

Syed Kamran Hussain Shah

Assistant Professor

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About

Dr. Syed Kamran Hussain Shah is working as Assistant Professor in the National Institute of Transportation. Dr. Syed Kamran Hussain Shah has a PhD in Civil Engineering. Dr. Syed Kamran Hussain Shah has published 16 research articles & conference papers having a citation count of 25, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Civil Engineering Saitama University , Japan	2018 - 2021
MS in Civil Engineering Saitama University , Japan	2012 - 2014
BS in Civil Engineering UET Taxila , Pakistan	2004 - 2008
F.Sc in PreEngineering BSE, Karachi , pakistan (Duplicate)	2001 - 2003
Matric (SSC) in Science BSE, Karachi , pakistan (Duplicate)	2000 - 2001

Experience

Assistant Professor National Institute of Transportation	2022- Present
Assistant Professor HITEC University, Taxila , Hitec Universty	2022 - 2022
Junior Engineer Water & Power Development Authority , Tarbela 4th HP	2011 - 2022
Junior Engineer Associated Consulting Engineers , Neelum Jhelum HP	2009 - 2011
QA/QC Engineer Dong Feng Electric Corporation , Jinnah HP	2008 - 2009

- Empirical Analysis to Investigate the Factors Influencing the Installation of Recharging Infrastructure for Commercial Electric Fleet** 2025
Numan Ahmad Zia Ur Rehman Saad Ammar Shah Syed Kamran Hussain Shah
Arabian Journal for Science and Engineering, Pages 1-15
Impact Factor: 2.600 | **Quartile:** 2
DOI: <https://doi.org/10.1007/s13369-025-10019-x>
- Effect of moisture change on water retention behavior of unsaturated silty soil under loading–unloading conditions** 2025
Syed Kamran Hussain Shah Adnan Anwar Malik Shay Haq Waqar Ahmad Umair Ali Rabia Chaudry
Discover Civil Engineering, Volume 2, Article Number 7
Impact Factor: N/A
DOI: 10.1007/s44290-025-00169-0
- Shear Effects on the Mechanical Behaviour of Internally Unstable Gap-Graded Soils** 2025
Shay Haq Syed Kamran Hussain Shah
Geotechnical and Geological Engineering, Volume 43, Article Number 8
Impact Factor: 1.700 | **Quartile:** 3 | **Citations:** 1
DOI: doi.org/10.1007/s10706-024-03001-1
- Advancement ratio effect on screw pile performance in the bearing layer** 2024
Adnan Anwar Malik Shekh Istiaq Ahmed Umair Ali Syed Kamran Hussain Shah Jiro Kuwano
Soils and Foundations, Volume 64, Issue 6, Article Number 101537
Impact Factor: 3.300 | **Quartile:** 2 | **Citations:** 1
DOI: <https://doi.org/10.1016/j.sandf.2024.101537>
- Coupled influence of compaction and moisture on unsaturated soil response in Triaxial tests** 2024
Ibrar Ahmed Syed Kamran Hussain Shah Tufail Ahmad Umair Ali Adnan Anwar Malik Naveed Ahmad
Geotechnical and Geological Engineering, Pages:16
Impact Factor: 1.700 | **Quartile:** 3 | **Citations:** 3
DOI: 10.1007/s10706-024-02807-3
- Feasibility of utilizing recycled concrete aggregate blended with waste tire rubber and drywall waste as pavement subbase material** 2024
Afaq Ahmed Syed Kamran Hussain Shah Numan Ahmad Umair Ali Adnan Anwar Malik Muhammad Jawed Iqbal
Journal of Material Cycles and Waste Management, Volume 26(4), Pages 2278-2293
Impact Factor: 2.700 | **Quartile:** 3 | **Citations:** 5
DOI: 10.1007/s10163-024-01967-x
- Assessing the stability of the reservoir rim in moraine deposits for a mega RCC dam** 2024
Khalid Ahmad Umair Ali Khalid Farooq Syed Kamran Hussain Shah Muhammad Umar
AIMS Geosciences, Volume 10, Issue 2, Pages 290-311
Impact Factor: 0.900 | **Quartile:** 4
DOI: 10.3934/geosci.20240xx
- Permanent Deformation and Breakage Response of Recycled Concrete Aggregates under Cyclic Loading Subject to Moisture Change** 2022
Syed Kamran Hussain Shah Taro Uchimura Ken Kawamoto
Sustainability, Volume 14, Issue 9, Article Number 5427
Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 13
DOI: <https://doi.org/10.3390/su14095427>
- Effect of degree of saturation on particle breakage of recycled concrete aggregate under cyclic loading** 2021
Syed Kamran Hussain Shah Junaid Qayyum Kayani Taro Uchimura Ken Kawamoto
International Journal of Geomate, Volume 20, Issue 81, Pages 72-78
Impact Factor: N/A | **Citations:** 2
DOI: <https://doi.org/10.21660/2021.81.6171>

Numerical Simulation of Triaxial Tests on Recycled Concrete Aggregates

Syed Kamran Hussain Shah Adnan Anwar Malik Hong Le Owen Umair Ali

5th International Conference on Transportation Geotechnics (ICTG) 2024, res.country(13,)

Citations: N/A

DOI: Conference Proceedings (Springer)

2024

Particle breakage and deformation behaviour of recycled concrete aggregates

Syed Kamran Hussain Shah

The 14th International Conference on Advances in Civil & Ecological Engineering Research (ACEER 2022), res.country(48,)

Citations: N/A

DOI: Nil

2022

Effect of degree of saturation on cyclic behavior of recycled concrete aggregates

Syed Kamran Hussain Shah Taro Uchimura Ken Kawamoto

55th Japan Geotechnical Society Annual Conference, res.country(113,)

Citations: N/A

DOI: Nil

2021

Effect of Moisture Content on Particle Breakage of Recycled Concrete Aggregates During Compaction

Syed Kamran Hussain Shah Taro Uchimura Ken Kawamoto

1st International Symposium on Construction Resources for Environmentally Sustainable Technologies, CREST 2020, res.country(113,)

Citations: N/A

DOI: 10.1007/978-981-16-0077-7_4

2021

EFFECT OF DEGREE OF SATURATION ON PARTICLE BREAKAGE OF RECYCLED CONCRETE AGGREGATE UNDER CYCLIC LOADING

Syed Kamran Hussain Shah Junaid Qayyum Kayani Taro Uchimura Ken Kawamoto

6th Int. Conf. on Structure, Engineering & Environment (SEE), res.country(113,)

Citations: N/A

DOI: 10.21660/2021.81.6171

2020

STATIC COMPACTION OF SOIL UNDER SERIES OF LOADING-UNLOADING CYCLES AT DIFFERENT MOISTURE CONTENTS

Syed Kamran Hussain Shah Shinya Tachibana Jiro Kuwano

68th JSCE Conference , res.country(113,)

Citations: N/A

DOI: Conference Proceedings

2013

Time Dependency of Porous Media to Measure the Suction of Compacted Soil Sample

Syed Kamran Hussain Shah Shinya Tachibana Jiro Kuwano

GEOKANTO 2013 , res.country(113,)

Citations: N/A

DOI: Nil

2013

Editorial Activities

Bulletin of Engineering Geology and the Environment Reviewed Papers for Journals Impact Factor: 4.2	2024
Bulletin of Geology and Environment Reviewed Papers for Journals Impact Factor: 3.7	2024
Geomechanics and Geoengineering Reviewed Papers for Journals Impact Factor: 1.3	2024
Smart Infrastructure and Construction Reviewed Papers for Journals Impact Factor: 1	2023
 Reviewed Papers for Journals Impact Factor: 0.8	2022