction to the Maritime Labour Convention.
- Enclosed Space procedures prior, during and after entry (Theory + Mock up Practical's).
- MARPOL (Handling spills, SOPEP, SMPEP, Garbage Management etc.).
- Boilers, Incinerators & Hot wells basic working and uses of the same.
- Introduction to the Ballast Water Treatment systems.
- Introduction to Inert Gas Generator and Fresh Water Generator.
- Propulsions Types including various fuels and brief idea on scrubbers. & General inputs on Welding & Repairs.
- HO Purifier (Theory + Practical). & Simulator Engine Room Walk through.
- Two/Four Stroke Engines Differences & Pro's & Con's.
- Case Studies & New Technical Advances in the Maritime Sector.
- Maintenance aspects of machinery (particularly cargo-related) on various types of vessels. Bilge handling & OWS.
- Steering Systems inclusive of Emergency Steering systems.
- Importance of good Housekeeping to ensure safer working environment.

