

Profile Image

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CONTACT

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Faculty: Fakulti Kejuruteraan
Dan Alam Bina

SUPERVISION

PhD - Completed: 1, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Electric Discharges

Electrical Power Generation And Supply

High Voltage

Power System

ACADEMIC QUALIFICATION

PhD in Kejuruteraan Elektrik Kuasa (2017)

Master in Kejuruteraan Elektrik Kuasa (2013)

Bachelor in Kejuruteraan Elektrik Kuasa (2010)

RESEARCH

1. INVESTIGATION OF INDUCED VOLTAGE ON UNDERGROUND
TRANSMISSION CABLES WITHIN LINE CORRIDORS FOR URBAN
PLANNING.

2021

GERAN KPT

COMPLETED

MAIN RESEARCHER

PUBLICATION

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 (ICPEA)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

2. EFFECTS OF LIGHTNING ELECTROMAGNETIC FIELD DUE TO LIGHTNING STRIKES ON A TALL STRUCTURE

JOURNAL OF ELECTRICAL & ELECTRONIC SYSTEMS RESEARCH (JEESR)

2023 JOURNAL MYCITE MAIN AUTHOR

3. LIGHTNING-INDUCED VOLTAGE ON DISTRIBUTION LINE DUE TO INCLINED LIGHTNING CHANNEL

2018 BOOK MAIN AUTHOR

4. VARIATIONS IN RETURN STROKE VELOCITY AND ITS EFFECT ON THE RETURN STROKE CURRENT ALONG LIGHTNING CHANNEL

INTERNATIONAL CONFERENCE ON LIGHTNING PROTECTION (ICLP)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

5. EFFECT OF SOIL RESISTIVITY ON MAGNETIC FIELD IN THE CASE OF LIGHTNING STRIKE TO A TALL STRUCTURE

INTERNATIONAL CONFERENCE ON LIGHTNING PROTECTION (ICLP)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

6. EFFECT OF THE GROUNDING SYSTEM ARRANGEMENT ON THE LIGHTNING CURRENT ALONG TALL STRUCTURES

INTERNATIONAL CONFERENCE ON LIGHTNING PROTECTION (ICLP),

2014 PROCEEDING NON-INDEX MAIN AUTHOR

7. EVALUATION OF LIGHTNING INDUCED OVER-VOLTAGE DUE TO VARIATIONS OF CHANNEL ANGLE

2013 IEEE 7TH INTERNATIONAL POWER ENGINEERING AND OPTIMIZATION CONFERENCE (PEOCO 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

8. ON THE INFLUENCE OF INCLINED LIGHTNING CHANNEL ON LIGHTNING INDUCED VOLTAGE EVALUATION

2012 INTERNATIONAL CONFERENCE ON LIGHTNING PROTECTION

2012 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. PENILAIAN TEKNIKAL SIJIL GUNA PAKAI BAGI LIMA PRODUK FEEDER PILLAR

TNB LABS SDN BHD

2023

NATIONAL

2. LOW VOLTAGE HRC BLADE CONTACT TYPE

TNB LABS SDN BHD

2022

UNIVERSITY

3. BATTERY STORAGE MANAGEMENT SYSTEM (BSMS) AND TECHNICAL KNOWLEDGE

TECHNOPRENEUR UNIMAP SDN BHD (TUSB)

2021

UNIVERSITY

4. Penilaian Teknikal Sijil Guna Pakai bagi Dua Product Feeder Pillar

TNB Labs Sdn Bhd

Others

AWARDS/RECOGNITION

1. BEST PROJECT AWARD OF FINAL YEAR PROJECT

2024

UNIVERSITY

2. FINAL YEAR PROJECT & POSTGRADUATE: RESEARCH & INNOVATION POSTER COMPETITION (RIPC) 2024/ GOLD AWARD

2024

UNIVERSITY

3. IIUM RESEARCH & INNOVATION DAY 2024/ BRONZE AWARD

2024

UNIVERSITY

4. IIUM RESEARCH & INNOVATION DAY 2024/ BRONZE AWARD

2024

UNIVERSITY

5. 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