

CURRICULUM-VITAE

Dr. Tanchar Molla

Assistant Professor & HoD
Department of Mathematics
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Permanent Address: VILL:Tikarbaria (Near K.N High School), P.O:Faridpur, P.S:Jalangi,
DIST:Murshidabad, PIN:742303, West Bengal, India.

Educational Qualifications:

Degrees or Diplomas or Certificates	Year	Subjects/Specializations	Board/Univ.
M.P	2004	Beng., Eng, Hist, Geo, Math, Psc, Lsc	West Bengal Board of Secondary Education
H.S	2006	Beng, Eng, Math, Phy, Chem, Bios	West Bengal Council of Higher Secondary Education
B.Sc	2009	Mathematics (Hon.)	Sripat Singh College, University of Kalyani
M.Sc	2011	Advanced complex analysis-1, Advanced complex analysis-2	University of Kalyani
B.Ed (ODL)	2015	Mathematics (1 st method), Physical Science (2 nd method)	Netaji Subhas Open University
NET(JRF)	2015 (December)	Mathematical Science	CSIR-UGC
Ph.D.	2022	Some Investigation on the Distribution of Zeros of Entire Functions and Their Related Properties	University of Kalyani

Work Experience:

Institution	Designation	Date of joining	Date of Ending
Dumkal College, Dumkal, Murshidabad, West Bengal, India.	Assistant Professor	31.10.2019	Service continues till date
Pundibari Jr. High school, Dhupguri, Jalpaiguri, West Bengal, India.	Assistant Teacher	21.07.2011	30.10.2019

Members of Different Selection Committees:

1. Appointed as an Expert for selection of teacher in Mathematics (Purely temporary basis) at G.D. College, Shaikhpara, Murshidabad on 21st June, 2022.
2. Appointed as an Expert for selection of teacher in Mathematics (Purely temporary basis) at Sagardighi KKS Mahavidyalaya, Murshidabad on 14th December, 2021.

Memberships:

- Life member of Indian Mathematical Society (**L/2016/149**).
- Life member of Calcutta Mathematical Society (**LM/128**).
- Life member of Vijñāna Parishad of India (**No-340**).

Ph.D. completed from the Department of Mathematics, University of Kalyani, P.O.: Kalyani, Dist.: Nadia, Pin: 741235, West Bengal, India on July 13, 2022.

Thesis title: Some Investigation on the Distribution of Zeros of Entire Functions and Their Related Properties

Supervisor: Prof. (Dr.) Sanjib Kumar Datta

Training:

1. Refresher Course on Recent Advancement of Materials Science & Technology organized by the UGC- Human Resource Development Centre (Erstwhile UGC-Academic Staff College), University of North Bengal from 9.11.2022 to 23.11.2022.
2. Online FACULTY INDUCTION PROGRAMME (all disciplines) organized by UGC-HRDC Osmania University, Hyderabad, Telangana from 1.09.2021 to 30.09.2021.
3. Online Instructional School for Teachers on “*Geometry of Complex Functions*” organised by Department of Mathematics, Indira Gandhi National Tribal University, Amarkantak, during July 14 – August 08, 2021.

4. 4-Week Induction/Orientation Programme for “*Faculty in Universities/Colleges/Institutes of Higher Education*” from June 26 to July 24, 2020, organized by Teaching Learning Centre, Ramanujan College, University of Delhi.

Awards:

1. Awarded YOUNG SCIENTIST AWARD in the International Conference for award winners on Engineering, Science and Medicine, held on 12-Nov-2021, Chennai, India, Organized by VDGGOOD Professional Association.

Publications:

1. T. Molla and S.K. Datta: A note on the bounds of zeros of polynomials and certain class of transcendental entire functions, *Jordan Journal of Mathematics and statistics*, Vol. 16, No. 1 (2023), pp.153-163.
2. S. K. Datta and T. Molla: A note on the distribution of zeros of polynomials and certain class of transcendental entire functions, *Jñānābha*, Vol. 52, No. 1 (2022), pp. 149-154.
3. S. K. Datta and T. Molla: A note on the location of poles of meromorphic functions, *Journal of Hyperstructures*, Vol. 10, No. 2 (2021), pp. 137-149.
4. S. K. Datta and T. Molla: On Cauchy's bound for zeros of transcendental entire functions, *South East Asian Journal of Mathematics and Mathematical Sciences*, Vol. 17, No. 3 (2021), pp. 109-118.
5. S. K. Datta, T. Molla, J. Saha and T. Sarkar: A note on the location of zeros of entire functions of finite order in a certain domain, *Ganita*, Vol. 71, No. 1 (2021), pp. 21-31.
6. S. K. Datta, T. Molla, J. Saha and T. Sarkar: On the distribution of zeros of bicomplex valued entire functions in a certain domain, *Scientific Studies and Research. Series Mathematics and Informatics*, Vol. 30, No. 2 (2020), pp. 71-84.
7. SK Datta, T Molla, M Sk, J Saha: A note on the bicomplex version of Enström-Keakeya Theorem, *J. Xi'An Univ. Archit. Technol*, Vol.12, No. 9 (2020), pp. 593-603.
8. S. K. Datta, T. Molla, M. Sk and J. Saha: On the location of zeros of transcendental entire functions, *Ganita*, Vol. 70, No. 2 (2020), pp. 185-192.

Conferences/Seminars/Webinar/Workshops Attended:

1. Presented a paper entitled “*A note on the distribution of zeros of polynomials and certain class of transcendental entire functions*” in the International Conference on Recent Developments in Mathematics Mathematical Sciences during December 9-11, 2021 organized by Calcutta Mathematical Society.
2. Presented a paper entitled “*On Cauchy's bound for zeros of transcendental entire functions*” in the 87th Annual Conference of Indian Mathematical Society organized by

the Department of Applied Sciences, JNEC, MGM University, Aurungabad during December 4-7, 2021.

3. Participated in the Online Workshop on Leadership Development Programme (MID LEVEL) organized by UGC-HRDC Osmania University, Hyderabad, Telangana from 21.10.2021 to 23.10.2021.
4. Participated in the Online Workshop on Curricular Modifications of Undergraduate Courses in Mathematics Under CBCS Pattern organized by Undergraduate Board of Studies, Mathematics, University of Kalyani, Kalyani, West Bengal on July 11, 2021.
5. Participated in the Webinar on Online Workshop on Career Advancement Scheme (CAS) organized by IQAC, Gokhale Memorial Girls' College, Kolkata on June 28, 2021.
6. Presented a paper entitled "*A Note on the Bicomplex Version of Enström-Kakeya Theorem*" in the 86th Annual Conference of Indian Mathematical Society organized by the Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Vellore during December 17-20, 2020.
7. Presented a paper entitled "*On the Location of Poles of Meromorphic Functions on the Basis of Slowly Changing Functions*" in the International Web Conference on Emerging Areas of Mathematics and Mathematical Sciences during December 12-14, 2020 organized by Calcutta Mathematical Society.
8. Participated in the 5-day National Level Online Workshop on Modelling, Complex Dynamics and Stochastic Differential Equation organized by Calcutta Mathematical Society during November 21-25, 2020.
9. Presented a poster entitled "*On the Distribution of Zeros of Bicomplex Valued Entire Functions in a Certain Domain*" in the International Web Conference on the Mathematical Methods and Models in Applied Sciences during November 6-8, 2020 organized by Amity Institute of Applied Sciences, Amity University Kolkata in collaboration with Calcutta Mathematical Society.
10. Presented a paper entitled "*A Note on the Location of Poles of Meromorphic Functions*" in International Webinar on The Role of Applied Mathematics in Present Global Crises during August 5-7, 2020 organized by the Department of Mathematics with Oceanology and Computer Programming, Vidyasagar University.
11. Presented a paper entitled "*On the Generalization of Enström-Kakeya Theorem for Entire Functions*" in International Web-Conference on Complex Analysis and Differential Geometry: Revisiting (IWCADGR-2020) during June 29-30, 2020 organized by the Department of Mathematics in association with IQAC,

Sidho-Kanho-Birsha University.

12. Participated in the Science Leadership Workshop organized by the Central University of Punjab during June 22-28, 2020.
13. Presented a paper entitled “*A Note on the Location of Zeros of Entire Functions of Finite Order in a Certain Domain*” in National Webinar on Mathematical Perspective of COVID-19 Outbreak: Predictions, Precautions, & Preventive Measures (MPCOPPPM-2020) during June 11-12, 2020 organized by the Department of Mathematics in association with IQAC, Sidho-Kanho-Birsha University.
14. Participated in International e- Conference on Emerging Issues in Supply Chain Management: Interruption, Opportunities and Challenges during June 6-7, 2020 organized by the Department of Mathematics, Kazi Nazrul University.
15. Presented a paper entitled “*On Location of Zeros of Transcendental Entire Functions*” in National Seminar on Mathematical Sciences (NSMS-2020) during January 09-11, 2020 organized by the Department of Mathematics, University of Burdwan.

Acted as a Referee /Reviewer of the following journal

1. Jordan Journal of Mathematics and Statistics
