



(Assoc. Prof. Ts. Dr.)  
**MOHD FIRDAUS MALEK**

**Head & Senior Fellow**  
NANO-SciTech (NST) Laboratory, Centre  
for Functional Materials & Nanotechnology  
(CFMN), Institute of Science (IOS), UiTM  
Malaysia

**Lecturer**  
Faculty of Applied Sciences, UiTM Malaysia



## ACADEMIC & WORK EXPERIENCE

**Senior Lecturer**  
Faculty of  
Applied Sciences  
**Research Fellow**  
Institute of Science

2023  
2017  
2017  
2012  
2008



**Assoc. Prof.**  
Faculty of  
Applied Sciences  
**Senior Fellow**  
Institute of Science

**Doctor of Philosophy in  
Electrical Engineering**  
- Universiti Teknologi MARA  
- Nagoya Institute of  
Technology, Japan  
**SAKURA Exchange  
Programme in Science**  
**Royal Chancellor's  
Excellence Doctoral  
Award**

**Bachelor of  
Science with  
Honours (Physics)**  
Universiti Teknologi  
MARA



## SCHOLARSHIP



National Science Fellowship (NSF)



Program Ahli Sains & Penyelidik  
Muda (PSPM)



## RESEARCH LINKS

- Scopus - <https://www.scopus.com/authid/detail.uri?authorId=58755608200>
- Web of Science - <https://www.webofscience.com/wos/author/record/AAT-2161-2020>
- ORCID - <https://orcid.org/0000-0002-0714-4117>
- Google Scholar - <https://scholar.google.com/citations?user=621R0HsAAAAJ&hl=en>
- ResearchGate - [https://www.researchgate.net/profile/Mf\\_Malek](https://www.researchgate.net/profile/Mf_Malek)



## SPECIALIZATION

Nanoscience &  
Nanoteknologi



## COLLABORATORS / NETWORKING



Nagoya  
Institute of  
Technology



NUS  
National University  
of Singapore



UNIVERSITI  
PENDIDIKAN  
SULTAN IDRIS  
SULTAN IDRIS EDUCATION UNIVERSITY



UTHM  
Universiti Tun Hussein Onn Malaysia



UPNM  
National Defence University of Malaysia



## PROFESSIONAL BODIES



## RESEARCH PROJECT RECOGNITION/ACHIEVEMENTS

**12** Copyright Filed  
& Granted



**05** Excellent Awards  
Research Excellence Award  
Excellence Service Award

**30** Innovation Awards  
Innovation, Invention &  
Exhibition Award

**09** PROJECT as Leader  
Total grant leader  
RM 473,800.00

**14** PROJECT as Member  
Total grant co-researcher  
RM 2, 245,087.60

**23** PROJECT Involved  
Total grant involved  
RM 2, 718,887.60



## TEACHING, SUPERVISION & PUBLICATION

**12**  
SUBJECTS  
TEACHING

**1**  
Completed  
SUPERVISION  
9 Ongoing  
5 Main SV 4 Co-SV

**9**  
Completed  
SUPERVISION  
2 Ongoing  
1 Main SV 1 Co-SV

**38**  
Completed  
SUPERVISION  
7 Ongoing  
5 Main SV 2 Co-SV

**12**  
Completed  
SUPERVISION  
INDUSTRIAL TRAINING

