SWAROOP IDICULA OOMMEN
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An individual with excellent interpersonal skills wishes to provide the best of my service and grow with a leading shipping industry, which will help me in continuous learning in both personal & professional developments.

EXPERIENCE

16/12/2016 – 26/12/2016

INTERNSHIP, COCHIN SHIPYARD LIMITED KERALA INDIA

Visited different workshops like shipbuilding, ship repair, machine, electrical and had the chance to talk with employers and study the methods used in a shipyard during construction and repair.

21/05/2018 – 01/06/2018

INTERNSHIP, S&O MARITIME SOLUTIONS LIMITED KERALA INDIA

Hull Modelling and Intact Stability of a deck cargo barge were completed as an internship project. Different load condition was applied and calculated. The model was generated using MODELMAKER 5.1 software and trim and stability were evaluated using AUTOHYDRO software.

EDUCATION

2019 - 2020

MSC NAVAL ARCHITECTURE, NEWCASTLE UNIVERSITY

Covering the modules mainly ship design, Advanced Naval Architecture, High speed and Advanced craft, Advanced Marine Structure.

2015 - 2019

BE NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING, ACADEMY OF MARITIME EDUCATION AND TRAINING CHENNAI INDIA

Obtained 7.14 CGPA and completed a project on Preliminary design of Ro-Pax Catamaran

SKILLS

- Strong team working, leadership and supervisory skills gained through group work at college and internship.
- Model maker
- Auto hydro

- Aveva Marine
- Primavera P6 software
- Microsoft Office
- AutoCAD
- Maxsurf
- Basic knowledge of Rhinoceros

PROJECTS

MINOR PROJECT; ANALYSIS OF SUBSEA PIPELINES

Details: Analysis in the design phase of subsea pipeline. Evaluated the hydrodynamic force estimation, vortex-induced vibration and stress analysis of a subsea pipeline.

INTERNSHIP PROJECT; HULL MODELLING AND INTACT STABILITY

Details: Hull Modelling and Intact Stability of a deck cargo barge were completed. Different load conditions were applied and calculated. The model was generated using MODELMAKER 5.1 software and trim and stability were evaluated using AUTOHYDRO 5.1 software.

MAJOR PROJECT; DESIGN OF RO-PAX CATAMARAN

Details: Preliminary design of a Ro-Pax Catamaran which carries 100 passengers and 8 two-wheelers were done. Lines Plan and General Arrangement plan was generated using AutoCAD. Weight estimation and Scantling calculation were done. IRS classification society rules for Inland vessel was used for calculation and design. Intact Stability calculations were done in AutoHydro software. It was calculated for different loading conditions. Resistance and powering calculations were done in Auto power software. Generated a 3D model of the hull in Rhinoceros software and a model was also generated in Model maker software. A specialization topic on the safety equipment plan for the above Catamaran was done.

ACTIVITIES

- Associate member of RINA (Royal Institute of Naval Architects)
- IOSH Managing Safely Certification
- Gained certificate for Primavera P6 software training conducted by oracle.
- Gained certificates for AutoCAD, 3Dsmax and computer hardware.
- Internship certificates from Cochin Shipyard Limited and S&O Maritime Solutions Limited.
- Worked as a retail sales assistant, waiter and in an event management firm in part-time roles.

REFERENCE

- Dr David Trodden, Lecturer in Marine Technology Newcastle University, david.trodden@ncl.ac.uk, +44 (0)191 2088724.
- Dr Wenxian Yang, Senior Lecturer in Offshore Renewable Energy Newcastle University, wenxian.yang@newcastle.ac.uk, +44 (0)191 2086171.
- Professor Richard Birmingham, Professor of Small Craft Design Newcastle University, r.w.birmingham@newcastle.ac.uk, +44 (0)191 2086722.