

د. شاهد زمان

أستاذ مساعد

العلوم الرياضية والفيزيائية ـ شعبة الرياضيات

كلية العلوم والآداب

جامعة نزوى، سلطنة عمان

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موقع المكتب: 11G-15

يعمل في الجامعة: منذ 2024

حصل على درجة الدكتوراه في الرياضيات في عام 2020 م ، من جامعة .وسط الصين ، وعلى درجة الماجستير في الرياضيات في عام2015 م، من كلية الحكومة الجامعية ، كما حصل على درجة بكالوريوس علوم في الرياضيات في عام 2012من جامعة كلية الحكومة الجامعية. أما اهتماماته البحثية فتقع في تشمل اهتماماته البحثية التحليل الطيفي للرسوم البيانية، وتحليل المصفوفات للرسوم البيانية، والمشكلات المتطرفة للرسوم البيانية، والرياضيات المنفصلة، والتركيبات، والكيمياء الرياضية، ونظرية الرسوم البيانية الكيميائية، والنظرية الضبابية، ووضع العلامات على الرسوم البيانية. وقد نشر أكثر من 65 مقالة بحثية (عامل تأثير مرتفع) في العديد من المجلات الدولية المرموقة. علاوة على ذلك، فهو مراجع لمجلة ``الرياضيات التطبيقية المنفصلة``، ومجلة ``الرياضيات التطبيقية والحوسبة``، ومجلة ``IEEE Access``، ومجلة ``الجبر الخطي والمتعدد الخطوط``، ومجلة ``الرياضيات المنفصلة والخوارزميات والتطبيقات (DMAA)، ومجلة ``الحاسبات والمواد والمستمرات``، وغيرها الكثير

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المؤهلات الأكاديمية

Ph.D، Central China Normal University, Wuhan, China، 2020

M.Phil، GC University, Lahore, Pakistan، 2015

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أنشطة التدريس

Graph theory and its applications

Spectral graph theory

Algebraic graph theory

Matrix theory

Advance Numerical Analysis

Graph labelling

Advance Algebra

Modern graph theory

Group Theory-II

Discrete structure

Vector and tensor analysis

Algebra III

Operations Research

Mathematical Methods

Rings and Fields

Integral Equations

Group Theory-I

Introduction to Statistics

Ordinary Differential Equations

Elementary graph theory

Probability Theory

Mathematical Spaces

Numerical Analysis I

Calculus III

Complex Analysis

Topology-I

Functional Analysis

Number Theory

الأنشطة البحثية

الاهتمامات البحثية ـ

Spectral Analysis of graphs

Topological Indices

Extremal problems of graphs

Chemical graph theory

Graph Labeling

Fuzzy Graph theory

Algebraic graph theory

Machine learning

العرض في المؤتمرات ـ

1. Asad Ullah, Hameed Ali, Shahid Zaman, Summeira Meherban ``A comparative analysis of different topology description methods for 3D grains in polycrystalline microstructures`` Conference: 1st International Conference on Mathematics and Applied SciencesAt: Mehran UET, Shaheed Z.A. Bhutto Campus Khairpur Mir's Sindh Pakistan . ، Conference: 1st International Conference on Mathematics and Applied Sciences ، Mehran UET, Shaheed Z.A. Bhutto Campus Khairpur Mir's Sindh Pakistan ، 28/09/2023

2. Anila Hamraz, Asad Ullah, Shahid Zaman ``Topological Characterization of SiliconCarbon molecular structures with respect to neighborhood molecular descriptors and entropy measures، 5th International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS-2023، 17/07/2023

3. Salima Salman, Asad Ullah, Shahid Zaman ``Various Resistance distance indices of bipartite graphs with respect to diameter two and their sharp bounds، 5th International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS-2023)، Peshawer, Pakistan ، 14/07/2023

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Asad Ullah, Zohra Bano , Shahid Zaman. ``Computational aspects of two important biochemical networks with respect to some novel molecular descriptors.`` Journal of Biomolecular Structure and Dynamics 2023 .73

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الخبرة الإدارية

Head Department of Mathematics - University of Sialkot-Pakistan :2017 - 2016

PT member of Quality Enhancement Cell (QEC) - University of Sialkot-Pakistan :2017 - 2015

Member of discipline committee - University of Sialkot-Pakistan :2017 - 2015

Program Manager of Physical Science - University of Sialkot-Pakistan :2016 - 2015

الجوائز والتقدير

2022 • HEC Approved PhD Supervisor, Ref. HEC/HRD/ASA/2022/91123.

2019 • Achieved Excellent CCNU International Student Award, for the year 2019 in Central China Normal University Wuhan-China.

2017 • Awarded Chinese Government Scholarship, for the year 2017

2012 • Awarded HEC Pakistan Scholarship in BS level, at GC University, Lahore Pakistan

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