

Basit Suhaib

Personal Information

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Postal Address: Osama Street # 7, Near Aslam Marwat Hospital,
Madni Colony, Kamra Road, Attock City

Position

Ph.D. Scholar (Comsats University Islamabad), Attock Campus

Education

Sep 2022 - Ongoing	Doctor of Philosophy in Mathematics (Distinction in Course Work) Comsats University Islamabad Attock, Pakistan
Sep 2016 - July 2019	Master of Science in Mathematics (GOLD MEDALIST) National College of Business Administration and Economics - Lahore Sargodha Pakistan Thesis: Hermite-Hadamard Type Inequalities for (α, m) -Convex Functions and its Applications to Special Means
Feb 2012 - Mar 2014	Master of Mathematics Comsats Institute of Information Technology Attock, Pakistan
Jan 2007 - Dec 2008	B.Sc (Maritime Studies) University of Karachi Karachi, Pakistan
Mar 2004 - Mar 2006	Intermediate (Engineering) Army Public School and College Attock, Pakistan
Mar 2002 - Feb 2004	Matriculation (Sciences) Fauji Foundation Model School Attock, Pakistan

Recognitions and Rewards

PhD (Mathematics): Distinction – In Progress
Laptop Granted (PM youth Scheme)
Ms (Mathematics): Distinction

Work Experience

R&A Section CTD Headquarter Lahore (June 2019 – July 2021)
CVE Section CTD Headquarter Lahore (August 2021 – July 2022)
CDR Section CTD Headquarter Lahore (April 2026 -- Ongoing)

Research Publications

Published:

1. Peristaltic Rheology of Nanomaterial in a Porous Channel under Thermal Radiation and Variable Heat Source: An Artificial Neural Network Framework (**Chaos, Solitons and Fractals** – Impact Factor - **5.6**)
2. ABM-BR-NNs: A Novel Design of Adam Bashforth Moulton Informatics Driven Bayesian Regularized neural networks for Peristaltic Flow of Tangent Hyperbolic tri-hybrid Nanofluid in a Porous Sinuous Channel with Hall Current and Radiative Effects (**International Journal of Thermophysics** – Impact Factor – **2.9**)

Under Review:

1. BRANNs: Design of Bayesian Regularized Artificial Neural Network for Thermal Analysis of Magnetized Blood-based Penta-Hybrid Nanofluid in Tapering Peristaltic Channel (**International Journal of Numerical Methods for Heat and Fluid Flow** – Impact Factor – **5.1**)
2. BRBP-ANN: Neural Network Backpropagated with Bayesian Regularization knowledge Driven Machine Learning for MHD Peristaltic Transport of Blood-Based Hybrid Nanofluid in Curvilinear Channel with Magnetic and Radiative Thermophysics Analysis (**Heat and Mass Transfer** – Impact Factor – **2.0**)

Submitted:

1. ANN-BRT- MCPWF: Design of Bayesian Regularized Artificial Neural Networks for Mixed Convective Peristaltic Flow of Williamson MHD fluid Model with Entropy Analysis (**Journal of Thermal Analysis and Calorimetry** – Impact Factor – **3.1**)
2. Nonlinear Mixed Convective Reiner–Rivlin Fluid Flow under MHD Effects with Cattaneo-Christov Heat and Mass Flux: An OHAM and ANN-Based Analysis (**International Journal of Heat and Mass Transfer** – Impact Factor – **5.8**)

3. Identifying Award-Winning Researchers Through Sustained Impact Metrics and Explainable AI: A Bibliometric Study of Mathematicians (**Journal of Big Data** – Impact Factor – **6.4**)

Domain Specialization and skills

Core Concept

Viscous Fluid, Fluid Mechanics, Numerical Solution of ODE's, and Optimization Theory,

Development Tools

Matlab, Mathematica, Lattice, WinEdit, and Scientific Work Place