



# DR. ZULKIFLI MOHD YUSOP

Faculty of Ocean Energy and Technology,  
Universiti Malaysia Terengganu, 21030, Kuala Nerus, Terengganu, Malaysia

**Tel:** +6096683143

**Mobile:** +60167627502

**E-mail:** zulkifli.yusop@umt.edu.my



Scopus ID: 55757783455



0000-0001-6521-8498

## EDUCATION

**PhD. Mechanical Engineering**  
Universiti Teknologi Malaysia (2017)

**BEng. Electrical (Instrumentation  
and Control)**  
Universiti Teknologi Malaysia (2010)

## EMPLOYMENT

**Senior Lecturer**  
Faculty of Ocean Engineering,  
Universiti Malaysia Terengganu  
Oct 2022 – Present

**Research Officer**  
East Coast Renewable Energy Resarch Group  
(ECRE), Universiti Malaysia Terengganu  
2018 – 2022

**Control & Electrical Engineer**  
MFZ Unite Enterprise, Terengganu  
2015 – 2016

**Electrical & Electronic Engineer**  
Mechatronics Intelligent & Design Sdn. Bhd  
2012 – 2014

**Research Assistant**  
Universiti Teknologi Malaysia  
2010 – 2011

**Technical Assistant**  
Sime – Sirim Sdn. Bhd.  
May – July 2008

## EXPERTISE

**Robotic  
Renewable Energy  
System Optimization  
Instrumentation and Control  
Smart Energy Management System**

## Publications

	Web of Science	Scopus	Google Scholar
Total Publications	10	21	29
Total Citations	77	130	196
h-index	4	6	7

## Research, Consultation & Innovation

**2** Research  
Grants  
RM 162,506

**2** Consultation  
Projects  
RM 14,360,784

**2** Patents

● TAPE-RG UMT (PI) 12.3%

● INDUSTRY (Co)

● FRGS (Co) 87.7%

● PI2013701100 – A system  
of Tremor Measurement

● PI2013700596 – A writing  
Means Adapted for Person  
Suffering from Hand  
Tremor

\*Percentage by the total amount of grant.

## Teaching & Supervision

### Undergraduate Courses

- EDI3333/3183 – Basic Programming for Technologist
- EDI3403 – Design of Electronics Equipment
- EDI4503 – Wireless Communication (MOOC)
- EDI4153 – Embedded System

### Supervision

- 5 Undergraduate Final year Project
- 1 MSc. (main supervisor) on-going
- 1 MSc. (co-supervisor) on-going

## Academic Recognition

**2** Thesis Examiner

**10** Journal Reviewer

**1** Guest Speaker

## Awards

- 2x Gold Awards in FTKKI Industry Day 2022
- Gold Awards in 16th Exhibition (INATEX 2014)
- Gold Medal in Malaysia Technology Expo (MTE 2012)
- Silver Medal in Malaysia Technology Expo (MTE 2012)
- Gold Medal in 22nd International Invention, (ITEX 2011)
- Silver Award in 12th Industrial Art and Technology Exhibition (INATEX 2010)
- 3x Silver Medal in 21st International Invention, Innovation and Technology Exhibition (ITEX 2010)
- 2nd Runner Up a and Mabuchi Motor Awards in 6th ABU ASIA-PASIFIC ROBOT CONTEST 2007 VIETNAM
- Champion and 1st Runner Up in ROBOCON Malaysia 2007 Robot Contest

## Professional Membership

- Graduate Engineer, Board of Engineer Malaysia (BEM) Id. No: 68861A