Muhammad Yasir Hayat Malik

PERSONAL DETAILS

Residential Address: House # ½, Near Water Supply, Block No. 6, Jauharabad, District Khushab.
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Date of Birth: 19th June, 1987
Nationality: Pakistani

CAREER OBJECTIVE

Devoted to Explore and extending the limits of what is currently known through innovative and high-quality work. I want to utilize my capacity to devise, design and conduct research that has real academic weight and gain deep insight in mathematics.

EDUCATION

2017 – 2022	**Government College University,** Faisalabad, Pakistan *PhD in Mathematics.* **CGPA 4.00**
2010 – 2012	**National University of Sciences and Technology**, Islamabad, Pakistan *M.Phil Mathematics* **CGPA 3.25**
2005 – 2009	**Government College University**, Lahore, PAKISTAN BS (Hons) in Mathematics **CGPA 3.40**

WORK EXPERIENCE

23-12-2022 – till date 24-09-2014 – 23-12-2022	**University of Education,** Lahore, Pakistan **www.ue.edu.pk** Assistant Professor Mathematics, University of Education, Lahore (Jauharabad Campus) Lecturer in Mathematics University of Education, Lahore (Jauharabad Campus) **Responsibilities:** • Teaching Mathematics courses to BS, MSc and MS classes. • Worked as department coordinator (2016-2018) • Coordinator UMS and Sports • Incharge Event Management Society
09-09-2013 – 17-01-2014	**National University Yf Sciences and Technology,** Islamabad, Pakistan **www.nust.edu.pk** Temporary Visiting Faculty (Mathematics)

	National University of Sciences and Technology, Islamabad **Responsibilities:** • Teaching Calculus course to BS Civil Engineering students • Conduct exams and manage the duties

RESEARCH PUBLICATIONS

Malik, M. Y. H., Binyamin, M. A., & Hayat, S. (2021). *Correlation ability of degree-based topological indices for physicochemical properties of polycyclic aromatic hydrocarbons with applications.* Polycyclic Aromatic Compounds, DOI: 10.1080/10406638.2021.1977349. **IF 3.744**

Malik, M. Y. H., Hayat, S., Khan, S., & Binyamin, M. A. (2021). *Predictive potential of spectrum-based topological descriptors for measuring the π-electronic energy of benzenoid hydrocarbons with applications to boron triangular and boron α-nanotubes.* Mathematical Methods in the Applied Sciences, 1–22, DOI: 10.1002/mma.7161. **IF 3.007**

Hayat, S., **Malik, M. Y. H.,** Ahmad, A., Khan, S., Yousafzai, F., & Hasni R. (2021). *On Hamilton-connectivity and detour Index of certain families of convex polytopes.* Mathematical Problems in Engineering, 2021, ID 5553216. **IF 1.58**

Hayat, S., Khan, A., **Malik, M. Y. H.,** Imran, M., & Siddiqui, M. k. (2020). *Fault-tolerant metric dimension of interconnection networks.* IEEE Access, 8, 145435–145445. **IF 3.367**

Khan, S., Hayat, S., Khan, A., **Malik, M. Y. H.,** & Cao, J. (2021). *Hamilton-connectedness and Hamilton-laceability of planar geometric graphs with applications.* AIMS Mathematics, 6(4), 3947–3973. **IF 2.739**

Imran, M., Hayat, S., & **Malik, M. Y. H.** (2014). *On Topological Indices of certain Interconnection Networks,* Applied Mathematics and Computation, 244 (2014), 936-957. **IF 4.397**

Imran, M., Malik, M. A., & **Malik, M. Y. H.** (2014). *On super edge magic total labeling of reflexive w-trees*, Sci. Int (Lahore), V0l.26, No.2 (2014), 537-545. **IF 1.852**

Imran, M., Malik, M. A. & **Malik, M. Y. H.** (2014). *On super edge magic total labeling of certain classes of graphs*, International Journal of Mathematics and Soft Computing, Vol.4, No.2 (2014), 49-57.

Area of Interest

Graph Theory
Combinatorial theory
Discrete Mathematics

OTHER SKILLS AND CERTIFICATES

Computer Skills:
• Microsoft XP applications (Word, Excel, Office, PowerPoint)
• Latex

PERSONAL COMPETENCIES

- Ability to work in a fast-paced environment to set deadlines
- Excellent oral and written correspondence with an exceptional attention to detail
- Highly organised with a creative flair for project work.

Language Skills:
- Urdu
- Punjabi
- English

References:
- **Prof. Dr. Ikramullah Lali**
  Principal, UE Jauharabad Campus
  principaljbd@ue.edu.pk
- **Dr. Azizullah Awan**
  Associate Professor Mathematics,
  University of Punjab. Lahore
  aziz.math@ue.edu.pk