



INDIAN NAVAL SHIP SHIVAJI

Lonavla, Maharashtra, India - 410402.

Centre of Marine Engineering Technology

This is to certify that HBKB Wikramarachchi
Rank Lt No. NRE 3675 has successfully
completed the Marine Engineering Specialisation Course
of 105 weeks duration on 29 day of Dec 20 22 (60294)

Sanit
(Ajit Kumar)
Commander
Commander (T.M.E.C.)
Date 28 DEC 2022



Chandrasekhar
(Chandrasekhar)
Captain
Officer-in-Charge, CMET
for Commanding Officer

RIGOROUS TRAINING | DEVELOP COMPETENCE
MOULD MARINE ENGINEERS | SUSTAIN EXCELLENCE

S.No. MESC/2027

This is to certify that the following subjects are covered during the 105 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 Piston 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 28 DEC 2022



Nandini!

(Nandini Thakur)

Sub Lieutenant

Staff Officer (Exam & Analysis)

for Commanding Officer