



CURRICULUM VITAE

PERSONAL DATA

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EDUCATION

Year	Academic Degree	Institution
2011	Post Doctorate	Phillips Universitat Marburg, Germany
2008	PhD Mathematics	Government College University, Lahore, Pakistan
2002	MSC Mathematics	University of the Punjab, Lahore, Pakistan

WORK EXPERIENCE

Period	Position	Address
Jan 2026-till date	Professor of Mathematics	Imam Mohammad Ibn Saud Islamic University, Riyadh, KSA
April 2022-Jan 2026	Professor of Mathematics	COMSATS University Islamabad, Lahore Campus
July 2014-March 2022	Associate Professor of Mathematics	COMSATS University Islamabad, Lahore Campus
April 2008, June 2014	Assistant Professor of Mathematics	COMSATS University Islamabad, Lahore Campus
April 2002-August 2004	Tutor Mathematics	Virtual University of Pakistan, Lahore, Pakistan

RESEARCH INTERESTS

Combinatorial Commutative Algebra, Graph Theory and Applications of Mathematical Methods

PUBLICATIONS



- Hayat, H., Ahmad, S., Siddiqui, M. K., & Petros, F. B. (2026). Predictive modeling of influenza strain drugs using temperature-based topological indices and regression analysis via multi-criteria decision making techniques. *Scientific Reports*. (Impact factor 3.8)
- Mansha, M., Ahmad, S., & Lupas, A. A. (2026). A Computational Analysis of Spectral Properties and Energies of Distance-Based Matrices for Selected Hydrocarbons. *Symmetry*, 18(2), 306. (Impact factor 2.2)
- Bilal, Hafiz Muhammad*, and Sarfraz Ahmad. "Towards a theory of Inc-compatible term orders in polynomial rings in infinitely many variables." *Discrete Mathematics, Algorithms & Applications* 17, no. 5 (2025) (Impact factor 0.6)
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- Naz, Kiran, Hafiz Muhammad Bilal, Muhammad Kamran Siddiqui, Sarfraz Ahmad, and Mustafa Ahmed Ali. "Predicting tuberculosis drug properties using extended energy based topological indices via a python driven QSPR approach." *Scientific Reports* 15, no. 1 (2025): 15642. (Impact factor 3.8)
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- Rasheed, Tabinda*, Sarfraz Ahmad, Muhammad Kamran Siddiqui, and Muneeba Mansha. "On powers of edge ideals associated to the cycle graph." *Discrete Mathematics, Algorithms and Applications* (2025): 2550090. (Impact factor 0.4)
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- Naz*, Kiran, Sarfraz Ahmad, Muhammad Kamran Siddiqui, Hafiz Muhammad Bilal, and Muhammad Imran. "On Some Bounds of Multiplicative K Banhatti Indices for Polycyclic Random Chains", "Polycyclic Aromatic Compounds", 44, no. 4, 2270-2291, (2024), (Impact factor 3.74).
- Naz*, Kiran, Sarfraz Ahmad, Hafiz Muhammad Bilal, and Muhammad Kamran Siddiqui. "Computing degree based topological indices for bulky and normal polymers." *International Journal of Quantum Chemistry* 124, no. 12 (2024): e27435, (Impact factor 2.4).
- Zhao, Xuemei, Muhammad Kamran Siddiqui, Shazia Manzoor*, Sarfraz Ahmad, Mehwish Hussain Muhammad, and Jia-Bao Liu. "On computation and analysis of



- entropy measures for metal-insulator transition super lattice." IETE Journal of Research 70, no. 2 (2024): 1911-1922 (Impact factor 3.3)
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