Ir. Muhammad Aswin, S.T., M.T., Ph.D.

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

muhammad.aswin@usu.ac.id

USU Faculty of Engineering

ft.usu.ac.id/en/lecturer/muhammad-aswin

Muhammad Aswin ST, MT, Ph.D was born in Medan on April 18, 1969. Currently, he is a Civil Lecturer at the Universitas Sumatera Utara. He completed his doctoral degree (S3) at the University Teknologi Petronas Malaysia in 2019.

Publications

2026
Jurnal nasional

Kajian Kuat Tekan dan Lentur pada Komposit yang Tersusun dari Mortar ECC dan Kerikil Aspal Porus Berbasis Styrofoam dan Crumb Rubber

MUHAMMAD ASWIN , TAMIMAH NISRINA HASIBUAN

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2025
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Experimental investigation on mechanical performance of high-porous rubberized asphalt pavement grouted with ECC mortar

MUHAMMAD ASWIN , Musa Adamu , MS Liew

2025
Prosiding seminar internasional

Effect of Hydrochloric Acid Immersion on Compressive Strength of Corn Leaf Ash Concrete

MUHAMMAD ASWIN , MERY IQLIMA RAMADHAN

2025
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RAFLY AFIF ALFARIZY PANE , MUHAMMAD ASWIN

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MUHAMMAD ASWIN

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MUHAMMAD ASWIN

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2024
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MUHAMMAD ASWIN

2024
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Structural Behavior Analysis of the Beam-Column Connections of Existing Steel Structure Buildings based on Finite Element Modeling-Idea StatiCa

MUHAMMAD ASWIN

2024
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Evaluation on effective dimensions of base isolators applied at existing RC building due to earthquakes

MUHAMMAD ASWIN

2024
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Evaluasi Ketentuan Keamanan Model Struktur dan Level Kinerja dari Bangunan Beton Bertulang Eksisting Akibat Beban Gempa

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MUHAMMAD ASWIN

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2023
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MUHAMMAD ASWIN

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MUHAMMAD ASWIN

2021
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Design and analysis of RC corbel based on SNI 2847:2019 and analysed using computer aided strut-and-tie model
MUHAMMAD ASWIN

2021
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Study on concrete compressive strength due to the cement substitution partially by corncob ash
MUHAMMAD ASWIN

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Effect of use of corn leaf ash on concrete compressive strength
MUHAMMAD ASWIN

2021
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Design of RC deep beam based on SNI 2847:2019 and analysed using STM and CAST

MUHAMMAD ASWIN

2021
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Experimental study on structural behaviour of corbels with hybrid fibre reinforced concrete (Hyfrc)

MUHAMMAD ASWIN

2020
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MUHAMMAD ASWIN

2020
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2019
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MUHAMMAD ASWIN

2016
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MUHAMMAD ASWIN

2016
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Research Article Structural Behavior of Reinforced Self-Compacted Engineered Cementitious Composite Beams

MUHAMMAD ASWIN

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Longitudinal shear resistance of PVA-ECC composite slabs

MUHAMMAD ASWIN

2015
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Shear Failure of RC Dapped-End Beams

MUHAMMAD ASWIN , Bashar Sami Mohammed , M. S. Liew , Zubair Imam Syed

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MUHAMMAD ASWIN

2015
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Prediction of RC Beams Failure Load using Non-linear Finite Element Analysis

MUHAMMAD ASWIN

2015
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Root cause of reinforced concrete dapped-end beams failure

MUHAMMAD ASWIN

2014
Jurnal internasional bereputasi

Prediction of failure loads of RC-DEBs

MUHAMMAD ASWIN

2011
Jurnal nasional

Design and analysis of actual strength on the RC beam section with doubly reinforcements which has the rectangular cross section (under and over reinforcement condition)

MUHAMMAD ASWIN

2011
Jurnal nasional

The solution of the hyperbolic partial differential equation by finite difference method using the implicit scheme

MUHAMMAD ASWIN

2010
Jurnal nasional

Tsunami, perspektif dan persepsinya

MUHAMMAD ASWIN

2010
Jurnal nasional

Nilai over strength factor pada balok beton bertulang yang menggunakan serat bendrat dan tulangan baja yang sudah mengalami pembengkokan (kajian analitis dan eksperimental)

MUHAMMAD ASWIN

2008
Jurnal nasional terakreditasi

Kuat tarik dan daktilitas besi beton setelah pembengkokan

MUHAMMAD ASWIN

2008
Jurnal nasional terakreditasi

Penggunaan Metode Aswin pada Integrasi Numerik

MUHAMMAD ASWIN

Researches

2025

Uji Eksperimental Sifat Mekanik, Kinerja Akuistik Dan Termal Pasangan Dinding Bata Interlock Dengan Serat Ampas Tebu Sebagai Bahan Campuran Semen

MUHAMMAD ASWIN

2020
Penelitian Dosen Pemula

Durabilitas Beton Abu Daun Jagung Akibat Rendaman Larutan NaCl dan HCl Berdasarkan Tinjauan Kuat Tekan Beton

RAHMI KAROLINA , MUHAMMAD ASWIN

2016

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MUHAMMAD ASWIN

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Community Services

2026

Reviewer pada jurnal internasional bereputasi

MUHAMMAD ASWIN

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Ipteks Bagi Masyarakat

MENTORING KESELAMATAN DAN KESEHATAN KERJA (K3) BAGI PEKERJA PROYEK PEMBANGUNAN KAMPUS C UNIVERSITAS BUNDA THAMRIN

MUHAMMAD ASWIN

2025

Reviewer pada jurnal internasional bereputasi (Buildings - MDPI)

MUHAMMAD ASWIN

2024

Reviewer Jurnal JCEF

MUHAMMAD ASWIN

2024

Reviewer Jurnal Buildings MDPI

MUHAMMAD ASWIN

2023

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MUHAMMAD ASWIN

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Reviewer Jurnal Sustainability MDPI

MUHAMMAD ASWIN

2021

Reviewer Jurnal JCEF

MUHAMMAD ASWIN

2021

Reviewer Jurnal SIKLUS

MUHAMMAD ASWIN

2006

Penyuluhan hukum dan ketenagakerjaan anggota dan pengurus FKPPI Kota Pancur Batu

TORANG SITORUS , ANWAR HARAHAP , HEMAT TARIGAN , MUHAMMAD ASWIN , INDRA JAYA PANDIA