

Dr. Ir. Tigor Hamonangan Nasution, S.T., M.T., IPM

Dosen Program Studi S1 Teknik Elektro
Fakultas Teknik
Universitas Sumatera Utara

✉ tigor.nasution@usu.ac.id

🏢 Fakultas Teknik Universitas Sumatera Utara

🌐 ft.usu.ac.id/id/dosen/tigor-hamonangan-nasution

Ir. Tigor Hamonangan Nasution, S.T., M.T., IPM adalah Wakil Dekan II Fakultas Teknik yang dilahirkan di Medan pada tanggal 15 April 1985. Beliau merupakan seorang dosen Teknik Elektro di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya yakni S2 USU Teknik Elektro pada tahun 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

TIGOR HAMONANGAN NASUTION

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

TIGOR HAMONANGAN NASUTION , FAHMI

2017

Prosiding seminar internasional

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

TIGOR HAMONANGAN NASUTION , FAHMI

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

TIGOR HAMONANGAN NASUTION

2022

Jurnal internasional bereputasi

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

TIGOR HAMONANGAN NASUTION

2022

Jurnal internasional bereputasi

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

TIGOR HAMONANGAN NASUTION

Researches

2025

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

ARIF RIDHO LUBIS , TIGOR HAMONANGAN NASUTION , Yoga Pratama
