

FACULTY MEMBERS' ACADEMIC PROFILE



1. **Name of the Faculty member:** Indrita Saha
2. **Designation:** Assistant Professor in Geography (W.B.E.S.)
3. **Qualification:** Ph.D.
4. **Specialization:** Advanced Cartography and Geoinformatics
5. **E-mail address:** indrita.saha@gmail.com
6. **Date of Joining in W.B.E.S.:** 01.09.2014
7. **Date of Joining in this College:** 22.08.2016
8. **Total Teaching experience in College level:** 8+ years (UG + PG)
9. **Research interests:** Population Geography and Applied Cartography
10. **Title of thesis (Ph.D.) with year:** 'Interdistrict variation of Female-Male Ratio in West Bengal' in 2021
11. **Research guidance:** Supervised 19 PG dissertation till December 2022.
12. **Research Projects (Completed and ongoing):** Nil
13. **List of publications:**

**A) Published papers in Journals:**

1. "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].
2. "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].
3. "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].
4. "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].
5. "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>
6. "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].

**B) Chapters in Books:**

1. "Regional Disparities in Development – A village level study of Binpur-I Block, West Bengal", **I. Saha** and A. Sarkar, In '*Contemporary Issues on Environment and Development in India and Adjacent Countries*', Ed. S. Majumder, Sandhya Prakashani, Kolkata, **2013**, 460-468 [ISBN 978-81-928047-2-9].

2. "Spatio-temporal Disparity of Female-Male Ratio, Ondal C. D. Block, Bardhaman 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].

**14. Membership of Learned Societies/ Editorial Boards, etc.:**

Life Member of Indian Society of Spatial Scientist

**15. Patents:** Nil

**16. Awards:**

1. 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.
2. Received **Best Poster Award** for '*Dynamics of Crude Female-Male Ratio of West Bengal - A Geostatistical Approach*' at The **2<sup>nd</sup> 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 **14-15<sup>th</sup> December, 2017**.

**17. Other notable activities:**

1. Acted as **Event Manager** jointly with the Office of the District Magistrate for conducting "**Systematic Voters' Education and Electoral Participation (SVEEP)**" programme in Darjeeling on **02<sup>nd</sup>- 03<sup>rd</sup> April, 2016**.
2. Acted as **Resource Person** and delivered lecture on "*Demography of Rajasthan through Maps and Geoinformatics*" in St. Joseph's College, Darjeeling on **29<sup>th</sup> November, 2015**.
3. Acted as **Resource Person** and delivered lecture on "*Application of Geographical Information in Entrepreneurship*" at **EAC (Entrepreneurship Awareness Camp)** funded by DST under the scheme **DST-NIMAT** at Heritage Business School on **25-27<sup>th</sup> October, 2017**.
4. Supervised Departmental Excursion of **41 students** of **UG 3<sup>rd</sup> Year (Hons)** to Bethuadahari Mouza, Nadia on **30<sup>th</sup> November - 01<sup>st</sup> December, 2017**.
5. Supervised Departmental Excursion of **6 students** of **PG Semester IV (Urban special paper)** to Andal C.D. Block, Paschim Bardhaman, **March, 2019**.
6. Supervised Departmental Excursion of **14 students** of **PG Semester III** to Ajodhya Mouza, Purulia, **December, 2022**.

**18. A) Participation in Seminars/Symposia/Conferences/Workshops:**

1. **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 **12<sup>th</sup> August, 2013**.
2. **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 **20-21<sup>st</sup> September, 2013**.
3. **Presented a paper** entitled "*Identification, Measurement and Mapping the Backward Gram Panchayats of Binpur-I Block – a Geoinformatics Approach*" at **1<sup>st</sup> International Conference of Association of Punjab Geographers**' at Kurukshetra University, Kurukshetra on **4-5<sup>th</sup> October, 2013**.

4. **Presented a paper** entitled “*Spatial Dimensions of Transport System of Andal Block, Burdwan, West Bengal – A Geoinformatics Approach*” at **Institute of Indian Geographers 35<sup>th</sup> Indian Geographers’ Meet & International Conference**, University of Burdwan on **11-13<sup>th</sup> November, 2013**.
5. **Presented a paper** entitled “*Information System and Cartographic Abstraction*” at **International Conference of Regional Science Association**, Dharwad, on ‘*Environmental Management for Sustainable Development*’ on **20-21<sup>st</sup> December, 2013**.
6. **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 **6-7<sup>th</sup> March, 2014**.
7. **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 **9-11<sup>th</sup> June, 2014**.
8. Participated in a **Workshop** by Ministry of Human Resource Development, Darjeeling Govt. College on **22<sup>nd</sup> November, 2014**.
9. Participated in a **National level Seminar Series** organized by Department of Geography, Presidency University, **11-12<sup>th</sup> December, 2014** and **22-23<sup>rd</sup> December, 2014**.
10. **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 **13-14<sup>th</sup> February, 2015**.
11. **Presented a paper** entitled “*Geographic Perspective of Demographic Development, West Bengal*” at **National level ICSSR sponsored Seminar**, St. Joseph’s College, Darjeeling on **29-30<sup>th</sup> March, 2015**.
12. **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 **14-16<sup>th</sup> January, 2016**.
13. **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 **10-11<sup>th</sup> March, 2017**.
14. **Presented a paper** entitled “*Geospatial variation of Age-Specific Female-Male Ratio of West Bengal*” at **The 11<sup>th</sup> Deccan Geographical Society, Indian International Congress** on ‘*Geospatial Solutions to Urban and Regional Environmental Issues*’, organised by Department of Geography, Osmania University, Hyderabad on **27-29<sup>th</sup> September, 2017**.
15. **Presented a Poster** entitled “*Dynamics of Crude Female-Male Ratio of West Bengal - A Geostatistical Approach*” at **The 2<sup>nd</sup> Regional Science and Technology Congress, 2017 (Southern Region)** organised by Department of Science & Technology, Government of West Bengal on **14-15<sup>th</sup> December, 2017**.
16. **Presented a paper** entitled “*Nature of Age specific Female - Male Ratio of West Bengal, 2011*” at the **39<sup>th</sup> 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 **26-28<sup>th</sup> December, 2017**.
17. **Presented a paper** entitled “*Variability study and trend surface fitting for different sex ratio, West Bengal*” at the **39<sup>th</sup> Annual Conference of Indian Association for the Study of Population** on ‘*Population, Gender and Development*’, held at Banaras Hindu University, Varanasi, U.P., on **18-20<sup>th</sup> September, 2018**.

18. **Presented a Paper** entitled “*Examining the interdependence of Sex Ratio and Migration in West Bengal*” at The **3<sup>rd</sup> Regional Science and Technology Congress, 2018 (Southern Region)** organised by Department of Science & Technology, Government of West Bengal on **18-19<sup>th</sup> December, 2018**.
19. **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 21<sup>st</sup> Century: Technology, Environment and Gender*’ organised by Heritage Business School- Kolkata and Department of Economics Durgapur Women’s College on **29-30<sup>th</sup> March, 2019**.
20. **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 **06-08<sup>th</sup> March, 2020**.

### **B) Participation in OP/RC:**

1. Participated in the UGC sponsored 37<sup>th</sup> **Orientation Programme**, organized by the UGC-HRDC Kumaun University, Nainital from **5<sup>th</sup> February to 7<sup>th</sup> March, 2018**.
2. Participated in the UGC sponsored **Refresher Course in Environment and Sustainability**, organized by the UGC-HRDC The University of Burdwan, Burdwan from **03<sup>rd</sup> January, 2020 to 16<sup>th</sup> January, 2020**.