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Ir. Hendra Zulkarnain, M.T. dilahirkan di Pematang Siantar pada tanggal 14 Mei 1961. Saat ini, beliau menjabat sebagai dosen Elektro di Universitas Sumatera Utara dengan bidang ilmu Teknik Elektro. Beliau menyelesaikan pendidikan terakhirnya yakni Magister (S2) Teknik Elektro di Universitas Sumatera Utara (USU) tahun 2018.

Publications

2021

Prosiding seminar internasional

Mineral Mix and Soybean Oil Methyl Ester as an Alternative to the Transformer Insulating Oil

HENDRA ZULKARNAIN

2022

Prosiding seminar internasional

Analysis of Resistivity, Dielectric Strength and Tensibility of Insulator Materials of A Mixture of Epoxy Resin, Silicone Rubber, and Coal Ash

YULIANTA SIREGAR , HENDRA ZULKARNAIN

2022

Prosiding seminar internasional

Design of Transformer Oil Purification Equipment

HENDRA ZULKARNAIN , YULIANTA SIREGAR

2022

Prosiding seminar internasional

Effect Temperature on Dielectric Strength of Transformer Oil With Nanoparticle SiO₂ and CCl₄

HENDRA ZULKARNAIN , YULIANTA SIREGAR

2019

Prosiding seminar internasional

Influence of Artificial Pollutants on Disc Insulators under Dry and Wet Conditions on Leakage Current and Flashover Voltage

HENDRA ZULKARNAIN

2022

Prosiding seminar internasional

Dielectric Strength of SF₆-N₂ and SF₆-CO₂ due to Temperature and Pollutants

YULIANTA SIREGAR , HENDRA ZULKARNAIN

2023

Prosiding seminar internasional

Air cleaner design using multiplier voltage application

DANU ALIF TARA , HENDRA ZULKARNAIN , YULIANTA SIREGAR

2023

Prosiding seminar internasional

The effect of grading ring electrodes and stub positions on the voltage distribution of glass chain insulators in polluted conditions

HENDRA ZULKARNAIN , MARIANI PURBA , YULIANTA SIREGAR

2023

Prosiding seminar internasional

Effect Variation of Grading Electrode and Stub Position on Polluted Chain Isolator

DRESS BOBYAN GINTING , YULIANTA SIREGAR , HENDRA ZULKARNAIN

2019

Prosiding seminar internasional

Influence of Artificial Pollutants on Disc Insulators under Dry and Wet Conditions on Leakage Current and Flashover Voltage

HENDRA ZULKARNAIN

2023

Prosiding seminar nasional

Resistivitas dan Indeks Polarisasi Minyak Transformator bekas dengan penambahan Nanopartikel ZNO dan AL₂O₃

HENDRA ZULKARNAIN

2022

Prosiding seminar internasional

The Dielectric Power of Mixed Gas Insulation of SF₆-CO₂ and SF₆-N₂

HENDRA ZULKARNAIN , YULIANTA SIREGAR

2018

Prosiding seminar internasional

Condition Monitoring of Distribution Transformers

HENDRA ZULKARNAIN , SUHERMAN , SYAFRUDDIN HS

2023

Prosiding seminar internasional

The Effect of Installation Angle and Rain Intensity on Partial Discharge Arising on The Cap Insulator Polluted and Wet Porcelain Plate

DANIEL ADRIANTO HUTAGALUNG , YULIANTA SIREGAR , HENDRA ZULKARNAIN

Community Services

2024

Ipteks Bagi Kewirausahaan

Penyusunan Peta Rencana dan Sesudah SPBE Pemerintah Daerah Sumatera Utara

EMERSON PASCAWIRA SINULINGGA , KASMIR TANDJUNG , HENDRA ZULKARNAIN

Intellectual Property Rights

2023

Paten nasional

Alat Purifikasi Minyak Trafo

YULIANTA SIREGAR , HENDRA ZULKARNAIN
