

Dr. Muhammad Bilal Khurshid

Professor of Practice

National Institute of Transportation

Email: principal@nit.nust.edu.pk

Contact:



About

Dr. Dr. Muhammad Bilal Khurshid is working as Professor of Practice in the National Institute of Transportation. Dr. Dr. Muhammad Bilal Khurshid has a PhD in Transportation Engineering. Dr. Dr. Muhammad Bilal Khurshid has published 75 research articles & conference papers having a citation count of 558, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Transportation Engineering Purdue University , United States	2007 - 2010
MS in Transportation Engineering Purdue University , United States	2005 - 2006
BE in Civil Engineering NUST, Islamabad , Pakistan	1998 - 2001

Experience

Professor of Practice National Institute of Transportation	2024- Present
Defence Faculty National Institute of Transportation	2024 - 2024
Defence Faculty National Institute of Transportation	2019 - 2019
Defence Faculty National Institute of Transportation	2016 - 2019
Defence Faculty National Institute of Transportation (NIT-SCEE)	2016 - 2016
Defence Faculty National Institute of Transportation (NIT-SCEE)	2014 - 2016
Defence Faculty Military College of Engineering	2014 - 2014
Defence Faculty Military College of Engineering	2010 - 2014
Defence Faculty Military College of Engineering	2002 - 2002
Defence Faculty Military College of Engineering	2001 - 2002
Principal and Dean NIT NUST , NIT Risalpur	2024 - 2025
Director Consultancy & Transportation FWO , Rawalpindi	2023 - 2024
Director Transportation, Consultancy Directorate FWO , Rawalpindi	2021 - 2023
Deputy Director Consultancy FWO , Headquarters Frontier Works Organization (FWO) Rawalpindi	2019 - 2019
Professor, Transportation Engineering Dept & Dy Director NIT MCE , MCE Risalpur	2019 - 2019
Assoiate Professor, Transportation Engg. Dept. NIT NUST , Islamabad	2016 - 2019
Associate Professor / HoD Transportation Engg. MCE , MCE Risalpur	2014 - 2016
Associate Professor / HoD Basic Sciences MCE , MCE Risalpur	2011 - 2014
Asst. Professor MCE , MCE Risalpur	2010 - 2011
Research Assistant Purdue University, West Lafayette, Indiana, USA , Purdue University, West Lafayette, Indiana, USA	2007 - 2010
Teaching / Research Assistant Purdue University, West Lafayette, Indiana, USA , Purdue University, West Lafayette, Indiana, USA	2005 - 2006
Field Engr / Staff Officer / Project Manager Pak Army, Engineers , Pak Army, Engineers	2002 - 2005
Lecturer MCE , MCE Risalpur	2001 - 2002
Field Engr / Staff Officer / Project Manager Pak Army Engineers , Pak Army Engineers	1994 - 2001

Awards

Best Researcher Award (MCE/NUST) Best Researcher Award (MCE/NUST) by NUST 2019	2019
Best Paper Award Best Paper Award of Corps of Engineers Journal 2014.	2014
Best Institute (MCE) Teacher Award Best Institute (MCE) Teacher Award by NUST in 2012.	2012
Honors BE (Civ) Honors in BE (Civil) (4th position) in the degree course.	2011
Infrastructure Systems Research Award Recipient of 2010 Infrastructure Systems Research Award for outstanding research in Transportation in Civil Engineering Department of Purdue University, USA, in 2010.	2010
Scholarship for Applied Management Principles (AMP) Program Awarded competitive scholarship from Civil Engineering Department of Purdue University, USA, for Applied Management Principles (AMP) Program, Krannet School of Management, Purdue University in May 2007 (based on outstanding performance in academics and research in the Civil Engg Dept).	2007
Scholarship for MSc leading to PhD Awarded competitive scholarship from the Pakistan Government (Ministry of Defence) for MSc leading to PhD in USA in 2005.	2004
1st Course position - 90 PMA L/C Secured First Passing out Commission Merit /Position in 90 PMA Long Course, Pak Army Engineers	1994
1st Pakistan Army Cadet who passed out from Bangladesh Military Academy First Pakistan Army Officer to pass out from Bangladesh Military Academy (3rd and 4th term)	1993

Research Articles

A multidimensional analysis of strategies for the enhancement of railway freight capacity and their effects on the sustainability of transportation infrastructure - a case study of China-Pakistan economic corridor (CPEC) <i>Dr. Muhammad Bilal Khurshid Usama Khan Jamal Ahmed Khan Muhammad Asif Khan</i> <i>Mehran University Research Journal of Engineering and Technology</i> , Volume 44(3), Pages 195-205 Impact Factor: 0.700 Quartile: 3 DOI: 10.22581/muet1982.3299	2025
Multi-dimensional freight and trade capacity analysis-A case study on Burhan-Khunjerab route in China-Pakistan economic corridor (CPEC) <i>Muhammad Adeel Dr. Muhammad Bilal Khurshid Usama Khan Jamal Ahmed Khan</i> <i>Scientific Journal of Silesian University of Technology-Series Transport</i> , Volume:126, Page:5-21 Impact Factor: 0.700 Quartile: 4 DOI: https://doi.org/10.20858/sjsutst.2025.126.1	2025
Developing a quality index for pavement construction and rehabilitation <i>Umair Imran Dr. Muhammad Bilal Khurshid Usama Khan</i> <i>Organization, Technology and Management in Construction</i> , Volume:17, Issue:1, Page:24-45 Impact Factor: 1.700 Quartile: 3 DOI: 10.2478/otmcj-2025-0002	2025
User Opinion on Factors Affecting Drivers Frequent Lane-Changing Behavior: A National Sample of Drivers in Pakistan <i>Ittikhar Jilani Jamal Ahmed Khan Azeem Ullah Shah Dr. Muhammad Bilal Khurshid</i> <i>International Journal for Research in Applied Science & Engineering Technology</i> , Volume 11, Issue XII, Pages 76-84 Impact Factor: N/A DOI: https://doi.org/10.22214/ijraset.2023.56648	2023
Comparison of Headway Measurement Methods for Heterogeneous Traffic Conditions <i>Jamal Ahmed Khan Azeem Ullah Shah Muhammad Mubashir Dr. Muhammad Bilal Khurshid</i> <i>International Journal for Research in Applied Science & Engineering Technology</i> , Volume 11, Issue VIII, Pages 1362-1367 Impact Factor: N/A DOI: https://doi.org/10.22214/ijraset.2023.55135	2023

A Multidimensional Analysis of Factors Impacting Mobility of Open-Access Multilane Highways <i>Jamal Ahmed Khan Muhammad Bilal Khurshid Arshad Hussain Asif Azam</i> <i>Infrastructures</i> , Volume 7, Issue 10, Article Number 143 Impact Factor: 0 Citations: 1 DOI: https://doi.org/10.3390/infrastructures7100143	2022
Enhancement of Hot Mix Asphalt (HMA) Properties Using Waste Polymers <i>Muhammad Bilal Khurshid Nadeem Anwer Qureshi Arshad Hussain Muhammad Jawed Iqbal</i> <i>Arabian Journal for Science and Engineering</i> , Volume 44, Issue 10, Pages 8239–8248 Impact Factor: 1.711 Quartile: 2 Citations: 38 DOI: 10.1007/s13369-019-03748-3	2019
Shortcomings in traffic control devices on rural highways of Pakistan and their rectifications <i>Saad Tayyab Fazal Haq Dr. Muhammad Bilal Khurshid</i> <i>Review of Information Engineering and Applications</i> , Volume 6(1), Pages 1-7 Impact Factor: N/A DOI: 10.18488/journal.79.2019.61.1.7	2019
Restricted zone of superpave mix design and its impact on resilient modulus and permanent deformation <i>Arshad Hussain Fazal Haq Nauman Javaid Dr. Muhammad Bilal Khurshid</i> <i>Civil Engineering Journal-Stavebni Obzor</i> , Volume: 1, Pages: 20-31 Impact Factor: 0 DOI: DOI:10.14311/CEJ.2019.01.0003	2019
Multicriteria Decision Making (MCDM) for evaluation of different transportation alternatives: A case of Rawalpindi bypass Pakistan <i>Bilal Khurshid Muhammad Adeel Muhammad Jawed Iqbal Malik Kamran Shakir</i> <i>Journal of Sustainable Development of Transport and Logistics</i> , Volume 3(3), Pages 38-54 Impact Factor: 0 DOI: 10.14254/jsdtl.2018.3-3.3	2018
Field investigation of Modified Asphalt Mix in Pakistan <i>arshad hussain Abdul Farhan Nadeem Anwar Qureshi Dr. Muhammad Bilal Khurshid Hassan Farooq Afridi</i> <i>Journal of mechanics of continua and mathematical sciences</i> , Journal of mechanics of continua and mathematical sciences , Vol.-13, No.-4 Pages 90-99 Impact Factor: - DOI: 10.26782/jmcms	2018
Optimization of Reclaimed Asphalt and FT Paraffin for Permanent Deformation and Moisture Damage of Asphalt Mixes <i>Fazal Haq Arshad Hussain Dr. Muhammad Bilal Khurshid</i> <i>Civil Engineering Journal-Stavebni Obzor</i> , Volume:3, Article Number:37 Impact Factor: - DOI: DOI:10.14311/CEJ.2018.03.0037	2018
Policy Implications of Work-Trip Mode Choice Using Econometric Modeling <i>Muhammad Irfan Ahmed N. Khurshid Aemal Khattak Dr. Muhammad Bilal Khurshid Yasir Ali</i> <i>Journal of Transportation Engineering Part A: Systems</i> , Volume 144(8), Article Number 04018035 Impact Factor: 0.641 Quartile: 4 Citations: 14 DOI: https://doi.org/10.1061/JTEPBS.0000158	2018
Work zone traffic management in rehabilitation of M-2 <i>Adeel Zafar Dr. Muhammad Bilal Khurshid Malik Kamran Shakir</i> <i>Journal of Sustainable Development of Transport and Logistics</i> , Volume 3(3), Pages 99-108 Impact Factor: - DOI: 10.14254/jsdtl.2018.3-3.8	2018
Permanent Deformation and Moisture Damage of Asphalt Mixes Containing RAP and Sasobit <i>Fazal Haq Arshad Hussain Dr. Muhammad Bilal Khurshid</i> <i>International Journal of Engineering Applied Sciences and Technology</i> , Vol. 2, Issue 11, Pages 32-39 Impact Factor: 0 DOI: 10.7763/IJET .	2018
Use of Waste Plastic Bottles as a Modifier in Bituminous Pavements <i>Arshad Hussain Fazal Haq Nasir Ali Dr. Muhammad Bilal Khurshid Muhammad Ammar Khan</i>	2018

Influence of Six Sigma on Project Success in Construction Industry of Pakistan

2017

Fahim Ullah Muhammad Jamaluddin Thaheem Siddra Qayyum Siddiqui Dr. Muhammad Bilal Khurshid

The TQM Journal, Volume 29, No. 2, Pages 276-309

Impact Factor: 0 | Citations: 65

DOI: 10.1108/TQM-11-2015-0136

Laboratory evaluation of asphalt mixes containing various percentages of recycled asphalt pavement

2017

Waqas Rafiq Arshad Hussain Dr. Muhammad Bilal Khurshid Muhammad Humair

Asian Journal of Natural and Applied Sciences, Volume 6(1), Pages 1-9

Impact Factor: N/A

Impact of variation orders on time and cost in mega hydropower projects of Pakistan

2016

Muhammad Bilal Khurshid Søren Munch Lindhard Hashim Hanif Zuhaib Aslam

Journal of Construction in Developing Countries, Volume 21(2), Pages 37-53

Impact Factor: 0 | Citations: 25

DOI: 10.21315/jcdc2016.21.2.3

FIDIC Conditions of Subcontract as a Model for General Conditions of Subcontract in Pakistan

2016

Muhammad Umer Zubair Hamza Farooq Gabriel Muhammad Jamaluddin Thaheem Dr. Muhammad Bilal Khurshid Ammara Mubeen

Advances in Science, Technology and Engineering Systems, Volume 1, Issue 6, Pages 5-13

Impact Factor: N/A

DOI: 10.25046/aj010602

Reason of the Unsustainability of Community Based Projects: A Critical Review

2016

Zohaib Fazal Muhammad Jawed Iqbal Dr. Muhammad Bilal Khurshid

Acta Technica Corviniensis - Bulletin of Engineering; Hunedoara, Volume 9(3), Pages 147-149

Impact Factor: -

DOI: -

Estimating national road crash fatalities using aggregate data

2016

Anwaar Ahmed Beenish Akbar Khan Bilal Khurshid Muhammad Babar Khan ABDUL WAHEED

International Journal of Injury Control and Safety Promotion, Volume 23, Issue 3, Pages 249-254

Impact Factor: 0.875 | Quartile: 4 | Citations: 23

DOI: 10.1080/17457300.2014.992352

Rutting Susceptibility and Moisture Damage of HMA Containing Reclaimed Asphalt Pavement

2016

Muhammad Humair Arshad Hussain Dr. Muhammad Bilal Khurshid Mansoor Ahmed Malik Waqas Rafiq

International Journal of Scientific & Engineering Research, Pages 1-6

Impact Factor: N/A

Participatory Land Use Planning in Natural Hazard's Fragile Context: A Case Study of Kalam, Pakistan

2016

Muhammad Jawed Iqbal Ismail Khan Dr. Muhammad Bilal Khurshid Sadaf Saleem

European Scientific Journal, Special Edition 2016, Pages: 265-290

Impact Factor: N/A

DOI: <https://doi.org/10.19044/esj.2016.v12n10p%25p>

Performance Assessment of Construction Engineering and Management (CEM) Degree Program in Developing Countries: Case of Pakistan

2016

Mian Hassan Naveed Muhammad Jamaluddin Thaheem Muhammad Bilal Khurshid Rizwan Ul Haque Farooqui

International Journal of Construction Education and Research, Volume 13, Issue 1, Pages 3-23

Impact Factor: 0 | Citations: 12

DOI: 10.1080/15578771.2016.1183732

Evaluation of Resilient Modulus of HMA Mixtures from Highway Construction Projects in Pakistan

2016

Dr. Muhammad Bilal Khurshid Arshad Hussain Hassan Bin Tahir M. Zaeem Sheikh Abdul Waheed

Journal of Basic and Applied Research International, Volume 17, Issue. 4, Page 290-301

Impact Factor: -

DOI: -

Performance variation due to air void distribution in open-graded friction course pavements

2016

Nadeem Anwer Qureshi Dr. Muhammad Bilal Khurshid

<i>International Journal on Pavement Engineering & Asphalt Technology</i> , Volume 17, Issue 1, Pages 7-17	
Impact Factor: -	
DOI: 10.1515/ijpeat-2016-0001	
Evaluation of premature failures of open-graded friction course pavements in Alabama	2015
<i>Nadeem Anwer Qureshi Bilal Khurshid Donald Watson</i>	
<i>Canadian Journal of Civil Engineering</i> , Volume 42, Issue 12, Pages 1104-1113	
Impact Factor: 0.586 Quartile: 3 Citations: 11	
DOI: DOI:10.1139/cjce-2015-0121	
Investigation of Hot In-Place Recycling Effects on Hot Mix Asphalt Pavement	2015
<i>Nadeem Anwer Qureshi Dr. Muhammad Bilal Khurshid</i>	
<i>International Journal on Pavement Engineering & Asphalt Technology</i> , Volume 16, Issue 2, Pages 7–20	
Impact Factor: -	
DOI: DOI:10.1515/ijpeat-2015-0006	
Laboratory evaluation of durability of open-graded friction course Mixtures	2015
<i>Nadeem Anwer Qureshi Syed Hassan Farooq Dr. Muhammad Bilal Khurshid</i>	
<i>International Journal of Engineering and Technology</i> , Volume 7, No.3, Pages 956-964	
Impact Factor: 0	
DOI: 0000000/0000	
A framework for assessing the consequences of deferred or hastened highway asset interventions	2015
<i>Dr. Muhammad Bilal Khurshid Muhammad Irfan Anwaar Ahmed Samuel Labi</i>	
<i>Structure and Infrastructure Engineering</i> , Volume 11, Issue 3, Pages 282-296	
Impact Factor: 1.202 Quartile: 2 Citations: 10	
DOI: DOI:10.1080/15732479.2013.875046	
Framework for airfield pavements management - an approach based on cost-effectiveness analysis	2015
<i>Muhammad Irfan Muhammad Bilal Khurshid Dr Shahid Iqbal Abid Khan</i>	
<i>European Transport Research Review</i> , Volume 7, Article Number 13	
Impact Factor: 0.672 Quartile: 4 Citations: 18	
DOI: 10.1007/s12544-015-0165-5	
Performance modeling of open-graded friction course pavements	2015
<i>Donald Watson Dr Bilal Khurshid Nadeem Anwer Qureshi Anwaar Ahmed</i>	
<i>International Journal of Pavement Research and Technology</i> , Volume:8, Issue:3, Page:192-198	
Impact Factor: 0 Citations: 1	
DOI: 10.6135/ijprt.org.tw/2015.8(3).192	
Factors Affecting Stakeholders' Management Skills in Construction of Hydropower Projects of Pakistan	2015
<i>Bahar Ali Dr. Muhammad Bilal Khurshid Hashim Hanif</i>	
<i>Science, Technology and Development Journal</i> , Volume 33(4), Pages 169-174	
Impact Factor: N/A	
Marginal Pavement Damage Cost Estimation Using Field Data: Issues and Opportunities	2014
<i>Anwaar Ahmed Dr. Muhammad Bilal Khurshid Muhammad Irfan Samuel Labi</i>	
<i>IRF Examiner</i> , Volume 4, Pages 6-12	
Impact Factor: N/A	
DOI: IRF-Examiner-2014-pp-6-12	
Multidimensional Benefit–Cost Evaluation of Asphaltic Concrete Overlays of Rigid Pavements	2014
<i>Muhammad Bilal Khurshid Muhammad Irfan Samuel Labi Anwaar Ahmed</i>	
<i>Structure and Infrastructure Engineering</i> , Volume 10, Issue 6, Pages 792-810	
Impact Factor: 1.454 Quartile: 2 Citations: 21	
DOI: https://doi.org/10.1080/15732479.2013.767842	
Analysis of Role of Media in Disaster Reporting in Pakistan	2014
<i>Muhammad Jawed Iqbal Fatima Masoo Ali Bilal Khurshid Sadaf Saleem</i>	
<i>European Scientific Journal</i> , Volume 1, Pages 570-575	
Impact Factor: N/A	
DOI: 10.19044/esj.2014.v10n10p%25p	
Utilization of Waste Polyethylene in Asphalt Mixes in Pakistan	2014

<p><i>Bilal Khurshid Sarfraz Ahmed Muhammad Jawed Iqbal Muhammad Irfan</i> <i>Sarhad University International Journal of Basic and Applied Sciences</i>, Volume 2, Issue 1, Pages 1-8</p> <p>Impact Factor: N/A DOI: 000</p>	
<p>Analysis of Labour Productivity of Road Construction in Pakistan</p> <p><i>Abu Bakar Muzamil Dr. Muhammad Bilal Khurshid</i> <i>International Journal of Engineering and Advanced Technology</i>, Volume-3, Issue-3, Pages 153-159</p> <p>Impact Factor: N/A</p>	2014
<p>Gender Mainstreaming in to Community Based Disaster Risk Management</p> <p><i>Muhammad Jawed Iqbal Muhammad Naseem Baig Haleema Sadia Muhammad Bilal Khurshid Sadaf Saleem</i> <i>European Scientific Journal</i> , Volume 9, No.32, Pages 463-470</p> <p>Impact Factor: 0 DOI: 10.19044/esj.2013.v9n32p%25p</p>	2013
<p>An Analytical Framework for Optimizing the Highway and Civil Infrastructure Interventions</p> <p><i>Dr. Muhammad Bilal Khurshid Muhammad Irfan Sarfraz Ahmed Shahid Iqbal</i> <i>Sarhad University International Journal of Basic and Applied Sciences</i>, Volume 1, Issue No. 1, Pages 158-166</p> <p>Impact Factor: N/A DOI: https://journal.suit.edu.pk/index.php/suijbas/issue/archive</p>	2013
<p>An analytical review of traffic congestion on murree road rawalpindi</p> <p><i>Dr. Muhammad Bilal Khurshid Dr.Sarfraz Ahmed Muhammad Jawed Iqbal</i> <i>Sarhad University International Journal of Basic and Applied Sciences</i>, Volume 1, No. 1, Pages 167-173</p> <p>Impact Factor: N/A</p>	2013
<p>Establishing optimal project-level strategies for pavement maintenance and rehabilitation - A framework and case study</p> <p><i>Muhammad Irfan Muhammad Bilal Khurshid Samuel Labi Qiang Bai Thomas L Morin</i> <i>Engineering Optimization</i> , Volume 44, Issue 5, Pages 565-589</p> <p>Impact Factor: 0.962 Quartile: 2 Citations: 41 DOI: doi.org/10.1080/0305215X.2011.588226</p>	2012
<p>Scale and Condition Economies in asset Preservation Cost Functions – A Case Study Involving Flexible Pavement Treatments</p> <p><i>Muhammad Irfan Dr. Muhammad Bilal Khurshid Anwaar Ahmed Samuel Labi</i> <i>Journal of Transportation Engineering</i>, Volume 138(2), Pages 218-228</p> <p>Impact Factor: 0.863 Quartile: 2 Citations: 18 DOI: 10.1061/(ASCE)TE.1943-5436 .0000323</p>	2012
<p>An analysis of the cost-effectiveness of rigid pavement rehabilitation treatments</p> <p><i>Muhammad Irfan Muhammad Bilal Khurshid Samuel Labi</i> <i>Structure and Infrastructure Engineering</i> , Volume:7, Issue:9, Page:715-727</p> <p>Impact Factor: 0.966 Quartile: 2 Citations: 16 DOI: doi.org/10.1080/15732470902836566</p>	2011
<p>Optimal Performance Threshold Determination for Highway Asset Interventions: Analytical Framework and Application</p> <p><i>Muhammad Bilal Khurshid Muhammad Irfan Samuel Labi</i> <i>Journal of Transportation Engineering</i>, Volume 137(2), Pages 128-139</p> <p>Impact Factor: 0.62 Quartile: 3 Citations: 34 DOI: https://doi.org/10.1061/(ASCE)TE.1943-5436.0000198</p>	2011
<p>Planning Stage Estimation of Highway Project Duration on the Basis of Anticipated Project Cost, Project Type, and Contract Type</p> <p><i>Panagiotis Anastasopoulos Samuel Labi Fred Moavenzadeh Muhammad Irfan Dr. Muhammad Bilal Khurshid</i> <i>International Journal of Project Management</i>, Volume 29, Issue 1, Pages 78-92</p> <p>Impact Factor: 1.532 Quartile: 2 Citations: 61 DOI: https://doi.org/10.1016/j.ijproman.2010.01.001</p>	2011
<p>Evaluating the cost effectiveness of flexible rehabilitation treatments using different performance criteria</p> <p><i>Muhammad Irfan Muhammad Bilal Khurshid Samuel Labi William Flora</i> <i>Journal of Transportation Engineering</i>, Volume 135, Issue 10, Pages 753-763</p>	2009

Impact Factor: 0.496 Quartile: 3 Citations: 66 DOI: 10.1061/(ASCE)TE.1943-5436.0000041	
Comparison of methods for evaluating pavement interventions: Evaluation and case study <i>Muhammad Bilal Khurshid Samuel Labi Muhammad Irfan</i> <i>Transportation Research Record</i> , Issue:2108, Page:25-36 Impact Factor: 0.298 Quartile: 4 Citations: 43 DOI: doi.org/10.3141/2108-03	2009
Determining the service life of thin hot-mix asphalt overlay by means of different performance indicators <i>Samuel Labi Muhammad Irfan Muhammad Bilal Khurshid</i> <i>Transportation Research Record</i> , Volume 2108, Issue 1, Pages 37-45 Impact Factor: 0.298 Quartile: 4 Citations: 40 DOI: https://doi.org/10.3141/2108-04	2009
Conference Proceedings	
Real-Time Smog Prediction and Mitigation Framework of Lahore: An AI-Powered Dashboard for Sustainable Urban Resilience <i>Usama Khan Moaaz Munir Dr. Muhammad Bilal Khurshid</i> <i>1st International Conference on Climate Change, Environment, and Sustainability (I3CES)</i> , res.country(177,) Citations: N/A DOI: Nil	2025
Sustainable Roadside Parking Solutions in Urban Areas <i>Muhammad Bilal Khurshid Jamal Ahmed Khan Saad Javed Amanat Ali Mohammad Mujtaba</i> <i>3rd International Conference on Advances in Civil and Environmental Engineering (ICACEE-2024)</i> , res.country(177,) Citations: N/A DOI: Nil	2024
Risk-Taking Behaviour of Pedestrians on National Highways of Pakistan <i>Laraib Fatima Muhammad Bilal Khurshid Jamal Ahmed Khan Muhammad Usman Subhani Muhammad Hadeed Tayyab Aasim</i> <i>3 rd International Conference on Advances in Civil and Environmental Engineering (ICACEE-2024)</i> , res.country(177,) Citations: N/A DOI: Nil	2024
Impact of traffic composition on highway mobility based on speed categorization of vehicles <i>Asim khan Jamal Ahmed Khan Dr. Muhammad Bilal Khurshid</i> <i>2nd International Conference on Advances in Civil and Environmental Engineering (ICACEE-2023)</i> , res.country(177,) Citations: N/A DOI: Nil	2023
Operational Analysis of Two-lane Suburban Highway in Heterogeneous Traffic Conditions <i>Azeem Ullah Shah Jamal Ahmed Khan Anees Ahmad Dr. Muhammad Bilal Khurshid</i> <i>International Conference on Recent Advances in Civil Engineering and Disaster Management</i> , res.country(177,) Citations: N/A DOI: Nil	2022
MODELLING THE RELATIONSHIP OF ROAD NETWORK WITH BUILT UP AREAS <i>Muhammad Yasir Dr. Muhammad Bilal Khurshid Jamal Ahmed Khan Muhammad Arshad</i> <i>2nd International Conference on Recent Advances in Civil Engineering and Disaster Management Arranged by: Department of Civil Engineering, UET Peshawar.</i> , res.country(177,) Citations: N/A DOI: Nil	2022
Impact of Accessibility and Traffic Heterogeneity on Mobility of Multilane Open Access Highway <i>Jamal Ahmed Khan Dr. Muhammad Bilal Khurshid Arshad Hussain</i> <i>1st International Conference on Advances in Civil & Environmental Engineering, University of Engineering & Technology Taxila, Pakistan</i> , res.country(177,) Citations: N/A DOI: Nil	2022
Analyzing the Mobility of Multilane Highway using Travel Time as a Performance Measure <i>Dr. Muhammad Bilal Khurshid Arshad Hussain Muhammad Jawed Iqbal Jamal Ahmed Khan</i> <i>11th International Civil Engineering Conference (ICEC-2020)</i> , res.country(177,) 	2020

Citations: N/A DOI: Nil	
Multi-criteria Decision Making in Urban System Traffic Evaluation <i>Malik Kamran Shakir Dr. Muhammad Bilal Khurshid Nadeem Anwar Qureshi Arshad Hussain Muhammad Adeel</i> 10th International International Civil Engineering Conference (ICEC-2019) , res.country(177,) Citations: N/A DOI: Nil	2019
Quantifying The Factors For Quality of Pavement Rehabilitation <i>Umair Imran Dr. Muhammad Bilal Khurshid Muhammad Jawed Iqbal</i> 10th International Civil Engineering Conference (ICEC-2019) , res.country(177,) Citations: N/A DOI: Nil	2019
Effect of Compaction on Quality of Asphalt Concrete Pavements <i>Muhammad Irfan Muhammad Adeel Bilal Khurshid Malik Kamran Shakir</i> 3rd Multi-Disciplinary Student Research Conference (MDSRC), res.country(177,) Citations: N/A DOI: 3rd Multi-Disciplinary Student Research Conference	2017
Effect of Waste Polymers in Enhancing the Properties and Performance of Hot Mix Asphalt <i>Dr. Muhammad Bilal Khurshid Muhammad Jawed Iqbal Nadeem Anwer Qureshi Arshad Hussain Muhammad Adeel</i> International Conference on Sustainable Development in Civil Engineering, res.country(177,) Citations: N/A DOI: International Conference on Sustainable Development in Civil Engineering	2017
EVALUATION OF ASPHALT MIXTURES USING NEAT AND MODIFIED BINDER <i>Arshad Hussain Nasir Iqbal Dr. Muhammad Bilal Khurshid</i> 2nd International Conference on Emerging Trends in Engineering, Management and Scineces, res.country(177,) Citations: N/A DOI: Nil	2016
Mapping Access To Public Transport Network And Assessing The Changes To Public Transportation Systems On Accessibility For Rawalpindi <i>Muhammad Saadullah Dr. Muhammad Bilal Khurshid Anwaar Ahmed</i> 8th International International Civil Engineering Congress (ICEC-2016) , res.country(177,) Citations: N/A DOI: Nil	2016
MULTICRITERIA DECISION MAKING (MCDM) - A CASE OF RAWALPINDI BYPASS <i>Dr. Muhammad Bilal Khurshid Muhammad Adeel Malik Kamran Shakir Arshad Hussain</i> 3rd International Multidisciplinary Research Conference 2016 On Global Prosperity through Research & Innovation, res.country(177,) Citations: N/A DOI: Nil	2016
WORK ZONE TRAFFIC MANAGEMENT IN REHABILITATION OF M-2 <i>Dr. Muhammad Bilal Khurshid Muhammad Adeel Malik Kamran Shakir Muhammad Jawed Iqbal</i> 3rd International Multidisciplinary Research Conference 2016 On Global Prosperity through Research & Innovation, res.country(177,) Citations: N/A DOI: Nil	2016
Participatory Land Use Planning in Natural Hazard's Fragile Context: A Case Study of Kalam, Pakistan <i>Muhammad Jawed Iqbal Ismail Khan Dr. Muhammad Bilal Khurshid Sadaf Saleem</i> 4th Mediterranean Interdisciplinary Forum on Social Sciences and Humanities, MIFS 2016, res.country(68,) Citations: N/A DOI: 4th Mediterranean Interdisciplinary Forum on Social Sciences and Humanities, MIFS 2016	2016
Analyzing the Effect of Congestion Pricing on Work-Trip Mode Choice Using Econometric Modeling <i>Muhammad Irfan Ahmed Nader Khurshid Bilal Khurshid Anwaar Ahmed Aemal Khattak</i> 94th Annual Meeting of the Transportation Research Board (TRB), res.country(233,) Citations: N/A DOI: Nil	2015
Causes of Variation Orders in Construction of Hydropower Projects of Pakistan <i>Hashim Hanif Dr. Muhammad Bilal Khurshid Muhammad Sohail Anwar Malik Shazia Nauman</i>	2014

International Conference on Management and Engineering (CME 2014), res.country(48,)

Citations: N/A

DOI: ISBN: 978-1-60595-174-4

Developing an Enhanced Decision Framework for Road Asset Management System of Pakistan Using HDM-4

2013

Muhammad Irfan Umer Saeed Bilal Khurshid Tabjeel Ashraf

17th IRF World Meeting and Exhibition, res.country(192,)

Citations: N/A

DOI: Nil

Cracking Evaluation of Asphalt Concrete in Context of Intermediate Test Temperatures

2013

Brig Dr Muhammad Irfan Dr.Sarfraz Ahmed Dr. Eshan V. Dave Bilal Khurshid

17th IRF World Meeting and Exhibition in Riyadh, res.country(192,)

Citations: N/A

DOI: Nil

Comparative analysis of conventional and waste polyethylene modified bituminous mixes: A new dimension of effective environmental & waste management

2013

Bilal Khurshid Dr.Sarfraz Ahmed Muhammad Irfan Lt Col Sajid Mehmood

International Conference on Remote Sensing, Environment and Transportation Engineering (RSETE 2013), res.country(48,)

Citations: N/A

DOI: 10.2991/rsete.2013.84

Evaluation of Railroad Subgrade – A Parametric Study

2013

Dr.Sarfraz Ahmed Bilal Khurshid Manzoor Hussain Abdul Qudoos Khan

13th National Conference on Geotechnical Engineering, res.country(177,)

Citations: N/A

DOI: Nil

An Analytical Framework for Optimizing the Highway & Civil Infrastructure Interventions

2012

Brig Dr Muhammad Irfan Bilal Khurshid Dr.Sarfraz Ahmed Dr Shahid Iqbal

2nd International Multidisciplinary Conference towards Better Pakistan, res.country(177,)

Citations: N/A

DOI: Nil

Quantifying the Consequences of Hastened or Deferred Interventions

2011

Muhammad Irfan Bilal Khurshid Anwaar Ahmed Samuel Labi

90th Annual Meeting of the Transportation Research Board, res.country(233,)

Citations: N/A

DOI: Nil