

## 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.

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## Qualifications

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

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## Experience

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

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## Professional Memberships

<b>PEC</b>	Since 2015
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Research Projects

National Projects

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

International Projects

Research Articles

<b>Experimental Investigation of Surface Roughness Effects on Energy Harvesting from Piezoelectric Eel behind a Cylindrical Bluff Body</b>	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	
<b>Impact Factor:</b> 2.600   <b>Quartile:</b> 2	
<b>DOI:</b> 10.1371/journal.pone.0327916	
<b>Evaluation of balance and orthotic gait training techniques for rehabilitation in hemiplegic stroke patients</b>	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	
<b>Impact Factor:</b> 3.800   <b>Quartile:</b> 1	
<b>DOI:</b> <a href="https://doi.org/10.1038/s41598-025-98227-1">https://doi.org/10.1038/s41598-025-98227-1</a>	
<b>Hydrodynamic and hydro acoustic analysis of marine propeller in off design flow conditions</b>	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	
<b>Impact Factor:</b> 2.900   <b>Quartile:</b> 1	
<b>DOI:</b> <a href="https://doi.org/10.1371/journal.pone.0320435">https://doi.org/10.1371/journal.pone.0320435</a>	
<b>A Comprehensive Approach to Wind Turbine Power Curve Modeling: Addressing Outliers and Enhancing Accuracy</b>	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	
<b>Impact Factor:</b> 9.000   <b>Quartile:</b> 1   <b>Citations:</b> 6	
<b>DOI:</b> 10.1016/j.energy.2024.131981	
<b>Optimization of TIG welding parameters for enhanced mechanical properties in AISI 316L stainless steel welds</b>	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	
<b>Impact Factor:</b> 2.900   <b>Quartile:</b> 2   <b>Citations:</b> 5	
<b>DOI:</b> <a href="https://doi.org/10.1007/s00170-024-14277-1">https://doi.org/10.1007/s00170-024-14277-1</a>	
<b>Chatter detection and suppression inmachining processes: a comprehensive analysis</b>	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	
<b>Impact Factor:</b> 2.100   <b>Quartile:</b> 3   <b>Citations:</b> 10	
<b>DOI:</b> <a href="https://doi.org/10.1007/s12008-023-01716-8">https://doi.org/10.1007/s12008-023-01716-8</a>	
<b>Numerical investigation of vortex-induced vibrations (VIV) of a rotating cylinder in in-line and cross-flow directions subjected to oscillatory flow</b>	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	
<b>Impact Factor:</b> 4.600   <b>Quartile:</b> 1   <b>Citations:</b> 9	
<b>DOI:</b> <a href="https://doi.org/10.1016/j.oceaneng.2024.117917">https://doi.org/10.1016/j.oceaneng.2024.117917</a>	

<b>ExoMechHand prototype development and testing with EMG signals for hand rehabilitation</b> <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 <b>Impact Factor:</b> 2.2   <b>Quartile:</b> 3   <b>Citations:</b> 5 <b>DOI:</b> 10.1016/j.medengphy.2023.104095	2024
<b>Robust CNN architecture for classification of reach and grasp actions from neural correlates: an edge device perspective</b> <i>Hajra Sultan Haris Ijaz Muhammad Asim Waris Shafaq Mushtaq Khurram Mushtaq Niaz Bahadur Khan Mehdi Talija Jamshed Iqbal Said Ghani Khan</i> <i>Measurement Science and Technology</i> , Volume 35, Number 3, Article Number 035703 <b>Impact Factor:</b> 2.4   <b>Quartile:</b> 1   <b>Citations:</b> 2 <b>DOI:</b> 10.1088/1361-6501/ad1157	2023
<b>Deploying efficient net batch normalizations (BNs) for grading diabetic retinopathy severity levels from fundus images</b> <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 <b>Impact Factor:</b> 4.6   <b>Quartile:</b> 1   <b>Citations:</b> 6 <b>DOI:</b> 10.1038/s41598-023-41797-9	2023
<b>Effect of Zn nanoparticle-doped flux on mechanical properties of SAC305 solder joint after electromigration</b> <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, <b>Impact Factor:</b> 2.779   <b>Quartile:</b> 2   <b>Citations:</b> 5 <b>DOI:</b> 10.1007/s10854-022-09722-4	2023
<b>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</b> <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 <b>Impact Factor:</b> 6.267   <b>Quartile:</b> 1   <b>Citations:</b> 35 <b>DOI:</b> <a href="https://doi.org/10.1016/j.jmrt.2022.09.016">https://doi.org/10.1016/j.jmrt.2022.09.016</a>	2022
<b>Role of Crystallographic Orientation of <math>\beta</math>-Sn Grain on Electromigration Failures in Lead-Free Solder Joint: An Overview</b> <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 <b>Impact Factor:</b> 3.236   <b>Quartile:</b> 2   <b>Citations:</b> 7 <b>DOI:</b> <a href="https://doi.org/10.3390/coatings12111752">https://doi.org/10.3390/coatings12111752</a>	2022
<b>The Impact of Laminations on the Mechanical Strength of Carbon-Fiber Composites for Prosthetic Foot Fabrication</b> <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 <b>Impact Factor:</b> 2.670   <b>Quartile:</b> 2   <b>Citations:</b> 74 <b>DOI:</b> <a href="https://doi.org/10.3390/cryst12101429">https://doi.org/10.3390/cryst12101429</a>	2022
<b>A Training Exoskeleton for rehabilitation in Upper Extremity for Stroke Patients. Journal of Computational Biophysics and Chemistry</b> <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 <b>Impact Factor:</b> N/A   <b>Citations:</b> 1 <b>DOI:</b> <a href="https://doi.org/10.1142/S2737416523400033">https://doi.org/10.1142/S2737416523400033</a>	2022
<b>Cattaneo–Christov Double Diffusion (CCDD) on Sutterby Nanofluid with Irreversibility Analysis and Motile Microbes Due to a RIGA Plate</b> <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 <b>Impact Factor:</b> 3.523   <b>Quartile:</b> 2   <b>Citations:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.3390/mi13091497">https://doi.org/10.3390/mi13091497</a>	2022

<b>Effect of Ni and Co nanoparticle-doped flux on microstructure of SAC305 solder matrix</b> <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 <b>Impact Factor: 2.8   Quartile: 2   Citations: 16</b> <b>DOI:</b> <a href="https://doi.org/10.1007/s10854-022-08827-0">https://doi.org/10.1007/s10854-022-08827-0</a>	2022
<b>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</b> <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 <b>Impact Factor: 2.744   Quartile: 1   Citations: 9</b> <b>DOI:</b> <a href="https://doi.org/10.3390/jmse10081126">10.3390/jmse10081126</a>	2022
<b>Flexure and Shear Response of an impulsively loaded rigid-plastic beam by enhanced linear complementarity approach</b> <i>Azam Khan Moiz Tariq Asad Ullah Niaz Bahadur Khan Mohammed Jameel</i> <i>Scientific Reports</i> , Volume 12, Article Number 9893 <b>Impact Factor: 4.379   Quartile: 1   Citations: 2</b> <b>DOI:</b> <a href="https://doi.org/10.1038/s41598-022-14082-4">10.1038/s41598-022-14082-4</a>	2022
<b>A Low-Cost Device for Measurement of Exhaled Breath for the Detection of Obstructive Lung Disease</b> <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 <b>Impact Factor: 5.743   Quartile: 1   Citations: 13</b> <b>DOI:</b> <a href="https://doi.org/10.3390/bios12060409">https://doi.org/10.3390/bios12060409</a>	2022
<b>Numerical investigation of the effect of spanwise length and mesh density on flow around cylinder at Re = 3900 using LES model</b> <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 <b>Impact Factor: 3.240   Quartile: 2   Citations: 6</b> <b>DOI:</b> <a href="https://doi.org/10.1371/journal.pone.0266065">10.1371/journal.pone.0266065</a>	2022
<b>Numerical treatment of time dependent magnetohydrodynamic nanofluid flow of mass and heat transport subject to chemical reaction and heat source</b> <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 <b>Impact Factor: 6.8   Quartile: 1   Citations: 49</b> <b>DOI:</b> <a href="https://doi.org/10.1016/j.aej.2021.07.030">10.1016/j.aej.2021.07.030</a>	2022
<b>A modified Lemke Algorithm for dynamic rigid plastic response of skeletal structures</b> <i>Azam Khan Niaz Bahadur Khan Irshad Ahmad Wajid Khan Muhammad Aslam</i> <i>Computers &amp; Structures</i> , Volume 256, Article Number 106638 <b>Impact Factor: 4.578   Quartile: 1   Citations: 6</b> <b>DOI:</b> <a href="https://doi.org/10.1016/j.compstruc.2021.106638">https://doi.org/10.1016/j.compstruc.2021.106638</a>	2021
<b>Numerical Analysis of Heat Transfer and Pressure Drop in Helically Micro-Finned Tubes</b> <i>Muhammad Ammar Ali Muhammad Sajid Emad Uddin Niaz Bahadur Khan Zaib Ali</i> <i>Processes</i> , Volume 9, Article Number 754 <b>Impact Factor: 2.753   Quartile: 2   Citations: 7</b> <b>DOI:</b> <a href="https://doi.org/10.3390/pr9050754">https://doi.org/10.3390/pr9050754</a>	2021
<b>Numerical and scale analysis of non-Newtonian fluid (Eyring-Powell) through pseudo-spectral collocation method (PSCM) towards a magnetized stretchable Riga surface</b> <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 <b>Impact Factor: 6.626   Quartile: 1   Citations: 37</b> <b>DOI:</b> <a href="https://doi.org/10.1016/j.aej.2020.12.017">https://doi.org/10.1016/j.aej.2020.12.017</a>	2021
<b>Physical importance of entropy generation in fluid flow (Williamson) with nonlinear radiative heat flux</b> <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 <b>Impact Factor: 1.778   Quartile: 3   Citations: 14</b> <b>DOI:</b> <a href="https://doi.org/10.1007/s12648-020-01728-0">10.1007/s12648-020-01728-0</a>	2021

<b>Prediction of Compressive Strength of Rice Husk Ash Concrete through Different Machine Learning Processes</b> <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 <b>Impact Factor:</b> 2.589   <b>Quartile:</b> 3   <b>Citations:</b> 57 <b>DOI:</b> 10.3390/cryst11040352	2021
<b>Dynamics of coupled reacted flow of Oldroyd-B material induced by isothermal/exothermal stretched disks with Joule heating, viscous dissipation and magnetic dipoles</b> <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 <b>Impact Factor:</b> 6.626   <b>Quartile:</b> 1   <b>Citations:</b> 17 <b>DOI:</b> <a href="https://doi.org/10.1016/j.aej.2020.10.007">https://doi.org/10.1016/j.aej.2020.10.007</a>	2021
<b>Non-magnetized mixed convective viscous flow submerged in titanium oxide and aluminum titanium oxide hybrid nanoparticles towards a surface of cylinder</b> <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 <b>Impact Factor:</b> 6.782   <b>Quartile:</b> 1   <b>Citations:</b> 12 <b>DOI:</b> 10.1016/j.icheatmasstransfer.2020.105027	2021
<b>Transportation of Marangoni convection and irregular heat source in entropy optimized dissipative flow</b> <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 <b>Impact Factor:</b> 6.782   <b>Quartile:</b> 1   <b>Citations:</b> 37 <b>DOI:</b> 10.1016/j.icheatmasstransfer.2020.105031	2021
<b>Thermally developed Cattaneo-Christov Maxwell nanofluid over bidirectional periodically accelerated surface with gyrotactic microorganisms and activation energy</b> <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 <b>Impact Factor:</b> 3.732   <b>Quartile:</b> 1   <b>Citations:</b> 25 <b>DOI:</b> 10.1016/j.aej.2020.08.051	2020
<b>Numerical and scale analysis of Eyring-Powell nanofluid towards a magnetized stretched Riga surface with entropy generation and internal resistance</b> <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 <b>Impact Factor:</b> 5.683   <b>Quartile:</b> 1   <b>Citations:</b> 70 <b>DOI:</b> 10.1016/j.icheatmasstransfer.2020.104968	2020
<b>Significance of activation energy, bio-convection and magnetohydrodynamic in flow of third grade fluid (non-Newtonian) towards stretched surface: A Buongiorno model analysis</b> <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 <b>Impact Factor:</b> 5.683   <b>Quartile:</b> 1   <b>Citations:</b> 114 <b>DOI:</b> 10.1016/j.icheatmasstransfer.2020.104893	2020
<b>Magnetohydrodynamics (MHD) radiated nanomaterial viscous material flow by a curved surface with second order slip and entropy generation</b> <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 <b>Impact Factor:</b> 5.428   <b>Quartile:</b> 1   <b>Citations:</b> 223 <b>DOI:</b> <a href="https://doi.org/10.1016/j.cmpb.2019.105294">https://doi.org/10.1016/j.cmpb.2019.105294</a>	2020
<b>Binary chemical reaction with activation energy in rotating flow subject to nonlinear heat flux and heat source/sink</b> <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 <b>Impact Factor:</b> 5.860   <b>Quartile:</b> 1   <b>Citations:</b> 41 <b>DOI:</b> <a href="https://doi.org/10.1093/jcde/qwaa023">tps://doi.org/10.1093/jcde/qwaa023</a>	2020
<b>Fully developed Darcy-Forchheimer mixed convective flow over a curved surface with activation energy and entropy generation</b>	2020

<p>Riaz Muhammad M. Ijaz Khan Mohammed Jameel Niaz Bahadur Khan  <i>Computer Methods and Programs in Biomedicine</i>, Volume 188, Article Number 105298</p> <p><b>Impact Factor:</b> 5.428   <b>Quartile:</b> 1   <b>Citations:</b> 191  <b>DOI:</b> <a href="https://doi.org/10.1016/j.cmpb.2019.105298">https://doi.org/10.1016/j.cmpb.2019.105298</a></p>	
<p><b>Analysis of entropy generation minimization (EGM) in flow of Ree-Eyring nanofluid between two coaxially rotating disks</b></p> <p>Niaz Bahadur Khan Muhammad Ijaz Khan Riaz Muhammad Sumaira Qayyum M. Jameel  <i>Thermal Science</i>, Pages 1-17</p> <p><b>Impact Factor:</b> 1.625   <b>Quartile:</b> 4   <b>Citations:</b> 6  <b>DOI:</b> 10.2298/TSCI190722057K</p>	2020
<p><b>Modeling and computational analysis of hybrid class nanomaterials subject to entropy generation</b></p> <p>Niaz Bahadur Khan M. Ijaz Khan A. Alsaedi T. Hayat  <i>COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE</i>, Volume 179, Article Number UNSP 104973</p> <p><b>Impact Factor:</b> 3.632   <b>Quartile:</b> 1   <b>Citations:</b> 112  <b>DOI:</b> 10.1016/j.cmpb.2019.07.001</p>	2019
<p><b>Newtonian heat and mass conditions impact in thermally radiated Maxwell nanofluid Darcy–Forchheimer flow with heat generation</b></p> <p>Niaz Bahadur Khan Muhammad Waqas M. Mudassar Gulzar Waqar Azeem Khan Muhammad Ijaz Khan  <i>International Journal of Numerical Methods for Heat &amp; Fluid Flow</i>, Volume: 29, Issue: 8, Pages 2809-2821</p> <p><b>Impact Factor:</b> 2.871   <b>Quartile:</b> 1   <b>Citations:</b> 13  <b>DOI:</b> 10.1108/HFF-11-2018-0695</p>	2019
<p><b>Numerical simulation of flow with large eddy simulation at Re = 3900 A study on the accuracy of statistical quantities</b></p> <p>Niaz B. Khan Zainah B. Ibrahim Mian Ashfaq Ali Mohammed Jameel Muhammad Ijaz Khan Ahad Javanmardi D.O. Oyejobi  <i>International Journal of Numerical Methods for Heat &amp; Fluid Flow</i>, -</p> <p><b>Impact Factor:</b> 2.871   <b>Quartile:</b> 1   <b>Citations:</b> 12  <b>DOI:</b> 10.1108/HFF-11-2018-0619</p>	2019
<p><b>On entropy generation effectiveness in flow of power law fluid with cubic autocatalytic chemical reaction</b></p> <p>Niaz Bahadur Khan M. Faisal Javed M. Waqas Riaz Muhammad Muftooh Ur Rehman M. Ijaz Khan Sajjad Wali Khan M. Tahir Hassan  <i>Applied Nanoscience</i>, Volume 9, Issue 5, Pages 1205–1214</p> <p><b>Impact Factor:</b> 2.880   <b>Quartile:</b> 3   <b>Citations:</b> 30  <b>DOI:</b> 10.1007/s13204-019-01064-8</p>	2019
<p><b>Transport of Jeffrey nanomaterial in cubic autocatalytic chemically nonlinear radiated flow with entropy generation</b></p> <p>M. Faisal Javed M. Waqas M. Ijaz Khan Niaz Bahadur Khan Riaz Muhammad Muftooh Ur Rehman Sajjad Wali Khan M. Tahir Hassan  <i>Applied Nanoscience</i>, Volume 9, Issue 5, Pages 1-9</p> <p><b>Impact Factor:</b> 2.880   <b>Quartile:</b> 3   <b>Citations:</b> 17  <b>DOI:</b> 10.1007/s13204-019-01071-9</p>	2019
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<p><b>Experimental and numerical study of flexural behavior of novel oil palm concrete filled steel tube exposed to elevated temperature</b></p> <p>Niaz Bahadur Khan Muhammad Faisal Javed Nor Hafizah Ramli Sulong Shazim Ali Memon Sardar Kashif-ur Rehman  <i>Journal of Cleaner Production</i>, Volume 205, Pages 95-114</p> <p><b>Impact Factor:</b> 6.395   <b>Quartile:</b> 1   <b>Citations:</b> 16</p>	2018

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

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## Editorial Activities

Edited Journal Issue / Proceeding / Book

**Impact Factor:** 3.24

2021