

CURRICULUM VITAE

Dr. Muhammad Aamir Javed
Assistant Professor
Department of Mathematics
Government College University
Lahore Pakistan



PERSONAL PROFILE:

Name:	Dr. Muhammad Aamir Javed
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Religion:	Islam
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EDUCATION:

2014-2020	<u>Ph.D. (Doctor of Philosophy) in Mathematics</u> University of the Punjab, Pakistan. Department of Mathematics Thesis: Properties of circuits in coset diagrams by modular group
2012-2014	<u>M.Phil. (Master of Philosophy) in Pure Mathematics</u> University of the Punjab, Pakistan. Department of Mathematics Thesis: Characterization of Circuits of Different Lengths in Coset Diagram.
2008-2010	<u>M.Sc. (Master of Science) in Mathematics</u> University of the Punjab, Pakistan. Department of Mathematics Major: Computational Mathematics.

FIELD OF INTEREST:

Fuzzy Logic, Multi-criteria decision making, Modular Group Action, Group Theory, Number Theory, Combinatorics

PROFESSIONAL EXPERIENCE:

2021- to date	<u>Assistant Professor</u> Department of Mathematics Government College University Lahore, Pakistan
2016-to 2021	<u>Lecturer in Mathematics</u> Department of Mathematics Government College University Lahore, Pakistan.

PRESENT POSITIONS:

- Faculty Member, Department of Mathematics, Government College University Lahore, Pakistan.
- Member, Board of Studies in Mathematics, Department of Mathematics, Government College University Lahore, Pakistan.
- Coordinator Intermediate Studies, Department of Mathematics, Government College University, Lahore, Pakistan.
- Assistant Controller of Examinations, Department of Mathematics, Government College University Lahore, Pakistan.

WORKSHOPS AND CONFERENCES:

1. Attended Departmental Seminar Series, Department of Mathematics, University of the Punjab Lahore, Pakistan, September 2014-2020.
2. Attended International Workshop on Discrete Structures, National University of Science and Technology, Islamabad, March, 2014.
3. Attended CASM Workshop in Recent Advances in Commutative Algebra and Algebraic Geometry, LUMS University Lahore, March 2014.
4. Attended International Conference on Relativistic Astrophysics, University of the Punjab, Lahore, Pakistan, 2015.
5. Presented paper in 1st UMT International Conference on Pure and Applied Sciences, University of Management and Technology, Lahore, Pakistan, March, 2016.
6. Attended One Day Workshop on Soft Set Theory and Its Applications, Department of Mathematics, Government College University Lahore, Pakistan, 23rd May 2017.
7. Organized the International Conference on Mathematics and Its Applications, Department of Mathematics, Government College University Lahore, Pakistan, November, 2017.
8. Attended the talk on Fixed Point Theory and its Applications by Dr. Safeer Hussain from Doha University, Government College University Lahore, Pakistan, July, 2017.
9. Attended Unpacking Mathematics: Weekly Lecture Series in Department of Mathematics, Government College University Lahore, Pakistan, 2017.
10. Organized the International Conference on Mathematics and Its Applications, Department of Mathematics, Government College University Lahore, Pakistan, November, 2018.
11. Attended the Workshop on Solitons and Its Applications, Department of Mathematics, Government College University Lahore, Pakistan, 2019.
12. Attended one day International Workshop on Algebra Analysis and their Applications, Department of Mathematics, Government College University Lahore, Pakistan, December, 2019.
13. Attended one day workshop on Latest Trends in Computational Mathematics and its Applications, ASSMS Lahore, July 29,2021.
14. Attended International Workshop on Combinatorial Image Analysis 2022 (IWCIA 2022), Messina (Italy), 13-15 July 2022.(Online)
15. Attended one day training workshop on “Citation and Literature Management using Mendeley Software” held on October 24,2022 at GCU Lahore.
16. Attended one day seminar on “Intellectual Property Rights (IPRs)” held on September 22, 2022 organized by ORIC GCU Lahore.
17. Attended “Teachers Training on Inclusive Education and Implementation of HEC Policy for Students with Disability” on 17th and 18th August 2022 at Meeting rooms GCU Lahore.
18. Attended “ Entrepreneurial Teacher/Coach Training Program” from 24th to 26th July 2023, organized by Management Studies Department GC University Lahore.
19. Attended three day training on “ Advancing teaching excellence Strategies for effective Higher education instruction and professional development” from 22-08-23 to 24-08-23 organized by PHEC Punjab.
20. Attended “Refresher Courses for MS/MPhil & PhD Research Supervisors” by HEC on 07-05-2024 and 09-05-2024 at Bukhari Auditorium GCU.

LIST OF PUBLICATIONS:

1	M. A. Javed, M. A. Malik, “Properties of Circuits in Coset Diagrams by Modular Group”, Indian Journal of Science and Technology, 13(14) (2020) 1458-1469. https://doi.org/10.17485/IJST/v13i14.7
2	M. A. Malik, M. A. Javed, “On Circuit Structure of PSL (2, Z)-Orbits of Length Eight, Indian Journal of Science and Technology”, 13(22) (2020)2220-2228.
3	Maqsood, S., Muhammad, N., Murtaza, G., Javed, M. A., Mahmood, A., & Mumtaz, S. (2023). “Bandgap tuning, mechanical and thermoelectric properties of Cs2CuScX6 (X=

	Cl, Br, I) halide ion substitution for optoelectronic devices using density functional theory”. Physica Scripta, 98(11), 115931. https://doi.org/10.1088/1402-4896/acff97
4	S, Maqsood, M.A. Javed, S. Mumtaz, M.K Al-Sadoon (2024) “Computational study of Cd-based chalcogenide spinels CdSm2(S/Se)4 for spintronic applications” Chalcogenide Letters Volume 21, No. 6, 4 June 2024, p. 449 – 458 https://doi.org/10.15251/CL.2024.216.449
5	Computational investigations of optoelectronic and thermoelectric properties of Cs 2 AuSbX 6 (X= Cl, Br, I) double perovskites for energy harvesting devices. S Maqsood, S Mumtaz, MA Javed, MA Salam... - Digest Journal of Nanomaterials & Biostructures (DJNB ..., 2024) https://doi.org/10.15251/DJNB.2024.194.1865

BS Students Supervised

Name & Roll No of Student	Title of the Thesis
Faisal Mehmood 0567-BH-MATH-17	On Connection Between Continued Fractions and Types of G-circuits
Abdullah Aziz Badar 0568-BH-MATH-17	Some Properties of Reduced Numbers in Coset Diagrams by Modular Group
Arooj Nazir 0517-BH-MATH-17	A Review of Some Circuit Generating Techniques for PSL(2, Z)-Orbits
Rehman Ullah Shoukat 0533-BH-MATH-17	Classification of G-circuits of Length Four under the Action of Modular group

MPhil Students Supervised

Name & Roll No of Student	Title of the Thesis
Sabeel Shamin 0257-MPHIL-MATH-21	On Connection Between Continued Fractions and Types of G-circuits
Muhammad Salman 0256-MPHIL-MATH-22	A Mathematical Approach for Quality Control via Intuitionistic Fuzzy Soft TOPSIS and VIKOR Operators

References:

1. Prof. Dr Muhammad Aslam Malik
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2. Prof. Dr Muhammad Riaz
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