

Arslan Mushtaq

Senior Lecturer

NUST Institute of Civil Engineering

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About

Dr. Arslan Mushtaq is working as Senior Lecturer in the NUST Institute of Civil Engineering. Dr. Arslan Mushtaq has published 7 research articles & conference papers having a citation count of 58, carried out 11 projects and filed 0 intellectual property.

Qualifications

MS in Structural Engineering NUST, Islamabad , Pakistan	2011 - 2015
BE in Civil Engineering UET Taxila , Pakistan	2006 - 2010
F.Sc in Pre Engineering FBISE, Islamabad , Pakistan	2004 - 2006
Matric (SSC) in Science FBISE, Islamabad , Pakistan	2002 - 2004

Experience

Senior Lecturer NUST Institute of Civil Engineering	2025- Present
Lecturer NUST Institute of Civil Engineering	2016 - 2016
Senior Engineer (Civil) QRY Construction Company Ltd, Jeddah , Jeddah, Mishriffah, Sharae - malik Fahad	2015 - 2016
Asst Manager Plans National Logistics Cells , Project Directorate, North, Sawan Camp	2014 - 2015
Acting Garrison Engineer HQ DW & CE, SPD , Chaklala Garrison, Rawalpindi	2013 - 2014
Junior Engineer HQ DW & CE, SPD , Chaklala Garisson, Rawalpindi	2010 - 2013

Awards

President Gold Medal Overall First Position in Structural Engineering	2016
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Professional Memberships

PEC	Since 2010
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Industry Projects

National Projects

Exploring Collaboration Opportunity for Product Testing, and Product Development between IIL Construction Solution and NUST.and NUST Client: IIL Construction Solution, Landhi Industrial Area, Karachi Amount: PKR 1,875,000.00 Status: Approved_inprocess	2023
Provision of Consultancy services for the Ultrasonic Pulse Velocity Testing of a Transom at Bara Kahu Bypass Client: M/S Innovative Nanoengineering Consulting Engineers Amount: PKR 90,000.00 Status: Completed	2023
Provision of Consultancy Services for Feasibility Study and Rehabilitation Design of Bhakkar-DI Khan Bridge Client: Khyber Pakhtunkhwa Highway division Amount: PKR 2,535,000.00 Status: Completed	2023
Provision of Consultancy Services for Rehabilitation Design of 50,000 gallons OHWT at AFOHS (Falcon Complex) - Rawalpindi Client: Consultancy Firm Amount: PKR 1,076,955.00 Status: Completed	2020
Provision of Consultancy Services for Specialized Testing of EPS Panels Client: Consultancy Firm Amount: PKR 462,000.00 Status: Completed	2020
Consultancy Services for Testing for BAUPANELS Client: M/S SHS Projects Pakistan Amount: PKR 660,000.00 Status: Completed	2020
Assessment of Concrete Quality of Base Slab Foundation at German Embassy Islamabad Client: Qavi Engineers Amount: PKR 96,000.00 Status: Completed	2021
Expanded Polystyrene Smart (EPS) Panel Testing Client: EPS Solutions Amount: PKR 462,000.00 Status: Completed	2021
Hydraulic Analysis of Bridge # 3 (9+765) on Swat Motorway Project Client: N/A Amount: PKR 535,500.00 Status: Completed	2019
Identification of Water Recharge Source & Aquifer Capacity Enhancement – Sector E-9 Islamabad Client: N/A Amount: PKR 630,000.00 Status: Completed	2019
Expert Opinion on the Seismic Hazard Level and its Design Implications at Pakistan Gulpur Hydropower Project, District Kotli, AJK Client: Daelim Lotte Amount: PKR 1,275,000.00 Status: Approved_inprocess	2020

International Projects

Experimental and Numerical Investigation on Galvanized Steel Welded Wire Mesh Confinement for Seismic Resilience and Prevention of Soft-Storey Failures
Atif Mehmood Khan Hilal Khan Arslan Mushtaq Zamil Bin Zahid Muhammad farhan Saleem
Journal of Failure Analysis and Prevention , Pages 1-12
Impact Factor: 1.200 | **Quartile:** 3
DOI: <https://doi.org/10.1007/s11668-025-02236-1>

2025

Thermal Performance Assessment of Concrete Walls Using Different Phase Change Materials
Muhammad Usman Mahmood Hussain Arslan Mushtaq Syed Hassan Farooq Atif Mehmood Asad Hanif
Advances in Civil Engineering , Volume 2024, Article ID 2994221, 10 pages
Impact Factor: 1.500 | **Quartile:** 3 | **Citations:** 1
DOI: <https://doi.org/10.1155/2024/2994221>

2024

Probabilistic Analysis of Strength of Structural Concrete for Post-Code Buildings in Developing Countries
Arslan Mushtaq Muhammad Mubashir Mahmood Irshad Qureshi Wajeeh Ahmad Muhammad Waleed Mushtaq Muhammad Asif Muhammad Usman
Sustainable Structures and Materials, An International Journal , Volume 6, No. 3, Pages 1-9
Impact Factor: N/A
DOI: <https://doi.org/10.26392/SSM.2023.06.03.01>

2023

Structural health assessment of fire damaged building using non-destructive testing and micro-graphical forensic analysis: A case stud
Ahmed Aseem Waqas Latif Baloch Rao Arsalan Khushnood Arslan Mushtaq
Case Studies in Construction Materials , Volume 11, Article No. e00258
Impact Factor: N/A | **Citations:** 46
DOI: <https://doi.org/10.1016/j.cscm.2019.e00258>

2019

Effect of 3D models on seismic vulnerability assessment of deficient RC frame structures
Arslan Mushtaq Shaukat Ali Khan Junaid Ahmad M. Usman Ali
Australian Journal of Structural Engineering , NULL
Impact Factor: 0 | **Citations:** 6
DOI: 10.1080/13287982.2018.1480910

2018

Seismic vulnerability assessment of CFRP strengthened RC structures
Hammad Salahudin Shuakat Ali Khan Muhammad Usman Ali Arslan Mushtaq
Gradevinar , Volume 69, Issue 2, Pages 121-130
Impact Factor: 0.515 | **Quartile:** 4 | **Citations:** 1
DOI: 10.14256/JCE.1555.2016

2017

Seismic Vulnerability Assessment of Deficient RC Structures with Bar Pullout and Joint Shear Degradation
Arslan Mushtaq Shaukat Ali Khan Hamza Farooq Gabriel Sajjad Haider
Advances in Civil Engineering , Article Number: 537405
Impact Factor: N/A | **Citations:** 4
DOI: <http://dx.doi.org/10.1155/2015/537405>

2015