



**PROF. MADYA IR. DR MOHD
FARED BIN ABDUL KHIR**

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Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 2

Master - Completed: 1, Ongoing: 0

AREAS OF EXPERTISE

Digital Security Risk Management

Information System Security

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Microengineering And Nanoelect.

ACADEMIC QUALIFICATION

Phd in Microengineering And Nanoelect (2012)

Master in Computer Science (2003)

Bachelor in Electronic And Information En (1996)

RESEARCH

1. SISTEM WUDUK JIMAT AIR

2024

ON GOING

MAIN RESEARCHER

**2. PROGRAM: PIG SKIN LEATHER DETECTION USING NIR
SPECTROSCOPY AND CHEMOMETRICS TECHNIQUE PROJEK: PIG
SKIN LEATHER DETECTION USING NIR SPECTROSCOPY AND
CHEMOMETRICS TECHNIQUE**

2023

ON GOING

MAIN RESEARCHER

PUBLICATION

1. RAPID AUTHENTICATION OF PIG LEATHER AND SYNTHETIC ALTERNATIVES USING NIR SPECTROSCOPY AND CHEMOMETRICS APPROACH

2025 JOURNAL

2. PENGURUSAN RISIKO KESELAMATAN MAKLUMAT: PENGAJARAN DARI SIRAH

2025 PROCEEDING

3. EVOLUSI PENGURUSAN KESELAMATAN SIBER ORGANISASI: SEJARAH, CABARAN DAN MASA DEPAN

2025 CHAPTER IN BOOK

4. PENGURUSAN RISIKO KESELAMATAN SIBER DENGAN NILAI-NILAI ISLAM

2024 PROCEEDING

5. TEKNOLOGI PENJIMATAN AIR KETIKA MENGAMBIL WUDHU DAN PERSPEKTIF PENGGUNA

2023 PROCEEDING

6. MAAHAD@HOME : PEMBANGUNAN RANGKA KERJA DAN KAJIAN RINTIS

2022 PROCEEDING

7. PREVENTION OF SENSITIVE INFORMATION LEAKAGE IN BUSINESS ORGANIZATION: A VIEW FROM MAQASID ALSHARIAH PERSPECTIVE

2021 PROCEEDING

8. KESEDARAN TERHADAP PERLINDUNGAN KETIRISAN MAKLUMAT DIGITAL MENURUT PERSPEKTIF ISLAM

2021 PROCEEDING

9. CLASSIFICATION OF COW MILK USING ARTIFICIAL NEURAL NETWORK DEVELOPED FROM THE SPECTRAL DATA OF SINGLE-AND THREE-DETECTOR SPECTROPHOTOMETERS

2019 JOURNAL

10. FT-NIR, MICRONIR AND LED-MICRONIR FOR DETECTION OF ADULTERATION IN PALM OIL VIA PLS AND LDA

2018 JOURNAL

11. DETECTING BEEF TALLOW ADULTERATION IN PALM OIL WITH DETECTING BEEF TALLOW ADULTERATION IN PALM OIL WITH NIR SPECTROSCOPY AND CHEMOMETRICS ANALYSIS

2018 JOURNAL

12. CLASSIFICATION AND QUANTIFICATION OF PALM OILADULTERATION VIA PORTABLE NIR SPECTROSCOPY

2016 JOURNAL

13. WEAK+VACUUM AND ONE DECOY STATE WITH TWO WAY QKD PROTOCOL

2013 JOURNAL

14. IMPLEMENTATION OF TWO-WAY FREE SPACE QUANTUM KEY DISTRIBUTION

2012 JOURNAL

15. IMPLEMENTATION OF TWO WAY QUANTUM KEY DISTRIBUTION PROTOCOL WITH DECOY STATE

2012 JOURNAL

CONSULTATION/ADULATION

1. PANEL PENYEMAK GARIS PANDUAN PENGURUSAN RISIKO KESELAMATAN SIBER

2023 NATIONAL AGENSI KESELAMATAN SIBER NEGARA (NACSA)

2. AHLI PANEL PEMERIKSA LUAR PROGRAM IJAZAH SARJANA MUDA SAINS KOMPUTER (KESELAMATAN SISTEM KOMPUTER) DENGAN KEPUJIAN, FAKULTI SAINS DAN TEKNOLOGI PERTAHANAN, UNIVERSITI PERTAHANAN NASIONAL MALAYSIA (UPNM)

2023 NATIONAL UNIVERSITI PERTAHANAN NASIONAL MALAYSIA (UPNM)

3. PANEL PENYEMAK GARIS PANDUAN PENILAIAN TAHAP KESELAMATAN RANGKAIAN DAN SISTEM ICT SEKTOR AWAM.

2023 NATIONAL AGENSI KESELAMATAN SIBER NEGARA (NACSA)

4. PENSIJILAN PROFESIONAL GLOBAL ACE PENETRATION TESTER

2022 NATIONAL KPT

AWARDS/RECOGNITION

1. LEATHER CLASSIFICATION BASED ON NEAR-INFRARED SPECTROSCOPY AND CHEMOMETRICS ANALYSIS

2025 Antarabangsa Gold

2. IMAM TARAWIH ? PLATFORM PADANAN IMAM TAHFIZ DAN MASJID UNTUK RAMADAN

2025 Antarabangsa Silver

3. NATIONAL CYBER SECURITY BASELINE ASSESSMENT SYSTEM

2025 Antarabangsa Silver

4. LEATHER CLASSIFICATION BASED ON FTIR AND CHEMOMETRICS ANALYSIS

2024 Universiti Gold