

Momina Rauf

Lecturer

Military College of Engineering

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About

Dr. Momina Rauf is working as Lecturer in the Military College of Engineering. Dr. Momina Rauf has published 5 research articles & conference papers having a citation count of 872, carried out 0 projects and filed 0 intellectual property.

Qualifications

MS in Structural Engineering/Civil Engg NUST, Islamabad , Pakistan	2016 - 2019
BS in Civil Engineering UET Lahore , Pakistan	2012 - 2016

Experience

Lecturer Military College of Engineering	2022- Present
Lecturer Military College of Engineering	2020 - 2022
Student DAAD/ Technical University Freiberg, Germany , Technical University Freiberg, Germany	2019 - 2019
Administrator Pacific Consultants. Co Ltd , NHA Islamabad	2016 - 2019

Awards

BISE Lahore Awarded Bronze Medal for securing 3rd Position in SSC BISE Lahore	2010
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Evolutionary Algorithm-Based Modeling of Split Tensile Strength of Foundry Sand-Based Concrete

2022

Momina Rauf Tao Guan Wang Shanku Shahzeb Adil Muhammad Farjad Iqbal Muhammad Atiq Ur Rahman Tariq Iftikhar Azim Anne W. M. Ng
Sustainability , Volume 14, Issue 6, Article Number 3274

Impact Factor: 3.251 | **Quartile:** 2 | **Citations:** 6

DOI: <https://doi.org/10.3390/su14063274>

Sustainable utilization of foundry waste: Forecasting mechanical properties of foundry sand based concrete using multi-expression programming

2021

Muhammad Farjad Iqbal Muhammad Faisal Javed Momina Rauf Iftikhar Azim Muhammad Ashraf Jian Yang Qing-feng Liu
Science of the Total Environment , Volume 780, Article Number 146524

Impact Factor: 10.753 | **Quartile:** 1 | **Citations:** 140

DOI: <https://doi.org/10.1016/j.scitotenv.2021.146524>

Prediction of chloride diffusivity in concrete using artificial neural network: Modelling and performance evaluation

2021

Momina Rauf Qing-feng Liu Muhammad Farjad Iqbal Jian Yang Xian-yang Lu Peng Zhang
Construction and Building Materials , Volume 268, Article Number 121082

Impact Factor: 7.693 | **Quartile:** 1 | **Citations:** 237

DOI: <https://doi.org/10.1016/j.conbuildmat.2020.121082>

Comparative performance of different bacteria immobilized in natural fibers for self-healing in concrete

2020

Momina Rauf Wasim Khaliq Rao Arsalan Khushnood Iftikhar Ahmed
Construction and Building Materials , Volume 258, Article Number 119578

Impact Factor: 6.141 | **Quartile:** 1 | **Citations:** 142

DOI: <https://doi.org/10.1016/j.conbuildmat.2020.119578>

Prediction of mechanical properties of green concrete incorporating waste foundry sand based on gene expression programming

2020

Muhammad Farjad Iqbal Qing-feng Liu Momina Rauf Iftikhar Azim Xingyi Zhu Jian Yang Faisal Javed
Journal of Hazardous Materials , Volume 384, Article Number 121322

Impact Factor: 10.588 | **Quartile:** 1 | **Citations:** 347

DOI: <https://doi.org/10.1016/j.jhazmat.2019.121322>