Zahoor Ahmad

Nationality: Pakistani **Date of birth:** 07/05/1996 **Gender:** Male

📞**Phone number:** (+92) 3460236633

✉**Email address:** zahoorjojo69@gmail.com

in**LinkedIn:** https://www.linkedin.com/in/zahoor-ahmad-9892031b5

⭕**GitHub:** https://zahoorahmad69.github.io

📍**Home:** P/O Nari Janubi Tehsil: Taunsa Sharif District: Dera Ghazi Khan, (Pakistan)

ABOUT MYSELF

PhD Scholar in Mathematics at Bahauddin Zakariya University, Multan, specializing in biofluid flow in non-uniform channels. Proficient in Artificial Neural Networks (ANN), computational modeling, and advanced numerical methods for analyzing complex fluid dynamics phenomena. Experienced in MATLAB, Python, and COMSOL Multiphysics, with a strong focus on simulation, modeling, and data-driven approaches to solve real-world engineering and biomedical flow problems. Committed to integrating rigorous mathematical insight with research-oriented learning and effective scientific communication.

EDUCATION AND TRAINING

DOCTOR OF PHILOSOPHY (PH.D) in Mathematics

Bahauddin Zakariya University Multan [2022 – In Progress]

City: Multan | **Country:** Pakistan | **Website:** https://www.bzu.edu.pk/ | **CGPA** (Cource Work)**:** 3.29/4.00

Master of philosophy (M.Phill) in Mathematics: (18 year Education)

Institute of Southern Punjab, Multan [2018 – 2021]

City: Multan | **Country:** Pakistan | **Website:** https://www.isp.edu.pk/ | **CGPA:** 3.29/4.00

Thesis: *Influence of Suction/Injection on MHD Nano fluid flow in parallel plate channels*

Master (M.Sc) in Mathematics: (16 year Education)

Government College University Faisal Abad (Layyah Campus) [2016 – 2018]

City: Layyah | **Country:** Pakistan | **Website:** https://www.gcuf.edu.pk/ | **CGPA:** 3.69/4.00 | **Thesis:** *Some Derivative free iterative methods*

Bachelor (B.Sc) in Mathematics Physics: (14 year Education)

Bahauddin Zakariya University Multan [2014 – 2016]

City: Multan | **Country:** Pakistan | **Website:** https://www.bzu.edu.pk/ | **Final grade:** 450/800

Higher secondary school Certificate: (12 year Education)

Government Post Graduate college Taunsa Sharif [2012 – 2014]

Country: Pakistan | **Final grade:** 662/1100

secondary school Certificate: (10 year Education)

Government High School, Douna [2010 – 2012]

Country: Pakistan | **Final grade:** 799/1050

CONFERENCEs AND SEMINARs

- 1st BZU International Workshop on Artificial Intelligence and Its Applications, BZU Multan, January 2024

- Workshop on Outcome-Based Education in Science (Online), BZU, October 2024

- Seminar on Importance of Mathematical Modeling for Industrial Development, BZU Multan, November 2022

- Seminar on Learning Mathematics: Roadmap of Success in Life, BZU Multan, November 2022

WORK EXPERIENCE

Lecturer (Visiting) of Mathematics
Government post graduate college Taunsa Sharif [May 2021 – Present]

City: Taunsa Sharif | **Country:** Pakistan

Part –Time Mathematics Teacher
Bright superior Academy Taunsa Sharif [September 2019 – November 2021]

Country: Pakistan

RESEARCH INTEREST

- Computational Fluid Dynamics (CFD)
- Magnetohydrodynamics (MHD)
- Nanofluid Flow and Heat & Mass Transfer
- Artificial Neural Networks (ANN)
- Physics-Informed Neural Networks (PINNs)
- Partial Differential Equations
- COMSOL Multiphysics Simulation

HONOR AND ACHIEVEMENTs:

Registered with Higher education commission (HEC), Pakistan. cvx

CERTIFICATION and ONLINE COURSES:

Course Name	Instructor	Completion Date
How to identify research gaps	Suzanne BeDell and Laura Hassink	27 September 2024
Leveraging journal citation Reports to Boost Research Impact	Anas N Obaid	18 October 2024
Author Workshop -Essential of writing a research article for high impact journal	Laura Hassink	22 October 2024
Physics Informed Neural Networks (PINN's)	Dr. Muhammad Samara	25 December 2024
Computational Fluid Mechanics-Airflow Around a spoiler	Jousaf Murad	28 January 2025
Artificial Neural Network and Machine Learning using MATLAB	Nastaran Reza Nazar Zadeh	24 June 2025
CFD simulation in COMSOL Multiphysics Simulation software	Bibhaatsu Kuiri	4 July 2025

DIGITAL SKILLs

LaTex / MATLAB / COMSOL Multyphysics / Microsoft Excel / Microsoft Powerpoint / Microsoft Word / Zoom.

LANGUAGE SKILLs

- English (Professional Working Proficiency)
- Urdu (Native)

RECOMMENDATIONs

Name: Dr. shahzad Ahmad | Assistant Professor (Research Supervisor)

Centre for Advanced Studies in Pure and Applied Mathematics (CASPAM), Bahauddin Zakariya University, Multan

Email: shahzadahmad@bzu.edu.pk | **Phone number:** (+92) 3006326615

Link: https://profiles.bzu.edu.pk/shahzadahmad

Name: Dr. Abuzar Abid Siddiqui | Associate Professor

Head Department of Basic Sciences and Humanities, Bahauddin Zakariya University, Multan

Email: abuzarabid@bzu.edu.pk | **Phone number:** (+92) 3007186817

Link: https://profiles.bzu.edu.pk/abuzarabidsiddiqui