

Mughees Aslam

Defence Faculty
NUST Balochistan Campus

Email: dean@nbc.nust.edu.pk
Contact:



About

Dr. Mughees Aslam is working as Defence Faculty in the NUST Balochistan Campus. Dr. Mughees Aslam has a PhD in Construction Engineering and Management. Dr. Mughees Aslam has published 19 research articles & conference papers having a citation count of 212, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Construction Engineering and Management North Dakota State University , United States	2016 - 2021
MS in Construction Engg Management NUST, Islamabad , Pakistan	2011 - 2013
BE in Civil Engineering Military College Of Engineering Risalpur , Pakistan	1994 - 1997

Experience

Defence Faculty NUST Balochistan Campus	2024- Present
Defence Faculty Military College of Engineering	2024 - 2024
Defence Faculty Military College of Engineering	2021 - 2024
Defence Faculty Military College of Engineering	2016 - 2016
Defence Faculty Military College of Engineering	2015 - 2016

Research Articles

Deconstructing construction wastes: Exploring waste generation causes and their impact on project performances <i>Usman Aftab Mughees Aslam Aman Ul Haq Farrokh Jaleel Muhammad Sohail Anwar Malik Hafiz Zahoor Ahmad khan</i> <i>PLoS One</i> , Volume:20, Issue:5, Article Number e0322295 Impact Factor: 2.900 Quartile: 1 DOI: https://doi.org/10.1371/journal.pone.0322295	2025
Smart IoT-enabled vehicle-mounted weighing system for real-time monitoring and quantification of loose construction materials <i>Abeer Ahmad Jadoon Mughees Aslam Muhammad Sohail Anwar Malik Hamza Alam</i> <i>Engineering, Construction and Architectural Management</i> , Pages 1-22 Impact Factor: 3.600 Quartile: 1 DOI: 10.1108/ECAM-10-2024-1407	2025
Cooling load reduction strategies for community worship place towards attaining sustainability: a life cycle cost perspective <i>Fatima Anwar Muhammad Sohail Anwar Malik Mughees Aslam Rai Waqas Azfar Khan</i> <i>International Journal of Life Cycle Assessment</i> , Volume:30, Pages:301-317, Impact Factor: 4.9 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1007/s11367-024-02393-9	2025

Mitigating schedule overruns in Pre-Stressed girder bridge Construction: Assessing risks and proposing mitigation strategies <i>Mughees Aslam Edmund Baffoe-Twum</i> <i>Ain Shams Engineering Journal</i> , Vol:15, Issue: 05, Article Number:102673 Impact Factor: 6.0 Quartile: 1 DOI: 10.1016/j.asej.2024.102673	2024
Unveiling Effectiveness of Lean Construction Practices: A Comprehensive Study through Surveys and Case Studies <i>Mughees Aslam Edmund Baffoe-Twum Muhammad Ahmed Aman Ul Haq</i> <i>Civil Engineering Journal</i> , Volume 10, No. 04, Pages:04 Impact Factor: 4.300 Quartile: 1 DOI: 10.28991/CEJ-2024-010-04-09	2024
Benchmarking lean construction conformance in Pakistan's construction industry <i>Mughees Aslam Edmund Baffoe-Twum Sohail Malik</i> <i>Engineering, Construction and Architectural Management</i> , Volume: 31, Issue: 5, Pages:2077-2100 Impact Factor: 3.6 Quartile: 1 Citations: 3 DOI: 10.1108/ECAM-11-2023-1125	2024
Development of Interpretative Structural Modelling (ISM) Based Lean Construction Implementation Framework <i>Mughees Aslam Zhili Gao Gary Smith Ying Huang Megan Orr</i> <i>Lean Construction Journal</i> , Pages 105-129 Impact Factor: N/A DOI: https://lean-construction-gcs.storage.googleapis.com/wp-content/uploads/2022/12/24145622/LCJ-21-007.pdf	2022
Framework for selection of lean construction tools based on lean objectives and functionalities <i>Mughees Aslam Zhili Gao Gary Smitha</i> <i>International Journal of Construction Management</i> , Volume 22, Issue 8, Pages 1559-1570 Impact Factor: 3.90 (ESCI) Citations: 33 DOI: https://doi.org/10.1080/15623599.2020.1729933	2022
Development of lean approaching sustainability tools (Last) matrix for achieving integrated lean and sustainable construction <i>Mughees Aslam Zhili Gao Gary Smith</i> <i>Construction Economics and Building</i> , Volume 21, Issue 3, Pages 176-197 Impact Factor: N/A Citations: 7 DOI: http://dx.doi.org/10.5130/AJCEB.v21i3.7653	2021
Integrated implementation of Virtual Design and Construction (VDC) and lean project delivery system (LPDS) <i>Mughees Aslam Zhili Gao Gary Smith</i> <i>Journal of Building Engineering</i> , Volume 39, Article Number 102252 Impact Factor: 7.144 Quartile: 1 Citations: 36 DOI: https://doi.org/10.1016/j.jobbe.2021.102252	2021
Exploring factors for implementing lean construction for rapid initial successes in construction <i>Mughees Aslam Zhili Gao Gary Smith</i> <i>Journal of Cleaner Production</i> , Volume 277, Article Number 123295 Impact Factor: 9.297 Quartile: 1 Citations: 67 DOI: https://doi.org/10.1016/j.jclepro.2020.123295	2020
Development of Innovative Integrated Last Planner System (ILPS) <i>Mughees Aslam Zhili Gao Gary Smith</i> <i>International Journal of Civil Engineering</i> , Volume 18, Issue 6, Pages 701-715 Impact Factor: 2.081 Quartile: 3 Citations: 21 DOI: https://doi.org/10.1007/s40999-020-00504-9	2020

- Obstructions in BIM Implementation for Developing Countries—A Mini-Review †** 2023
Usman Aftab Farooq Jalil Rafiq Mansoor Muhammad Haroon Mughees Aslam
Engineering Proceedings , res.country(177,)
Citations: N/A
DOI: 10.3390/engproc2023045026
- An Integration of BIM and GIS for Integrated Project Delivery** 2020
Zhili Gao Kenechukwu Ezekwem Mughees Aslam
Construction Research Congress 2020 , res.country(233,)
Citations: N/A
DOI: <https://ascelibrary.org/doi/abs/10.1061/9780784482889.053>
- Strategies to Increase the Adoption Rate of Lean Construction** 2020
Zhili Gao Mughees Aslam Gary Smith
56th Annual International Conference , res.country(233,)
Citations: N/A
DOI: <https://doi.org/10.29007/8xzp>
- Analyzing Safety Training Needs of Construction Industry in Pakistan** 2013
Zeeshan Haider Rafiq M Choudhary Mughees Aslam
Proceedings of the International Conference on Safety, Construction Engineering, and Project Management Issues, Challenges and Opportunities in Developing Countries , res.country(177,)
Citations: N/A
DOI: Nil
- Measuring Lean Construction Conformance in Construction Industry in Pakistan** 2013
Mughees Aslam Rafiq M. Choudhry
International Conference on Safety, Construction Engineering, and Project Management Issues, Challenges and Opportunities in Developing Countries
res.country(177,)
Citations: N/A
DOI: Nil