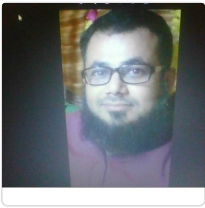# Khalid Saeed

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About

Dr. Khalid Saeed is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Khalid Saeed has a PhD in Mathematics. Dr. Khalid Saeed has published 13 research articles & conference papers having a citation count of 154, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mathematics   2019 - 2023
  COMSATS Institute of Information Technology , Pakistan

MPhil in Mathematics   2007 - 2010
  NUST, Islamabad , Pakistan

BS in Mathematics   2003 - 2007
  COMSATS Institute of Information Technology , Pakistan

Experience

Defence Faculty   2023- Present
  College of Aeronautical Engineering

Defence Faculty   2022 - 2023
  College of Aeronautical Engineering

Defence Faculty   2019 - 2022
  College of Aeronautical Engineering

Defence Faculty   2017 - 2019
  College of Aeronautical Engineering

Research Articles

Interaction of induced magnetic field, double diffusion convection and multiple slips for thermal radiative biological flow of six-constant Jeffreys nanofluid: Advancements in mechanics   2025

  Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Malik Mushrifah A.S. Al-Malki

  Separation Science and Technology , Volume 60, Issue 2, Pages 316-339

  Impact Factor: 2.400 | **Quartile:** 3 | **Citations:** 3
  DOI: 10.1080/01496395.2024.2434523

Magnetized peristaltic flow of Sisko nanofluid under thermal radiation and double-diffusive convection with viscous dissipation and slip effects in an asymmetric channel   2025

  Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Malik Emad E. Mahmoud

  Particulate Science and Technology , Volume 43, Issue 2, Pages 229-246

  Impact Factor: 2.300 | **Quartile:** 3
  DOI: https://doi.org/10.1080/02726351.2025.2450410

Enhancing retention of biological fluid transport of magnetized thermal radiative pseudoplastic nanofluid with double diffusion convection, viscous dissipation and boundary slips   2024

  Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Mushrifah A. S. Al-Malki

  Particulate Science and Technology , Pages: 14

  Impact Factor: 2.3 | **Quartile:** 3 | **Citations:** 6
  DOI: https://doi.org/10.1080/02726351.2024.2412654

Numerical analysis on theoretical model of magneto-Williamson nanofluid in relation to viscous dissipation, double-diffusion convection, thermal radiation and multiple slip boundaries   2024

  Sardar Bilal Safia Akram Maria Athar Khalid Saeed Alia Razia Arshad Riaz

Dissipative and Multiple Slips on Thermally Radiative Biological Fluid of Magneto-Six-Constant Jeffrey Nanofluid with Double Diffusion Convection: A Numerical Investigation 2024

Sardar Bilal Safia Akram Maria Athar Khalid Saeed Arshad Riaz Alia Razia

Numerical simulation of double diffusion convection in a six-constant Jeffrey nanofluid with an inclined magnetic field and viscous dissipation: Multiple slips and thermal radiation analysis with peristalsis 2024

Safia Akram Maria Athar Khalid Saeed Arshad Riaz Alia Razia Ghaliah Alhamzi

A computational simulation for peristaltic flow of thermally radiative sisko nanofluid with viscous dissipation, double diffusion convection and induced magnetic field 2024

Sardar Bilal Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia

Impact of multiple slips on thermally radiative peristaltic transport of Sisko nanofluid with double diffusion convection, viscous dissipation, and induced magnetic field 2024

Humaira Yasmin Safia Akram Maria Athar Khalid Saeed Alia Razia J. G. Al-Juaid

Mechanism of Thermally Radiative Prandtl Nanofluids and Double-Diffusive Convection in Tapered Channel on Peristaltic Flow with Viscous Dissipation and Induced Magnetic Field 2024

Yasir Khan Safia Akram Maria Athar Khalid Saeed Alia Razia A. Alameer

Role of thermal radiation and double-diffusivity convection on peristaltic flow of induced magneto-Prandtl nanofluid with viscous dissipation and slip boundaries 2023

Safia Akram Maria Athar Khalid Saeed Alia Razia Taseer Muhammad

Influence of an induced magnetic field on double diffusion convection for peristaltic flow of thermally radiative Prandtl nanofluid in non-uniform channel Author links open overlay panel 2023

Safia Akram Maria Athar Khalid Saeed Alia Razia

Convection theory on thermally radiative peristaltic flow of Prandtl tilted magneto nanofluid in an asymmetric channel with effects of partial slip and viscous dissipation 2023

Safia Akram Khalid Saeed Maria Athar Alia Razia Anwar Hussain Iram Naz

Influence of polymers on flow and heat transfer due to peristaltic waves: a molecular approach 2022

Khalid Saeed Adeel Ahmad Junaid Anjum Maria Athar