



# DR. SAYYID ZAINAL ABIDIN SYED AHMAD

Lecturer

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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)



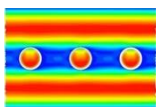
KNM Process Systems Sdn Bhd  
2006 - 2009

### Quality Control Inspector (Drum Boilers)

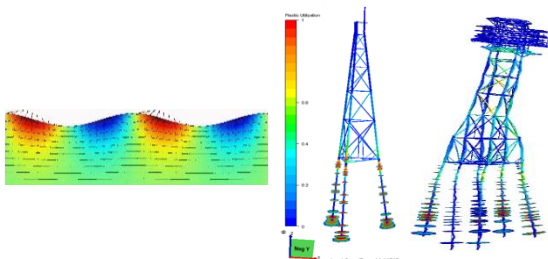
Amalgamated Metal Corporation Sdn Bhd  
2005 - 2006



## EXPERTISE



Nanofluid Heat Transfer  
Wave Hydrodynamics  
Offshore Probabilistic Modelling



## PROFILE

Sayyid Zainal Abidin has 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 become a certificated person to perform any inspection tasks defined in the relevant documents and demonstrates his ability to detect flaws and defects. He involves 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	11	16	26
Total Citations	37	77	206
h-index	4	5	6

## RESEARCH PROJECTS

Fundamental Research Grant Scheme (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
- Ship Construction
- Advanced Naval Architecture
- Naval Architecture

### Supervision (Co-SV)

- 1 Ph.D and 1 MSc. : Graduated
- 1 Ph.D : On-going

## SOFTWARE LITERACY

