



# DR MUHAMMAD SYARIFUDDIN YAHYA

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📍 Scopus ID: 57194597906

📍 Researcher ID: AAM-6372-2020

## EDUCATION

PhD in Physics - 2018

UNIVERSITI MALAYSIA  
TERENGGANU

- Solid-state Hydrogen Storage

Master of Science  
(Research) - 2015

UNIVERSITY OF OXFORD

- The Integration of Phase Change Materials (PCMs) as Thermal Energy Storage

Master of Engineering Science  
(Coursework) - 2009

CURTIN UNIVERSITY OF TECH.

- Renewable Energy Electrical Power Systems

Bachelor of Science - 2005

UNIVERSITI KEBANGSAAN  
MALAYSIA

- Nuclear Science

## EMPLOYMENT

Senior Lecturer

- Faculty of Ocean Engineering Technology - Since 2019

Tutor

- Department of Physical Sciences, Faculty of Science and Technology, Kolej Universiti Sains dan Teknologi Malaysia - 2009 to 2019

Academic Fellow

- Department of Physical Sciences, Faculty of Science and Technology, Kolej Universiti Sains dan Teknologi Malaysia - 2007 to 2009

## ABOUT ME

I am Muhammad Syarifuddin Bin Yahya, a Senior Lecturer at the Faculty of Ocean Engineering Technology, Universiti Malaysia Terengganu, holding a PhD in Physics. My expertise lies in Hydrogen Storage, Hydrogen Production, Advanced Materials, Renewable Energy, and Thermal Energy. My research is focused on sustainable energy innovations, particularly in Solid-State Hydrogen Storage. I am dedicated to advancing these fields through impactful research and mentoring future scientists.

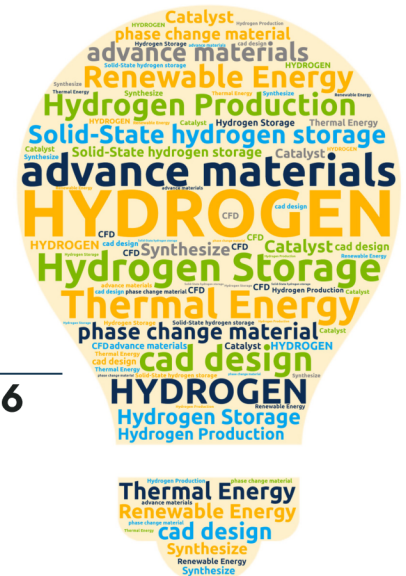
## RESEARCH INTEREST

### PUBLICATION

	Web of Science	Scopus
Total Publication	44	53
Total Citation	1225	1306
H-index	19	20
Chapter in book - 2		

### GRANT - MYR 1,032,536

Grant	PI	Co
National	1	2
University	-	4
Industry	1	4



## TEACHING COURSES AND SUPERVISION

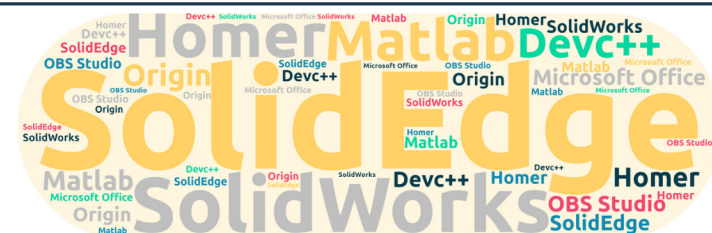
### Undergraduate courses:

- Introduction to Renewable Energy
- Programming For Technologist
- Engineering Mathematics

### Supervision

Main	Co
PhD graduated	2
PhD ongoing	2
Master ongoing	1

## TECHNICAL EXPERTISE



## ACADEMIC RECOGNITION AND KNOWLEDGE TRANSFER

- 1 Thesis Examiner
- 4 Associate Editor/Editor
- 6 State Program Facilitator/ Demonstrator
- 2 Guest Lecture
- 8 Guest Speaker