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Muhammad Safril, born in Binjai on April 20, 1981, is a lecturer at the Universitas Sumatera Utara in Electrical Engineering. His final degree was a Master of Electrical Engineering from the Universitas Sumatera Utara's Faculty of Engineering, Electrical Engineering Study Program.

Publications

2026

Jurnal nasional

RANCANG BANGUN SISTEM PEMBANGKIT LISTRIK TENAGA ANGIN PEMBARUAN MENGGUNAKAN TENAGA GENERATOR AC

MUHAMMAD SAFRIL

2026

Jurnal nasional

Rancang Bangun Miniatur Sistem Automasi Penyiram Tanaman Menggunakan IOT (Internet Of Things) Berbasis Telegram

MUHAMMAD SAFRIL

2024

Prosiding seminar internasional

Design Analysis of Comparison Variations in the Number of Blades 3 and 6 On the Performance of Horizontal Wind Turbines with AC Generators

MUHAMMAD SAFRIL , SUHERMAN

2026

Jurnal nasional terakreditasi

Disain Smart Electricity Penghematan pada Peralatan Listrik Menggunakan Sensor Ultrasonic

MUHAMMAD SAFRIL

2023

Jurnal internasional

Waterflow waste energy as electricity energy

MUHAMMAD ZULFIN , MUHAMMAD SAFRIL

2026

Jurnal nasional

Analisis Reduksi Harmonisa pada Menggunakan Filter Pasif LC Universitas Sumatera UtaraLampu Led 7 Watt

MUHAMMAD SAFRIL

2018

Jurnal internasional bereputasi

Passive filter design for reducing harmonics in light emitting diode bulb

MUHAMMAD SAFRIL

2024

Prosiding seminar internasional

Battery Management System on Competition Electric Car

MUHAMMAD SAFRIL , Syafruddin Hasan

2026

Jurnal nasional

PERANCANGAN SMARTHOME DIRUMAH TIPE 36 DENGAN IOT PENGONTROLAN PLC BERTENAGA PANEL SURYA

MUHAMMAD SAFRIL

2021

Prosiding seminar internasional

WATERFLOW WASTE ENERGY AS ELECTRICTY ENERGY

MUHAMMAD SAFRIL , MUHAMMAD ZULFIN

Researches

2025

Penyusunan Basic Design Program Quick Win PHTC Batch 4 pada RSUD Kabupaten Nias Selatan Provinsi Sumatera Utar

NURLISA , MUHAMMAD SAFRIL

Community Services

2025

Pendampingan dan Konsultasi Penyusunan Formulasi serta Standardisasi Upah Fabrikasi Konstruksi Pabrik Kelapa Sawit

ZULHAM EFFENDI, ST,M.SC.ENG , MUHAMMAD SAFRIL
