



DR. KSHITTIZ CHETTRI

ASSOCIATE PROFESSOR & HEAD | JOURNAL EDITOR & RESEARCHER

Department of Mathematics
Nar Bahadur Bhandari Government College (NBBGC)
Tadong, Gangtok, Sikkim

Mathematics educator, researcher, academic leader, and journal editor with more than 15 years of teaching and research experience at UG and PG levels. Active in scholarly peer-review, editorial curation, Graph Theory research, Olympiad administration, and state-wide mathematical outreach.

EDITORIAL & SCHOLARLY ROLES

- **Journal Editor & Editorial Board Member**, overseeing peer-review, manuscript assessment, and publication standards for mathematical sciences.
- **Active Reviewer & Contributor** for peer-reviewed journals in Graph Theory, Signed Graphs, and Applied Discrete Mathematics.

ACADEMIC & ADMINISTRATIVE ROLES

- **Associate Professor & Head**, Department of Mathematics, Nar Bahadur Bhandari Government College (NBBGC), Tadong, Gangtok, Sikkim.
- **President**, Sikkim Mathematical Society.
- Involved in curriculum design, academic planning, and advancement of higher mathematics education.

OLYMPIAD & OUTREACH ROLES

- **Regional Coordinator**, Mathematics Olympiad Programme (MOP), Sikkim.
- **Regional Coordinator**, Madhava Mathematics Competition, Sikkim.
- Programmes conducted under HBCSE, TIFR, Department of Atomic Energy, Govt. of India.
- Actively engaged in training, mentoring, and talent identification across Sikkim.

TEACHING & GUIDANCE

- Teaching undergraduate and postgraduate courses in pure and applied mathematics.
- Guiding students in dissertation projects, academic research, and competitive problem solving.

RECENT PUBLICATIONS

1. **On balance and consistency preserving 2-path signed graphs.**
EJGTA, 11(2) (2023), [10.5614/ejgta.2023.11.2.4](https://doi.org/10.5614/ejgta.2023.11.2.4)
2. **On Characterization of Balance and Consistency Preserving d-Antipodal Signed Graphs.**
Mathematics 2023, 11(13), 2982; <https://doi.org/10.3390/math11132982>
3. **On balance and canonical consistency of d-antipodal graph of derived signed Smith graphs.**
Proceedings of the Jangjeon Mathematical Society (PJMS) 2024, vol. 27, no. 4, pp. 629 - 642
DOI: [10.17777/pjms.2024.27.4.010](https://doi.org/10.17777/pjms.2024.27.4.010)
4. **2-Path Signed Graph of Signed Smith Graphs and Its Applications in Nonlinear Dynamics.**
In: Saha, A., Banerjee, S. (eds) Proceedings of the 2nd International Conference on Nonlinear Dynamics and Applications (ICNDA 2024), Volume 3. Springer, Cham. https://doi.org/10.1007/978-3-031-69146-1_8

PROFESSIONAL MEMBERSHIPS

- **President & Life Member**, Sikkim Mathematical Society
- **Life Member**, Academy of Discrete Mathematics and Applications (ADMA)
- **Life Member**, Mathematics Teachers' Association (India) [MTA(I)]

OBJECTIVE

To contribute towards the advancement of mathematical knowledge and rigorous peer-reviewed scholarship, uphold high publication standards, and inspire students and researchers through teaching, editorial leadership, and outreach.

CONTACT

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ACADEMIC QUALIFICATIONS

- **Ph.D. in Mathematics**
(Awarded on 09.11.2023)
Specialization: Graph Theory
- **M.Sc. in Mathematics**
- **B.Sc. in Mathematics**

TEACHING EXPERIENCE

- **2009 – Present**
- **15+ years** of teaching experience at Undergraduate (UG) and Postgraduate (PG) levels.
- Experience in mentoring and guiding students in theoretical and applied Mathematics.

AREAS OF INTEREST

- Graph Theory & Signed Graphs
- Marked Graphs & Combinatorics
- Mathematical Structures
- Nonlinear Dynamics & Applications
- Mathematics Education & Outreach

HOBBIES

- ✓ Cricket
- Football
- 🏃 Long Distance Running