

Samreen Sheriff

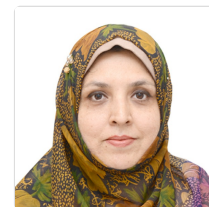
Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Samreen Sheriff is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Samreen Sheriff has a PhD in Fluid Dynamics. Dr. Samreen Sheriff has published 9 research articles & conference papers having a citation count of 66, carried out 0 projects and filed 0 intellectual property.

Qualifications

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| PhD in Fluid Dynamics Riphah International Univeristy , Pakistan | 2015 - 2021 |
| MPhil in Applied Mathematics NUST, Islamabad , Pakistan | 2007 - 2010 |
| MSc in Applied Mathematics University of Karachi , Pakistan | 2003 - 2003 |
| B.Sc (Hon) in Math, Stat & Physics University of Karachi , Pakistan | 1999 - 2002 |
| F.Sc in Science FBISE, Islamabad , Pakistan | 1997 - 1998 |
| Matric (SSC) in Science Sindh Board of Technical Education, Karachi , Pakistan | 1995 - 1996 |

Experience

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| Assistant Professor College of Electrical & Mechanical Engineering | 2021- Present |
| Assistant Professor College of Electrical & Mechanical Engineering | 2014 - 2021 |
| Lecturer College of Electrical & Mechanical Engineering | 2011 - 2014 |
| Demonstrator College of Electrical & Mechanical Engineering | 2011 - 2011 |
| Demonstrator College of Electrical & Mechanical Engineering | 2006 - 2011 |
| TVF College of E&ME, (NUST) , DBS&H,College of E&ME, (NUST),Peshawar road, Near Golda mod | 2005 - 2006 |
| RA/ Instructor Air University , E-9 Sector | 2004 - 2005 |
| Instructor 4 Dots Academy , Four Dots Academy, Malir Cantt, Karachi. | 2002 - 2002 |

Awards

- Heat transport performance of hydromagnetic hybrid nanofluid under the slip regime** 2022
Samreen Sheriff Shakeel Ahmad Ayesha Anjum Muhammad Farooq Saira Saleem
Ricerche di Matematica, Pages 1-15
Impact Factor: 1.034 | **Quartile:** 2 | **Citations:** 1
DOI: 10.1007/s11587-022-00690-9
- Analysis of hydromagnetically modulated multiple slips motion of hybrid-nanofluid through a converging/diverging moving channel** 2021
Shakeel Ahmad Samreen Sheriff Ayesha Anjum Muhammad Farooq
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, Volume 236, Issue 4, Pages 1377-1391
Impact Factor: 1.620 | **Quartile:** 3 | **Citations:** 12
DOI: 10.1177/09544089211062365
- Irreversibility effects in peristaltic transport of hybrid nanomaterial in the presence of heat absorption** 2021
Samreen Sheriff S. Ahmad N. A. Mir
Scientific Reports, Volume 11, Article Number 19697
Impact Factor: 4.379 | **Quartile:** 1 | **Citations:** 9
DOI: 10.1038/s41598-021-98678-2
- Characteristics of Modified Diffusion Analysis of Squeezed Hydro-magnetic Nanofluid Flow** 2021
S. Ahmad Samreen Sheriff M. Farooq
Journal of Magnetism, Volume 26(3), Pages 347-355
Impact Factor: 0.514 | **Quartile:** 4 | **Citations:** 7
DOI: <https://doi.org/10.4283/JMAG.2021.26.3.347>
- Porosity and dissipative effects in Peristalsis of hydro-magneto nanomaterial: Application of biomedical treatment** 2021
Samreen Sheriff Nazir Ahmad Mir Shakeel Ahmed Naila Rafiq
Advances in Mechanical Engineering, Volume 13 (4), Pages 1-13
Impact Factor: 1.566 | **Quartile:** 4 | **Citations:** 3
DOI: <https://doi.org/10.1177/16878140211011890>
- Numerical analysis of heat source/sink on peristalsis of MHD carbon-water nanofluid in symmetric channel with permeable space** 2020
Samreen Sheriff Nazir Ahmad Mir Shakeel Ahmad
Advances in Mechanical Engineering, Volume 12(10), Pages 1-9
Impact Factor: 1.316 | **Quartile:** 4 | **Citations:** 4
DOI: <https://doi.org/10.1177/1687814020967181>
- Investigation of Convective Heat and Mass Conditions in Squeeze Flow of a Hydro-magnetic Sutterby Fluid** 2019
Shakeel Ahmed Muhammad Farooq Aisha Anjum Samreen Sheriff
Journal of Magnetism, Volume 24(4), Pages 688-697
Impact Factor: 0.480 | **Quartile:** 4 | **Citations:** 4
DOI: <https://doi.org/10.4283/JMAG.2019.24.4.688>
- Heat and peristaltic propagation of water based nanoparticles with variable fluid features** 2019
Samreen Sheriff Hina Sadaf Noreen Sher Akbar Nazir Ahmad Mir
Physica Scripta, Volume 94, Number 12
Impact Factor: 1.985 | **Quartile:** 2 | **Citations:** 17
DOI: 10.1088/1402-4896/ab3316
- Slip analysis with thermally developed peristaltic motion of nanoparticles under the influence of variable viscosity in vertical configuration** 2019
Samreen Sheriff Dr Hina Sadaf Dr Noreen Sher Akbar Dr Nazir Ahmad Mir
The European Physical Journal Plus, Volume 134, Issue 8, Article Number 408
Impact Factor: 3.228 | **Quartile:** 1 | **Citations:** 9
DOI: 10.1140/epjp/i2019-12766-y

Editorial Activities

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| Multiscale And Multidisciplinary Modeling Experiments Reviewed Papers for Journals Impact Factor: 2 | 2025 |
| Boundary Value Problems Reviewed Papers for Journals Impact Factor: 1.7 | 2025 |
| ZAMM-Zeitschrift fur Angewandte Mathematik und Mechanik Reviewed Papers for Journals Impact Factor: 2.3 | 2023 |
| Advances in Mechanical Engineering Reviewed Papers for Journals Impact Factor: 1.161 | 2022 |
| Reviewed Papers for Journals Impact Factor: 1.94 | 2021 |
| Reviewed Papers for Journals | 2021 |