DR. AB. HAMID KAWA

PHD MATHEMATICS

CONTACT

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📍 Guru Nanak Institute of Technical Campus, Hyderabad, Telangana-501506

🌐 www.researchgate.net/profile/Ab-Kawa-2

SKILLS

- Algebra, Engineering Mathematics, Discrete Mathematics
- MATLAB
- LaTEX
- MS Office Suit
- Numerical Method Simulation
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Professional)
- Urdu (Fluent)
- Hindi (Basic)
- Kashmiri (Fluent)

REFERENCE

- **Professor S.N. Hasan**
Deptt. of Mathematics, MANUU, Hyderabad
+91-9866619519
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- **Dr. B. A. Wani**
Deptt. of Mathematics, NIT, Srinagar
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PROFILE

Accomplished Assistant Professor of Mathematics with a PhD and, over 4 years of teaching experience and 5+ years of research experience. Expertise in Algebra, Engineering Mathematics, and Computational Mathematics, with a strong track record of delivering engaging lectures and innovative course materials. Published author in peer-reviewed journals and active participant in academic conferences, contributing to advancements in the field. Skilled in mentoring students and guiding research projects to foster critical thinking and analytical skills. Proficient in using advanced mathematical software and computational tools for problem-solving and research. Committed to academic excellence, collaborative research, and curriculum development to support institutional growth.

WORK EXPERIENCE

Guru Nanak Institute of Technical Campus, Hyderabad, India   SEPT, 2023 - JULY,2025

Assistant Professor, Mathematics

- Taught Engineering and Discrete Mathematics to undergraduate engineering students, focusing on core topics such as Diffrterential Equations, logic, set theory, graph theory, combinatorics, and algorithms.
- Develop and deliver comprehensive course materials, including lectures, assignments, and assessments, tailored to enhance students' problem-solving and analytical skills.

MANUU, Hyderabad   Aug, 2021 - May,2023

Teaching Assistant

- Taught B.Sc and M.Sc courses, the subjects including – Modern Algebra, Complex Analysis, Real Analysis, Linear Algebra, Differential Equations.
- Provide academic guidance and mentorship to students, fostering their interest in mathematics and its practical applications.
- Engage in continuous curriculum improvement and collaborate with colleagues to ensure high-quality instruction.
- Teach different Mathematics courses to PG level students.

EDUCATION

Ph.D - Mathematics   2019- 2024
Dept. of Mathematics | MANUU(Central Uni.), India

M.Sc. in Mathematics   2015 - 2017
Dept. of Mathematics | Central University of Kashmir

B.Sc. with Mathematics   2012 - 2015
University of Kashmir

Journal Publications:

- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. "Multiplicative Jordann-higher Derivations on Alternative Rings Containing Idempotents." Asian-European Journal of Mathematics. Vol. 16, No. 05, 2350081 (2023).
- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. "Multiplicative Jordantype-higher Derivations on unital Rings Containing Idempotents. Advances in pure and applied Mathematics, vol. 14, NO. 1, 36-49 (2023).
- **Ab Hamid Kawa**, Turki A., S. A.li, S. N. Hasan, S. A.li, and B. A. Wani. " Characterizing of Lie type-higher Derivations on von Neuman Algebra with local actions." Mathematics 2023, 11(23), 4770
- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. " Characterizing Multiplicative Jordan n-higher Derivations on unital Rings." Georgian Mathematical Journal, doi: https://doi.org/10.1515/gmj-2024-2062
- **Ab Hamid Kawa** , Shakir Ali, S. N. Hasan and Bilal Ahmad Wani "Jordan n-derivations on alternative rings", Georgian Mathematical Journal, https://doi.org/10.1515/gmj-2025-2027

Communicated Papers:

- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. "Multiplicative Jordann n-Derivations on alternative Rings Containing Idempotents." "Advances in pure and applied Mathematics
- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. " Characterizing Multiplicative Jordan n-higher Derivations on Alternative Rings Containing Idempotents." Bulletin of the Iranian Mathematical Society"
- **Ab Hamid Kawa**, S. N. Hasan, and B. A. Wani. "Multiplicative Jordantype higher Derivations on triangular algebras Containing Idempotents."Rockey Mountain Journal of Mathematics"
- **Ab Hamid Kawa**, S. N. Hasan "Non Linear Mixed Jordan-type higher derivations on *- algebras " Communications in Algebra.

Conference Presentations:

- Paper Presentation in International Virtual Conference on Emerging Trends in Applications of Mathematics2021(ICETAM-2021) entitled Multiplicative Jordan n-Derivations on Alternative Rings Containing Idempotents held on September 16-17, 2021 organized by KG College of Arts and Science Department of Mathematics.
- Paper Presentation in International Conference on Mathematical and Computational Models-ICMCM 21 entitled Jordan type Higher Derivations of von Neumann Algebras Containing Idempotents held on 29th to 30th from 29.10.2021 to 30.10.2021. organized by Dept. of Mathematics, Bannari Amman Arts and Science College, Coimbatore, Tamil Nadu, India.

Conference and Workshops:

- International symposium on Sciences and theirApplications: MSATA-2022 January 28th and 29th, 2022 organized by Department of Applied Mathematics, Yogi Vemana University, Kapada, Andhra Pradesh India.
- Two-day workshop on Hands-on Training in Latex organized bydepartment of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore-62 held on 24th and 25th June 2021
- Five days online International Faculty Development Program on Role of Applied Sciences in Industry and Engineering (IFDPRASIE- 2020) organized by Department of Mathematics, University College of Engineering, Osmania University Hyderabad-500007, in Association with APTSMS conducted from 2 nd August to 6th August 2020.
- Online International Symposium on Differential Geometry and its Applications (ISDGA-2022) held on March 30-31 2022 Organized byDepartment of Mathematics, School of Sciences, MANNU, Hyderabad, India.
- Recent Frontiers In Pure & Applied Mathematics. Organized By Department Of Mathematics,Kongunadu Arts And Science College (Autonomous) Coimbatore-641029