

Dr. Samten Tamang

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Subject Specialization: Complex Analysis.

Areas of Research Interest: Value distribution theory of entire and meromorphic functions,
Complex Differential equations.

Research Guidance:

Ph. D. awarded : 01
Registered for Ph.D. : 04

Experiences:

1. Assistant Professor, University of North Bengal from April 16, 2021 and continuing.
2. Assistant Professor, the University of Burdwan from January 05, 2017 to April 15, 2021.
3. Assistant Professor, University of Kalyani from April 13, 2012 to January 04, 2017.
4. Assistant Professor in Mathematics, Sikkim Government College, Tadong, Gangtok, Sikkim from September 02, 2011 to April 12, 2012.
5. Lecturer in Mathematics, Sikkim Government College, Tadong, Gangtok, Sikkim from July 26, 2008 - December 13, 2009.

Some Research Publications:

- [1] Md Adud, S. Tamang: ϕ -Relative order and ϕ -relative type of meromorphic functions in \mathbb{C} , The Journal of Analysis, (2022), <https://doi.org/10.1007/s41478-022-00398-x>
- [2] Sánchez Ruiz, L.M.; Datta, S.K.; **Tamang, S.**; Biswas, N.: On the Growth of Higher Order Complex Linear Differential Equations Solutions with Entire and Meromorphic Coefficients, Mathematics, 9 (2021), 58, 1-10.
- [3] N. Biswas, S. K. Datta and **S. Tamang**: On growth properties of transcendental meromorphic solutions of linear differential equations with entire coefficients of higher order, Communications of the Korean Mathematical Society, 34 (2019), No. 4, 1245-1259.
- [4] S.K. Datta, **S. Tamang** and N. Biswas: On the growth of meromorphic solutions of higher order linear differential equations with entire coefficients of $[p,q]$ -order, Journal of Indian Academy of Mathematics, 40 (2018), No. 2, 199-222.
- [5] N. Biswas and **S. Tamang**: Growth of Solutions to Linear Differential Equations with entire coefficients of $[p,q]$ -order in the Complex Plane, Communications of the Korean Mathematical Society, 33 (2018), No. 4, 1217-1227
- [6] **S. Tamang** and N. Biswas: Some results on the Integer Translation of Composite Entire and Meromorphic functions, Konuralp Journal of Mathematics, 5 (2017), No. 2, 1-11.
- [7] **S. Tamang** and N. Biswas: Some growth of composite entire and meromorphic functions with finite iterated order, GJPAM, 13 (2017), No. 8, 4099-4109.
- [8] S.K. Datta, T. Biswas and **S. Tamang**: Some inequalities involving Fuzzy Complex Numbers, Theory and Applications of Mathematics & Computer Science, 4 (2014), No. 1, 26-33.
- [9] S.K. Datta and **S. Tamang**: Some results on the exponent of convergence of zeros of entire functions, International Journal of Mathematical Manuscripts, 6 (2013), No.1, 21-31.
- [10] S.K. Datta and **S. Tamang**: A few results on the growth properties of special type of differential polynomials, International Journal of Advanced Scientific and Technical Research, 6 (2012), Issue 6, 621-631.
- [11] S.K. Datta and **S. Tamang**: Further results related to the generalised growth properties of analytic functions in a unit disc, Int. J. Contemp. Math. Sciences, 7 (2012), No. 46, 2297-2304.
- [12] S.K. Datta, S. Mondal and **S. Tamang**: Generalised growth properties of functions analytic in a polydisc, Int. J. Math. Archive, 3 (2012), No. 9, 3525-3529.
- [13] S.K. Datta and **S. Tamang**: Some growth properties related to integer translation of entire and meromorphic functions, International Journal of Advanced Scientific and Technical Research, 6 (2012), Issue 2, 485-492.
- [14] S.K. Datta, A.R. Das and **S. Tamang**: Maximum term of composite entire functions and their comparative growth rates, International Journal of Mathematical Archive, 3 (2012), No. 12, 4883-4891.
- [15] S.K. Datta, A.R. Das and **S. Tamang**: Growth rates of Wronskians generated by iterated entire functions on the basis of their maximum terms, International Journal of Advanced Scientific and Technical Research, 4 (August 2012), Issue 2, 531-542.
- [16] S.K. Datta and **S. Tamang**: A note on the growth properties of composite entire functions related to proximate order, Int. Math. Forum, 5 (2010), No. 58, 2881-2883.
- [17] S.K. Datta and **S. Tamang**: On a result of Niino and Suita, Int. Journal of Math. Analysis, 4 (2010), No. 41, 2025-2028.