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Fitri Rowiyah Rambe, S.T., M.T. is a lecturer in the Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara. She completed her Bachelor's degree (S.T.) in Chemical Engineering at Universitas Sriwijaya, graduating in 2016. She then pursued her Master's degree (M.T.) in Chemical Engineering at Universitas Sumatera Utara, earning her degree in 2023.

With a strong academic background, Fitri Rowiyah Rambe joined Universitas Sumatera Utara as a lecturer in 2024. She is dedicated to contributing to education, research, and the advancement of Chemical Engineering knowledge.

Publications

2025

Prosiding seminar internasional

Pretreatment of waste cooking oil through esterification using bronsted acid catalyst to meet biodiesel feedstock requirements

FITRI ROWIYAH RAMBE , DR.TASLIM, IR, MSC , RENITA MANURUNG , DR IRIANY, IR, MSC , OKTA BANI

Researches

2025

Pemanfaatan Limbah Bottom Ash Pabrik Kelapa Sawit untuk Sintesis Katalis dalam Produksi Triasetin Berkelanjutan: Inovasi dalam Pengolahan Limbah dan Pengurangan Dampak Lingkungan

FITRI ROWIYAH RAMBE , OKTA BANI

2025

Pembuatan Karbon Aktif dari Kulit Durian (Durio Zibethinus) Menggunakan Aktivator KOH dan Gelombang Mikro Sebagai Adsorben pada Pemurnian Minyak Jelantah

FITRI ROWIYAH RAMBE , RONDANG TAMBUN , MERSI SURIANI SINAGA , Azizul Helmi Sofian

Community Services

2025

Penerapan teknologi eco-printing pada produk kerajinan tangan untuk meningkatkan pendapatan masyarakat pengrajin Desa Kelambir, Kecamatan Pantai Labu, Kabupaten Deli Serdang, Sumatera Utara, Indonesia

DR IRIANY, IR, MSC , FITRI ROWIYAH RAMBE , KELVIN HADINATAN , OKTA BANI , FELIX DE VITO , KELVIN KRISTIAN , SILVIA SIMBOLON

