



# HIDAYATUL AINI ZAKARIA DR

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## Education

**University of Queensland**  
PhD in Bio-Engineering  
2007 - 2011

**Universiti Malaya**  
Bachelor of Engineering  
(Bio-Medical Engineering)  
2000 - 2005

## Work Experience

**Universiti Malaysia Terengganu**  
Senior Lecturer  
2012 - Current

**Radibems Sdn. Bhd**  
Biomedical Engineer  
2006

## Professional Membership

- Board of Engineers Malaysia
- Asia-Pacific Chemical, Biological and Environmental Engineering Society

## Research Interests

**Terahertz technology**

**Piezoelectric energy harvesting**

**Wastewater treatment**

Journal article 86.7%  
Conference proceeding 13.3%

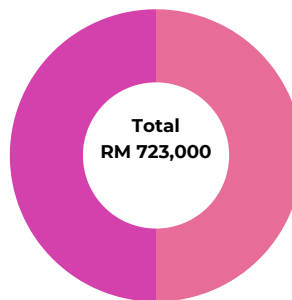


## Publications

	Web of Science	Scopus	Google Scholar
Total Publication	8	15	16
Total Citations	90	109	159
h-index	4	4	7

## Research Grants

Principal investigator Co-researcher



### Selected Research Grants

**FRGS (RM83,200) - Principal investigator**  
The elucidation of fibrillar protein structure for analysis of amyloidal diseases for a rapid diagnosis approaches by THz spectroscopy

**ERGS (RM94,800) - Principal investigator**  
Synthesis of in vitro protein expression system expressing murine polyomavirus-like particles with the outer membrane protein of Pasteurella multocida for future application as vaccine for pneumonic

## Post-graduate Supervision

- 2 MSc. graduated
- 1 PhD and 1 MSc. on-going

## Recent accomplishments

- Gold medal at Pre-Novel Research and Innovation Competition 2014, Universiti Malaysia Terengganu
- Bronze medal at Novel Research and Innovation Competition 2014, Universiti Sains Malaysia
- Bronze and Silver medal at Minggu Penyelidikan dan Inovasi 2018, Universiti Malaysia Terengganu
- Bronze medal at Minggu Penyelidikan dan Inovasi 2019, Universiti Malaysia Terengganu
- Silver medal at Minggu Penyelidikan dan Inovasi 2020, Universiti Malaysia Terengganu