Prof. Ir. Lilis Sukeksi, M.Sc., Ph.D

Lecturer of Master's Program in Chemical Engineering Study Program
Faculty of Engineering
Universitas Sumatera Utara

lilis@usu.ac.id

ft.usu.ac.id/en/lecturer/lilis-sukeksi

Prof. Ir. Lilis Sukeksi, M.Sc., Ph.D. was born in Medan on September 16, 1960, and is a lecturer in Chemical Engineering at Universitas Sumatera Utara. She completed a Doctoral Program in Chemical Engineering at UMM.

Publications

2025
Jurnal internasional bereputasi

Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) microfilled anhydride-modified crude lignin blend biodegradable materials

LILIS SUKEKSI

2024
Jurnal nasional terakreditasi

Pembuatan Sabun Transparan Berbasis Minyak Kelapa dengan Penambahan Ekstrak Buah Pedada (Sonneratia caseolaris) sebagai Bahan Antioksidan

LILIS SUKEKSI , ARI DESTRIADI , KEVIN NICHOLAS

2023
Prosiding seminar internasional

Optimization for Support Chain Planning of Crude Oil Industry

OPIM SALIM SITOMPUL , LILIS SUKEKSI , SUTARMAN , SAIB SUWILO , HERMAN MAWENGKANG

2021
Prosiding seminar internasional

Polyisoprenoids composition in mulberry (Morus alba L.)

MOHAMMAD BASYUNI , MASITTA TANJUNG , LILIS SUKEKSI

2021
Jurnal internasional bereputasi

Characterization of the Chemical and Physical Properties of Bar Soap Made with Different Concentrations of Bentonite as a Filler

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2019
Poster seminar internasional

Effect of epoxidised natural rubbers on curing characteristics of kaolin-filled natural rubber composites

LILIS SUKEKSI

2019
Jurnal internasional bereputasi

Use of silica gel from volcanic ash as chitosan composite membraneÃ¢Â€Â™s filler

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2018
Jurnal nasional terakreditasi

Pembuatan sabun transparan berbasis minyak kelapa dengan penambahan ekstrak buah mengkudu (Morinda citrifolia) sebagai bahan antioksidan

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2018
Jurnal nasional terakreditasi

Ekstraksi Kalium Dari Abu Kulit Buah Kelapa (Cocos Nucifera L.) Menggunakan Pelarut Aquadest

LILIS SUKEKSI

2018
Jurnal nasional terakreditasi

Ekstraksi kalium dari kulit buah kapuk (Ceiba petandra)

LILIS SUKEKSI

2018
Poster seminar internasional

Studies on cure index, swelling behaviour, tensile and thermooxidative properties of natural rubber compounds in the presence of alkanolamide

LILIS SUKEKSI

2017
Jurnal nasional terakreditasi

Maserasi Alkali dari Batang Pisang (Musa paradisiaca) Menggunakan Pelarut Aquadest

LILIS SUKEKSI

2017
Jurnal nasional terakreditasi

Pembuatan sabun dengan menggunakan kulit buah kapuk (ceiba petandra) sebagai sumber alkali

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2016
Jurnal internasional bereputasi

Characterizations and extraction of polyphenols from residual pulp of pink guava as source of antioxidants

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2016
Jurnal internasional bereputasi

Polyphenols recovery from tropical fruits (pink guava) wastes via ultra-filtration membrane technology application by optimum solvent selection

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2026
Prosiding seminar internasional

Separation of Oxalic Acid from Star Fruit Juice by Membrane Technology

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2026
Poster seminar internasional

Extraction of Polyphenols from Pink Guava Waste Processing using Different Solvents

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2026
Poster seminar internasional

Selection of Solvent for Recovery of Polyphenols from Pink Guava Processing Wastes by Membrane Technology

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2026
Poster seminar internasional

The Potency of Water as a Solvent Recovery of Polyphenols from Residual Pulp Pink Guava by Membrane Ultrafiltration

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2026
Poster seminar internasional

Recovery of Polyphenols from Pink Guava Fruit Proscessing wastes by membrane Technology

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2026
Poster seminar internasional

Recovery of polyphenols from Pink Guava processing wastes by ultra filtration

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2026
Poster seminar internasional

Pre Treatment Optimization of Recovery of Polyphenols from Pink Guava Fruit Processing Wastes by Membrane Technology

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2026
Poster seminar internasional

Aplication of Response Surface Methodology (RSM) for Optimization of Recovery of Polyphenols from Pink Guava Processing by Membran Technology

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2026
Prosiding seminar internasional

Statistical Analysis of Sample at Three Stages of Maturity on Some Characteristics of Carambola Fruit (Averrhoa Carambola L) before Enzymatic and Micro Filtration Processing

LILIS SUKEKSI

2026
Jurnal nasional terakreditasi

Pengaruh Tekanan Molding Pada Sifat-Sifat Plain Weave Komposit Thermoplastic

LILIS SUKEKSI

Researches

2024

Solusi Energi Berkelanjutan: Inovasi Mikroalga sebagai Fitoremediator dalam Pengolahan Effluent Kolom Pemurnian Biogas dan Konversinya menjadi Biofuel

BAMBANG TRISAKTI , LILIS SUKEKSI , FARIDA HANUM , ERMAN MUNIR , IRVAN , MAYA SARAH

Community Services

2024
Ipteks Bagi Masyarakat

TEKNOLOGI HILIRISASI KERANG DARA MENJADI RENDANG KERANG KEMASAN SIAP SAJI DI DESA LABUHAN DELI KECAMATAN MEDAN MARELAN SUMATERA UTARA

LILIS SUKEKSI , MASITTA TANJUNG , MAYA SARAH