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Ir. Tigor Hamonangan Nasution, S.T, M.T. was born in Medan on April 15, 1985. He is an Electrical Engineering lecturer at Universitas Sumatera Utara. He completed his last education at the Master's level in the Electrical Engineering Study Program at Universitas Sumatera Utara in 2012.

Publications

2026

Jurnal internasional bereputasi

Intelligent SMES based on Flower Pollination Algorithm on Wind Power System for Dynamic Stability Enhancement

TIGOR HAMONANGAN NASUTION

2022

Prosiding seminar internasional

Design of Automatic Doors for Ultraviolet Sterile Box

FAHMI , TIGOR HAMONANGAN NASUTION

2025

Jurnal internasional bereputasi

The implementation of the K-nearest neighbor algorithm to detect the KRSRI robot obstacles

TIGOR HAMONANGAN NASUTION , SENIMAN , ARZA MUHAMMAD PRIHANDOYO

2025

Prosiding seminar internasional

Design of an Automatic Rainwater Drainage System for Nutrient Film Technique Hydroponic Plants

MUHFI ASBIN SAGALA , Eriko , TIGOR HAMONANGAN NASUTION

2021

Jurnal internasional bereputasi

Influence of Adding BESS as Ancillary Controller of Wind Power Plant on Low Frequency Oscillation

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2024

Prosiding seminar internasional

Design of location monitoring system on Lintas USU Bus

M. Aqmal Harist , TIGOR HAMONANGAN NASUTION

2017

Jurnal internasional bereputasi

Smart cloud system with image processing server in diagnosing brain diseases dedicated for hospitals with limited resources

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2017

Prosiding seminar internasional

Sequential - Storage of differences approach in medical image data compression for brain image datas

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2025

Prosiding seminar internasional

A Wi-Fi IR Blaster with On-Device Learning and a Flutter App for Multi-Brand Appliance Control

MUHFI ASBIN SAGALA , DEVID SUWANTO , TIGOR HAMONANGAN NASUTION

2024

Prosiding seminar internasional

Design of An Automatic Package Receiving System

INDRA AULIA , TIGOR HAMONANGAN NASUTION

2024

Prosiding seminar internasional

Design of Wheelchair using Body Position Tracking Designed For Paralyzed Patients

AWALUDIN RIZKI SAMOSIR , TIGOR HAMONANGAN NASUTION , FAHMI

2021

Prosiding seminar internasional

Advanced Coordination of VIC, LFC, and AVR for Stability Enhancement on Renewable Rich Power System

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2022

Jurnal internasional bereputasi

An Extreme Learning Machine Based Adaptive VISMA for Stability Enhancement of Renewable Rich Power Systems

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2022

Jurnal internasional bereputasi

Coordinated Design of DIPSS and CES Using MDEA for Stability Enhancement: Jawa-Bali Indonesian Power Grid Study Case

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Researches

2025

Pengembangan Sistem Electronic Nose Berbasis Kecerdasan Buatan Untuk Prediksi Aroma dan Kualitas Kopi Indonesia

ARIF RIDHO LUBIS , TIGOR HAMONANGAN NASUTION , Yoga Pratama
