

# Hina Munir Dutt

Assistant Professor

School of Electrical Engineering and Computer Science

**Email:** hina.dutt@seecs.edu.pk

**Contact:** 303597922

**LinkedIn:** hinadutt@yahoo.com



---

## 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

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

## Experience

<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2021- Present
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2016 - 2021

## Awards

<b>NUST Mega S &amp; T Scholarsh</b>	2008
<b>God Medal</b> God Medal awarded by BISE Mirpur AK for acquiring first position in pre-engineering group girls in FSc.	
<b>Bronze medal</b> Bronze Medal awarded by BISE Mirpur AK for acquiring third position in science group girls in matric.	
<b>Star Girl 2000 award</b> 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

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