



TAMOGHNO BANERJEE

FINAL YEAR U.G. STUDENT OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING

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PROFILE

Interested in ship structures and green-energy research. Dynamic individual with a positive attitude and a hunger for learning and adapting to required work environment.

SKILLS AND SOFTWARES



ENGINEERING

Computer Aided Design, Structural Analysis, Stability analysis, Parameter Estimation, Preliminary Ship Design, Marine System Design, Web Designing, Data Analysis.



SOFTWARES/Frameworks

AutoCAD, Maxsurf, Rhino3D, Delftship, MS Office, IRHull, Pandas, Matplotlib, Seaborn, Django, Flutter.



PROGRAMMING LANGUAGES

Python, C, C#, Dart, Javascript (basic)

ACADEMIC BACKGROUND

Bachelor's in Naval Architecture and Ocean Engineering

- Indian Maritime University, Visakhapatnam Campus
- CGPA - 9.22 (92.2%)

Indian School Certificate (ISC) Class 12

- The Future Foundation School
- Marks - 89%

Indian Certificate of Secondary Examination (ICSE) Class 10

- Welland Gouldsmith School
- Marks - 90%

AWARDS AND ACHIEVEMENTS



Chief Editor of **Learn Ship Design** (blog, website and magazine) (2020-21).



Presented and published a paper on "Refining methods for crude oil in the most efficient and cost effective techniques on a ship."



2nd prize winner in ICSE professional paper presentation for a paper on "Proposal of system for High Efficiency Energy Extraction from LNG and study of use of EGR and SCR system in Ships"



Second Prize winner in boat expo (Samudramanthan IITKGP)



Academic scholarship winner at University level.

TRAINING AND INTERNSHIPS



Indian Register of Shipping (8 weeks)

- Scantling calculations of 130m oil tanker.
- Strength of structures approval using IRHull.
- Welding and weld qualification.
- Fire hydrant and protection system.
- C# and software architecture.



Cochin Shipyard Limited (2 weeks)

- Introduction to shipbuilding facilities at CSL
- Tribon Modeling basics
- Model testing, towing tanks and inclining experiment.
- Introduction to machinery outfitting design.
- Introduction to electrical outfitting design.
- Accommodation outfit design basics.

SOFT SKILLS

- Communication skills
- Time Management
- Confidence
- Problem Solving
- Teamwork
- Responsible

PROJECTS

- Preliminary Design of 30,000DWT Oil Tanker
- www.learnshipdesign.com
- Scantling calculations of 130m Oil Tanker ship.
- Water hydrant system on 80T BP AHTS.

CHARACTER REFERENCES

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