

INDIAN NAVAL SHIP SHIVAJI



Lonavla, Maharashtra, India

An ISO 9001:2000 Certified Establishment

CENTRE OF MARINE ENGINEERING TECHNOLOGY

This is to certify that HMML HERATH
 Rank LT No. NRE 2287 has successfully completed
 the Marine Engineering Specialisation Course
 of 79 Weeks duration from 07-01-2008 to 11-07-2009

(G Srinivasan)
 Captain

Officer-in-Charge
 for Commanding Officer

INS Shivaji

Date 13 JUL 2009



This is to certify that the following subjects are covered during the 79 weeks of Marine Engineering Specialisation Course at INS Shivaji.

AUXILIARY MACHINERY & SYSTEM

Auxiliary Machinery, Machinery Construction, Control Engineering & Control System, Gearing, Shafting & Propellers, Welding Technology.

DIESEL ENGINE

Diesel Engine principles, Maintenance, Trends, EHM, Testing & Tuning, MTU, Radial, Pielstic Engine, Diesel Engine Auxiliaries.

STEAM MACHINERY

Steam Engines, Boilers, Evaporators & Systems, Steam Turbine & Steam Auxiliaries.

GAS TURBINE


Gas Turbine & associated systems, Gas Turbine practice, General layout onboard IN Ships, GT Construction, Case studies of defects.

MISCELLANEOUS

Practical on ICE, Steam GT's & Auxiliary Machinery, Computer Applications, Hull Maintenance, Advance Marine Engineering topics, Reactor Technology, Control Concepts, Basic Electronics & Instrumentation, General Controls & Type Controls.

INS Shivaji

Date 13 JUL 2009


(*Asif Sarkhawas*)
Lt Cdr

Staff Officer (Exam & Eval)
for Commanding Officer