

Curriculum Vitae

Dr Muhammad Idrees

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PERSONAL INFORMATION

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ACADEMIC QUALIFICATION

Degree	Board/ University	Division/Grade	Major Subjects
Ph.D. Mathematics 2018	Beijing Institute of Technology, Beijing, China	1 st / A	Control Science and Engineering
M. Phil. Mathematics 2003	University of the Punjab, Lahore, Pakistan	1 st / A	Pure Mathematics
M.Sc. Mathematics 1995	University of the Punjab, Lahore, Pakistan	1 st / B	Applied Mathematics
B. Sc. (Graduation)	Govt. Forman Christian College, Lahore, Pakistan	1 st / B	Mathematics, Physics
F. Sc. (Intermediate)	Govt. Forman Christian College, Lahore, Pakistan	1 st / A	Mathematics, Physics, Chemistry
Matriculation Secondary school	P. R. High School, Lahore	1 st / A	Mathematics, Physics, Chemistry, Biology

Teaching Experience

- Presently working as **Assistant Professor of Mathematics**, University of Education, Lahore Pakistan, August 01, 2013 to date.
- **Lecturer in Mathematics**, University of Education, Lahore Pakistan, June 22, 2006 to July 31, 2013.
- **Lecturer in Mathematics**, the University of the Punjab, Lahore, Pakistan September 2005 to June 2006.
- **Aitcheson College Lahore and Beaconhouse School, Lahore Year 2002-2005.**

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Professional Experience

- Convener External Review Committee (Mathematics) PCTB from 2021-22 Grade 1-5.
- Convener Internal Review Committee (Mathematics) PCTB from 2022-23 Grade 1-7.
- Convener Internal Review Committee for Mathematics Grade 7 & 8 (PCTB).
- Member Internal Review Committee draft for Mathematics Grade 9 to 12.

Research Area

Distributed Systems in Graph Theory:

Different types of Metric Dimension of Graphs and its application in Robotics and WSN Localization. Computational Chemistry: Graph Invariants and its application in Molecular Chemistry by taking molecular structure describing its Chemical and Physical properties.

Distributed Systems in Control Theory:

Adoptive Control of Discrete Time Multi Agent Nonlinear Dynamic Distributed Systems. Estimation and Control in both Parametric and Non-Parametric ways dealing with uncertainties.

PUBLICATIONS

1. M Idrees, H Mutee, Metric Dimension of Line Graph of Möbius Ladder, Southeast Asian Bulletin of Mathematics Ref. No. : 21076. Accepted on 3-6-2021
2. Rong Qi, Muhammad Mobeen Munir, Nazish Younas, Muhammad Idrees and Jia-Bao Liu (2021), Lie Symmetry Analysis for the General Classes of Generalized Modified Kuramoto-Sivashinsky Equation, Journal of Function Spaces, Article ID 4936032, 8 pages <https://doi.org/10.1155/2021/4936032>. Q3 ranking
3. Yaseen M, Rashid MA, Iqbal MA, Farooq Z, Idrees M, Qayyum MA, Intisar A, Mahmood MH, Khan I, Latif M. (2020), Synthesis, Photo induced, Amination and Topological Indices of novel porphyrin dyads. Journal of Porphyrins and Phthalocyanines. 24(8):1054-1065. Q1 ranking
4. Idrees M, Ma H, Wu M, Nizami AR, Munir M, Ali S. (2020), Metric Dimension of Generalized Möbius Ladder and its Application to WSN Localization. Journal of Advanced Computational Intelligence and Intelligent Informatics. 24(1):3-11.
5. A R Nizami, M. Idrees, Numan Amin & Zafar Iqbal (2019), Hosoya Polynomial and Topological indices of n-linear Benzene, Journal of National Science Foundation of Sri Lanka (JNSF). 47 (2): 169 – 174.

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6. M. Idrees, Hongbin Ma, Amir Naseem, Sajid Ali, A. R. Nizami (2018), New Algorithms for Non Linear Equations. International Journal of Advanced and Applied Sciences. 5(9): 28-32.
7. M. Idrees, Hongbin Ma, Numan Amin, A. R. Nizami(2018), Several Topological Invariants of Generalized Mobius Ladder, 2018 37th Chinese Control Conference (CCC). IEEE, 7328-7333.
8. Sajid Ali, Zhongke Wu, Xulong Li, Muhammad Idrees, Wang Kang and Mingquan Zhou (2015), A novel method: 3-D gait curve for human identification, ICIG 2015, Part I, LNCS 9217: 321-337.
9. Salman Qadri, Jalil Abbas, Muhammad Idrees, Sarfraz Awan, Naeem Akhtar Khan(2010), A Comprehensive study of Photometric and Semantic based Face Recognition Analysis Techniques, The Journal of American Sciences, 6(10): 400-404.
10. Jalil Abbas, Salman Qadri, Muhammad Idrees, Sarfraz Awan, Naeem Akhtar Khan, (2010), Frame work for Content based Image Retrieval (Textual based) System. The Journal of American Sciences, 6(9): 704-707.