

Abdur Rehman Nasir

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NUST Institute of Civil Engineering

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About

Dr. Abdur Rehman Nasir is working as Assistant Professor in the NUST Institute of Civil Engineering. Dr. Abdur Rehman Nasir has a PhD in Construction Engineering And Management. Dr. Abdur Rehman Nasir has published 20 research articles & conference papers having a citation count of 705, carried out 2 projects and filed 0 intellectual property.

Qualifications

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| PhD in Construction Engineering And Management Bauhaus Universität Weimar , Germany | 2013 - 2017 |
| MS in Construction Engineering And Management NUST, Islamabad , Pakistan | 2009 - 2012 |
| BE in Civil Engineering NED UET Karachi , Pakistan | 2005 - 2008 |

Experience

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| Assistant Professor NUST Institute of Civil Engineering | 2024- Present |
| Assistant Professor NUST Institute of Civil Engineering | 2023 - 2023 |
| Assistant Professor NUST Institute of Civil Engineering | 2022 - 2023 |
| Assistant Professor NUST Institute of Civil Engineering. | 2017 - 2017 |
| Assistant Professor NUST Institute of Civil Engineering. | 2017 - 2022 |
| Contracts Engineer Descon Engineering Ltd. , Lahore | 2011 - 2012 |
| Planning and Contracts Engr SMEC International , Islamabad | 2010 - 2011 |
| Trainee Engineer National Highway Authority, Pakistan , Islamabad | 2009 - 2010 |
| Site Engineer Hayat Ali & Co. , Rawalpindi | 2009 - 2009 |

Research Projects

National Projects

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| Application of BIM and VR for Effective Construction Education Practices in Pakistan Funding Agency: HEC Amount: PKR 500,000.00 Status: Completed | 2018 |
| Improvement of Construction Safety Management by Using Building Information Modeling Funding Agency: HEC Amount: PKR 2,233,000.00 Status: Completed | 2017 |

International Projects

Research Articles

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| Digital real estate: a review of the technologies and tools transforming the industry and society <i>Nida Naeem Irfan Ahmad Rana Abdur Rehman Nasir</i> <i>Smart Construction and Sustainable Cities</i> , Volume: 01, Article Number: 15, Pages: 21 Impact Factor: N/A Citations: 16 DOI: 10.1007/s44268-023-00016-0 | 2023 |
| A supply chain perspective of prefabricated housebuilding diffusion in New Zealand <i>Krishanu Roy Vicente A. Gonzalez James B.P. Lim Abdur Rehman Nasir Rehan Masood</i> <i>Engineering, Construction and Architectural Management</i> , Pages 1-24 Impact Factor: 3.850 Quartile: 2 Citations: 8 DOI: doi.org/10.1108/ECAM-10-2022-0941 | 2023 |
| Integrating BIM in Construction Dispute Resolution: Development of a Contractual Framework <i>Rabiah Muhammad Abdur Rehman Nasir</i> <i>Buildings</i> , Volume 12, Issue 11, Article Number 1828 Impact Factor: 3.324 Quartile: 2 Citations: 16 DOI: doi.org/10.3390/buildings12111828 | 2022 |
| BIM Roles and Responsibilities in Developing Countries: A Dedicated Matrix for Design-Bid-Build Projects <i>Um E Hani Habib Abdur Rehman Nasir Siddra Qayyum Fahim Ullah Muhammad Jamaluddin Thaheem</i> <i>Buildings</i> , Volume 12, Issue 10, Article Number 1752 Impact Factor: 3.324 Quartile: 2 Citations: 12 DOI: doi.org/10.3390/buildings12101752 | 2022 |
| Exploring the Role of BIM in Construction Safety in Developing Countries: Toward Automated Hazard Analysis <i>Ramsha Akram Muhammad Jamaluddin Thaheem Shamraiza Khan Abdur Rehman Nasir Ahsen Maqsoom</i> <i>Sustainability</i> , Volume 14, Issue 19, Article Number 12905 Impact Factor: 3.889 Quartile: 2 Citations: 25 DOI: doi.org/10.3390/su141912905 | 2022 |
| Circular Economy in the Construction Industry: A Step towards Sustainable Development <i>Maria Ghufraan Khurram Iqbal Ahmad Khan Fahim Ullah Abdur Rehman Nasir Ahmad Aziz Al Alahmadi Ali Nasser Alzaed Mamdooh Alwetaishi</i> <i>Buildings</i> , Volume 12(7), Article Number 1004 Impact Factor: 3.324 Quartile: 2 Citations: 49 DOI: https://doi.org/10.3390/buildings12071004 | 2022 |
| Adoption of Sustainable Supply Chain Management for Performance Improvement in the Construction Industry: A System Dynamics Approach <i>Maria Ghufraan Khurram Iqbal Ahmad Khan Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Fahim Ullah</i> <i>Architecture</i> , Volume 1(2), Pages 161-182 Impact Factor: N/A Citations: 15 DOI: https://doi.org/10.3390/architecture1020012 | 2021 |
| BIM aided information and visualization repository for managing construction delay claims <i>Abdur Rehman Nasir Babar Ali Hafiz Zahoor Ajibade Aibinu Ali Tariq Umair Imran Rashid Mehmood Khan</i> <i>Journal of Information Technology in Construction</i> , Volume 26, Pages 1023-1040 | 2021 |

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| Impact Factor: N/A Citations: 10 DOI: 10.36680/j.itcon.2021.054 | |
| ConSafe4All: A framework for language friendly safety training modules <i>Mahud Arif Abdur Rehman Nasir Muhammad Jamaluddin Thaheem Khurram Iqbal Ahmad Khan Mahud Arif Muhammad Jamaluddin Thaheem Safety Science</i> , Volume 141, Article Number 105329 Impact Factor: 6.392 Quartile: 1 Citations: 10 DOI: https://doi.org/10.1016/j.ssci.2021.105329 | 2021 |
| BIMp-Chart—A Global Decision Support System for Measuring BIM Implementation Level in Construction Organizations <i>Qurratulain Malik Abdur Rehman Nasir Rabiah Muhammad Khurram Iqbal Ahmad Khan Muhammad Usman Hassan Muhammad Jamaluddin Thaheem Fahim Ullah Sustainability</i> , Volume 13(16), Article Number 927 Impact Factor: 3.889 Quartile: 2 Citations: 22 DOI: https://doi.org/10.3390/su13169270 | 2021 |
| Tacit knowledge sharing in construction: a system dynamics approach <i>Muhammad Bilal Tahir Khurram Iqbal Ahmad Khan Abdur Rehman Nasir Asian Journal of Civil Engineering</i> , Volume 22, Pages 605-625 Impact Factor: - Citations: 10 DOI: 10.1007/s42107-020-00335-y | 2021 |
| Current state and barriers to the circular economy in the building sector: Towards a mitigation framework <i>Muhammad Bilal Khurram Iqbal Ahmad Khan Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Journal of Cleaner Production</i> , Volume 276, Article Number 123250 Impact Factor: 9.297 Quartile: 1 Citations: 195 DOI: https://doi.org/10.1016/j.jclepro.2020.123250 | 2020 |
| Project Schedule Risk Management through Building Information Mdelling <i>Muhammad Sami ur Rehman Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Khurram Iqbal Ahmad Khan International Journal of Construction Management</i> , Pages 1-11 Impact Factor: - Citations: 56 DOI: https://doi.org/10.1080/15623599.2020.1728606 | 2020 |
| BIM-based claims management system: A centralized information repository for extension of time claims <i>Babar Ali Hafiz Zahoor Ahmad khan Abdur Rehman Nasir Ahsen Maqsoom Rai Waqas Azfar Khan Khwaja Mateen Mazher Automation in Construction</i> , Voume 110, Article Number 102937 Impact Factor: 7.700 Quartile: 1 Citations: 72 DOI: 10.1016/j.autcon.2019.102937 | 2020 |
| Exploring the role of building information modeling in construction safety through science mapping <i>Ramsha Akram Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Tauha Hussain Ali Shamraiza Khan Ramsha Akram Tauha Hussain Ali Shamraiza Khan Safety Science</i> , Volume 120, Pages 456-470 Impact Factor: 3.618 Quartile: 1 Citations: 82 DOI: 10.1016/j.ssci.2019.07.036 | 2019 |
| Managing risk in green building projects: toward a dedicated framework <i>Nida Javed Beenish Bakhtawar Abdur Rehman Nasir Khurram Iqbal Ahmad Khan Hamza Farooq Gabriel Muhammad Jamaluddin Thaheem Smart and Sustainable Built Environment</i> , Pages 1-18 Impact Factor: N/A Citations: 23 DOI: 10.1108/SASBE-11-2018-0060 | 2019 |
| Effect of stakeholder's conflicts on project constraints: a tale of the construction industry <i>Muhammad Irfan Muhammad Sohail Anwar Malik Abdur Rehman Nasir Muhammad Jamaluddin Thaheem Hamza Farooq Gabriel International Journal of Conflict Management</i> , Volume 30, Issue No. 4, Pages 538-565 Impact Factor: 1.196 Quartile: 2 Citations: 29 DOI: 10.1108/IJCMA-04-2019-0074 | 2019 |
| Contractual Risks of Building Information Modeling: Toward a Standardized Legal Framework for Design-Bid-Build Projects <i>Muhammad Farhan Arshad Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Muhammad Sohail Anwar Malik Journal of Construction Engineering and Management</i> , Volume 145, Issue 4, Article Number 04019010 | 2019 |

Impact Factor: 2.734 | **Quartile:** 2 | **Citations:** 55
DOI: 10.1061/(ASCE)CO.1943-7862.0001617

Conference Proceedings

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| Circular Economy for Successful Implementation of Sustainable Development in the Construction Industry | 2022 |
| <i>Maria Ghufraan Khurram Iqbal Ahmad Khan Abdur Rehman Nasir Muhammad Usman Hassan Ahsen Maqsoom</i> | |
| 12th International Conference on Engineering, Project, and Production Management (EPPM2022), res.country(88,) | |
| Citations: N/A | |
| DOI: Nil | |

Books

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| A digital Task Instruction Model for low skilled construction workforce | 2017 |
| <i>Abdur Rehman Nasir</i> | |
| Volume 37, Pages 123 | |
| Citations: N/A | |
| DOI: https://asw-verlage.de/katalog/a_digital_task_instruction_model_for_low_skilled_construction_workforce-1955.html | |

Trainings

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| Construction Engineering and Management Diploma at PDC-NUST | 2022 |
| Partner: Construction industry stakeholders | |
| Duration: 01-Feb-2022 to 25-Aug-2022 | |