Prof. Dr. Ir. Hamidah Harahap, M.Sc.

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

hamidah@usu.ac.id

ft.usu.ac.id/en/lecturer/hamidah-harahap

Hamidah Harahap was born in Medan on October 29, 1967, and is a lecturer in Polymer Technology at the Universitas Sumatera Utara. She completed a Doctoral Program in Polymer Technology at the School of Materials and Mineral Resources of Universiti Sains Malaysia in 2011.

Publications

2026
Prosiding seminar internasional

The Properties of Biopot From Tea Waste and Blood Cockle Shell Powder With Durian Seed Starch as Adhesive

HAMIDAH HARAHAP , ZUHRINA MASYITHAH , NUR BAITY SITORUS

2025
Prosiding seminar internasional

Utilization Spent Bleaching Earth as a Cement Substituted on Polymer Concrete Characteristics

HAMIDAH HARAHAP , ZUHRINA MASYITHAH , NURUL SARI BALKIS

2025
Jurnal nasional terakreditasi

Pengaruh Aktivitas Keramba Jaring Apung Terhadap Daya Tampung Beban Pencemar Total Fosfo

TERNALA ALEXANDER BARUS , HAMIDAH HARAHAP , Vega Valentine Bangun

2025
Jurnal nasional terakreditasi

Adsorpsi Ion Amonium dari Larutan Encer Menggunakan Zeolit Alam Sarulla Termodifikasi KCI

DENY SUPRIHARTI , AMIR HUSIN , HAMIDAH HARAHAP

2025
Jurnal nasional terakreditasi

Adsorpsi Ion Amonium dari Larutan Encer Menggunakan Zeolit Alam Sarulla Termodifikasi KCl

HAMIDAH HARAHAP , DENY SUPRIHARTI , AMIR HUSIN , WAN RIZKI ANSARI

2025
Prosiding seminar internasional

Effect of Temperature on the Quality of Bridge-Bearing Elastomers: A Review

HAMIDAH HARAHAP , ERLIKASNA THERESIA BR SEMBIRING , MUHAMMAD YUSUF

2025
Jurnal internasional bereputasi

Comparison of column adsorption processes by downflow and upflow for removal of cupric (Cu2+) ion solutions using non activated and activated charcoal from rambutan (Nephelium lappaceum L.) stems

BODE HARYANTO , HAMIDAH HARAHAP

2024
Jurnal internasional

Halal Literacy on Islamic Branding and Advertising in The Interest of Halal Product Consumption in High School Student Society

T SABRINA , HAMIDAH HARAHAP , SATIA NEGARA LUBIS , ERI YUSNI , Irwandi Jaswir

2024
Prosiding seminar internasional

Surface characteristic carbon Rambutan using SEM/EDX and FTIR as natural adsorbent and activation HNO3

HAMIDAH HARAHAP , BODE HARYANTO

2024
Prosiding seminar internasional

Surface characteristic carbon Rambutan using SEM/EDX and FTIR as natural adsorbent and activation HNO3

BODE HARYANTO , HAMIDAH HARAHAP , SOFYAN EFENDI SARAGIH , TUBAGUS RAYYAN FITRA SINUHAJI , KRISSANDARTA TARIGAN

2024
Jurnal internasional bereputasi

The use of supporting materials in the process of making food containers from a mixture of PLA-starch and testing the quality of the coating: A review

HAMIDAH HARAHAP , HALIMATUDDAHLIANA , FBA FITRIANI

2023
Jurnal internasional

Analysis of Leading Agricultural Commodities and Their Role in Regional Development in North Tapanuli Regency, Indonesia

HAMIDAH HARAHAP , SATIA NEGARA LUBIS

2023
Hasil penelitian/pemikiran yang tidak dipublikasikan

Halal Literacy on Islamic Branding and Advertising in The Interest of Halal Product Consumption in High School Student Society

T SABRINA , SATIA NEGARA LUBIS , HAMIDAH HARAHAP , ERI YUSNI , Irwandi Jaswir

2021
Prosiding seminar internasional

Isolation of cellulose from agricultural waste using different treatments : A review

HAMIDAH HARAHAP

2021
Prosiding seminar internasional

The effect solvent type on natural fiber immersion process on tensile strength of cellulose-based bioplastic

HAMIDAH HARAHAP

2021
Prosiding seminar internasional

Fixed-bed column adsorption performance for ammonia removal using adsorbent from zeolite

HAMIDAH HARAHAP , AMIR HUSIN

Researches

2020
Penelitian Tim Pasca Sarjana

PEMANFAATAN ZEOLIT ALAM SEBAGAI ADSORBEN DALAM PENGHILANGAN ION AMONIA PADA TAMBAK UDANG

AMIR HUSIN , HAMIDAH HARAHAP , WAN RIZKI ANSARI

Community Services

2022
Ipteks Bagi Masyarakat

Diversifikasi produk sebagai strategi pengembangan usaha pengolahan green bean dan roast bean pada umkm Rooster koffie

T ALIEF ATHTHORICK , HOTNIDA SINAGA , HAMIDAH HARAHAP

2018
Ipteks

Manfaat Mengkonsumsi Makanan Halal dan Thayyib/baik bagi Siswa SD Perguruan Islam Terpadu Nurul Azizi

ZUHRINA MASYITHAH , HAMIDAH HARAHAP

Intellectual Property Rights

2024
Paten nasional

Edible Coating Buah Durian (Durio zibethinus) Dari Pati Melinjo (Gnentum gnemon) Dengan Zat Antimikroba Ekstrak Kulit Jeruk Berastagi (Ctrus reticulate)

HAMIDAH HARAHAP , WAN DWI RANI AZIZAH , ZAHRA ADELIA SIREGAR , CALVIN OCTAVIANUS HUTABARAT , TASNIDAR ULFA TANJUNG , ZAKIA IZZATI RAFI