

Niaz Bahadur Khan

Assistant Professor

School of Mechanical & Manufacturing Engineering

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About

Dr. Niaz Bahadur Khan is working as Assistant Professor in the School of Mechanical & Manufacturing Engineering. Dr. Niaz Bahadur Khan has a PhD in Numerical Modeling And Analysis Of Flow Around Stationary And Oscillating Cylinder. Dr. Niaz Bahadur Khan has published 54 research articles & conference papers having a citation count of 1728, carried out 2 projects and filed 0 intellectual property.

Qualifications

PhD in Numerical Modeling And Analysis Of Flow Around Stationary And Oscillating Cylinder Universiti Malaya , Malaysia	2014 - 2018
MS in Mechanical Ghulam Ishaq Khan Institute of Science & Technology , Pakistan	2008 - 2009
BS in Mechanical Engineering UET Peshawar , Pakistan	2003 - 2007
F.Sc in Pre-Engineering Islamia College Peshawar , Pakistan	2001 - 2003
Matric (SSC) in Science BISE, Peshawar , Pakistan	1999 - 2001

Experience

Assistant Professor School of Mechanical & Manufacturing Engineering	2022- Present
Assistant Professor School of Mechanical & Manufacturing Engineering	2021 - 2021
Assistant Professor School of Mechanical & Manufacturing Engineering	2018 - 2022
Assistant Professor School of Mechanical & Manufacturing Engineering	2018 - 2018
Senior Engineer AEDesign PVT Limited, Lahore, Pakistan , AEDesign PVT Limited, Lahore, Pakistan	2013 - 2014
Manager Technical National Engineering and Scientific Commission , National Engineering and Scientific Commission, (Maritime Technology complex), Islamabad Pakistan	2009 - 2013

Professional Memberships

PEC	Since 2015
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Research Projects

National Projects

Integrated Life Cycle Environmental, Energy Use and Socioeconomic Impact of Peshawar BRT System and its Comparison with Other Modes of Passenger Transportation	2021
Funding Agency: HEC	
Amount: PKR 4,680,500.00	
Status: Approved_inprocess	
High Speed Air Inlet Performance Estimation using CFD Tools in the field of Aerodynamics, CFD	2021
Funding Agency: NESCOM	
Amount: PKR 200,000.00	
Status: Approved_inprocess	

International Projects

Research Articles

Experimental Investigation of Surface Roughness Effects on Energy Harvesting from Piezoelectric Eel behind a Cylindrical Bluff Body	2025
<i>Muhammad hammad Bucha Niaz Bahadur Khan Emad Ud Din Hafiz Hamza Riaz Adnan Munir Umar Farooq Ming Zhao Riaz Muhammad Mohammed Jameel Muhammad Tauseef Nasir Muhammad Nafees Mumtaz Qadri</i>	
<i>PLoS One</i> , Volume 20(7), Article Number e0327916	
Impact Factor: 2.600 Quartile: 2	
DOI: 10.1371/journal.pone.0327916	
Evaluation of balance and orthotic gait training techniques for rehabilitation in hemiplegic stroke patients	2025
<i>Sidra Tariq Muhammad Asim Waris Dr. JAVAID IQBAL Niaz Bahadur Khan Syed Omer Gilani Shafaq Mushtaq Qasim Owais Khurram Mushtaq</i>	
<i>Scientific Reports</i> , Volume:15, Issue:1, Article Number 15059	
Impact Factor: 3.800 Quartile: 1	
DOI: https://doi.org/10.1038/s41598-025-98227-1	
Hydrodynamic and hydro acoustic analysis of marine propeller in off design flow conditions	2025
<i>Ammar Nazeer Niaz Bahadur Khan Emad Ud Din Mohammed Jameel Omar Al-Abbasi Qian Wu Adnan Munir Hanzla Shahid</i>	
<i>PLoS ONE</i> , Volume:20, Issue:3, Article Number e0320435	
Impact Factor: 2.900 Quartile: 1	
DOI: https://doi.org/10.1371/journal.pone.0320435	
A Comprehensive Approach to Wind Turbine Power Curve Modeling: Addressing Outliers and Enhancing Accuracy	2024
<i>Khuram Mushtaq Muhammad Asim Waris Runmin Zou Uzma Shafique Niaz Bahadur Khan M Ijaz Khan Muhammad Imran Mohammed Jameel</i>	
<i>Energy</i> , Volume 304, Article Number 131981	
Impact Factor: 9.000 Quartile: 1 Citations: 6	
DOI: 10.1016/j.energy.2024.131981	
Optimization of TIG welding parameters for enhanced mechanical properties in AISI 316L stainless steel welds	2024
<i>Khubaib Zafar Ghumman Sadaqat Ali Niaz Bahadur Khan M. Ijaz Khan Hafiz Tauqeer Ali Mirjalol Ashurov5</i>	
<i>International Journal of Advanced Manufacturing Technology</i> , Pages 1-13	
Impact Factor: 2.900 Quartile: 2 Citations: 5	
DOI: https://doi.org/10.1007/s00170-024-14277-1	
Chatter detection and suppression inmachining processes: a comprehensive analysis	2024
<i>Abdul Basit Niaz Bahadur Khan Sadaqat Ali Riaz Muhammad Dilsora Abduvalieva M. Ijaz Khan Mohammed Jameel</i>	
<i>International Journal on Interactive Design and Manufacturing</i> , Volume 18, Pages 3751-3771	
Impact Factor: 2.100 Quartile: 3 Citations: 10	
DOI: https://doi.org/10.1007/s12008-023-01716-8	
Numerical investigation of vortex-induced vibrations (VIV) of a rotating cylinder in in-line and cross-flow directions subjected to oscillatory flow	2024
<i>Ubaid Ur Rehman Adnan Munir Niaz Bahadur Khan Ming Zhao Mian Ashfaq Ali Muhammad Kashif Mohammad S. Islam Zeeshan Saeed</i>	
<i>Ocean Engineering</i> , Volume 304 , Article Number 117917	
Impact Factor: 4.600 Quartile: 1 Citations: 9	
DOI: https://doi.org/10.1016/j.oceaneng.2024.117917	

ExoMechHand prototype development and testing with EMG signals for hand rehabilitation <i>Ajdarullah Muhammad Asim Waris Uzma Shafique Niaz Bahadur Khan Quratlain Saeed Naureen Tassadaq Owais Qasim Hafiz T Ali</i> <i>Medical Engineering and Physics</i> , Volume 124, Article Number 104095 Impact Factor: 2.2 Quartile: 3 Citations: 5 DOI: 10.1016/j.medengphy.2023.104095	2024
Robust CNN architecture for classification of reach and grasp actions from neural correlates: an edge device perspective <i>Hajra Sultan Haris Ijaz Muhammad Asim Waris Shafaq Mushtaq Khurram Mushtaq Niaz Bahadur Khan Mehdi Taliqa Jamshed Iqbal Said Ghani Khan</i> <i>Measurement Science and Technology</i> , Volume 35, Number 3, Article Number 035703 Impact Factor: 2.4 Quartile: 1 Citations: 2 DOI: 10.1088/1361-6501/ad1157	2023
Deploying efficient net batch normalizations (BNs) for grading diabetic retinopathy severity levels from fundus images <i>Summiya Batool Syed Omer Gilani Asim Waris Khawaja Fahad Iqbal Niaz Bahadur Khan Muhammad Ijaz Khan Syed Muhammad Eldin Fuad A. Awwad</i> <i>Scientific Reports</i> , Volume 13, Issue 1, Article Number 14462 Impact Factor: 4.6 Quartile: 1 Citations: 6 DOI: 10.1038/s41598-023-41797-9	2023
Effect of Zn nanoparticle-doped flux on mechanical properties of SAC305 solder joint after electromigration <i>Muhammad Nasir Bashir Niaz Bahadur Khan Shahid Bashir Abdul Faheem Khan M. M. Quazi Mustabshirha Gul Saif Wakeel Hafiz Muhammad Saad</i> <i>Journal of Materials Science: Materials in Electronics</i> , Vol:34, Article Number: 321, Impact Factor: 2.779 Quartile: 2 Citations: 5 DOI: 10.1007/s10854-022-09722-4	2023
Experimental investigation of effect of welding parameters on surface roughness, micro-hardness and tensile strength of AISI 316L stainless steel welded joints using 308L filler material by TIG welding <i>Khubaib Zafar Ghumman Sadaqat Ali Emad Ud Din Aamir Mubashar Niaz Bahadur Khan Syed Waqar Ahmed</i> <i>Journal of Materials Research and Technology</i> , Volume 21, Pages 220-236 Impact Factor: 6.267 Quartile: 1 Citations: 35 DOI: https://doi.org/10.1016/j.jmrt.2022.09.016	2022
Role of Crystallographic Orientation of β-Sn Grain on Electromigration Failures in Lead-Free Solder Joint: An Overview <i>Muhammad Nasir Sajid Ullah Butt Muhammad Adil Mansoor Niaz Bahadur Khan Shahid Bashir Yew Hoong Wong Turki Alamro Sayed Mohamed Eldin Mohammed Jameel</i> <i>Coatings</i> , Volume 12(11), Article Number 1752 Impact Factor: 3.236 Quartile: 2 Citations: 7 DOI: https://doi.org/10.3390/coatings12111752	2022
The Impact of Laminations on the Mechanical Strength of Carbon-Fiber Composites for Prosthetic Foot Fabrication <i>Bakhtawar Sehar Muhammad Asim Waris Syed Omer Gilani Shafaq Mushtaq Niaz Bahadur Khan Umar Ansari Mohammed Jameel M. Ijaz Khan Omar T. Bafakeeh El Sayed Mohamed Tag-ElDin</i> <i>Crystals</i> , Volume 12, Issue 10, Article Number 1429 Impact Factor: 2.670 Quartile: 2 Citations: 74 DOI: https://doi.org/10.3390/cryst12101429	2022
A Training Exoskeleton for rehabilitation in Upper Extremity for Stroke Patients. Journal of Computational Biophysics and Chemistry <i>Sohaib Faiz Muhammad Asim Waris Shafaq Mushtaq Niaz Bahadur Khan Mohammed Jameel Ahmed M. Galal</i> <i>Journal of Computational Biophysics and Chemistry</i> , Pages 1-9 Impact Factor: N/A Citations: 1 DOI: https://doi.org/10.1142/S2737416523400033	2022
Cattaneo–Christov Double Diffusion (CCDD) on Sutterby Nanofluid with Irreversibility Analysis and Motile Microbes Due to a RIGA Plate <i>Muhammad Faizan Ahmed A Zaib Farhan Ali Omar T Bafakeeh Niaz Bahadur Khan El Sayed Mohamed Tag-ElDin Mowffaq Oreijah Kamel Guedri Ahmed M. Galal</i> <i>Micromachines</i> , Volume 13, Issue 9, Article Number 1497 Impact Factor: 3.523 Quartile: 2 Citations: 2 DOI: https://doi.org/10.3390/mi13091497	2022

Effect of Ni and Co nanoparticle-doped flux on microstructure of SAC305 solder matrix <i>Muhammad Nasir A.S.M.A .Haseeb Saif Wakeel Muhammad Ali Khan M. M. Quazi Niaz Bahadur Khan Arslan Ahmed Manzoore Elahi M. Soudagar</i> <i>Journal of Materials Science: Materials in Electronics</i> , Volume 33, Issue 25, Pages 20106-20120 Impact Factor: 2.8 Quartile: 2 Citations: 16 DOI: https://doi.org/10.1007/s10854-022-08827-0	2022
Effect of Variation in the Mass Ratio on Vortex-Induced Vibration of a Circular Cylinder in Crossflow Direction at Reynold Number = 104: A Numerical Study Using RANS Model <i>Muhammad Usman Anwar Maha M. A. Lashin Niaz Bahadur Khan Adnan Munir Mohammed Jameel Riaz Muhammad Kamel Guedri Ahmed M. Galal</i> <i>Journal of Marine Science and Engineering</i> , Volume 10, Issue 8, Article Number 1126 Impact Factor: 2.744 Quartile: 1 Citations: 9 DOI: 10.3390/jmse10081126	2022
Flexure and Shear Response of an impulsively loaded rigid-plastic beam by enhanced linear complementarity approach <i>Azam Khan Moiz Tariq Asad Ullah Niaz Bahadur Khan Mohammed Jameel</i> <i>Scientific Reports</i> , Volume 12, Article Number 9893 Impact Factor: 4.379 Quartile: 1 Citations: 2 DOI: 10.1038/s41598-022-14082-4	2022
A Low-Cost Device for Measurement of Exhaled Breath for the Detection of Obstructive Lung Disease <i>Adil Shahzad Muhammad Asim Waris Shafaq Mushtaq Syed Omer Gilani Maha Abdullah Alnuwaiser Muhammad Jameel Niaz Bahadur Khan</i> <i>Biosensors</i> , Volume 12, Issue 6, Article Number 409 Impact Factor: 5.743 Quartile: 1 Citations: 13 DOI: https://doi.org/10.3390/bios12060409	2022
Numerical investigation of the effect of spanwise length and mesh density on flow around cylinder at Re = 3900 using LES model <i>Haider Ali Niaz Bahadur Khan Muhammad Jameel Azam Khan Muhammad Sajid Adnan Munir A. El-Sayed Ahmed Khalid Abdulkhaliq M. Alharbi Ahmed M. Galal</i> <i>PLoS One</i> , Volume 17(4), Article Number e0266065 Impact Factor: 3.240 Quartile: 2 Citations: 6 DOI: 10.1371/journal.pone.0266065	2022
Numerical treatment of time dependent magnetohydrodynamic nanofluid flow of mass and heat transport subject to chemical reaction and heat source <i>Niaz Bahadur Khan Yun-XiangLi S.R. Mishra P.K.Pattnaik S. Baag Yong-MinLi M.Ijaz Khan M Kbiri Alaoui SamiUllah Khan</i> <i>Alexandria Engineering Journal</i> , Volume 61, Issue 3, Pages 2484-2491 Impact Factor: 6.8 Quartile: 1 Citations: 49 DOI: 10.1016/j.aej.2021.07.030	2022
A modified Lemke Algorithm for dynamic rigid plastic response of skeletal structures <i>Azam Khan Niaz Bahadur Khan Irshad Ahmad Wajid Khan Muhammad Aslam</i> <i>Computers & Structures</i> , Volume 256, Article Number 106638 Impact Factor: 4.578 Quartile: 1 Citations: 6 DOI: https://doi.org/10.1016/j.compstruc.2021.106638	2021
Numerical Analysis of Heat Transfer and Pressure Drop in Helically Micro-Finned Tubes <i>Muhammad Ammar Ali Muhammad Sajid Emad Uddin Niaz Bahadur Khan Zaib Ali</i> <i>Processes</i> , Volume 9, Article Number 754 Impact Factor: 2.753 Quartile: 2 Citations: 7 DOI: https://doi.org/10.3390/pr9050754	2021
Numerical and scale analysis of non-Newtonian fluid (Eyring-Powell) through pseudo-spectral collocation method (PSCM) towards a magnetized stretchable Riga surface <i>Niaz Bahadur Khan Yu-MingChu Fayyaz Ahmad M. Ijaz Khan Mubbashar Nazeer Farooq Hussain S. Kadry Liqun Mei</i> <i>Alexandria Engineering Journal</i> , Volume 60, Issue 2, Pages 2127-2137 Impact Factor: 6.626 Quartile: 1 Citations: 37 DOI: https://doi.org/10.1016/j.aej.2020.12.017	2021
Physical importance of entropy generation in fluid flow (Williamson) with nonlinear radiative heat flux <i>Niaz Bahadur Khan M. Imran Khan Waqar Azeem Khan M. K. Nayak</i> <i>Indian Journal of Physics</i> , Volume 95, Pages 717–724 Impact Factor: 1.778 Quartile: 3 Citations: 14 DOI: 10.1007/s12648-020-01728-0	2021

Prediction of Compressive Strength of Rice Husk Ash Concrete through Different Machine Learning Processes <i>Niaz Bahadur Khan Ammar Iqtidar Sardar Kashif-ur-Rehman Muhammad Faisal Javed Fahid Aslam Rayed Alyousef Hisham Alabduljabbar Amir Mosavi</i> <i>Crystals</i> , Volume 11(4), Article Number 352 Impact Factor: 2.589 Quartile: 3 Citations: 57 DOI: 10.3390/cryst11040352	2021
Dynamics of coupled reacted flow of Oldroyd-B material induced by isothermal/exothermal stretched disks with Joule heating, viscous dissipation and magnetic dipoles <i>Niaz Bahadur Khan M. Sadiq Hashmi Nargis Khan Sami Ullah Khan M. Ijaz Khan Mubbashar Nazeer Seifedine Kadry Yu-Ming Chu</i> <i>Alexandria Engineering Journal</i> , Volume 60, Issue 1, Pages 767-783 Impact Factor: 6.626 Quartile: 1 Citations: 17 DOI: https://doi.org/10.1016/j.aej.2020.10.007	2021
Non-magnetized mixed convective viscous flow submerged in titanium oxide and aluminum titanium oxide hybrid nanoparticles towards a surface of cylinder <i>Niaz Bahadur Khan Fazal Haq M. Ijaz Khan Yu-Ming Chu Seifedine Kadry</i> <i>International Communications in Heat and Mass Transfer</i> , Volume 120, Article Number 105027 Impact Factor: 6.782 Quartile: 1 Citations: 12 DOI: 10.1016/j.icheatmasstransfer.2020.105027	2021
Transportation of Marangoni convection and irregular heat source in entropy optimized dissipative flow <i>Niaz Bahadur Khan M. Ijaz Khan Sumaira Qayyum Yu-Ming Chu Seifedine Kadry</i> <i>International Communications in Heat and Mass Transfer</i> , Volume 120, January 2021, 105031 Impact Factor: 6.782 Quartile: 1 Citations: 37 DOI: 10.1016/j.icheatmasstransfer.2020.105031	2021
Thermally developed Cattaneo-Christov Maxwell nanofluid over bidirectional periodically accelerated surface with gyrotactic microorganisms and activation energy <i>Niaz Bahadur Khan Iftikhar Ahmad Samaira Aziz Sami Ullah Khan Nasir Ali M. Ijaz Khan Iskander Tlili</i> <i>Alexandria Engineering Journal</i> , Volume 59, Issue 6, Pages 4865-4878 Impact Factor: 3.732 Quartile: 1 Citations: 25 DOI: 10.1016/j.aej.2020.08.051	2020
Numerical and scale analysis of Eyring-Powell nanofluid towards a magnetized stretched Riga surface with entropy generation and internal resistance <i>Niaz Bahadur Khan Mubbashar Nazeer M. Ijaz Khan M. Usman Rafiq</i> <i>International Communications in Heat and Mass Transfer</i> , Volume 119, Article Number 104968 Impact Factor: 5.683 Quartile: 1 Citations: 70 DOI: 10.1016/j.icheatmasstransfer.2020.104968	2020
Significance of activation energy, bio-convection and magnetohydrodynamic in flow of third grade fluid (non-Newtonian) towards stretched surface: A Buongiorno model analysis <i>Niaz Bahadur Khan Yu-Ming Chu M. Ijaz Khan Seifedine Kadry Sami Ullah Khan Iskander Tlili M.K. Nayak</i> <i>International Communications in Heat and Mass Transfer</i> , Volume 118, November 2020, 104893 Impact Factor: 5.683 Quartile: 1 Citations: 114 DOI: 10.1016/j.icheatmasstransfer.2020.104893	2020
Binary chemical reaction with activation energy in rotating flow subject to nonlinear heat flux and heat source/sink <i>M. Ijaz Khan Tehreem Nasi T. Hayat Niaz Bahadur Khan A. Alsaedi</i> <i>Journal of Computational Design and Engineering</i> , Volume 7, Issue 3, Pages 279–286 Impact Factor: 5.860 Quartile: 1 Citations: 41 DOI: tps://doi.org/10.1093/jcde/qwaa023	2020
Magnetohydrodynamics (MHD) radiated nanomaterial viscous material flow by a curved surface with second order slip and entropy generation <i>Riaz Muhammad M. Ijaz Khan Niaz Bahadur Khan Mohammed Jameel</i> <i>Computer Methods and Programs in Biomedicine</i> , Volume 189, Article Number 105294 Impact Factor: 5.428 Quartile: 1 Citations: 223 DOI: https://doi.org/10.1016/j.cmpb.2019.105294	2020
Fully developed Darcy-Forchheimer mixed convective flow over a curved surface with activation energy and entropy generation	2020

Riaz Muhammad M. Ijaz Khan Mohammed Jameel Niaz Bahadur Khan
Computer Methods and Programs in Biomedicine, Volume 188, Article Number 105298
Impact Factor: 5.428 | **Quartile:** 1 | **Citations:** 191
DOI: <https://doi.org/10.1016/j.cmpb.2019.105298>

Analysis of entropy generation minimization (EGM) in flow of Ree-Eyring nanofluid between two coaxially rotating disks 2020

Niaz Bahadur Khan Muhammad Ijaz Khan Riaz Muhammad Sumaira Qayyum M. Jameel
Thermal Science, Pages 1-17
Impact Factor: 1.625 | **Quartile:** 4 | **Citations:** 6
DOI: 10.2298/TSCI190722057K

Modeling and computational analysis of hybrid class nanomaterials subject to entropy generation 2019

Niaz Bahadur Khan M. Ijaz Khan A. Alsaedi T. Hayat
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, Volume 179, Article Number UNSP 104973
Impact Factor: 3.632 | **Quartile:** 1 | **Citations:** 112
DOI: 10.1016/j.cmpb.2019.07.001

Newtonian heat and mass conditions impact in thermally radiated Maxwell nanofluid Darcy–Forchheimer flow with heat generation 2019

Niaz Bahadur Khan Muhammad Waqas M. Mudassar Gulzar Waqar Azeem Khan Muhammad Ijaz Khan
International Journal of Numerical Methods for Heat & Fluid Flow, Volume: 29, Issue: 8, Pages 2809-2821
Impact Factor: 2.871 | **Quartile:** 1 | **Citations:** 13
DOI: 10.1108/HFF-11-2018-0695

Numerical simulation of flow with large eddy simulation at Re = 3900 A study on the accuracy of statistical quantities 2019

Niaz B. Khan Zainah B. Ibrahim Mian Ashfaq Ali Mohammed Jameel Muhammad Ijaz Khan Ahad Javanmardi D.O. Oyejobi
International Journal of Numerical Methods for Heat & Fluid Flow, -
Impact Factor: 2.871 | **Quartile:** 1 | **Citations:** 12
DOI: 10.1108/HFF-11-2018-0619

On entropy generation effectiveness in flow of power law fluid with cubic autocatalytic chemical reaction 2019

Niaz Bahadur Khan M. Faisal Javed M. Waqas Riaz Muhammad Muftooh Ur Rehman M. Ijaz Khan Sajjad Wali Khan M. Tahir Hassan
Applied Nanoscience, Volume 9, Issue 5, Pages 1205–1214
Impact Factor: 2.880 | **Quartile:** 3 | **Citations:** 30
DOI: 10.1007/s13204-019-01064-8

Transport of Jeffrey nanomaterial in cubic autocatalytic chemically nonlinear radiated flow with entropy generation 2019

M. Faisal Javed M. Waqas M. Ijaz Khan Niaz Bahadur Khan Riaz Muhammad Muftooh Ur Rehman Sajjad Wali Khan M. Tahir Hassan
Applied Nanoscience, Volume 9, Issue 5, Pages 1-9
Impact Factor: 2.880 | **Quartile:** 3 | **Citations:** 17
DOI: 10.1007/s13204-019-01071-9

Physical aspects of Darcy-Forchheimer bidirectional flow in carbon nanotubes (SWCNTs and MWCNTs) 2019

Muhammad Ijaz Khan Madiha Rashid Tasawar Hayat Niaz B. Khan Ahmed Alsaedi
International Journal of Numerical Methods for Heat & Fluid Flow, Volume 29, Issue 6, Pages 2032-2056
Impact Factor: 2.871 | **Quartile:** 1 | **Citations:** 13
DOI: 10.1108/HFF-12-2018-0770

Optimization of SWCNTs and MWCNTs (single and multi-wall carbon nanotubes) in peristaltic transport with thermal radiation in a non-uniform channel 2019

Niaz Bahadur Khan M. Faisal Javed M. Imran Khan Riaz Muhammad Muftooh Ur Rehman Sajjad Wali Khan Tufail A.Khan M. Tahir Hassan
Journal of Molecular Liquids, Volume 273, Pages 383-391
Impact Factor: 5.065 | **Quartile:** 1 | **Citations:** 17
DOI: 10.1016/j.molliq.2018.09.029

Experimental and numerical study of flexural behavior of novel oil palm concrete filled steel tube exposed to elevated temperature 2018

Niaz Bahadur Khan Muhammad Faisal Javed Nor Hafizah Ramli Sulong Shazim Ali Memon Sardar Kashif-ur Rehman
Journal of Cleaner Production, Volume 205, Pages 95-114
Impact Factor: 6.395 | **Quartile:** 1 | **Citations:** 16

DOI: 10.1016/j.jclepro.2018.09.032

Investigation of tendon dynamics effects on tension leg platform response in random seas 2018

Niaz Bahadur Khan Damilola O Oyejobi Mohammed Jameel Nor Hafizah Ramli Sulong

Proceedings of the Institution of Mechanical Engineers, Part M: Journal of Engineering for the Maritime Environment, online published on 16 November 2018

Impact Factor: 1.241 | **Quartile:** 3 | **Citations:** 4

DOI: 10.1177/1475090218811718

Flexural behaviour of steel hollow sections filled with concrete that contains OPBC as coarse aggregate 2018

Niaz Bahadur Khan Muhammad Faisal Javed N.H. Ramli Sulong Shazim Ali Memon Sardar Kashif-Ur Rehman

Journal of Constructional Steel Research, Volume 148, Pages 287-294

Impact Factor: 2.65 | **Quartile:** 2 | **Citations:** 13

DOI: 10.1016/j.jcsr.2018.05.035

Seismic isolation retrofitting solution for an existing steel cable-stayed bridge 2018

Niaz Bahadur Khan Ahad Javanmardi Zainah Ibrahim Khaled Ghaedi Hamed Benisi Ghadim

PLoS ONE, NULL

Impact Factor: 2.776 | **Quartile:** 2 | **Citations:** 14

DOI: 10.1371/journal.pone.0200482

VIV study of an elastically mounted cylinder having low mass-damping ratio using RANS model 2018

Niaz Bahadur Khan Zainah Ibrahim M. Ijaz Khan T. Hayat Muhammad F. Javed

International Journal of Heat and Mass Transfer, NULL

Impact Factor: 4.346 | **Quartile:** 1 | **Citations:** 113

DOI: 10.1016/j.ijheatmasstransfer.2017.12.109

Axisymmetric flow of Casson fluid by a swirling cylinder 2018

Niaz Bahadur Khan Muhammad Faisal Javed Muhammad Imran Khan Riaz Muhammad Muftooh Ur Rehman Sajjad Wali Khan Tufail A. Khan

Results in Physics, NULL

Impact Factor: 3.042 | **Quartile:** 1 | **Citations:** 75

DOI: 10.1016/j.rinp.2018.04.015

Numerical investigation of vortexinduced vibration of an elastically mounted circular cylinder with Onedegree of freedom at high Reynolds number using different turbulent models 2018

Niaz Bahadur Khan Zainah Ibrahim

Proceedings of the Institution of Mechanical Engineers Part M-Journal of Engineering for the Maritime Environment, Pages 1-11

Impact Factor: 1.241 | **Quartile:** 3 | **Citations:** 46

DOI: 10.1177/1475090217751992

Numerical investigation of flow around cylinder at Reynolds number = 3900 with large eddy simulation technique: Effect of spanwise length and mesh resolution 2018

Niaz Bahadur Khan Zainah Ibrahim Ahmad Badarudin Bin Mohamad Badry Mohammed Jameel Muhammad Faisal Javed

Proceedings of the Institution of Mechanical Engineers Part M-Journal of Engineering for the Maritime Environment, NULL

Impact Factor: 1.241 | **Quartile:** 3 | **Citations:** 42

DOI: 10.1177/1475090217751326

FE modelling of the flexural behaviour of square and rectangular steel tubes filled with normal and high strength concrete 2017

Niaz Bahadur Khan Muhammad Faisal Javed N.H. Ramli Sulong Shazim Ali Memon Sardar Kashif Ur Rehman

Thin-Walled Structures, Volume 119, Pages 470-481

Impact Factor: 2.881 | **Quartile:** 1 | **Citations:** 68

DOI: 10.1016/j.tws.2017.06.025

Editorial Activities

Edited Journal Issue / Proceeding / Book

Impact Factor: 3.24

2021