Musaad Zaheer Nazir Khan

Assistant Professor

NUST Institute of Civil Engineering

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About

Dr. Musaad Zaheer Nazir Khan is working as Assistant Professor in the NUST Institute of Civil Engineering. Dr. Musaad Zaheer Nazir Khan has a PhD in Civil/Structural Engineering. Dr. Musaad Zaheer Nazir Khan has published 7 research articles & conference papers having a citation count of 374, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Civil/Structural Engineering 2014 - 2019
Curtin University of Technology , Pakistan

MSc in Structural Engineering 2008 - 2010
Cardiff University , Pakistan

BE in Civil Engineering 2004 - 2008
NUST, Islamabad , Pakistan

Experience

Assistant Professor 2022- Present
NUST Institute of Civil Engineering

Assistant Professor 2019 - 2022
NUST Institute of Civil Engineering

Assistant Professor 2013 - 2019
(Do Not Use-Duplicate)NUST Institute of Civil Engineering

Lecturer 2012 - 2013
(Do Not Use-Duplicate)NUST Institute of Civil Engineering

Lecturer 2012 - 2012
(Do Not Use-Duplicate)NUST Institute of Civil Engineering

Lecturer 2010 - 2012
(Do Not Use-Duplicate)NUST Institute of Civil Engineering

- Present

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Awards

Merit Certificate
Awarded with merit certificate for securing second position in bachelors

Letter of Commendation
I have been awarded a Letter of Commendation by the Chancellor of Curtin University for submitting an outstanding PhD research thesis.

Merit Certificate
Awarded with merit certificate for securing second position in Master of Science in Structural Engg

Professional Memberships

PEC Since 2008

Research Articles

Optimisation of an alkali activator solution to enhance the performance of roller-compacted concrete for pavements (RCCP) 2024

Muhammad Jamman Shahid Hammad Anis Khan Musaad Zaheer Nazir Khan Junaid Ahmad Muhammad Abdullah

International Journal of Pavement Engineering, Volume 25, Issue 1, Article Number 2318609

Impact Factor: 3.8 | **Quartile:** 2 | **Citations:** 2

DOI: https://doi.org/10.1080/10298436.2024.2318609

Bond performance of basalt FRP bar against aggressive environment in high-strength concrete with varying bar diameter and bond length 2022

Saqib Hussain Musaad Zaheer Nazir Khan Hammad Anis Khan

Construction and Building Materials, Volume 349, Article Number 128779

Impact Factor: 7.693 | **Quartile:** 1 | **Citations:** 36

DOI: https://doi.org/10.1016/j.conbuildmat.2022.128779

Physical and Mechanical Properties of New Lightweight Ambient-Cured EPS Geopolymer Composites 2021

Zhixing Li Wensu Chen Hong Hao Musaad Zaheer Nazir

Journal of Materials in Civil Engineering, Volume 33, Issue 6, Article Number 04021094

Impact Factor: 3.651 | **Quartile:** 2 | **Citations:** 19

DOI: 10.1061/(ASCE)MT.1943-5533.0003705

Dynamic compressive properties of novel lightweight ambient-cured EPS geopolymer composite 2021

Zhixing Li Wensu Chen Hong Hao Musaad Zaheer Nazir Khan Thong Pham

Construction and Building Materials, Volume 273, Article Number 122044

Impact Factor: 6.141 | **Quartile:** 1 | **Citations:** 44

DOI: https://doi.org/10.1016/j.conbuildmat.2020.122044

Mechanical properties and behaviour of high-strength plain and hybrid-fiber reinforced geopolymer composites under dynamic splitting tension 2019

Musaad Zaheer Nazir Khan Yifei Hao Hong Hao Faiz uddin Ahmed Shaikh

Cementnd Concrete Composites, Volume: 104, Article Number 103343

Impact Factor: 6.257 | **Quartile:** 1 | **Citations:** 101

DOI: DOI: 10.1016/j.cemconcomp.2019.103343

Mechanical properties of ambient cured high-strength plain and hybrid fiber reinforced geopolymer composites from triaxial compressive tests 2018

Kewei Liu Musaad Zaheer Nazir Khan Yifei Hao Hong Hao Faiz Uddin Ahmed Shaikh

Construction and Building Materials, Volume: 185, Pages: 338-353

Impact Factor: 4.046 | **Quartile:** 1 | **Citations:** 70

DOI: 10.1016/j.conbuildmat.2018.07.092

Experimental evaluation of quasi-static and dynamic compressive properties of ambient-cured high-strength plain and fiber reinforced geopolymer composites 2018

Musaad Zaheer Nazir Khan Yifei Hao Hong Hao Faiz Uddin Ahmed Shaikh

Construction and Building Materials, Volume 166, Pages 482-499

Impact Factor: 4.046 | **Quartile:** 1 | **Citations:** 102

DOI: 10.1016/j.conbuildmat.2018.01.166

Editorial Activities

2021

Reviewed Papers for Journals
Impact Factor: 6.141

2021

Reviewed Papers for Journals
Impact Factor: 6.141

2021

Reviewed Papers for Journals
Impact Factor: 3.18

2021

Reviewed Papers for Journals
Impact Factor: 6.141

2021

Reviewed Papers for Journals
Impact Factor: 10.998

2021

Reviewed Papers for Journals
Impact Factor: 1.24

2021

Reviewed Papers for Journals
Impact Factor: 6.141

2020

Reviewed Papers for Journals
Impact Factor: 6.141

2020

Reviewed Papers for Journals
Impact Factor: 6.141

2020

Reviewed Papers for Journals
Impact Factor: 6.141

2020

Reviewed Papers for Journals
Impact Factor: 4.046

2020

Reviewed Papers for Journals
Impact Factor: 4.046

2020

Reviewed Papers for Journals
Impact Factor: 4.046