# Engine Room Simulator – Management Level (ERS - ML)

**Duration & Recognition:** This is a 5-day course approved by the D G Shipping, India.

**Conducted at:**   Lonavala

## Objective:

The trainees who successfully complete this course will gain experience in handling engine room equipment under various conditions and will make a more effective contribution to the engine room keeping team during various conditions.

## Subject Areas:

Operation of main engine including emergency operation

Operation of electricity generation plant including emergency generator

Operation of turbo-generator and shaft generator

Operation of steam generating plant

Operation of various pumps

Operation of valves

Tracing pipelines

Operation of oil purifiers

Abnormal condition settings for various marine machineries

Operation of fresh water hydro-phore systems

## USP:

1 Full Mission Simulator

2 Highly qualified and experienced Instructors

3 High faculty members to candidate ratio

4 Actual systems& Machineries available in the campus

## Eligibility:

Trainees should have CLASS IV certificate of competency, a minimum 12 months of sea time with watch keeping experience as engineer officer in charge of an engine room watch with at least one hundred eighty days of propelling time and should also have completed course of training which meets or exceeds the standard set out in IMO Assembly resolution A483 (XII).