



THE BHAWANIPUR EDUCATION SOCIETY COLLEGE

ACADEMIC DEPARTMENT: GEOGRAPHY

FACULTY ACADEMIC PROFILE / CV

Full Name of the Faculty Member: Dr. Tanima Talapatra

Designation: College Whole Time Teacher (CWTT)

Specialization: Urban Geography and Transportation



BIOGRAPHICAL SKETCH

Dr. Tanima Talapatra is currently associated as College Whole Time Teacher (CWTT) in the Department of Geography, The Bhawanipur Education Society College, affiliated to the University of Calcutta. She has obtained her B. Sc. Honours (First Class) in Geography from Lady Brabourne College and M. Sc. (First Class) in Geography from Ballygunge Science College, the University

of Calcutta. She has qualified the UGC-NET in Geography in 2014. She was awarded her Ph.D. (Sc.) Degree from the Department of Geography, University of Calcutta in 2023. Previously, she has worked as Part Time Lecturer at Sarsuna College and The Bhawanipur Education Society College and also as Guest Lecturer in Asutosh College, Dinabandhu Andrews College and The Bhawanipur Education Society College, Kolkata. She is the recipient of several awards including the “Outstanding Paper” award by the Department of Science & Technology and Biotechnology, Government of West Bengal, and National Scholarships Scheme by the Education Department, Government of West Bengal. She secured First place in Vivekananda College for Women in Annual Examination (Class XI), 2000 and Higher Secondary Examination, 2001. She was awarded the Certificate of Merit from Micro Solutions in recognition of the successful completion of the Certificate Course on Geographical Information System (GIS). She has published numerous research papers in reputed journals and well-acclaimed conferences (national and international). She has also participated in several seminars, conferences, workshops and faculty development programmes.

CONTACT INFORMATION

- **Contact Address (Office):** 5, Lala Lajpat Rai Sarani, Kolkata-700020, West Bengal, India
- **Contact Number (Office):** (033) 4057-7706 / 07
- **E-Mail ID (Official):** tanima.talapatra@thebges.edu.in
- **Mobile Number:** 8017410668

ACADEMIC QUALIFICATIONS

| Degree | Name of the College / University/ Institution | Class Obtained | Area of Specialization | Year of Passing |
|------------------------------|---|--|------------------------------------|------------------------|
| Ph.D. (Sc.) in Geography | University of Calcutta | N.A. | Urban Geography and Transportation | 2023 |
| UGC-NET | University Grants Commission | N.A. | Geography | 2014 |
| M.Sc.in Geography | Ballygunge Science College, University of Calcutta | First Class | Regional Planning | 2006 |
| B.Sc. Honours in Geography | Lady Brabourne College, University of Calcutta | First Class | Regional Planning | 2004 |
| Higher Secondary Examination | Vivekananda College for Women, West Bengal Council of Higher Secondary Education | First Division with Star marks (College Topper) | N.A. | 2001 |
| Madhyamik Examination | Barisa Girls High School, West Bengal Board of Secondary Education | First Division | N.A. | 1999 |

POSITION HOLDING (College Whole Time Teacher)

College Whole Time Teacher (CWTT), Department of Geography, The Bhawanipur Education Society College, University of Calcutta, 10.11. 2025 – Present.

POSITIONS HELD

- Worked almost 2 years as Part-time Lecturer in the Department of Geography in Sarsuna College, Kolkata from September 2007 to July 2009.
- Worked 2 years as Guest Lecturer in the Department of Geography in Asutosh College from the Academic Session 2013 to 2015.
- Worked almost 2 years as a Guest Lecturer in the Department of Geography in Dinabandhu Andrews College from January 2015 to October 2016.
- Worked almost 4 months as Guest Lecturer in the Department of Geography in The Bhawanipur Education Society College from May 2024 to September 2024.
- Worked almost 1 year 2 months as Part-time Lecturer in the Department of Geography in The Bhawanipur Education Society College from September 2024 to November 2025.

RESEARCH EXPERIENCE

- Over 8 years of research experience in the field of environmental pollution, urbanization, transportation and urban health conditions.

RESEARCH INTERESTS

- Regional Development and Planning
- Urban Geography and Transportation
- Environmental Issues and Public Health
- Spatial Data Analysis and Mapping

AWARDS

- Recipient of the prestigious Outstanding Paper Award by the Department of Science & Technology and Biotechnology, Government of West Bengal for the research paper titled “VCP⁴- Design and Implementation of a Novel 4-tier Vehicular Congestion Prediction Model for Urban India” in the 7th Regional Science & Technology Congress, , 2025 under the focal theme: Applications of Emerging Technologies including AI/ML (Scientific Discipline) held on 17th-18th January, 2025 at Presidency University, Kolkata.
- Awarded the prestigious Certificate of Merit from National Scholarships Scheme, Education Department, Government of West Bengal in recognition of the high position secured in Higher Secondary Examination, 2001.
- College Topper (HS Examination) – Secured the First Position in Vivekananda College for Women in Higher Secondary Examination, 2001.
- College Topper (Class XI) – Secured the First Position in Vivekananda College for Women in Annual Examination (Class XI), 2000.

RESEARCH PUBLICATIONS

- Tamal Chakraborty and Tanima Talapatra. (2025). A Novel Sequence Similarity Framework to assess the Impact of Transportation on Air Pollution in Kolkata. International Research Journal of Basic and Applied Sciences, vol. 10, pp. 24-31. ISSN: 2455-6718. RNI: WBENG/2016/76189.
- Tamal Chakraborty and Tanima Chakraborty. (2025). VCP⁴-Design and Implementation of a Novel 4-Tier Vehicular Congestion Prediction Model for Urban India. 32nd West Bengal State Science & Technology Congress. Department of Science & Technology and Biotechnology, Government of West Bengal, pp. 207.
- Tanima Chakraborty and Manasi De. (2018). Comprehensive Assessment of Transportation and its Problems in Kolkata. Indian Journal of Regional Science, vol. Special, pp.78-85. ISSN: 0046-9017 (Print).

- Tanima Chakraborty and Manasi De. (2017). Effect of Transportation on Urban Health and Environment in Kolkata. Indian Journal of Landscape Systems and Ecological Studies, ILEE, Kolkata, vol. 40, no.1, pp.139–148. ISSN: 0971-4170.
- Tamal Chakraborty and Tanima Chakraborty. (2017). Design and Analysis of a Novel Mathematical Model Towards Realizing the Need for Intelligent Transportation System in Indian Cities. IEEE, International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN). doi:10.1109/ICRCICN.2017.8234503
- Tanima Chakraborty and Manasi De. (2017). Air Pollution and Its Probable Impact on the Pregnant Women of Kolkata. Women’s Studies Centre, Lady Brabourne College, Kolkata, vol.8, pp.119-122. ISSN: 2395-4299.
- Tanima Chakraborty and Manasi De. (2018). An Assessment of Sustainable Development in the context of Road Transport System in Kolkata: Case Study of Ward No.91 and ward no.123. National Seminar on The World of Geography, Foundation of Practising Geographers, pp. 110. ISSN: 0975-3850.

PAPER PRESENTATIONS AT CONFERENCES/SEMINARS

- ‘An Assessment of Sustainable Development in the context of Road Transport System in Kolkata: Case Study of Ward No.91 and ward no.123’ in the National Seminar on The World of Geography, organized by Foundation of Practising Geographers, held during 23-24th March, 2018 in Kolkata.
- ‘Transportation and Urban Environment-An Analysis in Kolkata’ in the National Seminar on Changing Physico-Cultural Landscape: Threats and Opportunities, under UGC DRS Phase II (SAP-I) Programme, Department of Geography, University of Calcutta, held during 29-30th March, 2017 in Kolkata.
- ‘Effects of Transportation on Urban Air Quality and its impact on Health-A Geographical Observation on Kolkata’ in the National Seminar on Geography: A Science of Man and Environment, organized by Foundation of Practising Geographers, held during 24-25th February, 2017 in Kolkata.

- 'Comprehensive Analysis and Assessment of Transportation and its problems in Kolkata' in the International Conference on Urbanization and Regional Sustainability (47th Annual Seminar of Regional Science Association, India), organized by Department of Geography, University of Calcutta, held during 28-30th January, 2016 in Kolkata.

CONFERENCES AND SEMINARS ATTENDED

- Awarded Certificate of Participation on the Conference on Transport in Kolkata: Problems and policies, organized by Centre for Urban Economic Studies, Department of Economics, University of Calcutta, on 7th February, 2009.
- Awarded Certificate of Participation on online Lecture “যক্ষপুরীর শ্রমকজীবন” organised by The Bhawanipur Education Society College and Lady Brabourne College, Department of Bengali, as part of collaborative initiative to commemorate 100 years of Rabindranath Tagore’s Raktakarabi, on 16th November 2025.
- Participated in the one-day National Seminar on “Mapping the Contours: Postcolonial Praxis in Post-Truth World”, organized by The Department of English, The Bhawanipur Education Society College, on 1st November, 2025.
- Awarded Certificate of Participation on the Add-On Course on “Eco-Fiction: Forest, Literature and the Human Condition”, organised by the Department of Bengali, The Bhawanipur Education Society College (IQAC approved), 2025.

WORKSHOPS ATTENDED

- Awarded Certificate of Participation on in the One-day Workshop in Geography on ‘Practical for Semester 3 to 6’ under CCF, 2022, organized jointly by the Department of Geography, Vivekananda College for Women, Barisha in collaboration with the Undergraduate Board of Studies in Geography, University of Calcutta on 16th June, 2025.

- Awarded Certificate of Participation on the ‘Super Searchers Workshop’ conducted by Learning Links Foundation in partnership with Google on 18th January, 2025.

FDP ATTENDED

- Awarded Certificate on successful completion of the Five Day Faculty Development Programme on “Leveraging Modern Data Tools and AI for Enhanced research Practices and Ethical Considerations” jointly organised by the Faculty Development Committee & IQAC of The Bhawanipur Education Society College in collaboration with Ramakrishna Mission Vivekananda Centenary College Rahara from 1st December 2025 to 5th December 2025.

EXTRA-CURRICULAR ACTIVITIES

- Awarded Second Position in the Poster making competition organised by the Department of Bengali, The Bhawanipur Education Society College, 2025.
- Awarded Medal for securing First Division in Rabindra Sangeet for four consecutive years while obtaining Diploma of Sangeet Visharad Pratham Khand and Sangeet Bhushan (Part I, II & Final) by Pracheen Kala Kendra, Chandigarh.

Janima Talapatra

Signature of the Faculty Member

Date: 10th February, 2026