

Maraghi Muttaqin, S.T., M.T.

Lecturer of Undergraduate Program in Mechanical Engineering Study Program
Faculty of Engineering
Universitas Sumatera Utara

✉ maraghimuttaqin@usu.ac.id

🏢 Fakultas Teknik, USU

🌐 ft.usu.ac.id/en/lecturer/maraghi-muttaqin

Maraghi Muttaqin, S.T., M.T. was born in Medan on July 18, 1990. Currently, he is a Mechanical Engineering lecturer at the Universitas Sumatera Utara. He completed his master's degree in Mechanical Engineering in 2017.

Publications

2025

Jurnal internasional

Fracture Initiation and Development of Road Marker Subjected to Impact Loading

BUSTAMI SYAM , MARAGHI MUTTAQIN

2023

Artikel ilmiah

MESIN PENGILING KEDELAI 20 Kg/Jam UNTUK MENINGKATKAN HASIL RPRODUKSI TAHU

AGUS NOVIAR PUTRA , MARAGHI MUTTAQIN

2018

Jurnal internasional

Structural integrity of power generating speed bumps made of concrete foam composite

MARAGHI MUTTAQIN

2020

Jurnal internasional

Computer simulation of horse shoes made of polymeric composite subjected to external loading

MARAGHI MUTTAQIN

2023

Jurnal internasional

Analysis and Computer Simulation of Biopore Tubes Made of Concrete Foam Reinforced by Durian Skin Fiber

MARAGHI MUTTAQIN , BUSTAMI SYAM

2018

Jurnal internasional

Static simulation to horse shoes alternative materials based basic polymeric foam reinforced fiberglass with ANSYS software

MARAGHI MUTTAQIN

2023

Jurnal nasional

Analisis Kekuatan Rancang Bangun Robot Angkut Sistem IOT (Internet Of Things)

SARAS PRATAMA , EDI SURANTA SEMBIRING , AGUS NOVIAR PUTRA , MARAGHI MUTTAQIN

2018
Jurnal internasional

Analisa struktur speed bump paduan bahan concrete foam dan polymeric foam dengan variasi rongga menggunakan software Ansys 14.5

MARAGHI MUTTAQIN

2020
Jurnal nasional terakreditasi

Pengujian Struktur Sepatu Kuda Bahan Komposit Polymeric Foam Berpenguat Fiberglass Menggunakan Uji Impak Jatuh Bebas

MARAGHI MUTTAQIN

2018
Jurnal internasional

The application of empty fruit bunch (EFB) fibers of oil palm for the development of light structure materials and products

MARAGHI MUTTAQIN

2023
Jurnal nasional terakreditasi

ANALISA NILAI TEGANGAN PATAH RANTAI JENIS ROLLER AKIBAT ADANYA DEFORMASI

MARAGHI MUTTAQIN , DARNI PARANITA , HERRY DARMADI

2022
Jurnal internasional bereputasi

Automatic Parking Portal Mechanical System Design with DC Motor Development

BUSTAMI SYAM , MARAGHI MUTTAQIN

2023
Jurnal internasional bereputasi

Production of bio pore tubes equipped with grass block to increase the surface water absorption

M. SABRI , BUSTAMI SYAM , MARAGHI MUTTAQIN

2024
Jurnal nasional terakreditasi

Pengaruh Variasi Sudut Kemiringan terhadap Beban Maksimum Screw Conveyor pada Unit Sterilizer Vertikal di PT X

HERRY DARMADI , MARAGHI MUTTAQIN , SORTA LUMBANTORUAN

Researches

Kekuatan Impak Beton Ringan Diperkuat Serat Kulit Durian dan Aplikasinya untuk Pengembangan Produk Marka Jalan

BUSTAMI SYAM , MARAGHI MUTTAQIN

Community Services

2025
Ipteks Bagi Masyarakat

Penerapan Teknologi Pembuatan Pakan Entok Untuk Kelompok Ternak Entok Jumbo / Kuliner Usaha Bersama Di Desa Mulyorejo Kecamatan Sunggal Kabupaten Deli Serdang

M. SABRI , DIAN MORFI NASUTION , MARAGHI MUTTAQIN , SUPRIANTO

2025
Ipteks Bagi Masyarakat

Penerapan Teknologi Pembuatan Pakan Entok Untuk Kelompok Ternak Entook Jumbo / Kuliner Usaha Bersama Di Desa Mulyorejo Kecamatan Sunggal Kabupaten Deli Serdang

M. SABRI , DIAN MORFI NASUTION , MARAGHI MUTTAQIN , SUPRIANTO
