



**PROF. MADYA IR. TS. DR.
MUHAMMAD MOKHZAINI
BIN AZIZAN**

PENSYARAH UNIVERSITI DS14

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Address: Fakulti
Kejuruteraan Dan Alam Bina

SUPERVISION

PhD - Completed: 2, Ongoing: 0

Master - Completed: 0, Ongoing: 1

AREAS OF EXPERTISE

Electrical Power Generation And Supply

Power System

Renewable Energy

Image Processing And Pattern Recognition

Artificial Intelligence And Intelligent Systems For Life Sciences

BIOGRAPHY

A lecturer from Fakulti Kejuruteraan Dan Alam Bina. Holds a PhD in Kejuruteraan Elektrik Dan Elektronik.

ACADEMIC QUALIFICATION

Phd in Kejuruteraan Elektrik Dan Elektronik (2013)

Master in Kejuruteraan Elektrik Dan Elektronik (2009)

Bachelor in Kejuruteraan (kuasa Industri) (2006)

RESEARCH

**1. DEVELOPMENT OF DATA BASED ENERGY EFFICIENCY
MANAGEMENT SYSTEM AT KAMPUS BAROKAH USIM FOR COST
EFFECTIVE PRACTISE USING PREDICTIVE AND MACHINE LEARNING
CAPABILITY**

2022

ON GOING

MAIN RESEARCHER

PUBLICATION

1. INTRODUCTORY CHAPTER

2023

CHAPTER IN BOOK

CONSULTATION/ADULATION

1. TECHNICAL EVALUATOR SECARA FREELANCE

2023

NATIONAL

TNB LABS SDN BHD

2. TECHNICAL EVALUATOR SECARA FREELANCE UNTUK TNB LABS SDN BHD

2022

NATIONAL

TNB LABS SDN BHD

3. PROGRAM PENINGKATAN PERUSAHAAN SOSIAL ASAS B40 MELALUI TEKNOLOGI APLIKASI TELEFON IBOSS

2022

NATIONAL

IBOSS INNOVATIVES SDN BHD

4. Battery Storage Management System (BSMS) and Technical Knowledge Training

National

Technopreneur UniMAP Sdn Bhd

AWARDS/RECOGNITION

1. CURRICULUM ADVISOR (PENASIHAT KURIKULUM)

2025

NATIONAL

2. EDUGARDENXR: AN AR/VR-BASED ISLAMIC ENERGY GARDEN FOR SHARIAH-COMPLIANT SUSTAINABLE LEARNING

2025

Antarabangsa

Gold

3. BEST INNOVATION AWARD (CLASS A) - INDOOR COMFORT ENVIRONMENT ICE BOX

2024

INTERNATIONAL

4. ICE BOX

2024

Antarabangsa

Gold

5. INDOOR COMFORT ENVIRONMENT ICE BOX

2024

Antarabangsa

Certificate of appreciation