Sarmad Shakeel

Assistant Professor

NUST Institute of Civil Engineering

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About

Dr. Sarmad Shakeel is working as Assistant Professor in the NUST Institute of Civil Engineering. Dr. Sarmad Shakeel has a PhD in Structural Engineering. Dr. Sarmad Shakeel has published 13 research articles & conference papers having a citation count of 418, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Structural Engineering 2017 - 2020
University of Naples Federico II , Italy

MS in Structural Engineering 2014 - 2016
Czech Technical University of Prague , Czech Republic

BS in Civil Engineering 2010 - 2014
NUST, Islamabad , Pakistan

Experience

Assistant Professor 2023- Present
NUST Institute of Civil Engineering

Assistant Professor 2021 - 2021
NUST Institute of Civil Engineering

Assistant Professor 2021 - 2021
NUST Institute of Civil Engineering

Assistant Professor 2020 - 2021
NUTECH , I-12 Islamabad

Awards

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Professional Memberships

PEC Since 2015

Industry Projects

National Projects

SEMI-DESTRUCTIVE TESTING ON FIRE-EXPOSED PORTION OF CENTAURUS BUILDING ISLAMABAD 2023
Client: Capital Development Authority
Amount: PKR 1,520,000.00
Status: Completed

International Projects

Research Articles

Effect of lightweight steel partitions on seismic behaviour of moment resisting frames 2023
A. Poursadrollah Roberto Tartaglia Luigi Fiorino Sarmad Shakeel Raffaele Landolfo
Journal of Constructional Steel Research, Volume 206, Article Number 107925
Impact Factor: 4.349 | **Quartile:** 2 | **Citations:** 4
DOI: https://doi.org/10.1016/j.jcsr.2023.107925

In-plane seismic behavior of lightweight steel drywall façades through quasi-static reversed cyclic tests 2023

Luigi Fiorino Alessia Campiche Raffaele Landolfo Sarmad Shakeel

Thin-Walled Structures , Volume 182, Part A, Article Number 110157

Impact Factor: 5.881 | **Quartile:** 1 | **Citations:** 22

DOI: 10.1016/j.tws.2022.110157

Lightweight steel systems: Proposal and validation of seismic design rules for second generation of Eurocode 8 2022

Sarmad Shakeel Luigi Fiorino Raffaele Landolfo

Thin-Walled Structures , Volume 172, Article Number 108826

Impact Factor: 4.442 | **Quartile:** 1 | **Citations:** 15

DOI: 10.1016/j.tws.2021.108826

Seismic design rules for lightweight steel shear walls with steel sheet sheathing in the 2nd-generation Eurocodes 2021

Luigi Fiorino Alessia Campiche Sarmad Shakeel Raffaele Landolfo

Journal of Constructional Steel Research, Volume 187, Article Number 106951

Impact Factor: 3.646 | **Quartile:** 1 | **Citations:** 13

DOI: 10.1016/j.jcsr.2021.106951

Behavior factor evaluation of CFS wood sheathed shear walls according to FEMA P695 for Eurocodes 2020

Sarmad Shakeel Luigi Fiorino Raffaele Landolfo

Engineering Structures , Volume 221, Article Number 111042

Impact Factor: 4.471 | **Quartile:** 1 | **Citations:** 35

DOI: 10.1016/j.engstruct.2020.111042

Seismic behaviour of a bracing system for LWS suspended ceilings: Preliminary experimental evaluation through cyclic tests 2020

Sarmad Shakeel Luigi Fiorino Raffaele Landolfo

Thin-Walled Structures , Volume 155, Article Number 106956

Impact Factor: 4.442 | **Quartile:** 1 | **Citations:** 28

DOI: 10.1016/j.tws.2020.106956

Numerical Modelling of Lightweight Steel Drywall Partitions for in-plane Seismic Performance Evaluations 2020

Sarmar Shakeel Luigi Fiorino Raffaele Landolfo

Ingenneria Sismica , No.1, Pages 65-82

Impact Factor: 2.035 | **Quartile:** 3

DOI: http://ingegneriasismica.org/numerical-modelling-of-lightweight-steel-drywall-partitions-for-in-plane-seismic-performance-evaluations/

Seismic response assessment of architectural non-structural LWS drywall components through experimental tests 2019

Raffaele Landolfo Tatiana Pali Bianca Bucceiro Maria Teresa Terraciano Sarmad Shakeel Vincenzo Macillo Ornella Iuorio Luigi Fiorino

Journal of Constructional Steel Research, Volume 162, Article Number 105575

Impact Factor: 2.938 | **Quartile:** 1 | **Citations:** 20

DOI: 10.1016/j.jcsr.2019.04.011

Behaviour factor evaluation of CFS shear walls with gypsum board sheathing according to FEMA P695 for Eurocodes 2019

Sarmad Shakeel Raffaele Landolfo Luigi Fiorino

Thin-Walled Structures , Volume 141, Pages 194-207

Impact Factor: 4.033 | **Quartile:** 1 | **Citations:** 60

DOI: 10.1016/j.tws.2019.04.017

Development and calibration of a hysteretic model for CFS strap braced stud walls 2018

Vincenzo Macillo Sarmad Shakeel Luigi Fiorino Raffaele Landolfo

Advance Steel Construction , Volume 14, No. 3, Pages 337-360

Impact Factor: 0.957 | **Citations:** 59

DOI: 10.18057/IJASC.2018.14.3.2

Seismic behaviour of sheathed CFS buildings: Shake table tests and numerical modelling 2018

Alessia Campiche Sarmad Shakeel Vincenzo Macillo Maria Teresa Bianca Bucceiro Tatiana Pali Luigi Fiorino Raffaele Landolfo

Ingegneria Sismica , Volume 35(2), Pages 106-123

Impact Factor: 2.561 | **Quartile:** 2

DOI: http://ingegneriasismica.org/product/2-2018-9-seismic-behaviour-of-sheathed-cfs-buildings-shake-table-tests-and-numerical-modelling/

Seismic response of CFS shear walls sheathed with nailed gypsum panels: Numerical modelling 2018

Luigi Fiorino Sarmad Shakeel Vincenzo Macillo Raffaele Landolfo

Thin-Walled structures , Volume 122, Pages 359-370

Impact Factor: 3.488 | **Quartile:** 1 | **Citations:** 80

DOI: 10.1016/j.tws.2017.10.028

Behaviour factor (q) evaluation the CFS braced structures according to FEMA P695 2017

Luigi Fiorino Sarmad Shakeel Vincenzo Macillo Raffaele Landolfo

Journal of Constructional Steel Research, Volume 138, Pages 324-339

Impact Factor: 2.509 | **Quartile:** 1 | **Citations:** 82

DOI: 10.1016/j.jcsr.2017.07.014

Editorial Activities

Structures 2024

Reviewed Papers for Journals

Impact Factor: 4.1

Structures 2023

Reviewed Papers for Journals

Impact Factor: 4.1

Thin-Walled Structures 2023

Reviewed Papers for Journals

Impact Factor: 5.88

Structures 2023

Reviewed Papers for Journals

Impact Factor: 4.1

Steel and Composite Structures 2022

Reviewed Papers for Journals

Impact Factor: 6..144

Journal of Building Engineering 2022

Reviewed Papers for Journals

Impact Factor: 7.144

Journal of Building Engineering 2022

Reviewed Papers for Journals

Impact Factor: 7.144

Bulletin of Earthquake Engineering 2022

Reviewed Papers for Journals

Impact Factor: 4.556

Structures 2022

Reviewed Papers for Journals

Impact Factor: 4.010

2022

Reviewed Papers for Journals

Impact Factor: 2.64

2022

Reviewed Papers for Journals

Impact Factor: 1.17

2022

Reviewed Papers for Journals

Impact Factor: 2.98

Structures 2022

Reviewed Papers for Journals

Impact Factor: 4.010

2021

Reviewed Papers for Journals
Impact Factor: 4.47

2021

Reviewed Papers for Journals
Impact Factor: 5.318

2021

Reviewed Papers for Journals
Impact Factor: 4.47

2021

Reviewed Papers for Journals
Impact Factor: 1.95

2021

Reviewed Papers for Journals
Impact Factor: 4.47

2021

Reviewed Papers for Journals
Impact Factor: 4.47