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EDUCATION

The University of Burdwan, Barddhaman, West Bengal, India

Ph.D. : Geography - Interdistrict variation of Female-Male Ratio in West Bengal (2021)

Presidency University, Kolkata, West Bengal, India

Master of Science : Geography (2013)

Presidency College, University of Calcutta, Kolkata, West Bengal, India

Bachelor of Science : Geography - Honours (2011)

WORK EXPERIENCE

Assistant Professor of Geography, 11/2023 - Current

Visva-Bharati, Santiniketan, India

Assistant Professor of Geography, 08/2016 - 11/2023

Krishnagar Government College, Nadia, India

Assistant Professor of Geography, 09/2014 - 08/2016

Darjeeling Government College, Darjeeling, India

PUBLICATIONS

- **"Disparities in Development of Mouzas in Binpur-I Block, West Bengal – A Geoinformatics Approach"**, I. Saha and A. Sarkar, *Asian Studies*, 2013, Vol. XXXI, No. 2, 49-55 [ISSN 0970-7301].
- **"Analysis of Age-Sex Composition of West Bengal, 1961-2011"**, I. Saha and A. Sarkar, *Indian Journal of Spatial Science*, March, 2015, Vol. 6.0, No. 1 (Summer Issue), 14-21 [ISSN 2249-3921].
- **"Sex Ratios of different Subcategories of Population in the district of Darjeeling, West Bengal"**, I. Saha, *Indian Journal of Spatial Science*, September, 2018, 83-91, vol. 9.0 no. 2 (Autumn Issue), [ISSN 2249-3921].
- **"Trend Surface Analysis of Sex Ratios of Population, West Bengal, 1991-2011"**, I. Saha and A. Sarkar, *Indian Journal of Spatial Science*, March, 2020, 76-83, vol. 11.0 no. 1 (Spring Issue), [ISSN 2249-3921].

- **“Modelling the Spatial Heterogeneity of Female-Male Ratio in West Bengal, India”**, I. Saha, Spatial Demography, June, 2022, <https://doi.org/10.1007/s40980-022-00107-z>
- **“Gender inequality in West Bengal, India: Evidences from the last 100 years”**, I. Saha and A. Sarkar, Indian Journal of Spatial Science, September, 2022, 110-121, vol. 13.0 no. 3 (Autumn Issue), [ISSN 2249-3921].
- **“Spatio-temporal Disparity of Female-Male Ratio, Ondal C. D. Block, Barddhaman District, West Bengal, 1991-2011”**, I. Saha and A. Sarkar, In ‘Applications of Geospatial Technology for Sustainable Development’, Ed. D.K. Mandal, University of North Bengal, Siliguri, West Bengal, India, 2015, 286-300 [ISBN 978-81-921692-7-9].

CONFERENCE
PRESENTATIONS

- Presented a Poster entitled **“Creation and Utilities of Geographic Database”** at a National level Seminar by Indian Society of Remote Sensing at University of Calcutta on 12th August, 2013.
- Presented a paper entitled **“Regional Disparities in Development – A village level study of Binpur-I Block, West Bengal”** at UGC Sponsored National Seminar on ‘Contemporary Issues on Environment & Development in India and Adjacent Countries’, organized by Kalyani Mahavidyalaya on 20-21st September, 2013.
- Presented a paper entitled **“Identification, Measurement and Mapping the Backward Gram Panchayats of Binpur-I Block – a Geoinformatics Approach”** at 1st International Conference of Association of Punjab Geographers’ at Kurukshetra University, Kurukshetra on 4-5th October, 2013.
- Presented a paper entitled **“Spatial Dimensions of Transport System of Andal Block, Burdwan, West Bengal – A Geoinformatics Approach”** at Institute of Indian Geographers 35th Indian Geographers’ Meet & International Conference, University of Burdwan on 11-13th November, 2013.
- Presented a paper entitled **“Information System and Cartographic Abstraction”** at International Conference of Regional Science Association, Dharwad, on ‘Environmental Management for Sustainable Development’ on 20-21st December, 2013.
- Presented a paper entitled **“Structure of the Rural Census Houses of West Bengal, 2011 – A Geographical Appraisal”** at National level UGC sponsored Seminar, North Bengal University on 6-7th March, 2014.
- Presented a paper entitled **“Analysis of Age-Sex Structure of West Bengal, 1961 – 2011”** at National level Conference sponsored by Association of American Geographers and Aarogya Seva, The Indian Institute of Geographical Studies, Bangalore on 9-11th June, 2014.
- Presented a paper entitled **“Spatio-temporal Disparity of Female to Male Ratio, 1991 - 2011– Ondal CD Block, Barddhaman District, West Bengal”** at National level UGC sponsored Seminar on ‘Applications of Geospatial Technology for Sustainable Development’, organized by North Bengal University on 13-14th February, 2015.
- Presented a paper entitled **“Geographic Perspective of Demographic Development, West Bengal”** at National level ICSSR sponsored Seminar, St. Joseph’s College, Darjeeling on 29-30th March, 2015.

- Presented a paper entitled "**Measuring, Mapping and Monitoring the FMR Transitions in India, 1901 – 2011**" at International Level IUSSP sponsored Bhopal Seminar 2016 on 'Population Transition in India -Challenges and Opportunities', on 14-16th January, 2016.
- Presented a paper entitled "**Analysis of Female Male Ratio of different subcategories of Population of West Bengal for 2001 and 2011**" at UGC Sponsored National Level Seminar on 'Development Induced Changes, Environmental Concerns and Sustainable Management', organized by Department of Geography, Rabindra Bharati University on 10-11th March, 2017.
- Presented a paper entitled "**Geospatial variation of Age-Specific Female-Male Ratio of West Bengal**" at The 11th Deccan Geographical Society, Indian International Congress on 'Geospatial Solutions to Urban and Regional Environmental Issues', organised by Department of Geography, Osmania University, Hyderabad on 27-29th September, 2017.
- Presented a Poster entitled "**Dynamics of Crude Female-Male Ratio of West Bengal - A Geostatistical Approach**" at The 2nd Regional Science and Technology Congress, 2017 (Southern Region) organised by Department of Science & Technology, Government of West Bengal on 14-15th December, 2017.
- Presented a paper entitled "**Nature of Age specific Female - Male Ratio of West Bengal, 2011**" at the 39th Annual Meet and Conference of Institute of Indian Geographers on 'Population, Environment and Sustainable Development', organized by Department of Geography, Ravenshaw University, Cuttack, Odisha on 26-28th December, 2017.
- Presented a paper entitled "**Variability study and trend surface fitting for different sex ratio, West Bengal**" at the 39th Annual Conference of Indian Association for the Study of Population on 'Population, Gender and Development', held at Banaras Hindu University, Varanasi, U.P., on 18-20th September, 2018.
- Presented a Paper entitled "**Examining the interdependence of Sex Ratio and Migration in West Bengal**" at The 3rd Regional Science and Technology Congress, 2018 (Southern Region) organised by Department of Science & Technology, Government of West Bengal on 18-19th December, 2018.
- Presented a Paper entitled "**Comparative study of gender ratio in Darjiling hills and Sundarban waters**" at ICSSR-ERC Sponsored National Conference on 'Challenges of Management of 21st Century: Technology, Environment and Gender' organised by Heritage Business School- Kolkata and Department of Economics Durgapur Women's College on 29-30th March, 2019.
- Presented a Paper entitled "**Spatial Modelling of Female Male Ratio of West Bengal**" at International Conference by International Geographical Union on "Agriculture, Food, Water, Biodiversity and Health in Changing Climate" organised by University of Burdwan on 06-08th March, 2020.
- Presented a Paper entitled "**Landslide Susceptibility Assessment of Hill Stations in Seismic Zone IV and V**" at Two day ICSSR ERC Sponsored National Seminar on "Urbanization, Urban Environment and Sustainability in Himalayan and Sub Himalayan Region" International Conference organised by University of North Bengal on 01st-02nd July, 2023.

HONOURS AND AWARDS

- Received **Dr. B.R. Ambedkar Award** for securing **Third position in Arts in Indian School Certificate Examination** at the Higher Secondary Level conducted by the Council for the Indian School Certificate Examinations (CISCE), New Delhi, 2008.
- Received **Best Poster Award** for '*Dynamics of Crude Female-Male Ratio of West Bengal - A Geostatistical Approach*' at The **2nd Regional Science and Technology Congress, 2017 (Southern Region)**, organised by the Department of Science & Technology, Government of West Bengal, held at University of Kalyani on **14-15th December, 2017**.
- Recognized as **Champion** for '*Assessment of Landslide Susceptibility in Hill Stations within Seismic Zones IV and V: A Geospatial Approach*' at The **IIT Bombay FOSSEE Mapathon 2023**, organised by FOSSEE (Free/Libre and Open Source Software in Education) Project, Indian Institute of Technology Bombay in association with IIT Tirupati Navavishkar I-Hub Foundation, the Rural Data Research and Analysis Lab, IIT Bombay, and the Tamil Nadu Skill Development Corporation, Government of Tamil Nadu on **22nd February-06th May, 2023**.