

## **BIODATA**

**Name:** Dr. Snehamanju Basu

**Designation:** Professor-SoBAS & Dean (Students and Cultural Affairs)  
Ex-Registrar, Jadavpur University (2018-2024)

### **Educational qualification:**

| <b>Examination<br/>Passed</b> | <b>Year</b> | <b>Board/University</b> | <b>Percentage of marks</b> | <b>Div/Class</b> |
|-------------------------------|-------------|-------------------------|----------------------------|------------------|
| Higher Secondary              | 1975        | WBBHSE                  | 63.3%                      | First            |
| BA(Hons)<br>Geography         | 1980        | Calcutta University     | 56.6%                      | Second           |
| MA<br>Geography               | 1983        | Calcutta University     | 68.8%                      | First            |
| NET                           | 1985        | UGC                     | Qualified                  |                  |
| PhD                           | 1994        | Calcutta University     | Awarded                    |                  |

**Scholarship received UGC junior & senior research fellowship for 5 years**

**Title of the thesis-** “Population Resource Analysis in West Bengal- a Geographical Approach”

**Post Graduate Teaching Experience at Lady Brabourne College- 17 years (2003- 2019)**

**Under Graduate Teaching Experience at Kalinagar Mahavidyalaya and Lady Brabourne College- 20 years (1999-2019)**

**Worked as Part-time Lecturer-** 1995 to 1999 at Lal Baba College, Prafulla Chandra College

**Total Teaching Experience:** 26 years

**Number of registered research scholars:** 10(Registered) (9-Ph.D,1-Post Doc.)

### **Personal Details:**

**Father's Name:** Late Amiya Kumar Basu  
**Address:** 65A, Middle Road, Kolkata-700014  
**DOB-** 23.11.1959  
**Phone:** 9433349913, 9674942855, 033-22656690  
**Email:** drsnehamanju@gmail.com

### **Academic Expertise**

- Guest Faculty at University of Calcutta, Geography Department
- Invited lecturer at Howrah Girl's College, Geography PG Department
- Expert at Interview at Howrah Girl's College, PG Geography Department
- Invited Lecture given at Dhaka University Department of Geography and Environmental Science
- Moderator of Question Paper at SSC
- Paper Setter and examiner at PSC
- Board of Studies Department of Geography, University of Calcutta
- Board of Studies Member at Vidyasagar College, PG Department of Geography
- Board of Studies Member at Ashutosh College, PG Department of Geography
- Board of Studies Member at East Calcutta Girl's College, PG Department of Geography

- Board of Studies Member at Sarsuna College, PG Department of Geography
- Paper Setter and Examiner at Rastraguru Surendranath College, PG Department of Geogrphy
- Paper Setter and Examiner at Ashutosh College, PG Department of Geography
- Paper Setter and Examiner at Netaji Subhas Open University
- Paper Setter and Examiner at Barasat State University
- Head Examiner of Part III practical examinations of geography 2016,2017 and 2018 CU
- Head examiner and question moderator of Part II practical examinations of geography, 2015 CU
- Visiting Lecturer for Phd Course Work in Geography Department, University of Calcutta
- Completed UGC minor research project on pavement dwellers
- Acted as a co-chairperson in an International Seminar at University of Gour Banga
- Acted as a co-chairperson in an International Seminar at University of Burdwan
- Acted as a chairperson in an International Seminar organised by ILEE and Department of Geography (CU), 2014
- Acted as a chairperson in a National Seminar organised by ILEE and Department of Geography (CU), 2016
- Delivered inaugural lecture in a One Day National Level Webinar on Mental Health organised by Centre for Counselling Services and Studies in Self-Development, Jadavpur University on September, 2020
- Acted as Chairperson in International Conference on Sustainable Water Resources Management under Changed Climate organized by School of Water Resources Engineering, Jadavpur University in collaboration with Women's College, Calcutta and NIT, Durgapur in March, 2020.
- Acted as chairperson in a Two Days International Seminar organised by Lady Brabourne College in collaboration with the School of Oceanographic Studies, Jadavpur University, in 2020
- Delivered invited lecture on the occasion of International Women's Day organised by Deshbondhu College for Girls on March, 2020

- Delivered invited lecture “Environment and Urban Space”, in International Seminar Living in Cities: Historical perspectives on Urban Environment, Experiences and Cultures”, organised by Department of History, Jadavpur University.
- Delivered inaugural lecture in National Webinar on Positive Mental Health in the Context of Covid-19 organised by UGC-Human Resource Development Centre, Jadavpur University
- Subject Expert for the purpose of selection of candidates for recruitment to the post of Assistant Master in Geography (English Medium) for New Integrated Govt, Schools under BRGF Scheme in West Bengal Subordinate Educational Service under the Department of School Education, Govt. of West Bengal
- Author of the book entitled “Application of Quantitative Techniques in Population Data Analysis”
- Editor of the book entitled ‘Perspectives on Inclusive Urbanism: Exploring Marginality In Kolkata’ ISBN No: 978-81-925563-7-6
- Published editorial article in the Bengali newspaper Sangbad Pratidin
- Published article in The Telegraph.
- Resource person in the Webinar ‘Future Geographers-V: Exploring the Career Goals and Competencies’ on 3<sup>rd</sup> of July, 2021
- Resource person in a One Week compulsory training course on ‘Benefit Sharing of Forest Ecosystem Services under customary and formal laws: The Way Forward for Forest Development’ nominated by the Ministry of Environment, Forest and Climate Change, Government of India held at WBNUJS. Topic: ‘Introduction to Conservation of Biodiversity in India and its Impact on Industrial Development’.

### **Administrative Experience**

- Acted as Teacher’s Council Secretary in Lady Brabourne College (2014-15)
- Acted as Head of the Department at Kalinagar Mahavidyalaya and was the only faculty member
- Acted as the Head of the Department at Lal Baba College and was the only faculty member during whose tenure Honours course was granted.
- Acted as Teacher’s Council Secretary in Lady Brabourne College (2016-17)
- Organised all Curricular and extra-curricular activities within the college for these sessions.
- Co-Convenor of PG Department of Geography 2015-16
- Convener of Magazine Committee (2015-16)

- Convener of Canteen Committee (2015-16)
- Member of disciplinary committee of College
- Member of IQAC
- Acted as Officer in Charge at regular intervals since 2014 till date
- Part of inspection team prior to the beginning of curriculum in Government Girl's General Degree College (Ekbalpur College)
- Governing body member at Prafulla Chandra College
- Governing body member at Sivnath Sastri College
- Honourable Chancellor's Excellency's Nominee to the court of Diamond Harbour Women's University in terms of section 17(1)(c)(xviii) of the Diamond Harbour Women's University Act, 2012.
- **Chairperson in the Administrative Audit Committee at WBNUJS since 2021.**
- **Member of Statue Committee:**
  - Hindi University
  - Darjeeling Hills University
  - Dakhsin Dinajpur University
  - Alipurduar University
  - Sadhu Ram Chand Murmu University
  - Murshidabad University
  - Mahatma Gandhi University
  - Kanyashree University
  - Harichand Guruchand University
  - Biswa Bangla Biswabidyalay

### **List of Publications and Research Work**

| Sl. No. | Title of the Paper   | Journal Name  | Year | Vol. No. | Page No. | ISSN No.    |
|---------|--|---|------|----------|----------|-------------|
| 1.      | A Review on the Decadal Irrigation System of Shali Water Reservoir | IOP Conference Series Earth and Environmental Science | 2020 | 505      | 1-10     | 1755 - 1315 |

|    |  |  |      |      |         |           |
|----|--|--|------|------|---------|-----------|
| 2. | Estimation of seasonal water yield using InVEST model: a case study from West Bengal, India  | Arabian Journal of Geosciences (Springer Nature)           | 2022 | 1293 | 1-18    | 1866-7538 |
| 3. | Extreme Rainfall Pattern Analysis for Drought Prone Shali Reservoir Area in West Bengal of India   | MAUSAM (India Meteorological Department)                   | 2022 | 43   | 843-858 | 2529416   |
| 4. | Use of support vector machine and cellular automata methods to evaluate impact of irrigation project on LULC                                       | Environmental Monitoring and Assessment (Springer Nature)  | 2023 | 195  | 1-17    | 1573-2959 |
| 5. | Vegetation Condition, Land Surface Temperature, and Air Quality in Shali River Basin, West Bengal, India   | Remote Sensing in Earth Systems Sciences (Springer Nature) | 2023 | 6    | 1-17    | 2520-8290 |
| 6. | Land suitability analysis using a multicriteria decisionmaking approach for optimal irrigation in a medium irrigation scheme in West Bengal, India | Irrigation and Drainage (Wiley)                            | 2023 | 72   | 1-12    | 1531-0361 |

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|-----|--|---|------|------|---------|-------------|
| 7.  | Effectiveness of Hapa as Small Rainwater Harvesting Ponds for Sustainable Agricultural Development in Diversified Arid Regions: Comparative Case Studies From Bankura in India | Journal of Rural Development                                  | 2023 | 42   | 198-217 | 2582-4295   |
| 8.  | Review on present situation of groundwater scenario on Kolkata Municipal Area  | IOP Conference Series Earth and Environmental Science         | 2020 | 505  | 1-10    | 1755 - 1315 |
| 9.  | Evolution of groundwater quality assessment on urban area-a bibliometric analysis  | Groundwater for Sustainable Development (Elsevier)            | 2023 | 20   | -       | 2352-801X   |
| 10. | Monitoring Change in Urbanization and Green Space for Eastern Indian Cities in 30 Years-A Comparison between Kolkata and Bhubaneswar   | IOP Conference Series: Earth and Environmental Science        | 2023 | 1164 | -       | 1755 - 1315 |
| 11. | Changing urban land types and its locational impact on groundwater resources: a case study on Megacity Kolkata   | Environment, Development and Sustainability (Springer Nature) | 2024 | 26   | 1-25    | 1573-2975   |

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|-----|--|--|------------|
| 12. | Review on Present Situation of Groundwater Scenario on Kolkata Municipal Area      | IOP Conf. Series:Earth and Environmental Science 505<br>DOI:10.1088/1755-1315/505/1/012022 | 2020       |
| 13. | A Review on the Decadal Irrigation System of Shali Water Reservoir                 | IOP Conf. Series:Earth and Environmental Science 505<br>DOI:10.1088/1755-1315/505/1/012022 | 2020       |
| 14. | Life and Growth: In the Life of the Spirituality                                   | East Calcutta Girls' College<br>Subho Bondhyopadhyay, Dhansere.<br>ISBN: 978-93-88432-16-0 | 2019       |
| 15. | Bhists of Kolkata - A Vanishing Tribe  | Journal of Business and Economics, USA<br>JBE 20190129-2                                   | 2019       |
| 16. | East Kolkata Wet Lands & its impact on the occupational pattern of the inhabitants | 2 <sup>nd</sup> World Clean Environment Summit<br>ISBN: 978-81-937346-3                    | July, 2018 |
| 17. | The Ponds of Kolkata and reasons for their critical condition- A Case Study        | Contemporary Research Perspective in Geography<br>ISBN:978-81-89140- S4                    | May, 2018  |



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|-----|--|--|----------------|
| 20. | Marriage and Family Related Issues of Rural Women: A study in Haora District, West Bengal<br>Co- Authored by Sutapa Pal  | ILEE ISSN-0971-4170  | April, 2018    |
| 21. | Impact of Female work participation Rate, Leisure and Political Participation on quality of life of Rural Women in Haora District, West Bengal<br>Co- Authored by Sutapa Pal | Indian Journal Of Spatial Science ISSN : 2249-3921, Vol.9(1)   | March, 2018    |
| 22. | Migration of Labor from India to Gulf Countries: how far it supports sustainability<br>Co-authored by Rajesh Das   | Indian Journal of Applied Research   | Aug, 2017      |
| 23. | Marriage and family related issues of rural women in Haora district: Co-authored by Sutapa Pal   | The Indian Journal of Landscape, Ecology and Esthetics Study: Volume 40<br>ISSN no:0971-4170           | June, 2017     |
| 24. | Educational Status of Rural Women and its Impact on Quality of Life in Howrah District: Some Observations  | ILEE- Vol.39(2), ISSN-0971-4170  | December, 2016 |
| 25. | Population pressure, resource crisis and resource management   | Proceeding of National Seminar on Land use planning and management by ILEE and Dept. of Geography (CU) | Sep, 2016      |

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|-----|---|--|-----------------|
| 26. | Promoting social and economic empowerment of women in India: Policies and Programs - an appraisal                   | Newsletter, Women's Studies Centre , Volume 7, ISSN No.; 2395-4299                   | 2016            |
| 27. | Ganga Pollution During Major Festive Season and its Possible Solution co-authored by Sohini Das                     | The Geographic al Society of India<br>ISSN No: 0375-6386                             | 2016            |
| 28. | Housing condition and quality of life of rural women in Haora District: Some Observations co-authored by Sutapa Pal | Lady Brabourne College, Journal of Social Science,<br>ISSN: 2231-3400                | 2016            |
| 29. | Socio-Economic Conditions of the slums in Kolkata: A Case Study of Ward No:82 co-authored by Mohana Basu            | International Journal of Humanities and Social Science Studies<br>ISSN No: 2349-6711 | September, 2016 |
| 30. | Role of Hawkers in Creating Encroachment: A Case Study of Kolkata co-authored by Mohana Basu                        | International Journal of Humanities and Social Science Studies<br>ISSN No: 2349-6711 | July, 2016      |
| 31. | Quality of life among the pavement dwellers in KMDA   | The Indian Journal of Landscape, Ecology and Ekistics Study<br>ISSN no:0971-4170     | June, 2016      |

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| 32. | Pandel Makers- The Great Artisan of Bengal co-authored by Bidisha Barua  | International Journal of Humanities and Social Science Studies<br>ISSN No: 2349-6711   | May 2016       |
| 33. | Impact of demographic variables on India's Development: A quantitative analysis  | The Indian Journal of Landscape, Ecology and Ekistics Study Vol 38(2) ISSN no:0971-4170  | Dec, 2015      |
| 34. | Natural Resource Management with special reference to the state of Indian Agriculture  | Proceeding of International Seminar on Environmental Perspectives and Resource Management  | 2015           |
| 35. | Incidence of Crime against Women: Temporal and Spatial Analysis in West Bengal   | Indian Journal of Landscape Systems and Ecological Studies<br>ISSN:0971-4170   | December, 2015 |
| 36. | Gender inequality: a major social issue: Bagmuni Block in Purulia District: West Bengal co-authored by Bidisha Barua(research scholar) | Proceedings of UGC sponsored National Seminar on Environment and sustainability organized by Dept. of Geography of Prasanta Chandra Mahalanobis Mahavidyalay in collaboration with | November, 2015 |

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|-----|---|--|-------------------------------|
|     |   | CU, ILEEE and WB State University  |                               |
| 37. | Impact of ethics and literature<br>on psychological enrichment                                | Seminar Proceedings of Dept. of Philosophy, The Psychological Counselling cell and the Department of Urdu, Lady Brabourne College<br>ISBN NO: 928421-0-4 | April 26 <sup>th</sup> , 2014 |
| 38. | Changing role of women in Indian Society  | Newsletter: Women Studies, Lady Brabourne College,<br>Issn No: 2395-4299   | March, 2014                   |
| 39. | Domestic violence: A Major Social Issue of the Present Society- Women's Perception of Kolkata | Newsletter: Women Studies, Lady Brabourne College,<br>Issn No: 2395-4299   | March, 2014                   |
| 40. | Human Resource Development on the basis of some selected indicators of Kolkata                | Proceedings of UGC sponsored State Level Seminar by Netaji Nagar College, (C.U)  | February, 2013                |
| 41. | Kamini Ray  | Dyuti  | 2013-2014                     |

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|-----|---|---|---------------|
| 42. | Sectoral Transformation of Working Population - An emerging issue of Rural India: A case study of Chanditala C.D Block-II, Hugli District | Geographical Review of India, Volume 71, published by The Geographical Society of India<br><br>ISSN No: 0375-6386 | March 2009    |
| 43. | The revolution towards gender equality- An Analytical Study of Indian Society   | Journal of Social Sciences, Vol-2, Lady Brabourne College   | 2011          |
| 44. | Assessment of Maternal and Child Health, The most crucial social issue with respect to the state of West Bengal                           | Indian Journal of Landscape Systems and Ecological Studies  | June, 2008    |
| 45. | Women Status in a Changing Society: An analysis of 2001 Cencus  | PG Department Magazine  | 2006          |
| 46. | Relation between Literacy and Population in the West Bengal: A Geographical Approach  | Seminar given in 53- 54 orientation Course, published in Calcutta University                                      | 2002-2003     |
| 47. | Impact of some Selected resources on the literacy of West Bengal  | Research Bulletin   | 1990          |
| 48. | Utilization of Land Resources in the regional development of West Bengal and its impact on population distribution of the state           | Geographical Review of India<br>The Geographical Society of India<br><br>ISSN No: 0375-6386                       | December 1989 |

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|-----|---|--|----------------|
| 49. | Influence Of increase in selected Areal and non- areal resources on the growth of population of West Bengal | Research Bulletin published by the centre for Applied and analytical Geographic Research, Calcutta | March, 1988    |
| 50. | Density Distribution of population in West Bengal as a function of selected Areal Resources                 | Indian Journal of Landscape Systems and Ecological Studies ISSN:0971-4170                          | December, 1987 |

## **PUBLISHED BOOK:**

**Title of Book:** Application of Quantitative Techniques in Population Data Analyses.

**Publisher:** Sahityasree

**Place of Publication:** Kolkata

**Title of Book:** Bharatiya Bhugol

**Publisher:** West Bengal Book Board

**Place of Publication:** Kolkata

**Title of Book:** Society, Pedagogy and Politics: A Multidimensional Approach to Covid-19

**Publisher:** Jadavpur University Press

**Place of Publication:** Kolkata

## **CHAPTER CONTRIBUTION TO JOURNAL**

“Impact of Cultural Assimilation in the Bordering districts of West Bengal post Indian Independence”

**Book name:** Pratidhwani the echo

**Publisher:** International Journal of Humanities and Social Science Studies

ISSN: 2321-9319

UGC Approved

“ Life and Growth: In the Light of the Spirituality”

**Book Name:** ‘Perspectives on Culture and Cognition’ An Interdisciplinary Approach

**Published by:** East Calcutta Girls’ College, Subho Bondhyopadhyay, Dhansere.

ISBN No: 978-93-88432-16-0

**EDITOR**

‘Perspectives on Inclusive Urbanism: Exploring Marginality In Kolkata’ ISBN No 978-81-925563-7-6 year of publication 2018

**Book Chapters :**

| No | Title   | Year | ISBN no           | Editor   | Publisher   | Authorship   |
|----|---|------|-------------------|--|---|--------------|
| 1  | The application of GIS and Geoinformatics in Indian scenario  | 2018 | 978-93-82112-64-8 | Biraj Kanti Mandal   | Netaji Subhas Open University, DD 26, Saltlake sector 1, Kolkata 700064 | Joint Author |
| 2  | Application of geographical information system in management of solid waste: a case study of New Town | 2018 | 978-93-82112-64-8 | Biraj Kanti Mandal   | Netaji Subhas Open University, DD 26, Saltlake sector 1, Kolkata 700064 | Joint Author |
| 3  | Women safety in public places: A case study of Kolkata  | 2018 | 978-0-443-18707-0 | Snehamanju Basu  | Alphanumera   | Joint Author |
| 4  | Evaluation of community response and resilience on climate change: a bibliometric analysis            | 2023 | 978-0-443-18707-0 | Uday Chatterjee, Rajib Shaw, Gouri Sankar Bhunia, Martiwi Diah Setiawati, Soumita Banerjee | Elsevier  | Joint Author |



## **List of Seminars, Presentation and Conferences from 2015:**

| Sl. No. | Title / Details of Programme  | Organized By   | Year |
|---------|---|--|------|
| 1.      | Water scarcity- the most important urban issue: A geographical analysis of Kolkata with special reference to some selected wards            | UGC Sponsored National Seminar<br>by Women's Christian College       | 2015 |
| 2.      | Right to Education in India: A success or failure   | UGC Sponsored National Seminar                                       | 2015 |
| 3.      | Population pressure, resource crisis and resource management  | National Seminar on Land use Planning and Management by ILEE         | 2016 |
| 4.      | Livelihood strategy to overcome poverty: Inter- state migration from Uttar Pradesh, Bihar to West Bengal(A case study of Migrant of Rishra) | International Conference on Urbanization and Regional Sustainability | 2016 |
| 5.      | Livelihood Strategy to overcome Poverty:- Interstate migration from UP, Bihar to WB- A case study of migrants of Rishra                     | International Conference on urbanisation and Regional Sustainability | 2016 |
| 6.      | An Appraisal of urbanisation and level of development in Haora district with special reference to five CD Blocks                            | International Conference on urbanisation and Regional Sustainability | 2016 |
| 7.      | The Rickshaw Pullers of Kolkata: Now and Then   | International Conference on urbanisation and Regional Sustainability | 2016 |
| 8.      | A Study on the Cultural Assimilation of bordering districts of West Bengal  | Itihas Academy Dhaka   | 2016 |

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| 9.  | An Assessment of Industrial Site Suitability for Ranibandh Block , Bankura District , West Bengal with Satabdi Roy        | 3rd international seminar on system dynamics, human nature interaction & societal discourses                            | 2017 |
| 10. | Population , Environment and Sustainable Development  | 39 <sup>th</sup> annual meet and conference, IIG,2017   | 2017 |
| 11. | Living of Zari workers: a brief study about zari ornament firms for clay idols of shimul beria village with Subhra Halder | 3rd international seminar on system dynamics, human nature interaction & societal discourses                            | 2017 |
| 12. | West Bengal With Its Emerging Population Growth And Effects On Employment with Suddhasil Bose                             | 4 <sup>th</sup> International Seminar on “Population, Urbanization and Environment: Contemporary Issues and Challenges” | 2018 |
| 13. | Population Pressure on the major canals of Kolkata- A Short Overview  | National Conference on the application of Geo Spatial Technology in Research and Development                            | 2018 |
| 14. | Maternal Health Status, a case study of Ward No. 20 Under South Dumdum Municipality, North 24 Parganas                    | International Conference on Society and Sustainability and interdisciplinary approach                                   | 2019 |
| 15. | Special Guest of Honour in the 6th Convention of Society for Ethnopharmacology, India and National Seminar 2019           | School of Natural Product Studies, Jadavpur University  | 2019 |
| 16. | Sustainable Development and Inclusive Growth: Methods to Methodology  | Two Day International Seminar organised by Lady Brabourne College   | 2020 |
| 17. | Refresher Course on “Disaster Management”   | Centre for Disaster Preparedness & Management   | 2020 |
| 18. | A Study on the Consequences of over migration and highlighting the condition of children of the Migrants                  | 34 <sup>th</sup> International Geographical Congress, Turkey  | 2021 |
| 19. | The Webinar – Future Geographers-V: Exploring the career goals and competencies, 2021                                     | Adamas University   | 2021 |
| 20. | High Performance Thin Layer Chromatography for Quality Evaluation and validation of Natural Products                      | School of Natural Product Studies, Jadavpur University  | 2021 |

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| 21. | Guest of Honour to IISRR National Workshop/ Seminar on NAAC Process  | Indian Institute of Social Reforms and Research             | 2022 |
| 22. | Guest of Honor on the Capacity Building & Training on Instrumental Techniques on “Triple Quadrupole Gas Chromatography Mass Spectroscopy and High-Performance Liquid Chromatography” | School of Natural Product Studies, Jadavpur University      | 2022 |
| 23. | Invited Speaker in the seminar titled “Urbanisation India: Its Challenges”   | NIT, Silchar  | 2022 |
| 24. | National Seminar “Translational Research on Indian Medicinal Plants”   | School of Natural Product Studies, Jadavpur University      | 2022 |
| 25. | Delivering Lecture at Institute of Bio resources and Sustainable Development, Imphal   | Institute of Bioresources & Sustainable Development, Imphal | 2022 |
| 26. | Participated as Session Chairperson in the National Seminar on “Role of Medicinal Plants to combat metabolic disorders and associated pathological complications”.                   | School of Natural Product Studies, Jadavpur University      | 2023 |
| 27. | Chairperson on the 8 <sup>th</sup> Ayurveda Day “ Ayurveda for one Health”   | School of Natural Product Studies, Jadavpur University      | 2023 |
| 28. | Invitation as the Chief Guest at SRISTI 2023.  | Jalpaiguri Government Engineering College (Autonomous)      | 2023 |
| 29. | Education Symposium  | Department of Higher Education, Govt. of West Bengal        | 2023 |

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|-----|---|---|------|
| 30. | Invitation to Dr. Snehamanju Basu for Workshop on Prospects of Taking Geography as a Subject on 6th April,2024  | Aditya Birla Vani Bharati   | 2024 |
| 31. | Participated as Invited Speaker in the National Seminar on “ Role of Medicinal Plants to ameliorate diabetes and related disorders”                         | School of Natural Product Studies, Jadavpur University  | 2024 |
| 32. | Chaired the Thirty Ninth Annual Sri Aurobindo Memorial Lecture organized by the Centre for Sri Aurobindo Studies, Dept. of Philosophy, Jadavpur University. | Centre for Sri Aurobindo Studies, Dept. of Philosophy, Jadavpur University.                               | 2024 |
| 33. | Symposium on “Chamber-led Initiatives: Connecting Academia and Industry through Internships”.   | Calcutta Chamber of Commerce in association with the Department of Higher Education, Govt. of West Bengal | 2024 |
| 34. | National Seminar on "Trends in Biomedical Research: Advances and challenges" on 30th January, 2024-reg.   | Central Ayurveda Research Institute CCRAS, Ministry of Ayush, GoI   | 2024 |
| 35. | Guest of honour at the International Conference on "Global Education: Learning from International perspectives"   | Swami Vivekananda University  | 2024 |

### **Major Research Projects...**

| Sl. No. | Title of the Project  | Funding agency                       | Status    |
|---------|---|--------------------------------------|-----------|
| 1.      | Socio-Economic Condition of the pavement dwellers in Kolkata: A serious urban Problem                               | UGC                                  | Completed |
| 2.      | Assessment of Pollutational load (Domestic and Industrial Waste) of River Ganga (lower Gangetic Plain)              | Central Pollution Control Board, GOI | Completed |
| 3.      | Scientific Assessment of Coastal Vulnerability and Sustainable Ecosystem Management under changed climate scenario. | NRDMS, DST, GOI                      | Ongoing   |

### **DETAILS OF THE POST GRADUATE RESEARCH GUIDANCE UNDER DR. SNEHAMANJU BASU :**

Have post graduate dissertation and field project guidance experience for more than 15 years.

A few details are attached here:

- Women Empowerment and Self Help Group- A case Study of Churulia Village, West Bengal- Snigdha Banerjee
- Gender Empowerment and Impact- A Special Case Study of Ward No 32 of Rajarhat Gopalpur Municipality- Piya Naskar
- Slum Dwellers in Kolkata- Saila Ejaz
- Educational Infrastructure: A Case Study of Behala Ward No 130 Kolkata Municipal Corporation- Bhaswati Sarkar
- Maternal Health Status: A Case Study of Ward No-20 (Lake Town) South Dum Dum Municipality, North 24 Parganas- Suranjana Daw
- Socio-Economic Wellbeing and Problems faced by the Geriatric Population of Maheshtala Municipality, Ward No-15- Ananya Baidya
- Socio-Economic condition of Hawkers in Serampore Market Place- Shalini Sur Roy

- Effect of Caste and Religion on Fertility Rate in Kolkata ward no 69, Borough 8- Sunita Ghosh
- Reproductive Health Status in Women in Asansol Municipal Corporation- Priya Pal
- Changing Land-Use Pattern In Rajarhat- Debangana Das
- Gender Gap in Education in West Bengal- Debangana Das
- A Socio-Economic Analysis of Pavement Dwellers of Central Kolkata – Debangana Das

**DETAILS OF THE Ph.D RESEARCH SCHOLARS UNDER DR. SNEHAMANJU BASU....**

| <b>SL NO.</b> | <b>SCHOLAR NAME</b>  | <b>DATE OF REGISTRATION</b> | <b>TITLE OF THESIS</b>   | <b>STATUS</b>                    |
|---------------|----------------------|-----------------------------|--|----------------------------------|
| 1.            | Smt. Sutapa Pal      | 03.07.2014                  | Study on Quality of Life of Rural Women in Haora District, West Bengal   | Awarded                          |
| 2.            | Smt. Manisha Sultana | 03.07.2014                  | Impact of tourism on rural economy: A Case Study of Nadia District in West Bengal  | Ongoing                          |
| 3.            | Smt. Kajari Sengupta | 29.04.2014                  | Decling condition of Bidyadhari river and its impact on local habitants: A Geographical Appraisal of The Sweage Canals in Kolkata City | Ongoing                          |
| 4.            | Shri Rajesh Das      | 16.03.2015                  | Migration and related problems: A Case Study of Hugly Industrial Belt, West Bengal   | Completed pre-submission seminar |
| 5.            | Smt. Satabdi Ganguly | 23.02.2017                  | Quality of Life of Aged Population in Haora District   | Completed pre-submission seminar |
| 6.            | Shri Tapas Debnath   | 23.02.2017                  | Impact of Indoor Environmental Quality on Health of Slum Dwellers in Kolkata   | Ongoing                          |
| 7.            | Smt. Sohini Das      | 13.04.2018                  | Status of the General Collegiate Education in West Bengal: A Geographical Analysis   | Awarded                          |
| 8.            | Smt. Supriya Das     | 11.04.2018                  | Transformation of Agro Economic Scenario of Nadia District, West Bengal: A Geographical Analysis                                       | Awarded                          |

I hereby, declare that the above mentioned information is true to the best of my knowledge.

Yours Faithfully,

*Snehamanju Basu*

(Snehamanju Basu)

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