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PENSYARAH UNIVERSITI DS14

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FACULTY

Fakulti Kejuruteraan Dan Alam Bina

SUPERVISION

PhD

2

COMPLETED

0

ONGOING

Master

0

COMPLETED

1

ONGOING

AREAS OF EXPERTISE

Power Quality

Energy Efficiency

Artificial Intelligence And Optimisation Methods

ACADEMIC QUALIFICATION

2013

PhD - Kejuruteraan Elektrik Dan Elektronik

2009

Master - Kejuruteraan Elektrik Dan Elektronik

2006

Bachelor - Kejuruteraan (kuasa Industri)

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

GERAN PENYELIDIKAN USIM

ON GOING

MAIN RESEARCHER

PUBLICATION

1. INTRODUCTORY CHAPTER

POWER QUALITY - NEW INSIGHT

2023

CHAPTER IN BOOK

MAIN AUTHOR

CONSULTATION

1. TECHNICAL EVALUATOR SECARA FREELANCE

TNB LABS SDN BHD

2023

NATIONAL

2. TECHNICAL EVALUATOR SECARA FREELANCE UNTUK TNB LABS SDN BHD

TNB LABS SDN BHD

2022

NATIONAL

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

IBOSS INNOVATIVES SDN BHD

2022

NATIONAL

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

Technopreneur UniMAP Sdn Bhd

National

AWARDS/RECOGNITION

1. CURRICULUM ADVISOR (PENASIHAT KURIKULUM)

JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI KEMENTERIAN PENDIDIKAN TINGGI

2025

NATIONAL

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

INNOVATION BANK CHALLENGE 2025

2025

ANTARABANGSA

GOLD

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

2024

INTERNATIONAL

4. ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024

ANTARABANGSA

GOLD

5. INDOOR COMFORT ENVIRONMENT ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024

ANTARABANGSA

CERTIFICATE OF APPRECIATION