

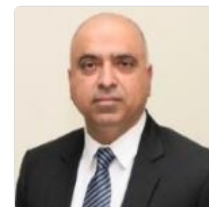
Wasim Irshad Kayani

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About

Dr. Wasim Irshad Kayani is working as Professor of Practice in the National Institute of Transportation. Dr. Wasim Irshad Kayani has a PhD in Transportation Engineering. Dr. Wasim Irshad Kayani has published 5 research articles & conference papers having a citation count of 83, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Transportation Engineering Missouri University of Science and Technology , USA Minor Outlying Islands	2011 - 2015
MS in Civil Engg Missouri University of Science and Technology , USA Minor Outlying Islands	2009 - 2011
BSc in Civil Engg Military College Of Engineering Risalpur , Pakistan	1991 - 1994

Experience

Professor of Practice National Institute of Transportation	2023- Present
Professor of Practice National Institute of Transportation	2022 - 2023
Defence Faculty National Institute of Transportation	2020 - 2022
Dir NIT NIT , Risalpur	2020 - 2022
InstrCI A (Col) & CI B (Brig) MCE , Risalpur	2015 - 2020
CMES (DP) Kamra , MES	2006 - 2009
GSO-II MO Dte , Rwp	2005 - 2006
2IC 4 EB , Gilgat	2004 - 2005
GE (A) Rwp East , Rwp East	2000 - 2003
Instr CI C UN Demining School , Angola	1995 - 1996
GSO-III (Ops) 53 Inf Bde , Bwp	1994 - 1995

Research Articles

Efficacy of geopolymers for integrated bagasse ash and quarry dust in comparison to fly ash as an admixture: A comparative study

Usama Khalid Zia ur Rehman Imad Ullah Khushal Khan Wasim Irshad Kayani

Journal of Engineering Research, Volume: 12, Issue: 3 , Pages: 328-339

Impact Factor: 0.9 | **Quartile:** 3 | **Citations:** 14

DOI: <https://doi.org/10.1016/j.jer.2023.08.010>

2024

Impact of crushing shape and geopolymers on reclaimed concrete aggregate for recycling in the flexible pavement: an enhanced circular economy solution

Omer Sattar Usama Khalid Zia ur Rehman Wasim Irshad Kayani Abbas Haider

Road Materials and Pavement Design, Pages 1-23

Impact Factor: 3.7 | **Quartile:** 2 | **Citations:** 6

DOI: [10.1080/14680629.2023.2287711](https://doi.org/10.1080/14680629.2023.2287711)

2023

Optimal Timing for Lane(s) Addition to an Existing Highway: A Benefit–Cost Approach

Muhammad Asif Khan Anwaar Ahmed Wasim Irshad Kayani

Arabian Journal for Science and Engineering, Volume 44, Pages 4169-4182

Impact Factor: 1.711 | **Quartile:** 3 | **Citations:** 3

DOI: [10.1007/s13369-018-3350-8](https://doi.org/10.1007/s13369-018-3350-8)

2019

A Functional Data Analysis Approach to Traffic Volume Forecasting

Isaac Michael Wagner-Muns Ivan G. Guardiola V. A. Samaranayake Wasim Irshad Kayani

IEEE Transactions on Intelligent Transportation Systems, Volume 19, Issue 3, Pages 878-888

Impact Factor: 5.744 | **Quartile:** 1 | **Citations:** 60

DOI: [10.1109/TITS.2017.2706143](https://doi.org/10.1109/TITS.2017.2706143)

2018

Conference Proceedings

Investigating the Association of Post-Crash Medical Conditions and Human Factors with Motorcyclists Injuries: Insights from Fine Injury Data From Hospital Records

Zia Ur Rehman Numan Ahmad Afzal Ahmed Wasim Irshad Kayani

Transportation Research Board (104th Annual Meeting), res.country(233,)

Citations: N/A

DOI: <https://annualmeeting.mytrb.org/OnlineProgram/Details/23055>

2025