



ACADEMIA INFO

Scopus ID :

55889336600

WoS ID :

1372925anis-nazihah-mat-daud

Google Scholar :

Anis Nazihah Mat Daud

AREAS OF EXPERTISE

Fizik

Instrumentation,
Nondestructive Testing,
Science Education (Physics)

SUPERVISION

PhD

Ongoing : 0

Master

Ongoing : 3

Scan here to see
my EXPERT@UPSI



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📍 Faculty of Science and Mathematics
Universiti Pendidikan Sultan Idris (UPSI)

BIOGRAPHY

A lecturer from the Faculty of Science and Mathematics, Universiti Pendidikan Sultan Idris, Tanjung Malim, Perak, Malaysia. Specializes in Instrumentation, Nondestructive Testing, Science Education (Physics).

ACADEMIC QUALIFICATION

- 2020 **DOCTOR OF PHILOSOPHY PHYSICS (FIZIK)**
Universiti Teknologi Malaysia (Skudai)
- 2014 **SARJANA SAINS (INSTRUMENTASI) (Instrumentasi)**
Universiti Pendidikan Sultan Idris
- 2010 **ijazah Sarjana Muda Pendidikan (Sains) dengan Kepujian**
Universiti Pendidikan Sultan Idris

RESEARCH

1. Pembangunan Dokumen Standard Kurikulum Pendekatan Neoterik Dan Modul Pembelajaran Untuk Kluster Perkembangan Manusia Bagi Tahap Satu
2021 **Leader** Universiti Pendidikan Sultan Idris
2. Pembangunan Dan Keberkesanan Permainan Battle Of Monsterlysis (BOM) Untuk Topik Elektrokimia Bagi Pelajar Tingkatan Empat
2021 **Member** Universiti Pendidikan Sultan Idris
3. Pembangunan Modul Reka Bentuk Rancangan Aktiviti Pengintegrasian STEM Secara Dalam Talian Untuk KSSM Fizik Tingkatan Empat Dan Keberkesananannya Dalam Kalangan Guru
2021 **Member** Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 1 **Effect of Temperature and Frequency on the Acoustic Properties of Konjac Glucomannan–Agar Gels as Tissue Mimicking Materials**
Solid State Phenomena
2020 SCOPUS Correspondence Author
- 2 **Harmonic series experiments: length correction of the Malaysia pan flute**
Physics Education
2018 SCOPUS Correspondence Author
- 3 **Acoustic Characterisation of Konjac Glucomannan Gel as a Medical Phantom**
Solid State Phenomena
2017 SCOPUS First Author
- 4 **Elastic constant determination of hardwoods using ultrasonic insertion technique**
Ultrasonics
2017 SCOPUS Correspondence Author
- 5 **Effect of ammonia/gallium ratio and growth temperature towards the surface morphology of semi-polar GaN grown on m-plane sapphire via MOCVD**
EDUCATUM Journal of Science Mathematics and Technology
2021 Malaysian Citation Index Co-Author
- 6 **Visualizing the superposition principle of sound waves in both-closed-end resonance tube**
Physics Education
2019 SCOPUS Co-Author
- 7 **Development and Evaluation of Multi-frames Video Recorded Experiments as Self-learning Materials for Electricity Topic**
Malaysian Online Journal of Educational Technology (MOJET)
2019 Malaysian Citation Index Co-Author
- 8 **Determination of Fluid Viscosity Coefficient Using jetAudio and Subtitle Edit**
Jurnal Ilmu Pendidikan Fisika (JIPF)
2019 Google Scholar Co-Author
- 9 **Visualization of Harmonic Series in Resonance Tubes Using Smartphone**
The Physics Teacher
2016 SCOPUS Co-Author
- 10 **Effectiveness of Multi-Frames Video Recorded Experiments on Pre-University Students' Achievement for Capacitor Topic**
EDUCATUM Journal of Science Mathematics and Technology
2016 Malaysian Citation Index Co-Author
- 11 **Physics demonstration of sound waves using Visual Analyser**
Latin-American Journal of Physics Education
2013 Excellent Research Australia (ERA) Co-Author

Simple design of a gravity-independent mass balance.

12 Applied Mechanics and Materials

2013 Excellent Research Australia (ERA) Co-Author

SUPERVISION

Pembangunan Dan Keberkesanan Modul Pembelajaran Kendiri Berdasarkan Dokumen Standard Kurikulum Pendekatan Neoterik Bagi Sains Tahun Dua.

1

2021 Master National Supervisor

Pembangunan Dan Keberkesanan Modul Kendiri Berdasarkan Dokumen Standard Kurikulum Pendekatan Neoterik Bagi Tahun 1

2

2021 Master National Supervisor

PEMBANGUNAN DAN KEBOLEHGUNAAN MODUL PGeL TERHADAP PENTAFSIRAN GRAF GERAKAN LINEAR

3

2021 Master National Co-Supervisor

CONSULTATION / ADULATION

Reviewer for Measurement Science and Technology

1

2020 IOP Publishing Completed

Reviewer for American Journal of Physics

2

2020 AIP Publishing Completed

Reviewer for Measurement Science and Technology

3

2020 IOP Publishing Completed

Reviewer for Integrity Journal of Education and Training

4

2020 Integrity Mega Research Publishers Completed

Reviewer for International Journal of Radiology and Imaging Technology

5

2020 ClinMed International Library Completed

Reviewer for Measurement Science and Technology

6

2020 IOP Publishing Completed

Perunding Tidak Berbayar untuk Pembangunan Modul Pendidikan Sains, Teknologi, Kejuruteraan dan Matematik (STEM)

7

2020 Pusat STEM Negara, Bahagian Perancangan dan Penyelidikan Dasar Pendidikan, Kementerian Pendidikan Malaysia Completed

Penilai Kertas Projek Mod C bagi Program Ijazah Sarjana Pendidikan Fizik

8

2020 Universiti Pendidikan Sultan Idris Completed



9 Journal Editor for JIPF (Jurnal Ilmu Pendidikan Fizika)

2022 Institute of Managing and Publishing of Scientific Journals In Progress