

Hina Munir Dutt

Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Hina Munir Dutt is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Hina Munir Dutt has a PhD in Differential Equations. Dr. Hina Munir Dutt has published 9 research articles & conference papers having a citation count of 29, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Differential Equations NUST, Islamabad , Pakistan	2010 - 2016
MSc in Mathematics Quaid-i-Azam University , Pakistan. (Duplicate)	2003 - 2005
BSc in Mathematics Azad Jammu and Kashmir University , Pakistan. (Duplicate)	2000 - 2002

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2021- Present
Assistant Professor School of Electrical Engineering and Computer Science	2016 - 2021

Awards

NUST Mega S & T Scholarsh	2008
God Medal God Medal awarded by BISE Mirpur AK for acquiring first position in pre-engineering group girls in FSc.	
Bronze medal Bronze Medal awarded by BISE Mirpur AK for acquiring third position in science group girls in matric.	
Star Girl 2000 award Star girl 2000 awarded by South Asia Publication.	

- Comparative analysis of analytical and numerical approximations for the flow and heat transfer in mixed convection stagnation point flow of Casson fluid** 2023
M. Tanzeel-ur-Rehman Siddiqi Muhammad Safdar Hina Muneer Dutt Safia Taj M. Ijaz Khan Barno Sayfutdinovna Abdullaeva Reem Altujiri Ahmed M. Hassan
Results in Physics, Volume 52, Article Number 106819
Impact Factor: 5.3 | **Quartile:** 1 | **Citations:** 3
DOI: <https://doi.org/10.1016/j.rinp.2023.106819>
- Investigating the Impact of Fractional Non-Linearity in the Klein–Fock–Gordon Equation on Quantum Dynamics** 2023
Saima Noor Azzh Saad Alshehry Noufe H. Aljahdaly Hina Munir Dutt Imran Khan Rasool Shah
Symmetry, Volume 15(4), Article Number 881
Impact Factor: 2.940 | **Quartile:** 2 | **Citations:** 5
DOI: <https://doi.org/10.3390/sym15040881>
- Investigating the Dynamics of Time-Fractional Drinfeld–Sokolov–Wilson System through Analytical Solutions** 2023
Hina Munir Dutt Saima Noor Azzh Saad Alshehry Robina Nazir Asfandiyar Khan Rasool Shah
Symmetry, Volume 15(3), Article Number 703
Impact Factor: 2.940 | **Quartile:** 2 | **Citations:** 5
DOI: <https://doi.org/10.3390/sym15030703>
- The Analysis of Fractional-Order System Delay Differential Equations Using a Numerical Method** 2022
Pongsakorn Sunthrayuth Fazal Ghani Mohammad Asif Arefin Hina Munir Dutt
Complexity, Volume 2022, Article ID 3570667, 9 pages
Impact Factor: 2.833 | **Quartile:** 2 | **Citations:** 4
DOI: <https://doi.org/10.1155/2022/3570667>
- Novel Evaluation of Fuzzy Fractional Cauchy Reaction-Diffusion Equation** 2022
Hina Munir Dutt Nehad Ali Shah Essam R. El-Zahar Mohammad Asif Arefin
Journal of Function Spaces, Volume 2022, Article ID 6499384, 10 pages
Impact Factor: 1.807 | **Quartile:** 1
DOI: <https://doi.org/10.1155/2022/6499384>
- Linearization criteria for two-dimensional systems of third-order ordinary differential equations by complex approach** 2019
Muhammad Safdar Asghar Qadir Hina Munir Dutt
Arabian Journal of Mathematics, Volume 8, Issue 3, Pages 163-170, Part 1
Impact Factor: N/A | **Citations:** 6
DOI: [10.1007/s40065-019-0238-8](https://doi.org/10.1007/s40065-019-0238-8)
- Classification of scalar third order ordinary differential equations linearizable via generalized contact transformations** 2017
Hina Munir Dutt Asghar Qadir
Quaestiones Mathematicae, Volume: 41, Issue: 01, Pages:15-26
Impact Factor: 0.428 | **Quartile:** 4 | **Citations:** 1
DOI: [10.2989/16073606.2017.1369194](https://doi.org/10.2989/16073606.2017.1369194)
- Linearization of Two Dimensional Complex-Linearizable Systems of Second Order Ordinary Differential Equations** 2015
Hina Munir Dutt Muhammad Safdar
Applied Mathematical Sciences, Volume 9, No. 58, Pages 2889-2900
Impact Factor: 0 | **Citations:** 2
DOI: [10.12988/ams.2015.4121002](https://doi.org/10.12988/ams.2015.4121002)
- Reduction of fourth order ordinary differential equations to second and third order Lie linearizable forms** 2014
Hina Munir Dutt Asghar Qadir
Communications in Nonlinear Science and Numerical Simulation, Volume 19, Issue 8, Pages 2653-2659
Impact Factor: 2.866 | **Quartile:** 1 | **Citations:** 3
DOI: [10.1016/j.cnsns.2013.12.031](https://doi.org/10.1016/j.cnsns.2013.12.031)

Editorial Activities

Journal of Mathematics Reviewed Papers for Journals Impact Factor: N/A	2024
Heliyon Reviewed Papers for Journals Impact Factor: 4.0	2023