



DR. SAYYID ZAINAL ABIDIN SYED AHMAD

Lecturer

Faculty of Ocean Engineering Technology
University Malaysia Terengganu
Tel: +609 668 3116 Mobile: +6017 921 3437
E-mail: s.zainal@umt.edu.my

Scopus ID: 57204434903
Orcid ID: 0000-0003-3739-9257
Researcher ID: AAX-1386-2021

EDUCATION

Ph.D (Coastal and Offshore Engineering)



Universiti Teknologi Malaysia (UTM)
2017 - 2020

M.Sc (Engineering Mathematics)



Universiti Teknologi Malaysia (UTM)
2015 - 2016

B.Eng.Tech. (Hons) (Naval Architecture)



Universiti Kuala Lumpur (UniKL)
2011 - 2014

Dip.Mech.Eng. (Manufacturing)



Universiti Teknologi MARA (UiTM)
2001 - 2004

EMPLOYMENT

Senior Lecturer

Faculty of Ocean Engineering Technology
Universiti Malaysia Terengganu
2021 - Present



Welding Inspector (Offshore Pipe Coating)



Sapura Acergy Sdn Bhd
2010

Welding Inspector (Equipment Systems)



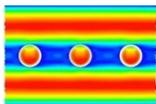
KNM Process Systems Sdn Bhd
2006 - 2009

Quality Control Inspector (Drum Boilers)

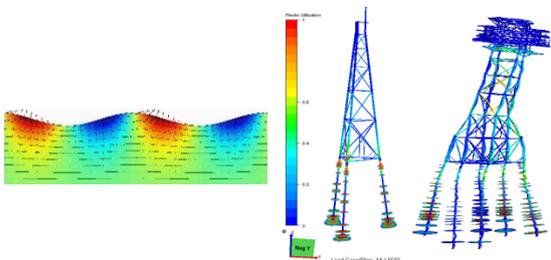
Amalgamated Metal Corporation Sdn Bhd
2005 - 2006



EXPERTISE



Nanofluid Heat Transfer
Wave Hydrodynamics
Offshore Probabilistic Modelling



PROFILE

Sayyid Zainal Abidin had been in the oil and gas industry as a Welding Inspector practitioner for around 6 years. With PCN Level II qualification from the BINDT, United Kingdom, he became a certificated person to perform any inspection tasks, defined in the relevant documents and demonstrated his ability to detect flaws and defects. He involved fabrication sites with custom designed process equipment and modular systems for the oil, gas, and petrochemicals such as drum boilers, piping, storage tank, and column refinery vessel. He currently works as a lecturer at the Faculty of Ocean Engineering Technology, Universiti Malaysia Terengganu.

PUBLICATIONS

	Web of Science	Scopus	Google Scholar
Total Publications	13	18	29
Total Citations	98	159	334
h-index	5	7	9

RESEARCH PROJECTS

Strategic Research Grant-Niche (Co-Researcher)
SRG-NICHE 2025 (RM 40,000)
(2025 - 2027)

Fundamental Research Grant Scheme – Early Career (Project Leader)
FRGS 2024 (RM 30,000)
(2024 - 2026)

Fundamental Research Grant Scheme (Co-Researcher)
FRGS 2023 (RM 89,500)
(2023 - 2025)

Fundamental Research Grant Scheme (Co-Researcher)
FRGS 2022 (RM 77,050)
(2022 - 2024)

Talent and Publication Enhancement (Project Leader)
TAPE-RG 2022 (RM 20,000)
(2022)

TEACHING AND SUPERVISION

Undergraduate Courses

- Fluid Mechanics
- Strength of Materials
- Ship Construction
- Naval Architecture and Ship Construction
- Advanced Naval Architecture
- Naval Architecture I

Supervision (Co-SV)

- 1 MSc. : Graduated
- 2 Ph.D : Graduated

SOFTWARE LITERACY

