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Dr. Ir. Nursyamsi S.T., M.T., born in Medan on June 23, 1977, is a lecturer in the discipline of Concrete Materials at the Universitas Sumatera Utara. In 2021, he received his doctorate from the Faculty of Engineering, Civil Engineering Study Program at the Universitas Sumatera Utara. He was honored with the Satyalancana Karya Satya X Year award.

Publications

2025

Jurnal nasional terakreditasi

Comparative Analysis of Wind Load Standards on Space Truss Structures

NURSYAMSI , ING JOHANNES TARIGAN , MAHESHA GANI TARIGAN

2025

Jurnal nasional terakreditasi

Optimization of Barrel Vault Space Frame Model for Earthquake Resistant Structure

NURSYAMSI , ING JOHANNES TARIGAN , OLOAN YOHANES SIREGAR

2025

Jurnal nasional terakreditasi

Utilization of Metal-Layered Plastic Packaging Waste and Eggshell Powder as Partial Substitution Materials in Paving Blocks

NURSYAMSI , ING JOHANNES TARIGAN , RAISHA TASSA

2024

Jurnal internasional

Study on the Effect of Variation in Number of Panels on Natural Frequency

ING JOHANNES TARIGAN , NURSYAMSI

2024

Jurnal internasional

Analysis of Roof Displacement in Steel Structures with and without Panel Zone

ING JOHANNES TARIGAN , NURSYAMSI

2024

Jurnal internasional

Seismic Performance Analysis of Regular and Irregular Buildings Based on SNI 1726: 2019 Standards

ING JOHANNES TARIGAN , NURSYAMSI

2024

Jurnal internasional

Analysis of SCWB Ratio on Collapse Probability of SRPMK Concrete Structures

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2024

Jurnal internasional

Effect of Addition of Dramix 3D Steel Fiber on Compressive Strength and Tensile Strength in Hpc (High-Performance Concrete) Concrete.

2024

Jurnal nasional terakreditasi

Effect of Compressive Strength and Tensile Strength Value on Fiber Concrete Using Bendrat Wire Fibers

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2024

Jurnal internasional bereputasi

Evaluating the behaviour of axially loaded hollow concrete block masonry walls with small-size openings: Various opening positions and their influence on experimental results

NURSYAMSI

2023

Jurnal internasional bereputasi

A Laboratory-Scale Study of Selected Chinese Typical Flammable Wildland Timbers Ignition Formation Mechanism

NURSYAMSI

2021

Jurnal internasional bereputasi

Structural analysis of traditional Batak Karo house against earthquake

NURSYAMSI

2021

Jurnal internasional bereputasi

The effect of shredded plastic waste PET and HDPE substitution on concrete characteristics

NURSYAMSI

2021

Jurnal internasional bereputasi

Application of rice husk ash in high strength concrete

NURSYAMSI

2021

Jurnal internasional bereputasi

The utilization of plastic waste in a mixed pair of concrete brick walls

NURSYAMSI

2021

Jurnal internasional bereputasi

Precast box culvert analysis with direct load

NURSYAMSI

2020

Jurnal internasional

Precast box culvert analysis with direct load

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2020

Jurnal internasional

Ultra-High-Performance Fiber-Reinforced Concrete an Alternative Material for Rehabilitation and Strengthening of Concrete Structures: A Review

NURSYAMSI

2020

Jurnal internasional bereputasi

Effect the silica sand percentage as substitution of fine aggregate on the concrete compressive strength

NURSYAMSI

2020

Jurnal internasional bereputasi

Study of bolon house structure as a traditional Batak Toba house on

earthquake force

NURSYAMSI , ING JOHANNES TARIGAN

2019

Jurnal internasional bereputasi

Analysis and experimental usage of CFRP wrap type on flexural strength of concrete beam

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2019

Jurnal internasional bereputasi

The influence of the usage of Idpe plastic waste as fine aggregate in light concrete bricks

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2018

Jurnal internasional bereputasi

Comparison of compressive strength of paving block with a mixture of Sinabung ash and paving block with a mixture of lime

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2018

Jurnal internasional bereputasi

The usage of carbon fiber reinforcement polymer and glass fiber reinforcement polymer for retrofit technology building

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2018

Jurnal internasional

The analysis of lightweight brick strength pressure with mixture of glass powder and silica fume

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2018

Jurnal internasional bereputasi

The use of glass powder in making batako

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2018

Jurnal internasional bereputasi

Effect of HDPE plastic waste towards batako properties

NURSYAMSI

2017

Jurnal internasional bereputasi

The influence of pet plastic waste gradations as coarse aggregate towards compressive strength of light concrete

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2016

Jurnal nasional

Pemanfaatan Serbuk Kaca Sebagai Bahan Tambah Dalam Pembuatan Batako

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2016

Jurnal nasional

Pengaruh Penggunaan Limbah Plastik LDPE Sebagai Agregat Halus Pada Batako Beton Ringan

NURSYAMSI

2026

Jurnal internasional bereputasi

The Utilization of can Waste as Fibre and the Addition of Fly Ash to Mechanical Characteristic of Concrete

NURSYAMSI

Researches

2021

Penelitian Dana Lokal Perguruan Tinggi

Kajian Struktur Gaya Gempa Istana Maimun

ING JOHANNES TARIGAN , NURSYAMSI

2021

Penelitian Unggulan Perguruan Tinggi

KAJIAN BOX CULVERT BETON PRECAST TERHADAP ANALISIS DAN BEBAN LANGSUNG

ING JOHANNES TARIGAN , NURSYAMSI

2020

Penelitian Unggulan Perguruan Tinggi

KAJIAN BOX CULVERT BETON PRECAST TERHADAP ANALISIS DAN BEBAN LANGSUNG

ING JOHANNES TARIGAN , NURSYAMSI

Community Services

2024

Ipteks Bagi Masyarakat

Pengurus Wilayah PII Provinsi Sumatera Utara

AHMAD PERWIRA MULIA TARIGAN , NURSYAMSI

2024

Ipteks Bagi Masyarakat

optimasi pemanfaatan pondasi sumuran pada hotel deli river kecamatan namo rambe kabupaten deli serdang

ING JOHANNES TARIGAN , NURSYAMSI , BETTARIA SONATA SIDABUTAR , GRACE HERDIYANTI , SECILIA BERNADETTA LUMBAN RAJA