



This is to certify that the following subjects are covered during the _____ 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.

(Varun J.O)

Sub Lieutenant

Staff Officer (Exam & Analysis)

for Commanding Officer

INS Shivaji Date____