



PhD Supervisor



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



Profesor Dr. Adi Maimun bin Abdul Malik
School of Mechanical Engineering
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Language(s): English, Malay

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Potential areas for PhD supervision:

- Naval Architecture
- Offshore Structure and Engineering
- Ship Design
- Marine Renewable Energy

Supervising experience:

- 23 PhD students
- 39 MSc students

Employment history in last 5 years:

1983 – present University Teknologi Malaysia

Membership of professional association:

2021-2022 Chairman of RINA-IMarEST Malaysian Joint Branch – Southern Chapter (Session 2021-2022)
2006-Present Member, Academic Advisory Council for Malaysian Maritime Academy (ALAM)

Education – since bachelor degree:

- ~ PhD in Marine Technology “Stability of Fishing Vessels in an Astern Sea-Shallow Water Environment”
1993, Strathclyde University, Glasgow
- ~ MSc. In Marine Technology “A Heave Motion Reducing Device for Semisubmersibles”
1985, Strathclyde University, Glasgow
- BSc. In Naval Architecture, 1983, Strathclyde University, Glasgow

Selected recent papers:

1. Ahmed YA., Hannan MA., Oraby MY., **Maimun A.**, (2021) COLREGs Compliant Fuzzy-based Collision Avoidance System for Myultiple Ship Encounters. *Preprints.org*
2. **Maimun, A.**, Heikata, K., Khairuddin, J., Siow, CL., Ali A. (2021). Estimation of Ship Powering in Preliminary Ship Design using Graph Theory and Machine Learning Method, Int. Conf. on Design and Concurrent Engineering 2021 and Manufacturing System Conf. 2021.
3. Naiem, MAM., Othman, EH., **Maimun, A.**, Ali, A., Adnan, FA., Wilson, PA., Zain, MZM. (2021) Drag Analysis of Three Rudder-Shaped like Bodies. Journal of Advanced Research in Fluid Mechanics and Thermal Science. Vol. 78 (1), Pp 11-22.



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4. **Maimun, A.**, As Suof Aljen (2020). The Drag Marine Vertical Axis Current Turbine to Assist in the Electrification of Offshore Platforms. Offshore Technology Conference Asia.
5. Fitriadhy, A., Lim, SY., **Maimun, A.**, (2020). Prediction of an Optimum Total Resistance Coefficient on Catamaran using Design of Experiment (DOE) incorporated with CFD Approach. EPI International Journal of Engineering, Vol. 3 (1), pp. 74-83.
6. Khairuddin, J., **Maimun, A.**, Siow, CL. (2020). Ship Systems Synthesis and Analysis using Holistic Design Approach: The QFD-AD Method. IOP Conference Series: Materials Science and Engineering. 884 (1), 012091
7. **Maimun, A.**, Soufaljen, AS., Adibah, A. (2020). Fish Farm Electrification Utilising a Hybrid Device of Low-Speed Vertical Axis Turbine and Solar Panels. IOP Conference Series: Materials Science and Engineering. 884 (1), 012072.
8. Jamei, S, **Maimun, A.**, Niazmandi Bilandi, R., Azwandi, N., Mancini, S., Vitiello, L., Carlini, M. D. (2020). Wake Behind a Compound Wing in Ground Effect. Journal of Marine and Engineering. Vol. 8 (3).
9. Talib, CA., Aliyu, H., **Maimun, A.**, Siang, KH, Novopashenny, J., Ali, M. (2019). Sakai: A Mobile Learning Platform. International Journal of Interactive Mobile Technologies. Vol. 13 (11).
10. Behrouzi, F., Nakisa, M., **Maimun, A.**, Ahmed, YM., AS Souf-Aljen. (2019). Performance Investigation of Self-Adjusting Blades Turbine through Experimental Study. Energy Conversion and Management. 181. Pp: 178-188.

