

Profile Image

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Faculty: Fakulti Kejuruteraan
Dan Alam Bina

SUPERVISION

PhD - Completed: 1, Ongoing: 0

Master - Completed: 0, Ongoing: 1

AREAS OF EXPERTISE

Electrical Power Generation And Supply

Renewable Energy

Solar Energy Technology

High Voltage

ACADEMIC QUALIFICATION

PhD in Electrical Power (2019)

Master in Pengurusan Kejuruteraan (2014)

Bachelor in Elektrik Dan Elektronik (2008)

RESEARCH

1. THE IMPACT OF LIGHTNING STRIKES ON ELECTRIC VEHICLES
INTEGRATED WITH SOLAR PV SYSTEMS FOR SUSTAINABLE
ENERGY SOLUTION

2024

GERAN KPT

ON GOING

MAIN RESEARCHER

PUBLICATION

1. LIGHTNING SURGE ON THE DC AND AC SIDE OF SOLAR PV SYSTEM

11TH ASIA-PACIFIC INTERNATIONAL CONFERENCE ON LIGHTNING (APL)

2019

PROCEEDING

NON-INDEX

MAIN AUTHOR

2. ON THE EFFECT OF SURGE PROTECTION DEVICES (SPDS) PLACEMENT FOR GRID-CONNECTED SOLAR PV FARM

34TH INTERNATIONAL CONFERENCE ON LIGHTNING PROTECTION (ICLP)

2018

PROCEEDING

NON-INDEX

MAIN AUTHOR

3. TEMPERATURE EFFECT ON THE ELECTRICAL PERFORMANCE OF POLY-CRYSTALLINE SOLAR PV PANEL

INTERNATIONAL CONFERENCE ON POWER, ENERGY & COMMUNICATION SYSTEMS (IPECS)

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

4. THE EFFECT OF TEMPERATURE ON A MONO-CRYSTALLINE SOLAR PV PANEL

2015 IEEE CONFERENCE ON ENERGY CONVERSION (CENCON)

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

CONSULTATION

1. TNB/QA/BHG.1/PC/N/22/0422 LOW VOLTAGE POLE CAPACITOR (RASTECH)

TNB LAB SDN BHD

2023

NATIONAL

2. IPC FOR CONNECTION OF LV CABLE FOR TEKNOBUMI SDN BHD

TNB LABS SDN BHD

2022

NATIONAL

3. CENTERED PALM SHEAR BOLT TYPE MECHANICAL TERMINATION LUG FOR MV CABLE TERMINATION

TNB LABS SDN BHD

2022

NATIONAL

4. SHEAR BOLTS TYPE MECHANICAL CONNECTOR FOR ALUMINIUM CONDUCTOR OF XLPE INSULATED CABLE JOINTS IN DISTRIBUTION DIVISION, TNB.

TNB LABS SDN BHD

2022

NATIONAL

5. OFFSET PALM SHEAR BOLT TYPE MECHANICAL TERMINATION LUG FOR CABLE TERMINATION

TNB LABS SDN BHD

2022

NATIONAL

AWARDS/RECOGNITION

1. INVESTIGATION OF LIGHTNING ELECTROMAGNETIC FIELDS ON THE DISTRIBUTION POWER LINES CLOSE TO THE LINE CORRIDOR TOWERS

2024 IEEE 4th International Conference in Power Engineering Applications

2024

ANTARABANGSA

BEST PAPER AWARD

2. MOST PROMISING AWARD (IPTA/IPTS/ILK/KV) IN PERTANDINGAN INOVASI HALAL NASIONAL 2023 (PIHAN'23)

2023

UNIVERSITY

3. CONCEPTUAL MODELLING FOR RECYCLING CO2 EMISSION WITH FLEXIBLE THIN FILM SOLAR

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023

UNIVERSITI

BRONZE

4. ULTRASONIC TOMOGRAPHY TECHNIQUE FOR DETECTING FOREIGN OBJECTS BELOW 1 MILIMETRE IN MILK PACKAGING

Pertandingan Inovasi Halal Nasional 2023 (PIHAN'23)

2023

KEBANGSAAN

GOLD

5. STAF CONTOH MEI 2022

2022

OTHERS