CURRICULAM VITAE

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Present Position : Assistant Professor in Mathematics, CDOE, NBU

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Academic Qualification: M.Sc., Ph.D. (Mathematics)

Ph.D. Thesis Title	Name of the Supervisor	University	Year of Award
Some Investigations on the Value Distribution Theory of Entire and Meromorphic Functions	Dr. Dilip Chandra Pramanik	North Bengal University	2021

Areas of Research Interest : Complex Analysis.

Achievement & Awards   : INSPIRE Scholarship Award (2012), NET held on 19.06.2016,

Award of JRF by the NBU (State Government fellowship) (2017).

Work experiences:

Assistant Professor in Mathematics (Fulltime Contractual), Centre For Distance and Online Education, **University of North Bengal**, Raja Rammohunpur, West Bengal-734013, India (from 20.09.2018 to till date).

Additional Information:

For more information please visit:
MathSciNet: https://mathscinet.ams.org/mathscinet/author?authorId=1313340
ResearchGate: https://www.researchgate.net/profile/Jayanta-Roy-3

Research Projects:

Sl. No.	Project Title	Worked As	Funding Agency	Amount	Status
1	Certain Investigation on the Uniqueness Theory of Entire and Meromorphic Functions and Related Topics	Principal Investigator	University of North Bengal (CDOE)	40,000/	ongoing

List of Publications:

1. Dilip Chandra Pramanik and **Jayanta Roy**, Study of Bruck conjecture and uniqueness of rational function and differential polynomial of a meromorphic function, ***The Korean Journal of Mathematics*** , Vol. 30 (2022), pp. 249-261.

2. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of non-homogeneous differential polynomials of meromorphic functions sharing a small function, ***Journal of Classical Analysis***, Vol. 19 (2022) , pp. 65-81.

3. Dilip Chandra Pramanik and **Jayanta Roy**, Results on uniqueness of meromorphic functions weighted-sharing a set of roots of unity, ***Journal of Interdisciplinary Mathematics***, Vol. 25 (2022), pp. 45—62.

4. Dilip Chandra Pramanik and **Jayanta Roy**, Weighted sharing and uniqueness of homogeneous differential polynomials of meromorphic functions, ***Southeast Asian Bulletin of Mathematics***, Vol. 45 (2021) , pp. 227—240.

5. Dilip Chandra Pramanik and **Jayanta Roy**, Linear differential polynomials weighted-sharing a set of roots of unity, ***Facta Univ. Ser. Math. Inform***., Vol. 36 (2021), pp. 333--347,.

6. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of meromorphic functions sharing values with their n-th derivatives, ***Electron. J. Math. Anal. Appl***, Vol. 9 (2021) , pp. 191—200.

7. Dilip Chandra Pramanik and **Jayanta Roy**, Some results on uniqueness of homogeneous differential polynomials of meromorphic functions, *Italian journal of pure and applied mathematics*, Vol. 46 (2021), 259--271.

8. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of meromorphic functions sharing a set of roots of unity, *Journal of Indian Mathematical Society (N.S.),* Vol. 87 (2020) , pp. 206--218.

9. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of p(f) and P [f] concerning weakly weighted-sharing, *General Mathematics*, Vol. 28 (2020) , pp. 11--24.

10. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of homogeneous differential polynomials of meromorphic functions concerning weakly weighted sharing, *Journal of Classical Analysis*, Vol. 16 (2020) , pp. 23--35.

11. Dilip Chandra Pramanik , **Jayanta Roy** and A. H. Sarkar, Uniqueness of differential polynomials of a meromorphic function concerning weighted sharing, *The Mathematics Student*, Vol. 89 (2020) , pp. 127—143.

12. Dilip Chandra Pramanik , **Jayanta Roy** and Kapil Roy, The Growth of solutions of some non-linear complex differential equations, *The Korean Journal of Mathematics*, Vol. 28 (2020) , pp. 295--309.

13. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of meromorphic functions whose differential polynomials share a non-constant polynomial, *New Trends Math. Sci.,* Vol. 7 (2019), pp. 222-236.

14. Dilip Chandra Pramanik and **Jayanta Roy**, Unicity theorem for higher order derivatives of meromorphic functions on annuli, *Electron. J. Math. Anal. Appl.*, Vol. 7 (2021), pp. 332-344.

15. Dilip Chandra Pramanik and **Jayanta Roy**, Uniqueness of homogeneous differential polynomials concerning weakly weighted-sharing, *Communication Korean Mathematical Society*, Vol. 34 (2019) , pp. 439-449.

16. Dilip Chandra Pramanik and **Jayanta Roy**, Weakly weighted-sharing and uniqueness of homogeneous differential polynomials, *Matematychni Studii*, Vol. 51 (2019) , pp. 41-49.

Attended Seminars,Webinars & Workshops:

Name of the Seminars, Webinars &Workshops	Venue	Date & Year
Three days Workshop on "Capacity Building of Faculty Members and Other Academics on Open Educational Resources (OER)" and one day Workshop on "Development of OER Policy for the University "	Centre for Distance and Online Education, University of North Bengal, Darjeeling, West Bengal, India In Collaboration with Commonwealth Educational Media Centre for Asia (CEMCA)	May 30 to June 2, 2023
National Seminar on "Inclusive Growth through Open and Distance Learning: Strategy and Policy	Centre for Distance and Online Education , University of North Bengal, Darjeeling, West Bengal, India In collaboration with Maulana	8th -9th December 2022

Perspectives for Higher Education"	Abul Kalam Azad Institute of Asian Studies, Kolkata	
Three-Day Workshop On "Capacity Building of Faculty Members on Open Educational Resources (OER)"	Vidyasagar University, Centre for Distance and Online Education. In Collaboration with Commonwealth Educational Media Centre for Asia (CEMCA)	November 9 to November 11, 2022
Webinar on "Recent Advances in Pure and Applied Mathematics (RAPAM 2020)	Department of Mathematics, Kurseong College, Darjeeling, West Bengal, India	24th -25th august 2020
Workshop on " Lie group and Lie algebra"	Department of mathematics, University of North Bengal, Darjeeling, West Bengal, India	March 2 to March 4, 2020
Two-Day National Conference on Trends In Science & Technology	Departments of Computer Science&Applications Mathematics, Physics and Economics,Salesian College, Siliguri, India	February 28, and February 29, 2020
The International Seminar on "Recent Advances in Mathematical Sciences and their Applications"	Department of Mathematics, Surya Sen Mahavidyalaya, Darjeeling, West Bengal, India	30th -31st August 2018
International Seminar on "Topology, Analysis and Algebra"	Department of mathematics, University of North Bengal, Darjeeling, West Bengal, India	11th – 12th February, 2017