

Curriculum Vitae

(As on 30.11.23)



Dr. Biswaranjan Mistri

Professor and Formar Head, Dept. of Geography

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Date of Birth: 9th September, 1977

Category: SC

Areas of Research Interest: Environmental Geography, Soil and Agriculture Geography

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Google scholar ID- <http://scholar.google.co.in/citations?user=xpIe3RkAAAAJ>

Vidwan ID- <https://vidwan.inflibnet.ac.in/profile/239619>

ResearchGate- <https://www.researchgate.net/profile/Biswaranjan-Mistri>

Educational Qualifications

1. B.Sc.(Hons.) in Geography with Geology and Economics, Presidency College; University of Calcutta, (1999)
2. M.A. in Geography, CSRD/SSS, Jawaharlal Nehru University, New Delhi, (2001)
3. M.A. in Philosophy, The University of Burdwan (2017)
4. Ph.D.(Geography), Titled: “**Environmental Appraisal and Land Use Potential of South 24 Parganas, West Bengal**”, University of Calcutta, Kolkata (2013)
5. (i) NET/UGC (Dec,2000), in Geography
(ii) JRF/CSIR (July, 2001), in EARTH, ATMOSPHERIC, OCEAN AND PLANETARY SCIENCES along with SPMF call for (June, 2002)
(iii) NET/UGC (Dec, 2001), in Geography
(iv) JRF/UGC (June, 2002), in Geography

Teaching Experience

1. Part-Time Lecturer in Geography, Dhruba Chand Halder College, Dakshin Barasat, South 24 Parganas, (8th July2002-15th Sept., 2003)

2. Part-Time Lecturer in Geography, Krishnagar Govt. College, Krishnagar, Nadia, (1st Dec, 2002-15th Sept.2003)
3. Lecturer in Geography, Kashipur M.M. Mahavidyalaya, Kashipur, Purulia, (16th Sept.2003-2nd July, 2007)
4. Assist. Professor, Department of Geography, The University of Burdwan, Burdwan, (3rd July, 2007-15th September, 2009).
5. Assist. Professor (Stage 2), Department of Geography, The University of Burdwan, Burdwan, (16th September, 2009-24th September, 2014).
6. Assist. Professor (Stage 3), Department of Geography, The University of Burdwan, Burdwan, (25th September, 2014 - 24th September, 2017).
7. Associate Professor, Department of Geography, The University of Burdwan, Burdwan, (25th September,2017 - 25th September,2020)
8. Professor, Department of Geography, The University of Burdwan, Burdwan, (25th September,2020 - till date)
9. Head, Department of Geography, The University of Burdwan, (2nd August, 2021-21st September,2023)

Attended in Training Course/ Workshop (Latest First)

1. Workshop on “**Student Guidance, Counseling and Career Planning**” organized by Department of Geography, The University of Burdwan, 25th August, 2018 to 31st August, 2018.
2. UGC Sponsored Short Term Course on “**Environmental Science**” organized by UGC-Human Resource Development Centre, The University of Burdwan, 24th May, 2016-30th May, 2016.
3. UGC Sponsored Short Term Course on “**Environmental Science**” organized by UGC-Human Resource Development Centre, The University of Burdwan, 24th May, 2016-30th May, 2016.
4. UGC Sponsored Short Term Course on “**Remote Sensing and GIS**” organized by Human Resource Development Centre, The University of Burdwan, 29th December, 2015-4th January, 2016.
5. UGC Sponsored Short Term Course on “**Human Rights**” organized by Human Resource Development Centre, The University of Burdwan, June 24-30,2015
6. Training programme on “**Advances in Land Resource Inventory for Enhancing Productivity through Agro-Technology Transfer**” organized by ICAR- National

- Bureau of Soil Survey and Land Use Planning, Regional Centre, Kolkata, 7th – 27th January, 2015
7. UGC Sponsored Refresher Course in “**Indigenous Society and Culture**”, organized by Academic Staff College, The University of Burdwan, 14th October – 3rd November, 2014
 8. Workshop on “**Rabindranath Studies in our Curriculum**” organized by Rabindranath Studies Centre, The University of Burdwan, 31st March, 2011.
 9. UGC Sponsored Refresher Course in “**Environmental Studies**” (*Arts*), organized by Academic Staff College, The University of Burdwan, 18th February- 10th March, 2014
 10. Ph.D. Course Work in Geography, organized by The University of Burdwan, 2011
 11. Workshop on “**Research Methodology in Economics**” organized by Department of Economics, The University of Burdwan, 7-12 June, 2010.
 12. UGC Sponsored Refresher Course in “**Environmental Science**”, organized by Academic Staff College, Jawaharlal Nehru University, New Delhi, 5-30 April, 2010
 13. Workshop on “**Open Source GIS: QGIS**”, organized by the Department of Geography, West Bengal State University, Barasat, Kolkata, 14-16 October, 2009.
 14. UGC Sponsored Orientation Course, organized by Academic Staff College, The University of Burdwan, 3-30 March, 2009
 15. UGC Sponsored Workshop on “**Remote Sensing and GIS-Principle and Applications**”, organized by the Department of Geography & Environment Management, Vidyasagar University, Midnapore, 9-13 February, 2004.

Research Guidance

(I) Ph.D.

A. Awarded (6)

1. Kshudiram Chakraborty, (UGC-NET), **Soil Characteristics based on Agricultural Practices in Selected Blocks of Bardhaman District, West Bengal** (Submitted on 24/07/2018)
2. Alokanda Ghosh, (UGC-JRF), **Status of Maternal Health Care Services in Birbhum District.** (Submitted on 24/09/2019)
3. Mahadev Ghosh, (UGC-NET), **Consequences of Socio-Economic Inequalities on the Demographic Structure and Pattern of Nadia District, West Bengal** (Submitted on: 13/12/2019)
4. Somenath Kar, (UGC-JRF), **Sanitation and Its Implication in Rural Environment**

of Simlapal Block, Bankura District, West Bengal (Submitted on 23/09/2020)

5. Ayanika Sarkar, (UGC-JRF), “**Impact of Social Behaviour on the Status of Female Education in Saltora C.D. Block of Bankura District, West Bengal**” (Submitted on 28/09/2020)
6. Rabiul Hoque Molla (UGC-NET), “**Pattern of Social Development in Selected Blocks of Birbhum District, West Bengal**” (Submitted on 02/04/2022)

B. Ongoing Ph.D. (6)

1. Biswajit Mandal, (UGC-NET), “**Spatial Variation of Socio-Economic Condition of Aged People in Kalyani Subdivision of Nadia District, West Bengal**” (Registered)
2. Utpal Panja (UGC-JRF), “**Spatio-Temporal Dynamicity of Elephant Corridors in West Bengal and Its Impact on Human-Elephant Interface**” (Registered)
3. Soumen Ghosh (UGC-JRF), “**Livelihood Vulnerability in the Context of Coastal Hazards in the Matla-Bidya Inter-Estuarine Zone, Indian Sundarban**” (Registered)
4. Rakhi Mondal, (UGC-JRF), “**Impact of heavy metals on agricultural soil health in industrial area: A study in Jamuria C.D. Block of Paschim Bardhaman District, West Bengal**” (Registered)
5. Piyush Maji (UGC-JRF), “**Agricultural Soil Health and Uses of Agro-chemicals: A Study in the Selected C.D. Blocks of Purba Bardhaman District, West Bengal**” (Registered)
6. Manasree Sarkar (UGC-JRF), “**Study on Expansion of Shrimp Culture and Its Impact on Environment in the Selected C.D. Blocks of Indian Sundarban**” (Registered)

(II) M. Phil. (Dissertation): 10

1. Rakhi Mondal, “**Social Disarticulation, A Major consequence of displacement: a study on Sonepur-Bazari open cast coal mining area in Raniganj coalfield, West Bengal**” Dept. of Geography, The University of Burdwan, 2022
2. Piyush Maji, “**Impact Assessment of Fertilizers on Agricultural Soil Health: A Case Study in Memari-ii C.D. Block, Purba Bardhaman District, West Bengal**” Dept. of Geography, The University of Burdwan, 2022

3. Soumen Ghosh, **“Changing Pattern of Drainage System and Its Impact on Rural Livelihood in Gosaba Island, South 24 Parganas, West Bengal,”** Dept. of Geography, The University of Burdwan, 2019
4. Utpal Panja, **“Human-Elephant Conflict and Its Impact on Rural Livelihood in Sonamukhi Block, Bankura District, West Bengal”**, Dept. of Geography, The University of Burdwan, 2017
5. Rakesh Banerjee, **“Coal Mining and Its Impacts on Rural Livelihood: A Study of Barjora Colliery Area in Bankura District, West Bengal”**, Dept. of Geography, The University of Burdwan, 2017
6. Sandipan Ghosh, **“Hydrogeomorphic Analysis of Pre-Dam and Post-Dam Changes in Lower Damodar River: A Case Study from Rhondia to Paikpara, Bardhaman District, West Bengal”**, Dept. of Geography, The University of Burdwan, 2011
7. Asma Khatun, **“Deterioration of the Saraswati River in West Bengal: Causes and Consequences”**, Dept. of Geography, The University of Burdwan, 2010.
8. Rangana Roy, **“The Health Status of Aged People: A Socio-Spatial Inquiry in Burdwan Town”**, Dept. of Geography, The University of Burdwan, 2009.
9. Sumitra Chandra, **“Social and Civic Status of Slum Dwellers: A Case Study from Howrah Municipal Area”**, Dept. of Geography, The University of Burdwan, 2009.
10. Pinky Choudhury, **“Socio-Spatial Enquiry of Child Women Health in Three Mouzas (JL No. 154, 156 & 208) of Block Memari-I, Burdwan”**, Dept. of Geography The University of Burdwan, 2008.

Ongoing M.Phil.:

1. Soma Biswas, **“Role of Farmers’ Behaviour in Agrarian Crisis: A Case Study in Labpur C.D. Block, Birbhum, West Bengal”**
2. Satyaranjan Das, **“Impact of Reforestation on Environment in Patharpratima C.D. Block of South 24 Parganas, West Bengal, India”**
3. Basudev Roy, **“Nature of Drainage Congestion in Indian Sundarban Region: Causes and Consequences”** (Tentative)
4. Laltu Biswas, **“Embankments: Its Challenges and Potentials in Patharpratima C.D. Block, South 24 Parganas, West Bengal”** (Tentative)

(III) Term Paper in M.A./M.Sc. : 76+

Publication: 105

(I) Editor (Latest First)

1. Assistant Editor, **Resources and Development: Issues and Concerns**, Published by Progressive Publishers, Kolkata-73, October, (2013), ISBN: 81-8064-252-6
2. Associate Editor, **West Bengal Geo-Spatial Issues**, Published by Department of Geography, The University of Burdwan, September, (2012), ISBN:938081320-1

(II) Chapter Contributed to Book (Latest First)

1. Biswaranjan Mistri (2021), “**Mitigation Challenges of Cyclone Bulbul, Amphan amid COVID 19 Pandemic in Indian Sundarban Delta**” in Resonance of Environment, Society and Space-Global Perception through Regional Perspective (pp.46-60) Publisher: La Strada, ISBN: 978-93-88445-78-8
2. Piyush Maji and Biswaranjan Mistri (2021), “**Assessment on the Impact of Plastic-Contaminated Fertilizers on Agricultural Soil Health: A Case Study in Memari II CD Block, Purba Bardhaman, West Bengal, India**”, in Spatial Modeling and Assessment of Environment Contaminants: Risk Assessment and Remediation, Published by Springer, pp. 83-105, ISBN: 978-3-030-63421-6
3. Ayanika Sarkar and Biswaranjan Mistri (2018), “**Dynamics on Education: An Inter Generational Study of Change and Trend in Dhekia Gram Panchayat, Saltora C.D. Block, Bankura District**”, in Biplab Biswas Discourses on Human Nature Interaction in Eastern India, Published by Rhito Prakashan, Kolkata, pp. 198-212, ISBN: 978-81-938090-8-2.
4. Alokanda Ghosh and Biswaranjan Mistri (2018), “**Identifying Potential Areas for Establishing New Health Care Facility Centres in Madurai-I C.D. Block, Birbhum District, West Bengal**”, in Biplab Biswas ‘Discourses on Human Nature Interaction in Eastern India’, Published by Rhito Prakashan, Kolkata, pp. 147-167, ISBN: 978-81-938090-8-2.
5. Chakraborty Kshudiram and Biswaranjan Mistri (2018), “**Unscientific Agricultural Practices and Its Impact on Rural Livelihood in Burdwan-I C.D. Block,**

- Barddhaman, West Bengal**”, in Pan et al. Environmental Geography & Sustainable Society, Published by Concept Publishing Company Pvt Ltd, New Delhi, pp. 269-289, ISBN: 13:978-93-86682-26-0.
6. Ayanika Sarkar and Biswaranjan Mistri (2018), “**A Geographical Inquiry on Sustainability of the Purulia Chhau Dance: An Intangible Cultural Heritage in West Bengal**”, in Pan et al. Environmental Geography & Sustainable Society, Published by Concept Publishing Company Pvt Ltd, New Delhi, pp. 361-381, ISBN: 13:978-93-86682-26-0.
 7. Chakraborty Kshudiram and Biswaranjan Mistri (2017), “**Relation between Soil Texture and Selection of Crops in Burdwan-I C.D. Block, West Bengal: A Geospatial Analysis Using GIS**”, in Pal and Kundu (ed.) Geospatial Technologies for Sustainable Resource Management, Published by Avenel Press, Burdwan, pp. 60-73, ISBN: 978-93-80736-72-3.
 8. Alokanda Ghosh and Biswaranjan Mistri (2017), “**Status of Maternal Risk Factors in Murarai-II C.D. Block, Birbhum District**”, in Pal and Kundu (ed.) Geospatial Technologies for Sustainable Resource Management, Published by Avenel Press, Burdwan, pp. 146-156, ISBN: 978-93-80736-72-3.
 9. Chakraborty Kshudiram and Biswaranjan Mistri (2017), “**Soil Texture and Crop Combination A Study in Mangolkote CD Block, Barddhaman, West Bengal**”, in Sen (ed.) Food security and Urbanization Equilibrium (A Sustainable Man- System Approach), Published by Ashadeep, Kolkata, pp. 286-299, ISBN: 978-93-81245-88-0.
 10. Molla, Rabiul Hoque and Biswaranjan Mistri (2016), “**Socio-Economic Impact on the Pattern of Fluorosis-A Study in Nasipur Village, Nalhati-I Block, Birbhum District, W.B.**”, in Mukhopadhyay et el (ed.) Man-Nature Interface, Published by Sopan, Kolkata, pp. 345-354, ISBN:978-93-82433-68-2.
 11. Ghosh, Mahadeb and Biswaranjan Mistri (2016), “**An Assessment of the Pattern of Relationship between Change of Literacy Rate and Population Growth in Nadia District, West Bengal**”, in Mukhopadhyay et el (ed.) Man-Nature Interface, Published by Sopan, Kolkata, pp. 317-328, ISBN: 978-93-82433-68-2.
 12. Chakraborty Kshudiram and Biswaranjan Mistri (2015), “**Sustainable Management of Soil Resource through Geospatial Technology in Burdwan-I C.D. Block, west**

- Bengal**", in Mandal (ed.), *Application of Geospatial Technology for Sustainable Development*, University of North Bengal, Darjeeling, pp.77-90; ISBN:978-81-921692-7-9
13. Chakraborty Kshudiram and Biswaranjan Mistri (2015), "**Unscientific Agro-techniques in Sanpar Mouza: A Case Study**", in Mukhopadhyay and Gour (ed.), *Bangla O Bangali 2025- A*, Book Centre Publishers and Distributors, Santiniketan, pp. 213-218, ISBN:978-81-921612-4-2.
 14. Mistri, Biswaranjan (2014), "**Construction of Closure on Tidal Creeks and its Effects : A Case Study of Pathar Pratima CD Block of Sundarbans**", in Chattopadhyay and Dutta (ed.), *Nature and Sustainable Development-Impact of Green Accounting*, Published by Academic Staff College, The University of Burdwan, pp. 111-124, ISBN:978-81-927013-0-1.
 15. Dutta Shyamal and Biswaranjan Mistri (2014), "**Solid Waste management and Sewerage Condition in Barddhaman Municipal Area, West Bengal: An Environmental Over view**", in Jana and Sivaramakrishnan (ed.), *Resources and Development-Issues and Concerns*, Progressive Publishers, Kolkata, pp. 365-382, ISBN: 978-81-8064-252-4.
 16. Dutta Shyamal and Biswaranjan Mistri (2014), "**Rural Livelihood in Coastal Environment: A Case Study of Lachhimpur Mouza in Sankarpur Coast of East Midnapore District, West Bengal**", in Dutta & Kuri (ed.), *Rural Livelihood in India-Social, Economic and Environmental Issues*, Serials Publication, New Delhi, pp. 214-244, ISBN: 978-81-8387-613-1.
 17. Chandra Sumitra and Biswaranjan Mistri (2013), "**The Level of Livelihood of Urban Poor: A Case Study from Howrah Municipal Area**", in Karfa & Chatterjee (ed.), *Globalization Governance and Sustainable Development*, Progressive Publishers, Kolkata, pp. 60-75, ISBN: 978-81-8064-237-1.
 18. Bandyopadhyay Panthodip and Biswaranjan Mistri (2013), "**The Change of Pond Water Based Resources in Sundarban after Aila: A Case Study in Kuemuri Mouza, South 24 Pgs, W.B**", in Karfa & Chatterjee (ed.), *Globalization Governance and Sustainable Development*, Progressive Publishers, Kolkata, pp. 218- 229, ISBN: 978-81-8064-237-1

19. Mistri Biswaranjan (2012), **“Land use Change and Sustainable Development in Sundarbans: A Geo-Spatial Issue”**, in West Bengal: Geo-Spatial Issues (ed.), Dept. of Geography, The University of Burdwan, pp. 30-43, ISBN: 978-93-80813-20-2.
20. Bandyopadhyay Panthodip and Biswaranjan Mistri (2011), **“Level of Social Development and Gender Status of a Santal Community: Geographical Inquiry in Senai Village, Hooghly, West Bengal”**, in S.K. Dutta (ed.) Development and Rural Livelihood, Published by Department of Economics, The University of Burdwan, Burdwan, pp.155-169, ISBN: 978-93-80663-20-3.
21. Bhowmick Subhendra and Biswaranjan Mistri (2005), **“Environment: A Way of Looking”**, in H. K. Dutta et al. (eds) Combating Disaster- Perspectives in the New Millennium, ACB Publications, Kolkata, pp.279-283, ISBN: 81-87500-29-8.

(III) Book

1. Panja Utpal and Mistri Biswaranjan (2021), **“Human-Elephant Conflict in Rarh Region of West Bengal: A Study of Life and Rural Livelihood”**. Published in LAP LAMBERT Academic Publishing. ISBN: 978-620-3-20116-1

(III) Research Articles in International Journals (Latest First)

1. Mondal Rakhi and Mistri Biswaranjan (2023), **“Determination of Soil Quality Index of agricultural land adjacent to industrial sites of Jamuria C.D. Block, Paschim Bardhaman District, West Bengal”** Published in Environmental Monitoring and Assessment, Springer, Vol. 195, 1536, DOI: <https://doi.org/10.1007/s10661-023-12156-y>
2. Panja Utpal and Mistri Biswaranjan, (2023), **“Appraisal on human-elephant conflict in multifunctional landscape of the mayurjharna elephant reserve in India”** Published in Geo Journal, ISSN: 0343-2521, Springer DOI: <http://dx.doi.org/10.1007/s10708-023-10886-7>
3. Ghosh Soumen and Mistri Biswaranjan (2022), **“Cyclone-induced coastal vulnerability, livelihood challenges and mitigation measures of Matla-Bidya interfluvial area, Indian Sundarbans”** Published in Natural Hazards, Springer, ISSN: 0921-030X DOI: 10.21203/rs.3.rs-1691223/v1

4. Ghosh Soumen and Mistri Biswaranjan (2022), “**Analyzing the multi-hazard coastal vulnerability of Matla–Bidya inter-estuarine area of Indian Sundarbans using analytical hierarchy process and geospatial techniques**” in *Estuarine Coastal and Shelf Science* 279(3):108144, Springer, ISSN: 0272-7714, DOI: <http://dx.doi.org/10.1016/j.ecss.2022.108144>
5. Maji Piyush and Mistri Biswaranjan (2022), “**Chemical fertilization as potential pathways of heavy metal contents in agricultural soil in Memari II Block, West Bengal, India**” Published in *Pollution Research* 41 (3) : 1008-1015, EM International Publication, ISSN: 0257–8050 DOI: <http://dx.doi.org/10.53550/PR.2022.v41i03.03>
6. Mondal Rakhi and Mistri Biswaranjan (2022), “**Impact of displacement on place attachment, landscape value and trust in the Sonapur–Bazari open cast coal mining area, Raniganj Coalfield, West Bengal**” Published in *GeoJournal* 87(4):1-15, ISSN: 0343-2521 DOI:10.1007/s10708-021-10429-y
7. Mondal Rakhi and Mistri Biswaranjan (2022), “**Changing Pattern of Land Use Land Cover Due to Sonapur–Bazari Open Cast Coal Mine and Its Impact on Surrounding Area, West Bengal, India**” Published in *Journal of the Indian Society of Remote Sensing* 50(9):1-15, Springer .ISSN: 0974-3006 DOI:10.1007/s12524-022-01559-y
8. Mondal Rakhi and Mistri Biswaranjan (2021), “**Opencast coal mining and rural livelihoods: a study of Sonapur-Bazari mine in Raniganj coalfield area, West Bengal, India**” Published in *Mineral Economics* 34(5):1-14, Springer, ISSN:21191-2211 DOI:10.1007/s13563-021-00271-6
9. Ghosh Soumen and Mistri Biswaranjan (2021), “**The anthropogenic influence on the estuarine system of Gosaba Island, Sundarban, India**” Published in *Arabian Journal of Geosciences* 14(18)), Springer, ISSN: 1866-7538 DOI:10.1007/s12517-021-08249-y
10. Ghosh Soumen and Mistri Biswaranjan (2021), “**Assessing coastal vulnerability to environmental hazards of Indian Sundarban delta using multi-criteria decision-making approaches**” Published in *Ocean & Coastal Management* 209(5737):105641, Elsevier, ISSN: 0964-5691 DOI:10.1016/j.ocecoaman.2021.105641
11. Ghosh Soumen and Mistri Biswaranjan (2021), “**Delineating the Influence of Erosion and Accretion to Identify the Vulnerable Zone of Embankment Breaching in**

- Gosaba Island, South 24 Parganas, West Bengal, India”** Published in Journal of the Indian Society of Remote Sensing 49(3–4), Springer, ISSN:0974-3006 DOI:10.1007/s12524-021-01409-3
12. Maji Piyush and Mistri Biswaranjan (2021), “**Plastic Contamination, an Emerging Threat for Agricultural Soil Health: A Case Study in Memari II C.D. Block, Bardhaman, and West Bengal, India**” Published in Pollution Research ,Em international, Vol.40, May Suppl.Issue, pp. S120-S129 ISSN: 0257-8050
 13. Ghosh Soumen and Mistri Biswaranjan (2020), “**Spatio-temporal Change of Drainage Network and its Future Implication to the Estuarine Environment in Gosaba Island, Sundarban, India**” Published in ‘Geography, Environment and Sustainability, Vol. 13(4), pp. 148-158. ISSN: 2542-1565
 14. Ghosh Soumen and Mistri Biswaranjan (2020), “**Coastal Agriculture and Its Challenges: A Case Study in Gosaba Island, Sundarban, India**” Published in ‘Space and Culture’ India, Vol. 8(2), pp. 140-154. E-ISSN: 2052-8396
 15. Ghosh Soumen and Mistri Biswaranjan (2020), “**Geo-Historical Appraisal of Embankment Breaching and Its Management on Active Tidal Land of Sundarban: A Case Study in Gosaba Island, South 24 Parganas, West Bengal**” Published in ‘Space and Culture’ India, Vol. 7(4), pp. 166-180. E-ISSN: 2052-8396
 16. Ghosh Soumen and Mistri Biswaranjan (2020), “**Drainage Induced Waterlogging Problem and Its Impact on Farming System – A Study in Gosaba Island, Sundarban, India**” published in Spatial Information Research, Springer. Vol. 28(6), pp. 709-721. ISSN: 2366-3286
 17. Ghosh, Alokanda and Mistri, Biswaranjan (2020), “**Spatial disparities in the provision of rural health facilities: application of GIS based modelling in rural Birbhum, India**” published in Spatial Information Research, Springer, Vol. 28, pp. 655-668. ISSN: 2366-3286
 18. Mondal, Biswajit and Mistri, Biswaranjan (2019), “**Spatial Variation of Socio-Economic Conditions of Aged People in Chakdaha C.D. Block of Nadia District, West Bengal, India**” published in International Journal of Advance and Innovative Research, Vol. 8(5), ISSN 2278-7844

19. Panja, Utpal and Mistri, Biswaranjan (2018), **“Human-Elephant Conflict in Sonamukhi C.D. Block of Bankura District, West Bengal”** in Space and Culture, India, Vol. 5(3),pp. 97-116, , ISSN: 2052-8396. (UGC Approved, Journal No. 47307)
20. Sarkar, Ayanika and Biswaranjan Mistri (2017), **“Home Environment as Strong Determinant in Academic Involvement of Female Students in Dhekia Gram Panchayat of Saltora C.D. Block, Bankura District”** in Space and Culture, India, Vol. 5(2),pp. 97-116, ISSN: 2052-8396. (UGC Approved, Journal No. 47307)
21. Kar, Somenath and Biswaranjan Mistri (2017), **“Availability of Toilet Facility And Its Use and Misuse in Bikrampur Gram Panchayat, Simlapal C.D. Block, Bankura, West Bengal”**, in International Journal of Innovative Research and Advanced Studies (IJIRAS) Vol. 4 (5), pp. 333-337, ISSN: 2394-4404, (UGC Approved, Journal No. 45791)
22. Ghosh , Alokanda and Biswaranjan Mistri(2017), **“Obstacles in the Utilisation of Maternal Health Care Services in Murarai-II C.D. Block, Birbhum District, West Bengal, India”** in Space and Culture, India, Vol. 4(3), pp. 40-61, ISSN: 2052-8396. (UGC Approved, Journal No. 47307)
23. Ghosh, Mahadeb and Biswaranjan Mistri (2016), **“Literacy Rates and its Impact on Birth Rates in Nadia District, West Bengal, India”** in Space and Culture, India, Vol. 4(2),pp. 80-92, ISSN: 2052-8396. (UGC Approved, Journal No. 47307)
24. Mandal ,Biswajit and Biswaranjan Mistri(2016), **“ Mapping and Monitoring of LULCC Through Integrated Analysis of Multi-Temporal Images and Change Matrix in Gandheswari River Basin”**, in International Journals of Humanities and Social Science Studies(IJHSSS), Vol-II, Issue-V, March, ISSN: 2349-6959, pp.266-276. (UGC Approved, Journal No. 41599)
25. Sarkar, Ayanika and Biswaranjan Mistri (2016), **“Socio-Economic Inequality and Its Impact in Education of Mejhia C.D. Block, Bankura District”**, in PANCHAKOTESAYS, A Multi-Disciplinary, Referred, International Journal), Vol. 7(1), May, pp. 130-143, ISSN: 0976-4968.
26. Chakraborty, Kshudiram and Biswaranjan Mistri(2016), **“Impact of MGNREGS on Pond Ecosystem in Sapor Mouza, Burdwan-I C.D. Block, Bardhaman, west**

- Bengal**”, in PANCHAKOTesSAYS, A Multi-Disciplinary, Referred, International Journal), Vol. 7(1), May, pp.144-154, ISSN: 0976-4968.
27. Ghosh, Alokanda and Biswaranjan Mistri(2016), “**Impact of Distance in the Provision of Maternal Health Care Services and Its Accountability in Murarai-II Block, Birbhum District**”, Journal Space and Culture, India [ISSN 2052-8396] is a peer reviewed International journal in Humanities and Social Sciences, Vol.4,No.(UGC Approved, Journal No. 47307)
 28. Mandal ,Biswajit and Biswaranjan Mistri(2016), “**Socio-Economic Status of Aged People at Dewli and Getugachhi Gram Panchayat in Chakdaha C.D. Block, Nadia District, West Bengal**”, in International Research Journal of Interdisciplinary and Multidisciplinary Studies(IRJIMS), Vol.2(1), February, pp. 8-18, ISSN:2394-7969. (UGC Approved, Journal No. 47520)
 29. Mondal, Biswajit and Biswaranjan Mistri(2016), “**Analysis of Hydrological Inferences through Morphometric Analysis: A Remote Sensing-GIS Based Study of Gandheswari River Basin in Bankura District, West Bengal**”, in International Journals of Humanities and Social Science Studies(IJHSSS), Vol-II, Issue-IV, January, ISSN: 2349-6959, pp.68-80. (UGC Approved, Journal No. 41599)
 30. Sarkar, Ayanika and Biswaranjan Mistri (2015), “**Environmental Impact on Rural Settlement and its Housing Architecture in Baghmundi Block, Purulia, West Bengal**”, in PANCHAKOTesSAYS, a multi-disciplinary, referred, international journal, Vol. 6(2), November, pp. 05-20, ISSN: 0976-4968.
 31. Chakraborty, Kshudiram and Biswaranjan Mistri (2015), “**Relevance of Traditional Water Management Techniques: A Geographical Inquiry**”, in PANCHAKOTesSAYS, a multi-disciplinary, referred, international journal), Vol. 6(2), November, pp.21-34, ISSN: 0976-4968.
 32. Kar, Somenath and Biswaranjan Mistri (2015), “**Spatial Pattern of Hygiene Practices in Bikrampur Gram Panchayat, Simlapal Block, Bankura**”, in PANCHAKOTesSAYS, A Multi-Disciplinary, Referred, International Journal), Vol. 6(2), November, pp.35-42, ISSN: 0976-4968.
 33. Kar, Somenath and Biswaranjan Mistri, (2016), “**Status of Sanitation in Kaniabali and Bara Hetyagera Mouza of Bikrampur Gram Panchayat, Simlapal Block,**

- Bankura, West Bengal**”, in International Journals of Humanities and Social Science Studies(IJHSSS), Vol-II, Issue-IV, January, ISSN: 2349-6959, pp.252-263. (UGC Approved, Journal No. 41599)
34. Chakraborty, Kshudiram and Biswaranjan Mistri (2015), **“Soil Fertility and Its’ Impact on Agricultural Productivity: A Study in Sapar Mouza, Burdwan-I C.D. Block, West Bengal”**,in International Journals of Humanities and Social Science Studies (IJHSSS), Vol-II, Issue-III, November, ISSN: 2349-6959, pp.196-206. (UGC Approved, Journal No. 41599)
35. Ghosh, Alokanda and Biswaranjan Mistri (2015), **“Impact of Morphometric Attributes and Road Networks in Maternal Health Care Services of Birbhum District, West Bengal”**, in International Journals of Humanities and Social Science Studies(IJHSSS), Vol-II, Issue-III, November, ISSN: 2349-6959, pp.219-232. (UGC Approved, Journal No. 41599)
36. Kar, Somenath and Biswaranjan Mistri (2015), **“Practice of Open Defecation and Its Effect on Human Health in Simlapal Block, Bankura, West Bengal”**, Journal of Interacademia, 19(3), pp. 378-390, ISSN: 0971-9016 (UGC Approved, Journal No. 30268)
37. Kar, Somenath and Biswaranjan Mistri (2015), **“Status of Sanitation and Hygiene Practice at Kumardoba Mouza, Simlapal Block, Bankura, West Bengal”**, in PANCHAKOTESAYS, a multi-disciplinary, referred, international journal, Vol. 6(1), May, pp. 155-164, ISSN: 0976-4968.
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39. Ghosh, Mahadeb and Biswaranjan Mistri (2015), **“Socio-Economic Position of Women and its Effect on Population Growth: A Study in Nadia District, West Bengal”**, in International Journal of Humanities & Social Science Studies (IJHSSS), II(I), pp. 100-111, ISSN: 2349-6959 (Online). (UGC Approved, Journal No. 41599)
40. Ghosh, Sandipan and Biswaranjan Mistri (2015), **“Geographic Concerns on Flood Climate and Flood Hydrology in Monsoon-Dominated Damodar River Basin, Eastern India”** in Hindawi Publishing Corporation, Geography Journal, Article ID

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41. Bera, Subhankar and Biswaranjan Mistri (2014), **“Flood in the Lower Damodar Basin and Channel Morphology: A Case Study at the Bifurcation Zone into Damodar and Mundeswari River, West Bengal”** in International Journal of Geology, Earth & Environmental Sciences, May-August, pp. 172-181, ISSN: 2277-2081. (UGC Approved, Journal No. 43023)
42. Chakraborty, Kshudiram and Biswaranjan Mistri (2014), **“Economic Uncertainty in Boro Paddy Cultivation: A Case Study in Sapar mouza, Burdwan-I, West Bengal”** in Journal of Interacademia, April, Vol. 18, Number-2, pp. 230-241, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)
43. Chatterjee, Subarna and Biswaranjan Mistri (2013), **“Analysis of the Factors Responsible for River Bank Erosion: A Study in Shantipur Block, Nadia District, West Bengal”**, in Science Park Research Journal, Vol-1, Issue-7, September, ISSN: 2321-8045. (UGC Approved, Journal No. 45871)
44. Chatterjee, Subarna and Biswaranjan Mistri (2013), **“Impact of River Bank Erosion on Human Life: A Case Study in Shantipur Block, Nadia District, West Bengal”**, in International Journal of Humanities and Social Science Invention, Volume 2 Issue 8 August, PP.108-111, ISSN: 2319 – 7722. (UGC Approved, Journal No. 47449)
45. Roy, Suwendu and Biswaranjan Mistri (2013), **“Estimation of Peak Flood Discharge for an Ungauged River: A Case Study of the Kunur River, West Bengal”** in Geography Journal, Hindawi Publishing Corporation, Article ID 214140, pp. 1-11, ISSN: 2314-4211.
46. Ghosh, Alokanda and Biswaranjan Mistri (2012), **“Dismal Condition of Water Bodies in Urban Landscape: A Case Study on Selected Ponds in Burdwan Municipality, West Bengal”**, in PANCHAKOTEesSAYS A Multi-Disciplinary, Referred, International Journal), Vol. 3(2), November, pp. 89-100, ISSN: 0976-4968.
47. Ghosh, Sandipan and Biswaranjan Mistri (2012), **“Hydrogeomorphic Significance of Sinuosity Index in relation to River Instability: A Case Study of Damodar River, West Bengal, India”**, in International Journal of Advances in Earth Sciences, Vol. 1, Issue 2, pp. 49-57, ISSN: 2278–0092.
48. Dutta, Shyamal and Biswaranjan Mistri (2012), **“Rural Livelihood Pattern of Coastal Village in Purba Medinipur, W.B.”**, in the journal of PANCHAKOTEesSAYS, Vol.

3(1) pp. 93-108, ISSN: 0976-4968.

49. Panja, Utpal and Biswaranjan Mistri (2012), “**Impact of Drought (2010) on Agricultural Land use in Dandulya Mouza, Bankura District, West Bengal**”, in the Journal of Interacademia, pp.-684-694, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)
50. Dutta, Shyamal and Biswaranjan Mistri (2012), “**Problem of Solid Waste Management in Barddhaman Municipality, West Bengal-An Environmental Overview**”, in the Journal of Interacademia vol.16, July-Sept, pp.695-704, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)
51. Panja, Utpal and Biswaranjan Mistri (2012), “**Impact of Drought in a Backward Area A Study in Gangajalhati, Bankura, West Bengal**”, in the journal of PANCHAKOTEesSAYS , Vol-2, No.-3, February, pp.106-115, ISSN: 0976-4968.
52. Panja ,Utpal and Biswaranjan Mistri (2011), “**Aila and Landuse Change in Sundarbans: A case Study in Kuemuri Mouza, South 24 Parganas, West Bengal**”, in the Journal of Interacademia, Vol.-15, No.-4, pp. 588-604, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)
53. Chandra, Sumitra and Biswaranjan Mistri (2011), “**Approach to Select Suitable Choropleth Mapping Technique**”, in the Journal of Interacademia, June, Vol. 15, pp. 240-258, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)
54. Mondal, Mrinal and Biswaranjan Mistri (2011), “**Industrialization and Environmental Protection: A Geographical Enquiry in Nayachar, West Bengal**”, in the Journal of Interacademia, Jan.-Mar., Vol.-15, No.-1., pp. 77-85, ISSN: 0971-9016. (UGC Approved, Journal No. 30268)

(IV) Research Articles in National Journals (Latest First)

1. Chakraborty, Kshudiram and Biswaranjan Mistri (2017), “**Irrigation System and Pattern of Crop Combination, Concentration and Diversification in Barddhaman District, West Bengal**”, in The NEHU Journal, Vol XV, No. 2, July-December 2017, pp.45-65, ISSN. 0972 - 8406

2. Chakraborty, Kshudiram and Biswaranjan Mistri (2017), “**Estimation of Soil Compaction from Bulk Density and its Effect on Crop Production: A Case Study of Burdwan - I CD Block, West Bengal**” in Indian Journal of Spatial Science Vol - 8.0 No. 2 Autumn Issue 2017 pp. 101 – 107, ISSN: 2249 – 3921. (UGC Approved, Journal No. 49077)
3. Roy Suvendu and Biswaranjan Mistri (2016), “**Flooding in the Confluence Zone of the Ajay and the Kunur Rivers, West Bengal: A Hydro-geomorphological Assessment**” in Journal of Indian Geomorphology, Vol.4, 2016, pp.73-83, ISSN:2320-0731. (UGC Approved, Journal No. 48010)
4. Chakraborty, Kshudiram and Biswaranjan Mistri (2016), “**Soil pH as a Master Variable of the Agricultural Productivity in Burdwan-I C.D. Block, Barddhaman, West Bengal**”, in Indian Journal of Spatial Science Vol - 7.0 No. 1 Summer Issue 2016 pp. 55 – 64, ISSN: 2249 – 3921. (UGC Approved, Journal No. 49077)
5. Ghosh, Alokanda and Biswaranjan Mistri (2016), “**Spatial Dichotomy in Maternal Health Status of Birbhum District, West Bengal**”, in Indian Journal of Spatial Science Vol - 7.0 No. 1 Summer Issue 2016 pp. 25 – 35, ISSN: 2249 – 3921. (UGC Approved, Journal No. 49077)
6. Das Srabani and Biswaranjan Mistri (2015), “**Litho-structural Control on Upper Darakeswar Basin, Purulia District, West Bengal**” in Journal of Indian Geomorphology, Vol.3, 2015, pp.48-60, ISSN:2320-0731. (UGC Approved, Journal No. 48010)
7. Maji, Krishnendu and Biswaranjan Mistri (2015), “**Problems and Prospects of Agriculture in Banagram Mouza, Burdwan-II, West Bengal**”, in Madhya Bharti Journal of Science, Vol. 59(2),pp. 23-32, ISSN: 0972-7434. (UGC Approved, Journal No. 45357)
8. Sarkar, Ayanika and Biswaranjan Mistri (2015), “**Evolution of Purulia Chhau : A Spatio-temporal Analysis**”, in Impressions of Eternity, Journal of Language and Literature Studies, Vol. 09-10, Spring-Autumn, pp. 77-96, ISSN : 2229-4813.
9. Das, Shrabani and Biswaranjan Mistri (2015), “**Tectono-Morphic Analysis of Upper Darkeswer Basin, Purulia District, West Bengal**”, in Transactions, Vol.37,No.2, pp. 281-290, ISSN:0970-9851. (UGC Approved, Journal No. 34831)

10. Maji, Krishnendu and Biswaranjan Mistri (2015), **“Problems and Prospects of Agriculture in Banagram Mouza, Burdwan, West Bengal”**, in Indian Journal of Spatial Science, Vol-6, No.2, Winter Issue, pp.47-55, ISSN: 2249-3921. (UGC Approved, Journal No. 49077)
11. Ghosh, Alokanda and Biswaranjan Mistri (2015), **“Rectification of Base Map of Chandernagore Municipal Corporation, West Bengal”**, in Indian Journal of Spatial Science, Vol-6, No.2, Winter Issue, pp.40-46, ISSN: 2249-3921. (UGC Approved, Journal No. 49077)
12. Sarkar, Ayanika and Biswaranjan Mistri (2015), **“Folk Resource Utilization and Sustainability of Rural Livelihood: An Inquiry on Purulia Chhau Mask Making Art in Chorda Village, Bagmundi C. D. Block, Purulia District”**, The Journal of Social Science Researcher Vol. IV, No.VII, July , pp. 84-98, ISSN 2319–6181.
13. Chakraborty, Kshudiram and Biswaranjan Mistri (2015), **“Declining Soil Health through Unscientific Agricultural Practices: A Case of Sapar Mouza, Burdwan-I C.D. Block, West Bengal”** in Indian Journal of Spatial Science, 6 (1), Summer Issue, pp. 22-29, ISSN: 2249-3921. (UGC Approved, Journal No. 49077)
14. Ghosh, Alokanda and Biswaranjan Mistri (2015), **“Status of Maternal Health in West Bengal”** in Indian Journal of Spatial Science, 6(1), Summer Issue, pp. 64-73, ISSN: 2249-3921. (UGC Approved, Journal No. 49077)
15. Chakraborty, Kshudiram and Biswaranjan Mistri (2015), **“Importance of Soil Texture in Sustenance of Agriculture: A Study in Burdwan-1 C.D. Block, Burdwan, West Bengal”**, Eastern Geographer, Vol.XXI, No.1, ISSN: 0973-7642. (UGC Approved, Journal No. 41213)
16. Chakraborty, Kshudiram and Biswaranjan Mistri (2014), **“Unscientific Use of Chemical Fertilizer incurs Economic Loss in Paddy Cultivation: A Study in Sapar Mouza, Burdwan-1 C.D. Block, West Bengal, India”**, Hill Geographer, Vol.XXX, No.1, ISSN: 0970-5023. (UGC Approved, Journal No. 18078)
17. Roy, Suvendu and Biswaranjan Mistri (2013), **“Channel Geometry and Flood Condition in the Confluence Zone of Kunur and Ajay Rivers, West Bengal”**, in Practising Geographer, Summer, Vol.17, No.1, pp. 7-19, ISSN: 0975-3850. (UGC Approved, Journal No. 49047)

18. Ghosh, Sandipan and Biswaranjan Mistri (2013), **“Performance of D.V.C. in Flood Moderation of Lower Damodar River, India and Emergent Risk of Flood”**, in Eastern Geographer, Bhubaneswar, January, Vol. XIX, No.1, pp.55-66, ISSN:0973-7642. (UGC Approved, Journal No. 41213)
19. Dutta, Shyamal and Biswaranjan Mistri (2013), **“Crisis of Potable Water and its Management in Barddhaman Municipality, West Bengal”**, in Eastern Geographer, Bhubaneswar, January, Vol. XIX, No.1, pp.149-154, ISSN: 0973-7642. (UGC Approved, Journal No. 41213)
20. Ghosh, Sandipan and Biswaranjan Mistri (2012), **“Reconstructing the Phases of Channel Shifting Through Identification of Palaeochannels and Historical Accounts of Extreme Floods of Damodar River in West Bengal”**, in Indian Journal of Geomorphology, Vol.17 (2), July-Dec, pp. 65-80, ISSN: 0973-2411. (UGC Approved, Journal No. 20784)
21. Ghosh, Sandipan and Biswaranjan Mistri (2012), **“Investigating the Causes of Floods in Damodar River of India: A Geographical Perspective”**, in Indian Journal of Geomorphology, Vol. 17 (1), Jan-June, pp.37-49, ISSN: 0973-2411. (UGC Approved, Journal No. 20784)
22. Dutta, Shyamal and Biswaranjan Mistri (2012), **“Problems of Transportation System in Barddhaman Municipal Area, W.B.”**, in Practising Geographer, Winter, Vol. 16, No. 2, , pp. 149-159, ISSN 0975-3850. (UGC Approved, Journal No. 49047)
23. Chandra, Sumitra and Biswaranjan Mistri (2011), **“Yoga: A Healthy Practice in Hectic Lifestyle in the Burdwan Municipal Town, West Bengal”**, in Practising Geographer, Summer, pp.181-194, ISSN: 0975-3850. (UGC Approved, Journal No. 49047)
24. Kundu, Chinmoy and Biswaranjan Mistri (2010), **“Retail in Burdwan Town from the Perspectives of Globalization”**, in Indian Journal of Landscape Systems and Ecological Studies, June, Vol.-33, pp.-593-600, ISSN: 0971-4170. (UGC Approved, Journal No. 20798)

25. Mondal, Mrinal and Biswaranjan Mistri (2010), “**The Question of Justice and Railway Hawkers**”, in Practising Geographer, Summer, Vol.-14, No.-1, pp.-243-256, ISSN: 0975-3850. (UGC Approved, Journal No. 49047)
26. Sarkar, Ayanika and Biswaranjan Mistri (2015), “**Folk Resource Utilization and Sustainability of Rural Livelihood: An Inquiry on Purulia Chhau Mask Making Art in Chorda Village, Baghmundi C. D. Block, Purulia District**”, The Journal of Social Science Researcher Vol. IV, No.VII, July , pp. 84-98, ISSN 2319–6181.
27. Sarkar, Ayanika and Biswaranjan Mistri (2018), “**A Geographical Inquiry on Sustainability of the Purulia Chhau Dance, an Intangible Cultural Heritage in West Bengal**”, environmental geography and sustainable society , ISSN ISBN 13: 978-93-86682-26-0
28. Sarkar, Ayanika and Biswaranjan Mistri (2018), “**A Geographical Inquiry on Sustainability of the Purulia Chhau Dance, an Intangible Cultural Heritage in West Bengal** ”,environmental geography and sustainable society , ISSN ISBN 13: 978-93-86682-26-0
29. Chakraborty, Kshudiram and Biswaranjan Mistri (2018), “**Unscientific Agricultural Practices And Its Impact on Rural Livelihood In Burdwan 1 C.D Block, Barddhaman,West Bengal**”,environmental geography and sustainable society , ISSN ISBN 13: 978-93-86682-26-0

Organizing Conferences/Seminars/Course (Latest First)

1. **Organizing Secretary**, XIV International Geographic Geographical Union (IGU)-India on “agriculture, food, water, biodiversity and health in changing climate organized by Department of Geography, the University of Burdwan in collaboration with Association of Bengal geographers, on 6-8th March, 2020.
2. **Organizing Secretary**, 3rd International Seminar on ‘System Dynamics, Human-Nature Interaction and Societal Discourse’ Organized by Deptt of Geography, The University of Burdwan, in Collaboration with Association of Bengal Geographer (ABG), 18th November, 2017.
3. **Joint Organizing Secretary**, 2nd International Seminar on ‘Environment and Society: Historical Perspectives and Contextual Reality’ Organized by Deptt of Geography, The University of Burdwan, 28th March, 2017.

4. **Joint Organizing Secretary**, 35th Indian Geographers' Meet & International Conference (IIG), organized by the Department of Geography, The University of Burdwan, West Bengal, 11th - 13th November, 2013.
5. **Organizing Member**, UGC-SAP-DRS National Seminar, organized by the Department of Geography, The University of Burdwan, West Bengal, 25-26 March, 2013
6. **Joint Organizing Secretary**, 33rd Indian Geography Congress of National Association of Geographers, India (NAGI), organized by the Department of Geography, The University of Burdwan, West Bengal, 11-13 November 2011.
7. **Joint Organizing Secretary**, International Conference on “**Environment, Resource and Regional Development**”, organized by the Department of Geography, The University of Burdwan, West Bengal, 8th & 9th March 2010.
8. **Treasurer** of the DST Sponsored National Seminar on “**Geo-Spatial Technology & Research in Geography**”, organized by the Department of Geography, The University of Burdwan, West Bengal, 29th March 2008

Acted as Resource Persons

(I) As Invited Speaker (Latest First)

1. Speaker on “**Best Practices of Social Media in Tropical Cyclones of North Indian Ocean**” organized by Kashipur Michael Madhusudan Mahavidyalaya on 25-26 February, 2020
2. Speaker on “**Composite Pit and Healthy Life**” organized by Bardhaman Science Centre for the participants of ‘**Innovative Hub Festival**’ on 26th February, 2019
3. Speaker on “**Personal Hygiene**”, organized by Bardhaman Science Centre, Burdwan (Ministry of Culture, Govt. of India) in connection with Block Level Science Awareness Programme- “**Science is Fun**” at Bhedia High School, Burdwan, 30th August, 2016
4. Speaker on “**Hand wash Practice**”, organized by Bardhaman Science Centre, Burdwan (Ministry of Culture, Govt. of India) in connection with Block Level Science Awareness Programme- “**Science is Fun**” at Ausgram High School, Burdwan, 26th August, 2016
5. Speaker on “**Personal Hygiene**”, organized by Bardhaman Science Centre, Burdwan (Ministry of Culture, Govt. of India) in connection with Block Level Science

- Awareness Programme- “**Science is Fun**” at Laudoha Kali Tara Bijoy Institution, Burdwan, 12th August, 2016.
6. Speaker on “**Earthquake: Causes and Consequences**”, in the celebration of “**World Environment Day**” at Bardhaman Science Centre, Burdwan (Ministry of Culture, Govt. of India), 5th June, 2016.
 7. Keynote Speaker on “**Regional Problems in Indian Sundarban**”, in the One day State Level Seminar-cum-Workshop on “**Environmental Issues in Lower Gangetic West Bengal**” at Department of Geography, Kashipur M.M. Mahavidyalaya, Purulia, 12th September, 2015.
 8. Speaker on “**Save and Educate Women to Save the Earth**”, in the celebration of “**World Population Day**” at Bardhaman Science Centre, Burdwan (Ministry of Culture, Govt. of India), 11th July, 2015.
 9. Speaker in UGC Sponsored Two-Day National Seminar on “**Environment and Population Growth –Biophysical Limit and Sustainability**” organized by B.Z.S.M. Mahavidyapith, Bankura, on “**Problem & Prospects of Sundarban**”, 21-22 April, 2014.
 10. Delivered a Popular Lecture on “**Problems and Prospects of Indian Sundarbans**”, at Burdwan Science Centre (national Council of Science Museums, Ministry of Culture, Govt. of India) in connection with celebration of Anniversary Day of this Science Centre on 9th January, 2014.
 11. Speaker in UGC Sponsored National Seminar on “Contemporary Issues on Environment and Development in India & Adjacent Countries”, organized by Department of Geography, Kalyani Mahavidyalaya on “**Emerging Issues in Sundarbans**”, 20th -21st September, 2013.
 12. Speaker in UGC Sponsored National Seminar on “Resources: Problems, Planning and Development in Backward Regions”, organized by Achhram Memorial College, Jhalda, Purulia, on “**Rethinking of Indigenous Knowledge and Water Resource Management in Purulia, W.B.**”, 22-23 February, 2012.
 13. Speaker in UGC Sponsored National Seminar on “Water Resource Management and Emerging Crisis”, organized by Department of Geography, Manbhum Mahavidyalaya,

Manbazar, Purulia, on “**Water Resource Management: A Spatio Temporal Crisis**” 11-12 January, 2012.

14. Speaker in UGC Sponsored National Seminar on “**Climate Change and Backward Areas: Doings and Well-beings**”, organized by Departments of Geography and Economics, Panchakote Mahavidyalaya, Neturia, Purulia, on 24-25 November, 2011.
15. Speaker in UGC Sponsored National Seminar on “**Challenges and Mitigation of Drought in India**”, organized by Department of Geography, Kashipur M.M. Mahavidyalaya, Kashipur, Purulia, on “**Spatial Variation of Management Strategy in Drought Mitigation**” 9-10 September, 2011.
16. Speaker in One Day Seminar on “**Applied Geography**”, organized by Department of Geography, Acharya Prafulla Chandra College, New Barrakpur, North 24 Parganas, on Environmental Problems in Sundarbans, 3rd March, 2010.

(II) As Chairperson/Co-Chairperson/ Rapporteur/Adjudicator (Latest First)

1. Chairperson in Technical Session of 35th National Conference of the Indian Institute of Geomorphologists (IGI) on ‘**Geomorphology, Environment and Management**’ organized by Centre for the Regional Development (CSR D), School of Social Sciences Jawaharlal Nehru University, New Delhi
2. Chairperson in Technical Session of International Seminar on ‘**Recent Advancement in Geographical Studies A Multidimensional Outlook**’ Organized by Department of Geography, Rampurhat College, Birbhum, West Bengal, on 1st to 2nd September, 2023
3. Co-Chairperson in a Technical Session of National Seminar on ‘**Negotiating Nature, Culture and the Future**’ Organized by Department of Geography, Presidency University, Kolkata, West Bengal from 28th February to 1st March, 2019.
4. Co-Chairperson in a Technical Session of 3rd International Seminar on ‘Earth System Processes and Interruption: Issues and Challenges’ Organized by Deptt. of Geography, University of Gour Banga, Malda, West Bengal, Presented paper titled “**Status of Soil**”

Organic Carbon and Its Impact on Carbon Foot Print in Galsi-II C.D. Block, Barddhaman, West Bengal”, 19-20th April, 2017.

5. Co-Chairperson in Technical Session-XIV, of International Seminar & 48th Regional Science Conference on ‘**Rural Habitat, Institutions and Development: Changing Nature and Challenges**’, Organized by Deptt. of Geography and Disaster Management, Tripura University, Tripura, India, January 5-7,2017
6. Chairperson in UGC Sponsored Two Days National Seminar on “**Food Security and Urbanization Equilibrium: A Sustainable Man-System Approach**” organized by Geography Department, Birbhum Mahavidyalaya, Suri, Birbhum, West Bengal, 22-23 November, 2016
7. Co-Chairperson in Technical Session-7 in Two-Day International Seminar on “**Fluvial Processes and Anthropogenic Foot Print**” organised by Department of Geography, University of Gour Banga, Malda, W.B., March 11-12, 2016.
8. Chairperson in a session: UGC-ICSSR Sponsored National Seminar on “**Contextualising Issues in Applied Geography**”, organized by Dept. of Geography and Environment Management, Vidyasagar University, W.B., 4-5 March,2016.
9. Rapportear of the Plenary Session- 1 in the XXXV INCA International Congress on “**Spatial Governance for Development, Planning Smart Cities and Disaster Management**”, organized by CSRD, JNU, New Delhi, 15-17 December,2015.
10. Rapportear of the technical sessions number 8 and 17 in the 28th IGI Conference & National Seminar on “**Human Impact on Landscapes**”, organized by Department of Geography, NEHU, Shillong, 29-31st October,2015.

11. Co-Chairperson in a session: National Seminar on “**Sustainability and Inclusiveness: India’s Development Trajectory**” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack-753003 (Odisha), on 8-9 November, 2014.
12. Adjudicator in the model/poster presentation in the **Burdwan District Youth Science Fair 2014** organized by Govt. of West Bengal at Vivekananda Mahavidyalaya, Burdwan, 3rd and 4th September, 2014.
13. Chairperson in a session: UGC Sponsored Two-Day National Seminar on “**Environment and Population Growth –Biophysical Limit and Sustainability**” organized by B.Z.S.M. Mahavidyapith, Bankura, on 21-22 April, 2014.
14. Chairperson in a session: UGC Sponsored One Day National Level Seminar on “**Conventional and Non Conventional Energy Resources-Problems & Prospects in India**”, organized by Department of Geography, Vivekananda Mahavidyalaya, Haripal, Hugli, on 22nd November, 2013.
15. Co-Chairperson in a session :UGC Sponsored National Seminar on “**Contemporary Issues on Environment and Development in India & Adjacent Countries**”, organized by Department of Geography, Kalyani Mahavidyalaya, Kalyani, on 20 -21 September, 2013.
16. Chairperson in the Technical session No.-13 on “**Environment & Sustainability**” in “35th Indian Geographers’ Meet & International Conference (IIG) organized by the Department of Geography, The University of Burdwan,11-13 November, 2013.
17. Co-Chairperson in the Technical session No.-8 on “**Climate Hydrology, RS & GIS in Geographical Studies**” in “35th Indian Geographers’ Meet & International Conference (IIG) organized by the Department of Geography, The University of Burdwan,11-13 November, 2013.
18. Chairperson in Technical Session-4 of the UGC Sponsored National Seminar on “**Resources: Problems, Planning and Development in Backward Regions**”, organized by Achhram Memorial College, Jhalda, Purulia, 22-23 February, 2012.

19. Rapporteur in the Technical Session: “**Regional Development**” in the International Conference on Environment, Resource and Regional Development, organized by Department of Geography, The University of Burdwan, 8-9 March, 2010.

Attended and Presented Papers in Conferences / Seminars / Symposium

Award/Prize

1. 1st Regional Science & Technology Congress- 2016, Bardhaman Division, organised by Department of Science and Technology, Govt. of West Bengal and Bankura Christian College, Bankura, presented paper titled “**Estimation of soil compaction from bulk density and its effect on crop production**” has been awarded as **Outstanding Paper**.
2. 23rd West Bengal State Science & Technology Congress 2016, organised by West Bengal State Science and Technology Council and Department, Govt. of West Bengal and Presidency University, presented paper titled, “**Conflict Between Development and Environment in Pathar Pratima: A Fragile Estuarine Landscape in Sundarbans**”, has been **adjudge as best paper (Oral Presentation)** in the section Geography (Technical session-Urban Planning and Geography of Development), 28-29 February, 2016.

International (Latest First)

1. the XIV International Geographic Geographical Union (IGU)-India on “agriculture, food, water, biodiversity and health in changing climate organized by Department of Geography, the University of Burdwan in collaboration with Association of Bengal Geographers, Presented paper in entitled “**Spatio-temporal Change of Drainage Network at Human-Nature Interface and Its Future Implication to the Estuarine Environment in Gosaba Island, Sundarban, India**” on 6-8th March, 2020.
2. The 7th ANGIS International Conference on ‘GIS- Connecting Geography, History and Economics....Looking Beyond Where’ Organized by Department of Geography and Geospatial Science, The University of Burdwan, West Bengal, presented paper titled “**Changing Pattern of Drainage System with Spatial Reference to Human**

- Interference in Gosaba C.D. Block, South 24 Parganas, West Bengal**”, 29th November to 1st December 2018.
3. Third International Conference on ‘Mother Earth: Environmental Crisis & Sustainable Strategies’ Organized by Deptt. of Environmental Science, The University of Burdwan, West Bengal, presented paper titled “**Influence of Cropping System on Soil Organic Carbon in Mangolkote C.D. Block, Barddhaman, West Bengal**”, 11-13 January, 2018
 4. International Conference on Natural Resources Management for Sustainable Development and Rural Livelihoods, organized by Deptt. of Geography and Resource Management, Mizoram University, Aizawl, Mizoram, Presented Paper titled , “**Influence of Cropping System on Soil Organic Carbon in Mangolkote C.D. Block, Bardhaman, West Bengal**”, 26th-28th October, 2017.
 5. 3rd International Seminar on ‘Earth System Processes and Interruption: Issues and Challenges’ Organized by Deptt. of Geography, University of Gour Banga, Malda, West Bengal, Presented paper titled “**Status of Soil Organic Carbon and Its Impact on Carbon Foot Print in Galsi-II C.D. Block, Barddhaman, West Bengal**”, 19-20th April, 2017.
 6. 2nd International Seminar on ‘Environment and Society: Historical Perspectives and Contextual Reality’ Organized by Deptt of Geography, The University of Burdwan, Presented Paper “ **Influence of Cropping System on Soil Organic Carbon in Mangolkote C.D. Block Barddhaman, West Bengal**”, 28th March, 2017.
 7. International Seminar & 48th Regional Science Conference on ‘Rural Habitat, Institutions and Development: Changing Nature and Challenges, Organized by Deptt. of Geography and Disaster Management, Tripura University, Tripura, India, Presented paper titled “**Maternal Risk Factors in relation to Birth Outcome: A case of Murarai-II C.D. Block, Birbhum District**”, 5-7 January, 2017.
 8. 6th NAGI International Conference, organized by Nalanda Open University, Patna, Presented paper titled “**Flouride Contamination in Ground Water and its Impact on Human Health in Rampurhat-I C.D. Block, Birbhum District, West Bengal**”, 18-20 November, 2016

9. 36th INCA International Congress on “**Cartography for Analysis and Management of Climate Change**”, organised by Department of Geography, Vidya-Bhavana, Visva-Bharati, Santiniketan, West Bengal, presented paper entitled “ **Status of Soil pH and Its Impacts on Agricultural Productivity in Mangolkote C.D. Block, Bardhaman, West Bengal**”, 9-11 November, 2016
10. Two-Day International Seminar on “**Fluvial Process and Anthropogenic Foot Print**”, organised by Department of Geography, University of Gour Banga, Malda, presented paper titled “**Unscientific Anthropogenic Interference in Evolution and Management of Riparian Wetland**”, 11-12 March, 2016.
11. XXXV INCA International Congress on “**Spatial Governance for Development, Planning Smart Cities and Disaster Management**”, organized by CSRD, JNU, New Delhi, Presented paper titled “**Conflicts of Development and Environment in Pathar Pratima: A Fragile Estuarine Landscape in Sundarbans**”, 15-17 December, 2015.
12. 36th Indian Geographers’ Meet and International seminar on “ Environmental Changes and Challenges : Local, Regional and Global Perspectives”, Organized by Department of Geography, Gauhati University, Guwahati-781014, Assam, India, Presented Paper titled “**Impact of Physiography on Maternal Health Status in Selected Mouzas of Muraroi-II Block, Birbhum District**” (Co-Presenter:Alokananda Ghosh), 25-28 February, 2015.
13. International seminar on “Environment and Physico-Cultural Perspectives Towards Resource Management”, Organised by Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata, Presented Paper entitled “**Status of Maternal Health in Birbhum District, West Bengal**” (Co-Presenter: Alokananda Ghosh), 19-20 December , 2014.
14. International Conference on “Mother Earth: Save It to Achieve a Sustainable Future for All”, Organised by Department of Environmental science, The University of Burdwan, Burdwan, Presented Paper titled “**Agricultural Practices and Misuse of Soil in Burdwan-1 C.D. Block, Burdwan**”, (Co-Presenter: Kshudiram Chakraborty), 10-12 December , 2014.
15. 5th ISPER and 2nd APG, International Seminar on “Rediscovering Traditions of Folk, Place and Work in Sustainable Settlement Planning”, Organised by Institute for Spatial Planning and Environment Research (ISPER) and Association of Punjab Geographers

- (APG) at ISPER, Amravati Enclave, Panchkula, Haryana, India, Presented Paper titled “ **Socio-Economic and Ecological Sustainability of Settlement Pattern and Folk Architecture: a Case study of Baghmundi Block, Purulia, West Bengal**”, (Co-Presenter: Ayanika Sarkar), 28-30 November, 2014³⁵th Indian Geographers’ Meet & International Conference on “ Environment, Development and Equity”, Organised by Department of Geography, The University of Burdwan, West Bengal, India, presented paper titled “**Purulia Chhau : An Intangible Cultural Heritage of Man-Environment Symbiosis**” (Co-presenter: Ayanika Sarkar). 11-13 November, 2013.
16. 1st International Conference of Association of Punjab Geographers on “Disaster, Natural Resource Management and Socio-Economic Development”, Organised by Department of Geography Kurukshetra University, Kurukshetra, Haryana, India, presented paper titled “**Human Induced Potential Flood Hazards in Sundarbans: Case Study in Pathar Pratima C.D. Block, West Bengal**”. 4-5 October, 2013.
17. 4th International Conference on “Development and Rural Livelihood”, organized by Department of Economics, The University of Burdwan, Burdwan, presented paper titled “**Gender Status and Social Development of a Santal Community: A Geographical Inquiry in Rural Settlement, Senai Village, Hooghly, West Bengal**”, (Co-Presenter: Panthodip Bandyopadhyay), 22-23 December, 2010.
18. International Conference on “Environment, Resource and Development” organized by Department of Geography, The University of Burdwan, Burdwan, presented paper titled “**Retail Outlets in Burdwan Town**”, 8-9 March, 2010.
19. International Conference on “Mother Earth: Save it for Future Generations” organized by Dept. of Environmental Science, The University of Burdwan, Burdwan, presented paper entitled “**Biodiversity in Indian Sundarbans**”, (Co-Presenter: Mrinal Mondal), 13-15 February, 2010.

National (Latest First)

1. 35th National Conference of the Indian Institute of Geomorphologists (IGI) on “**Geomorphology, Environment and Management**” organized by Centre for the Regional Development (CSR), School of Social Sciences Jawaharlal Nehru

University, New Delhi, presented paper in entitled **“Geo-historical Scenario of Embankment Breaching and its Management Strategies in the Indian Sundarban Delta”** on 25th – 27th November, 2023

2. National Seminar on “Applications of Geospatial Technology and Environment” organized by Department of Geography and Applied Geography, University of North Bengal, presented paper entitled **“An Appraisal of Human Intervention on Drainage System-A Control System: A Study in Gosaba Island, Subdarban, India”**, 12th November-14th November 2019.
3. National Seminar on “Negotiating Nature, Culture and the Future” organized by Department of Geography, Presidency University, presented paper entitled **“Causes and Consequences of Changing Pattern of Tidal Creeks in Human Modified Delta: A Case Study in Gosaba Island, Sundarban, India”**, 28th February-1st March 2019
4. UGC Sponsored Two Days National Seminar on **“Food Security and Urbanization Equilibrium: A Sustainable Man-System Approach”** organized by Geography Department, Birbhum Mahavidyalaya, Suri, Birbhum, West Bengal, Presented paper titled **“Status of Elderly in Chakdaha C.D. Block in Nadia District, West Bengal”** 22-23 November, 2016.
5. UGC Sponsored Two Days National Seminar on **“Food Security and Urbanization Equilibrium: A Sustainable Man-System Approach”** organized by Geography Department, Birbhum Mahavidyalaya, Suri, Birbhum, West Bengal, Presented paper titled **“Pattern of Income and Poverty Level in Md. Bazar C.D. Block in light of Sustainable Development Goal, 2030”** 22-23 November, 2016.
6. UGC-ICSSR Sponsored National Seminar on **“Contextualising Issues in Applied Geography”**, organised by Department of Geography and Environment Management, Vidyasagar University, Midnapore, West Bengal, presented paper titled **“Impact of Geo-spatial Characteristics in Provision of Maternal Health Care Services and It’s Accountability in Murarai-II Block, Birbhum District”** 4-5 March, 2016.
7. 37th Indian Geography Congress of NAGI on **“Tourism, Resources, Environment and Development using GIS and Remote Sensing Techniques”**, organized by Dept. of

- Geography, University of Jammu, presented paper titled “**Disparity in Female Education of Bankura District, WB.**”, 2-4 December,2015
8. 37th Indian Geography Congress of NAGI on “**Tourism, Resources, Environment and Development using GIS and Remote Sensing Techniques**”, organized by Dept. of Geography, University of Jammu, presented paper titled “**Impact of Morphometric Attributes and Road Networks on Maternal Health Care Services of Birbhum District, WB.**”, 2-4 December,2015
 9. 37th Indian Geography Congress of NAGI on “**Tourism, Resources, Environment and Development using GIS and Remote Sensing Techniques**”, organized by Dept. of Geography, University of Jammu, presented paper titled “**Status of Sanitation in Some Selected Mouzas of Bikrampur Gram Panchayat, Simlapal Block, Bankura,W.B.**”, 2-4 December,2015
 10. 28th IGI conference & National Seminar on “Human Impact on Landscapes” organised by Department of Geography, NEHU, Shillong, presented paper entitled “**Unscientific Human Interference in Drainage System of Indian Sundarbans**”, 29-31 October,2015.
 11. UGC-SAP-DRS National Seminar on “Dimensions of Resources and Development in the Western Region of West Bengal” organized by Department of Geography, The University of Burdwan, West Bengal, India, Presented Paper entitled “**Effect of Open Defecation on Health in Simlapal Block, Bankura, West Bengal**”, 26-27 March, 2015.
 12. UGC Sponsored National Seminar on “ Application of Geospatial Technology for Sustainable Development” organized by Department of Geography & Applied Geography, University of North Bengal, Presented Paper entitled “ **Sustainable Management of Soil Resource Through Geospatial Technology in Burdwan-I C.D. Block, West Bengal**”, (Co-Presenter: Kshudiram Chakraborty) , 13-14 February, 2015.
 13. 36th Indian Geography Congress on “Urban System, Rural Livelihoods Security and Resource Management” organized by the Dept. of Geography, University of Rajasthan, Jaipur, presented paper entitled “**Open Defecation Practices and Health Awareness: A Study in Bikrampur Gram Panchayat, Simlapal Block, Bankura District, West Bengal**”, (Co-Presenter: Somenath Kar) , 17-19 November, 2014.
 14. 36th Indian Geography Congress on “Urban System, Rural Livelihoods Security and Resource Management” organized by the Dept. of Geography, University of Rajasthan,

- Jaipur, presented paper entitled “**Distributional Pattern of Fluorosis and Economic Status: A Study in Birbhum District, WB**”, (Co-Presenter: Rabiul Haque Molla), 17-19 November, 2014.
15. National Seminar on “ Sustainability and Inclusiveness : India’s Development Trajectory” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack- 753003 (Odisha), presented paper entitled “ **Socio-Economic Position of Women and its Effect on Population Growth: A Study in Nadia District, West Bengal**”, (Co-Presenter: Mahadev Ghosh), 8-9 November, 2014.
 16. National Seminar on “ Sustainability and Inclusiveness : India’s Development Trajectory” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack- 753003 (Odisha), presented paper entitled “**Distributional Pattern of Fluorosis and Caste: A Study in Nasipur Village, Nalhati-1 Block in Birbhum District, West Bengal**”, (Co-Presenter:Rabiul Haque Molla), 8-9 November 2014.
 17. National Seminar on “ Sustainability and Inclusiveness : India’s Development Trajectory” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack- 753003 (Odisha), presented paper entitled “**Folk Resource Utilization and Sustainability of Rural Livelihood: An Inquiry on Purulia Chhau-Mask Making Art**”, (Co-Presenter: Ayanika Sarkar), 8-9 November, 2014.
 18. National Seminar on “ **Sustainability and Inclusiveness : India’s Development Trajectory**” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack- 753003 (Odisha), presented paper entitled “ **Importance of Soil Texture in Sustainable Agriculture: A Study in Burdwan – I C.D. Block, Burdwan, West Bengal**”, (Co-Presenter: Kshudiram Chakraborty), 8-9 November 2014.
 19. National Seminar on “ **Sustainability and Inclusiveness : India’s Development Trajectory**” organized by Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack- 753003 (Odisha), presented paper entitled “**Practice of Open Defecation and its Effects On Human Health: A Study in**

- Simlapal Block, Bankura District, West Bengal**", (Co-Presenter: Somenath Kar), 8-9 November, 2014.
20. One day Seminar on '**Vision of Bengal in 2025**', jointly organised by Akhil Bharat Bhuidya O Paribesh Samity, Santiniketan & Geographical Society of West Bengal, Alipurduar, Jalpaiguri, 23rd March, 2014.
 21. 35th Indian Geography Congress on "**Sustainability, Environment and Society**" organized by the Dept. of Geography, University of Madras, presented paper titled, "**Misuse of Land and its Impact on Drainage Basin of Tidal Creeks in Indian Sundarbans**" Chennai, 12-14 December, 2013.
 22. UGC Sponsored National seminar on "Deprivation in Backward Areas: Food, Shelter, Health & Knowledge", organized by Panchakot Mahavidyalaya, Neturia, Purulia, West Bengal, presented paper titled "**Dismal Condition of Water Bodies in Urban Landscape: A Case Study on Selected Ponds in Burdwan Municipality, West Bengal**", 6-7 December, 2012.
 23. National Seminar on "Himalaya: Environment and Development", organized by Himalaya Samiksha Parisad, Dept. of Geography, University of Calcutta, Kolkata, presented paper: "**The Vulnerable Towns of Eastern Himalayas :A Case Study of Darjeeling**" , 10th November, 2012.
 24. 34th Indian Geography Congress on "**Hazards, Vulnerability and Sustainable Development**", organized by Department of Geography, Patna University, Bihar, presented paper titled "**Haphazard Construction of Closure on Tidal Creeks in Sundarbans and Environmental Consequences: A Geographical Analysis**" 2-4 November, 2012.
 25. Attend in inaugural programme in the 1st Summer Training Programme on "**Geospatial Technological and Application under NRDMS programme in DST**", held at Department of Geography, The University of Burdwan, West Bengal, 15th May 2012.
 26. 33rd Indian Geography Congress on "Resource and Development", presented paper titled "**Health Status of the Aged People-A Socio-Spatial Inquiry in Burdwan Town**", organized by NAGI and Department of Geography, The University of Burdwan, 11-13 November, 2011.

27. National Seminar on “Geography: Space, Time & People”, organized by Indian Geographical Foundation(IGF) in Collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata, presented paper entitled **“Yoga-A Healthy Practice in Hectic Lifestyle: A Case Study in Burdwan Town”**, (Co-Presenter: Sumitra Chandra), ,11-13 February 2011.
28. National Seminar on “Geography: Space, Time & People”, organized by Indian Geographical Foundation(IGF) in Collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata, presented paper entitled **“Spatial Variations in Socio-Economic Development Pattern of Santals: A Comparative Analysis in Purulia and Hooghly District, West Bengal”**,(Co-Presenter: Panthodip Bandyopadhyay), ,11-13 February 2011.
29. National Seminar on “Geography: Space, Time & People”, organized by Indian Geographical Foundation (IGF) in Collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata, presented paper entitled **“The Scenario of Waste Management in Burdwan Town, West Bengal”**,(Co-Presenter: Kartik Hazra), 11-13 February 2011.
30. National Seminar on **“Geography: Space, Time & People”**, organized by Indian Geographical Foundation (IGF) in Collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata, presented paper entitled **“Aila and Landuse Change in Sundarbans: A Case Study in Kuemuri Mouza, South 24 Parganas, West Bengal”**,(Co-Presenter: Utpal Panja), 11-13 February 2011.
31. UGC Sponsored National Seminar on **“Environmental Hazards and Disasters: Impact Assessment and Management”**, organized by Dept. of Geography, M.U.C. Womens, College, Burdwan, 8th December, 2010.
32. UGC Sponsored National Seminar on “ Globalizing Urban Governance and Sustainable Development” organized by Dept. of Geography, Dr. G.M.R.College, Monteswar, Burdwan, presented paper entitled **“The Change of Pond Water Based Resources after Aila: A Case Study in Kuemuri Mouza, Pathar Pratima, South 24 Parganas”**,(Co-Presenter: Panthodip Bandyopadhyay) , 8-9 October, 2010.
33. UGC Sponsored National Seminar on “ Globalizing Urban Governance and Sustainable Development” organized by Dept. of Geography, Dr. G.M.R.College, Monteswar,

- Burdwan, presented paper entitled **“The Level of Livelihood of Urban Poor: A Case Study from Howrah Municipal Area”**,(Co-Presenter: Sumitra Chandra) , 8-9 October, 2010.
34. National Seminar on “Emerging Issues in Geography” organized by Dept. of Geography, Viva-Bharati, Santiniketan and Indian Geographical Foundation (IGF), Bolpur, , presented paper titled **“Remote Sensing and GIS Applications in Monitoring of Mangroves Forest in 24 Parganas(S.), West Bengal”**, (Co-Presenter: Srikanta Bhaya), 20-21 March, 2010.
 35. UGC-DRS(SAP-1) Sponsored National Seminar on **“Ganga Delta: Planning Perspectives”**, organized by Dept. of Geography, University of Calcutta in collaboration with NATMO,ILEE & GSI, Kolkata, 12-13 March, 2010.
 36. 31st Indian Geography Congress on “Environment, Culture and Development” organized National Association of Geographers India (NAGI) and Dept. of Geography, Rani Durgawati University, Jabalpur, M.P., presented paper entitled **“Impact of Land use on Environment in Sundarbans, West Bengal”**, 19-21 November, 2009.
 37. XXII Conference of the Indian Institute of Geomorphologists (IGI) and National Conference on “Man-Environment Relation: A Vision Plan for Green Earth”, organized by Dept. of Geography, University of Allahabad, Allahabad, U.P., presented paper titled **“Impact of Land use on Geomorphic Characteristics in Sundarbans, West Bengal”**, 29-31 October, 2009.
 38. Seminar on **“Global Warming: Its Impact on India”**, organized by Indian Institute of Public Administration (Burdwan Local Branch), ASC, B.U., 3rd September, 2008.
 39. 77th Conference of West Bengal College and University Teachers’ Association and UGC Sponsored National Seminar on **“150 Years of the Great Revolt of 1857 & Its Relevance in the Present Indian Scenario”**, organized by Bankura Sammilani College, Bankura, 18-19 November, 2006.
 40. UGC Sponsored Seminar on **“Disaster and Its Management: Perspective and Future Approaches”**, organized by Krishnagar Govt. College, Krishnagar, Nadia, presented paper titled **“Environment: A Way of Looking”** 16-17 April, 2004.
 41. National Seminar on “Land and water Management in India (LAWMI)”, organized by Institute of Landscape, Ecology & Ekitics (ILEE) & Indian Institute of Bio-Social

Research & Development (IBRAD), , Kolkata, presented paper entitled “**Conservation of Land Resources in India**”, 13-14 December, 2002.

State (Latest First)

1. 2nd Regional Science and Technology Congress (2nd RSTC, Western Region),2017, organized by The University of Burdwan and DHESTBT, presented poster titled “**Impact of Cropping Pattern on Soil Organic Carbon Content in Purbasthali-II CD Block, West Bengal**”, 16-17 November,2017.
2. 1st Regional Science & Technology Congress- 2016, Presidency Division, organised by West Bengal State Science and Technology Council and Department, Govt. of West Bengal and National Institute of Technical Teachers’ Training and Research, Kolkata, presented paper titled, “**Health Status of the Aged People: A Case Study of Dewli and Getugachhi Gram Panchayat in Chakdah C.D. Block, Nadia District, West Bengal**”, 13-14 November, 2016.
3. 1st Regional Science & Technology Congress- 2016, Bardhaman Division, organised by Department of Science and Technology, Govt. of West Bengal and Bankura Christian College, Bankura, presented paper titled “**Estimation of soil compaction from bulk density and its effect on crop production**” has been awarded as **Outstanding Paper**, 7-8 November, 2016.
4. 1st Regional Science & Technology Congress- 2016, Bardhaman Division, organised by West Bengal State Science and Technology Council and Department, Govt. of West Bengal and Bankura Christian College, Bankura, presented paper titled, “**Practice of Open Defecation and It’s Causes and Consequences in Bikrampur Gram Panchayat, Simlapal, Bankura**”, 7-8 November, 2016.
5. 23rd West Bengal State Science & Technology Congress 2016, organised by West Bengal State Science and Technology Council and Department, Govt. of West Bengal and Presidency University, presented paper titled, “**Conflict Between Development and Environment in Pathar Pratima: A Fragile Estuarine Landscape in Sundarbans**”, 28-29 February, 2016.

6. One-day Seminar on '**Vision of Bengal in 2025**', jointly organised by Akhil Bharat Bhuidya O Paribesh Samity, Santiniketan & Geographical Society of West Bengal, Alipurduar, Jalpaiguri, 23rd March, 2014.
7. 21st West Bengal State Science and Technology Congress-2014, organised by The University of Burdwan and West Bengal State Science and Technology Council and Department, Govt. of West Bengal, presented paper titled, "**Socio-economic factors influence the Population Growth: A Study in Nadia District, West Bengal**" Burdwan, 20-21 February, 2014.
8. UGC Sponsored State Level Seminar on "**Global Warming and Its Impacts on Regional Natural and Human Resource Utilization: Special Focus on South Bengal**", organized by Dept.of Geography, Vivekananda Mahavidyalaya, Haripal, Hugli, 26th August, 2011.
9. Seminar on "**The Globalizing State, Public Services and the New Governance of Urban Local Communities in India**", organized by the IIM, Ahmedabad and The University of Burdwan, Burdwan, 10th July, 2010.
10. UGC Sponsored State Level Seminar on "**Contemporary Environmental Issues**", organized by the Post-Graduate Dept. of Geography, Chandernagore Govt. College, Chandernagore, 6th December, 2008.
11. Seminar on "**Role of Co-Operatives in Rural Development**" organized by Indian Institute of Public Administration (Burdwan Local Branch), ASC, B.U., 4th April, 2008.
12. One Day seminar on "**Shatabarshe Shradharghya: Anandashankar Roy & Rabindranath O Lokosahitya**", organized by Department of Bengali, Kashipur M.M.Mahavidyalaya, Purulia, 11th October, 2004.

Members of Academic Board

1. Ad-hoc Board of U.G. Studies in Geography of The University of Burdwan(24.6.2015)
2. Board of Research Studies in Geography of The University of Burdwan (14.11.2014)
3. Executive Member in Indian Journal of Spatial Science, (2012-2013), (ISSN:2249-4316), Kolkata
4. Board of U.G. Studies in Geography of Sidho-Kanho-Birsha University(5.6.2012)

Members of Academic Organisations

1. Life Member, Indian Society for Earth, Planetary & Environmental Sciences, Berhampur, Orissa.
2. Annual Member, Institute of Landscape, Ecology & Ekistics, Calcutta
3. Life Member, National Association of Geographers, India, Delhi
4. Life Member, Indian Institute of Geomorphologists, Allahabad
5. Life Member, Institute of Indian Geographers, Pune
6. Life Member, Eastern Geographical Society, Bhubaneswar
7. Life Member, Indian Geographical Foundation, Kolkata
8. Life Member, Geographical Development Research Institute, Gorakhpur
9. Life Member of The Geographical Society of the North Eastern Hill Region, Shilong, India

Extra-Curricular Activities

1. 1st Division in Vocal Music- year-Fifth in 2015-2016, Bangiya Sangeet Parishad
2. 1st Division in Vocal Music- year-Fourth in 2014-2015, Bangiya Sangeet Parishad
3. 1st Division in Vocal Music- year-Third in 2013-2014, Bangiya Sangeet Parishad
4. 1st Division in Vocal Music- year-First in 2011-2012, Bangiya Sangeet Parishad
5. Distinction in Vocal Music- year Madha in 2010-2011, Bangiya Sangeet Parishad.



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