

DR. BIKASH BARMAN (M.A., M.Phil., Ph.D.)

Assistant Professor

Department of Geography

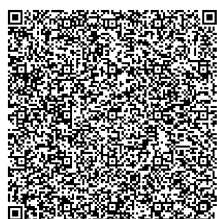
Malda Women's College, Shanti Gopal Sen Sarani, Pirojpur, English Bazar Municipality, malda

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Email: barmanbikash2013@gmail.combarmanbikashgeo@gmail.com**Permanent Address:** 75 Niztaraf, Mekhliganj, Koch Bihar, PIN-735304, West Bengal, India**Corresponding Address:** Department of Geography

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Dr Bikash Barman is an Assistant Professor at the Department of Geography, Malda Women's College, Malda, West Bengal, India. He has been completed his B.A. (2013) and M.A. (2015) degree in Geography from the Ananda Chandra College, Jalpaiguri and University of North Bengal respectively. Later he has been completed his M.Phil. (2018) and Ph.D. (2023) in Science from the Department of Geography, University of Gour Banga, Malda, WB. His specialization is in Population Geography and Cartography. His areas of research interest are Educational Mobility, Women's Health, Women Empowerment, Gender Disparity, Maternal Health, child health and public health. He is actively engaged in teaching and research in Population Geography and cartography for nearly 8 years and has published more than 20 research papers in different renowned international and national journals and edited books.

1. Specialization: Population Geography and Cartography

2. Research Areas: Educational Mobility, Women's Health, Women Empowerment, Gender Disparity, Maternal Health, Child Health and Public Health.

ResearchGate Profile: <https://www.researchgate.net/profile/Bikash-Barman>

ORCID Profile: <https://orcid.org/0000-0001-6158-1038>

3. Personal Information:

Name	Dr. Bikash Barman
Father's name	Budhman Barman
Mother's name	Menoka Barman
Present position	Assistant Professor, Dept. of Geography, Malda Women's College, Malda, West Bengal
Date of birth	18/03/1993
Gender	Male
Marital Status	Married
Religion	Hindu
Blood Group	AB+
Category	Scheduled Caste (SC)

4. Educational Qualifications:

Examination	Name of the Board/University/Agency	Year of passing	Class / Division
M.P.	WBBSE	2008	I
H.S.	WBCHSE	2010	I
B.A. (Hons.) Geography	University of North Bengal	2013	II
M.A. (Geography)	University of North Bengal	2015	I
M.Phil. (Geography)	University of Gour Banga	2018	I
Ph.D. (Science)	University of Gour Banga	2023	-
NET-JRF (2 Times)	The University Grants Commission (UGC)	2014 & 2015	-

5. Completed Research Project:

Sl. No.	Title	Agency	Period	Grant (Rs)
1	Assessing the Impact of Skill India Mission on Sustainable Livelihood Opportunities of Youth and Out-Migrants: A Case Study of Selected Backward Districts of West Bengal. [F.No. 88/CRP-2023-805/SIM(PMKVY)/SCD, Dated: 16.09.2023]	Indian Council of Social Science Research (ICSSR), New Delhi	15-09-2023-14-03-2024	1,500,000/

6. Organized Seminars/Webinar/Workshop/Special Lecture as Organizing Secretary/ Convener:

Nos.	Title of the Seminar	Organized by	Year	Level	Role
1	Two-Day International Webinar on “Environment, Population and Development: Challenges & Opportunities”	Department of Geography, Malda Women’s College, Malda, West Bengal, India	October 17 & 18, 2020	International	Joint Convener
2	Online Special Lecture on the Occasion of “World Environment Day-2021”	Department of Geography, Malda Women’s College, Malda, West Bengal, India in collaboration with Department of Geography, Malda College	5 th June, 2021	State	Joint Organizing Secretary

3	National Webinar <i>On the occasion of</i> “World Population Day-2021”	Department of Geography, Malda Women’s College, Malda, West Bengal, India in collaboration with Department of Geography, Malda College	11 th July, 2021	National	Joint Organizing Secretary
4	Seven Day Online Workshop On “Quantitative Techniques in Geography”	Department of Geography, Malda Women’s College, Malda, West Bengal, India	6 th September to 12 th September, 2022	State	Joint Organizing Secretary
5	One Day Online Special Lecture on “Only One Earth” on the occasion of “World Environment Day-2022”	Department of Geography, Malda Women’s College, Malda, West Bengal, India	5 th June, 2022	State	Joint Convener
6	Special Lecture on “Globalization and Indigenous People”	Department of Geography, Malda Women’s College, Malda, West Bengal, India	19 th November, 2022	State	Joint Convener
7	Multidisciplinary Course (MDC-2.6) Contemporary Environmental Issues of Semester-II (NEP-2020)	Department of Geography, Malda Women’s College, Malda, West Bengal, India in collaboration with Department of Geography, Gour Mahavidyalaya, Malda	6 th July to 12 th July, 2024	State	Joint Convener

7. Academic and Administrative Responsibilities and Management of the Institution:

- i) NSS Programme Officer (2021-2024), NSS Unit-II, Malda Women’s College, Malda, West Bengal, India.
- ii) IQAC Member (2022-2023), IQAC, Malda Women’s College, Malda, West Bengal, India.
- iii) IQAC Member (2023-2024), IQAC, Malda Women’s College, Malda, West Bengal, India.

- iv) Convener (2023), Sports sub-committee, Malda Women's College, Malda.
- v) Co-convener (2024), Sports sub-committee, Malda Women's College, Malda.
- vi) Exam sub-committee member (2023-24), Malda Women's College, Malda.
- vii) Exam sub-committee member (2024-25), Malda Women's College, Malda.
- viii) Co-convener (2024-25), Prize distribution committee, Malda Women's College, Malda.
- ix) Convener (2025-26), Routine Sub-Committee, Malda Women's College, Malda.
- x) Convener (2026-27), Admission Sub-Committee, Malda Women's College, Malda.

8. Published Research Papers in Journals

- i) Singha, S., Sarkar, A., Agarwalla, A., **Barman, B.**, & Chouhan, P. (2026). **Understanding the child malnutrition in rural India through the lens of the composite index of anthropometric failure (CIAF): Evidence from NFHS-5 (2019-2021).** *BMC Public Health* (IF: 3.6 (2024)); DOI: [10.1186/s12889-026-26186-x](https://doi.org/10.1186/s12889-026-26186-x).
- ii. Majumder, K., Sarkar, M., Mallick, R., **Barman, B.**, & Chouhan, P. (2025). **Unveiling the nexus between minimum dietary diversity and anemia among children aged 6–23 months in India: evidence from NFHS-5 (2019–2021).** *Cogent Social Sciences (Taylor & Francis Publisher)*, 11:1, 2438845, DOI: [10.1080/23311886.2024.2438845](https://doi.org/10.1080/23311886.2024.2438845).
- iii) **Barman, B.**, & Chouhan, P. (2024). **Role of Antenatal Care (ANC) Services on Safe Delivery among the Indian Women: An Investigation from the Nationally Representative Survey.** *Int J Cur Res Rev| Vol, 15(07), 7. International Journal of Current Research and Review.* DOI: <https://doi.org/10.31782/IJCRR.2023.15702>.
- iv) Roy, A., Paul, P., Saha, J., **Barman, B.**, Kapasia, N., & Chouhan, P. (2021). **Prevalence and correlates of menstrual hygiene practices among young currently married women aged 15–24 years: an analysis from a nationally representative survey of India.** *The European Journal of Contraception & Reproductive Health Care*, 26(1),1-10 (Taylor & Francis Publisher). DOI: <https://doi.org/10.1080/13625187.2020.1810227>.
- v) **Barman, B.**, Mallick, R., Chouhan, P., & Majumder, K (2021). **Does Media Exposure Affect the Utilization of Maternal Health Care Services? A Query from a Nationally Representative Survey of India.** *Journal of Geographical Studies*, 5(2), 65-78, 2021. DOI: <https://doi.org/10.21523/gcj5.21050202>.

- vi) Zaveri, A., Paul, P., Saha, J., **Barman, B.**, & Chouhan, P. (2020). Maternal determinants of low birth weight among Indian children: Evidence from the National Family Health Survey-4, 2015–16. *PLoS One*, 15(12), e0244562 (**Plos One**). DOI: <https://doi.org/10.1371/journal.pone.0244562>.
- vii) **Barman, B.**, Saha, J., & Chouhan, P. (2020). Impact of education on the utilization of maternal health care services: An investigation from National Family Health Survey (2015–16) in India. *Children and Youth Services Review*, 108, 104642 (**Elsevier**). DOI: <https://doi.org/10.1016/j.chidyouth.2019.104642>.
- viii) Saha, J., **Barman, B.**, & Chouhan, P. (2020). Lockdown for COVID-19 and its impact on community mobility in India: An analysis of the COVID-19 Community Mobility Reports, 2020. *Children and youth services review*, 116, 105160 (**Elsevier**). DOI: <https://doi.org/10.1016/j.chidyouth.2020.105160>.
- ix) Kapasia, N., Paul, P., Roy, A., Saha, J., Zaveri, A., Mallick, R., **Barman, B.** & Chouhan, P. (2020). Impact of lockdown on learning status of undergraduate and postgraduate students during COVID-19 pandemic in West Bengal, India. *Children and youth services review*, 116, 105194 (**Elsevier**). DOI: <https://doi.org/10.1016/j.chidyouth.2020.105194>.
- x) **Barman, B.**, Roy, A., Zaveri, A., Saha, J., & Chouhan, P. (2020). Determining factors of institutional delivery in India: A study from National Family Health Survey-4 (2015–16). *Clinical Epidemiology and Global Health*, 8(4), 1335-1340 (**Elsevier**). DOI: <https://doi.org/10.1016/j.cegh.2020.05.007>.
- xi) **Barman, B.**, & Chouhan, P. (2019). Intergenerational Educational Mobility: A Comparative Analysis between Reserved and Unreserved Categories Population of Harirampur Block of Dakshin Dinajpur, West Bengal, India. *The Asian Man* (Indianjournals.com), Vol. 13, Issue 1, January - June 2019: 1-16, DOI: [10.5958/0975-6884.2019.00001.X](https://doi.org/10.5958/0975-6884.2019.00001.X).
- xii) **Barman, B.**, Roy, A., & Chouhan, P. (2018). Socio-Demographic Inequalities among Scheduled Caste Women: A Block Level Analysis of Malda District of West Bengal, India. *International Journal of Advanced Scientific Research and Management*, Volume 3 Issue 8, Aug 2018, ISSN 2455-6378.
- xiii) **Barman, B.**, & Chouhan, P. (2018). Spatio-temporal analysis of literacy and educational attainment of Scheduled caste female of Koch Bihar district of West Bengal, India. *Review of research*, volume - 7 Issue – 10, July – 2018, ISSN: 2249-894x.

- xiv) **Barman, B., & Chouhan, P. (2018).** Comparative analysis of Intergenerational Educational Mobility between Scheduled Caste and Non-Scheduled Caste Population of Mekhliganj Block of Koch Bihar District, West Bengal, India. *International Journal of Basic and Applied Research*, February 2018, Volume 8, Number 2, ISSN 2249-3352 (P) 2278-0505 (E).
- xv) **Barman, B., & Chouhan, P. (2018).** Status of Women's Participation in Economic Activities in Rural Areas and Associated Problems: A Case Study of Tufanganj-I Block in Koch Bihar District of West Bengal, India. *International Journal of Basic and Applied Research*, February 2018, Volume 8, Number 8, ISSN 2249-3352 (P) 2278-0505 (E).
- xvi) **Barman, B. (2018).** Educational Impact on Empowerment of Scheduled Caste Women of Koch Bihar District, West Bengal. *RESEARCH REVIEW International Journal of Multidisciplinary*, Volume-03, Issue- 08, ISSN: 2455-3085 (Online).
- xvii) **Barman, B., & Chouhan, P. (2018).** Respondent's Perception on Double Discrimination in Education: A Case study on Scheduled Caste Females of Mekhliganj Block of Koch Bihar District, West Bengal. *International Journal of Scientific Research and Review*, 2018, volume 07, Issue 03, ISSN: 2279-0543.
- xviii) **Barman, B., & Chouhan, P. (2017).** Spatio-temporal Variation in Literacy among the Scheduled Caste Population: A Sub divisional Scenario of Koch Bihar District, West Bengal, India. *IOSR Journal of Humanities and Social Science (IOSR-JHSS)*, Volume 22, Issue 7, Ver. 10 (July. 2017) PP 01-1, e-ISSN: 2279-0837, p-ISSN: 2279-0845. DOI: 10.9790/0837-2207100111.

9. Published chapters in edited book:

- i. **Barman, B., Majumder, K. (2026, 15th January).** How Socio-Demographic Inequalities Varied the Choice of Place of Delivery in West Bengal? A Geo-Demographic Perspective. In: Roy, A., Rahaman, M., Chouhan, P., Chandra Das, K., Kapasia, N., Das, J. (eds) Sustainable Women's Health: Perspectives from South Asia. Asian Perspectives on Public Health. **Springer**, Singapore. https://doi.org/10.1007/978-981-95-1806-7_10.
- ii. **Barman, B., Majumder, K., Sarkar, M., & Chouhan, P. (2025, October).** Sustainable Strategies for Access and Utilization of Antenatal Care Services in Flood-Prone Regions of India. In Environment and Public Health (pp. 301-314). Cham: **Springer Nature Switzerland**. ISSN 3059-278X; ISSN 3059-2798 (electronic) ; ISBN 978-3-031-99769-3; ISBN 978-3-031-99770-9 (eBook); <https://doi.org/10.1007/978-3-031-99770-9>.

- iii. **Barman, B.** & Majumder, K. (2025). **Male Involvement in Maternal Healthcare (MHC) Services: A Religious Differential Approach.** In *Sexual and Reproductive Health of Women: Dimensions and perspective* (pp. 427-449). Cham: **Springer Nature** Singapore. DOI: https://doi.org/10.1007/978-981-97-8418-9_23.
- iv. **Barman, B.,** & Chouhan, P. (2024). **How Inadequate Antenatal Care (ANC) Services Are Responsible for the Occurrence of Low Birth Weight? Query from the Muslim Women of Maldah District, West Bengal, India.** In *Public Health and Diseases: A Geographical Study of Women's Health, Urban Mortality and Health Policies* (pp. 271-290). Cham: **Springer Nature** Switzerland. DOI: <https://doi.org/10.1007/978-3-031-57762-8>.
- v. **Barman, B.,** & Chouhan, P. (2023). **Utilization of MHC Services in Empowered Action Group (EAG) States of India: Evidence from National Family Health Survey (NFHS)-4.** In *Population, Sanitation and Health: A Geographical Study Towards Sustainability* (pp. 297-320). Cham: **Springer Nature** Switzerland. DOI: <https://doi.org/10.1007/978-3-031-40128-2>.
- vi. **Barman, B.,** & Chouhan, P. (2017). **Gender Disparity in Literacy and Educational Attainment of Scheduled Caste Population in Koch Bihar District.** Seminar Proceeding Book on *Gender Issues in India: Challenges and Strategies*, ISBN: 978-93-81669-69-2.
- vii. Sarkar, A., Mondal, S., **Barman, B.,** & Chouhan, P. (2016). **Spatial Pattern of Gender Disparity in Literacy and Educational Attainment in North Bengal, India.** *Indian Cartographer, Journal of the Indian National Cartographic Association (INCA)*, Volume-36, Part-II, ISBN: 0927-8392.

10. Invited Lectures:

- i) Invitee lecture on “Sustainable Development Goals (SDGs) with special reference to SDG-11, SDG-13 & SDG-15” (29th December, 2024 at 4pm to 6pm) in 30 Hours Add-on Course on “Sustainable Development and Geography” on 16th December, 2024 to 4th January, 2025 organized by Department of Geography, Gour Mahavidyalaya in collaboration with IQAC, Gour Mahavidyalaya.
- ii) Invitee lecture on “Women’s Health Issues” in a Seven Day Online Lecture Series on “Women and Development” (A Value Addition Course-2.4 (VAC-2.4) of Semester-II (NEP-2020) Under FYUGP Programme of University of Gour Banga (For Academic Year 2023-2024) from 28th June, 2024 to 5th July, 2024 organized by Department of Geography, Gour Mahavidyalaya in collaboration with Department of Geography, University of Gour Banga, Malda, West Bengal.

- iii) Invitee lecture on “**Hypothesis Testing**” as Resource Person in the Add-On course on “*Research Methodology and GIS*” on **1st April, 2023** (7.00 pm to 9.30 pm) organized by the Department of Geography, Malda College.
- iv) Invitee lecture on “**Introduction and computation of Human Poverty Index (HPI)**” on **April 24, 2022** in One Day Online Workshop on “*Quantitative Techniques in Geography*” organized by Department of Geography, University of Gour Banga, Malda, West Bengal.
- v) Invitee lecture on “**Tabulation of Data: Properties of a Statistical Table, Frequency Distribution, Cumulative Frequency Distribution, Polygon and Curve**” as Resource Person in the Skill Development Course on “*Data Collection, Representation and Analysis in Social Science*” organized by the Department of Geography, Malda College held on **7th March, 2021** (7:00 pm to 9:30 pm).

11. Presented Papers in International/National/State Seminar/ Conference/ Symposium:

- i) Presented paper entitle “**Missing Link in Maternal Health Care: Continuum of Care and Physiographic inequalities in North-East India**” in National Seminar on “Dynamics of Economic Development in North Eastern Region of India: Present Status, Emerging Issues and Future Prospects” on **12-13th March, 2026** organized by Centre for Development Studies in Collaboration with Department of Economics, Rajiv Gandhi University, Itanagar, Arunachal Pradesh, India.
- ii) Presented paper entitle “**Domestic Violence as a Determinant of Unintended Pregnancy among Ever-Married Women in India: Evidence from NFHS-5**” in The International Conference on Wetland, Society and Sustainability on **28th February to 2nd March, 2026** organized by Bangiyo Bhugol Mancha in Collaboration with Gangarampur College, Dakshin Diajpur, West Bengal, India.
- iii) Presented paper entitle “**The Association between Domestic violence and Antenatal Care Utilization among Ever-Married women in India: Evidence from NFHS-5**” in First International Geographical Union Commission on Health and The Environment (IGU CHE) Indian Health Geography Symposium-2026 (Online) on **27th February, 2026**.
- iv) Presented paper entitle “**Examining the factors responsible for high Under-five mortality in Central and Eastern India: Investigations from Nationally Representative Survey (NFHS-5)**” in the International Conference on “Ecosystem Restoration, Disaster Risk Reduction and Resilient

Society in Changing Climate” on **30-31st January & 1st February, 2026** organized by the Department of Geography, The Burdwan University, Bardhaman, West Bengal, India.

- v) Presented paper entitle **“Household Food Insecurity & Child Malnutrition among Under-Five Children: A Field Study from Maldah District of West Bengal using HFIAS”** in 46th Annual Meet of the Institute of Indian Geographers (IIG) & International Conference 2025 on “Dynamic Earth, Fragile Environment & Path to Climate-Resilient Societies” on **25-27th October, 2025** organized by the Department of Geography, School of Earth Science, Hemvati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand, India.
- vi) Presented paper entitle **“How maternal anemia and maternal BMI are responsible for the prevalence of low birth weight among the rural women (15-49 years) in India? Evidence from 5th round of NFHS (2019-21)”** in 7th Regional Science & Technology Congress (Region-2 Comprising Murshidabad, Malda, Uttar Dinajpur and Dakshin Dinajpur) held on **07-08th January, 2025** jointly organized by Malda College, Malda, West Bengal and Department of Science, Technology and Biotechnology, West Bengal.
- vii) Presented paper entitle **“Examining the factors of underutilization of maternal health care services among the Muslim women of Maldah district, West Bengal, India”** in 2nd International Seminar on “Innovative Approaches in Geographical Research (IAGR): Exploring New Dimensions for Sustainable Development Goals (SDGs) on **29-30 November, 2024** organized by Department of Geography, Rampurhat College, West Bengal, India.
- viii) Presented paper entitle **“Role of Antenatal care for Safe delivery among the Indian mothers: Investigate from NFHS-4 (2015-16)”** in the Ministry of Earth Sciences (MoES), Government of India Sponsored Three Days International Conference on “Emerging Issues in Environment, Livelihood and Development: A Future Road Map Towards Sustainable Earth” held on **26th to 28th January, 2024** organized by Department of Geography & Applied Geography, University of North Bengal, West Bengal, India.
- ix) Presented paper entitle **“Impact of Antenatal Care (ANC) services on Low Birth Weight among the Muslims of Maldah district”** in Two Days ICSSR-ERC Sponsored National Seminar on “Urbanization, Urban Environment and Sustainability in Himalayan and Sub-Himalayan Region” on **1st and 2nd July, 2023** organized by Department of Geography & Applied Geography, University of

North Bengal, West Bengal in collaboration with Anthropological Survey of India & Foundation of Practising Geographers.

- x) Presented paper entitle “**Sociodemographic correlates of utilization of maternal health care (MHC) services among the Muslim women of Maldah district**” in 30th State Science and Technology Congress, 2022-23 held on **28th February & 1st March, 2023** organized by Department of Science and Technology and Biotechnology, Government of West Bengal, India.
- xi) Presented paper entitle “**Exploring the cause of low level of male involvement in the utilization of maternal health care (MHC) services among the Muslims of Maldah district, West Bengal, India**” in XXVII International Institute for Population Sciences (IIPS) National Seminar held on **23-25 February, 2023** at ISEC, Bengaluru jointly organized by IIPS, Mumbai and Institute for Social and Economic Change (ISEC), Bengaluru, India.
- xii) Presented paper entitle “**Male involvement in the utilization of maternal health care (MHC) services among the Muslim women of Maldah district**” in Two-Day International Seminar on “Climate Change: Environmental Sustainability and Application of Geospatial Technology” on **18th & 19th January, 2023** organized by Department of Geography in collaboration with IQAC, Prof. Syed Nurul Hasan College, Farakka, Murshidabad, West Bengal, India.
- xiii) Presented paper entitle “**Sociodemographic correlates of utilization of maternal health care (MHC) services among the Muslim women of Maldah district**” in 5th Regional Science and Technology Congress, 2022-23 (Region No.2 comprising of Murshidabad, Malda, Uttar Dinajpur and Dakshin Dinajpur districts) held on **11th & 12th January, 2023** organized jointly by University of Gour Banga, Malda, West Bengal and Department of Science and Technology and Biotechnology, Government of West Bengal, India.
- xiv) Presented paper entitle “**Women autonomy is a strong predictor for the utilization of maternal health care (MHC) services-Explanation from the Nationally Representative Survey (NFHS-4) of India**” in Two Days National Level Webinar on “*Society, Economy and Development*” on **23th & 24th August, 2021** jointly organized by Department of Geography and Department of Sociology, Birpara College, Alipurduar, West Bengal, India.
- xv) Presented paper entitle “**Impact of COVID-19 Pandemic on the Utilization of Maternal Health Care Services**” in One Day National Webinar on “Emerging Issues and Challenges in Social

Science: A Retrospect During the Period of COVID-19 Pandemic” on **27th September, 2020** organized by Department of Geography, Maynaguri College, Maynaguri, Jalpaiguri, West Bengal, India in collaboration with the Department of Geography, Siliguri College, Siliguri, Jalpaiguri, West Bengal, India.

- xvi) Presented paper entitle **“Role of media exposure on the utilization of maternal health care services among Indian mothers (15-49 years): An analysis from nationally representative survey”** in Two-Day International Webinar on *“Recent Advancement in Environmental Research”* on **24-25th September, 2020** organized by the Department of Geography, University of Gour Banga, Malda, West Bengal, India.
- xvii) Presented paper entitle **“Effect on education on utilization of maternal health care services in West Bengal: An Evidence from NFHS-4 (2015-16)”** in Two Days National Seminar on *“Environment, Development and Sustainability”* on **March 15-16, 2019** organized by Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus, Jalpaiguri, West Bengal, India.
- xviii) Presented paper entitle **“Comparative analysis of intergenerational educational mobility between scheduled caste and non-scheduled caste population of Harirampur block of Dakshin Dinajpur district, West Bengal”** in 4th International Seminar on *“Population, Urbanization and Environment: Contemporary Issues and Challenges”* on **21-22nd March, 2018** organized by Department of Geography, University of Gour Banga, Malda, West Bengal, India.
- xix) Presented paper entitle **“Comparative analysis of Intergenerational Educational Mobility between Scheduled Caste and Non-Scheduled Caste Population of Mekhliganj Block of Koch Bihar District, West Bengal, India”** in International Seminar on *“Population, Health and Development: Global and National Policy Perspective”* on **15-17th February, 2018** at New Delhi YMCA organized by International Institute for Population Sciences (IIPS), Mumbai, India.
- xx) Presented paper entitle **“Comparative analysis on spatio-temporal changes in literacy between SC & Non-SC population: A Sub-divisional scenario of Koch Bihar district of West Bengal, India”** in 3rd International Seminar on *“System Dynamics, Human-Nature Interaction & Societal Discourse”* on **18th November, 2017** organized by Department of Geography, The University of Burdwan in collaboration with Association of Bengal Geographers (ABG), West Bengal, India.

xxi) Presented paper entitle “**Gender disparity in literacy and educational attainment of Scheduled Caste population in Koch Bihar district**” in UGC Sponsored National Seminar on “Gender Issues in India: Challenges and Strategies” on **9th & 10th February, 2017** organized by Women’s Cell, Saheed Kshudiram College, Kamakhyaguri, Alipurduar in collaboration with Alipurduar Mahila Mahavidyalaya, Alipurduar, West Bengal, India.

xxii) Presented paper entitle “**Women’s participation in economic activities in rural areas and associated problems in Tufanganj-I block of Cooch Behar district**” in International Seminar on “Women Empowerment: Policy, challenges and strategies” on **23rd December, 2016** organized by Jakir Hossain B.Ed. College, Miapur, Ghorshala, Murshidabad, West Bengal, India.

12. Participated in International/National/State Seminar/ Conference/ Symposium:

i) Participated in ICPR Sponsored State Level Seminar on “**Indian Metaphysics and Ethics**” on **31st May, 2023** organized by Department of Philosophy, Malda Women’s College in collaboration with IQAC, Malda Women’s College, Malda, West Bengal, India.

ii) Participated in ICPR Sponsored Periodical Lecture on “**The Philosophical Contribution of Contemporary Thinkers**” on **14th & 15th March, 2023** organized by Department of Philosophy, Malda Women’s College in collaboration with IQAC, Malda Women’s College, Malda, West Bengal, India.

iii) Participated in ICPR Sponsored National Seminar on “**Forgotten Heroes: Stories of unsung heroes, freedom fighters**” on **30th November, 2022** organized by Department of Philosophy, Malda Women’s College in collaboration with IQAC, Malda Women’s College, Malda, West Bengal, India.

iv) Participated in National Webinar on “**COVID crisis and Revival of Tourism in West Bengal**” on **18th July, 2020** from 4.00-5.30pm by Institute of Social and Cultural Studies (ISCS), India.

v) Participated in One Day International Webinar on “**Researching in Geography and Allied Disciplines: Pre and Post COVID-19 Pandemic Situation**” on **3rd October, 2020** organized by the Department of Geography, Gour Mahavidyalaya. Malda, West Bengal, India.

vi) Participated in One Day National Webinar on “**Contemporary Issues and Challenges of Rural Livelihood in India**” on **8th August, 2020** organized by the Department of Geography, Balarampur College, Purulia, West Bengal, India.

- vii) Participated in National Webinar on ***“Future Trends of Research in Geographical Studies”*** on **31st August, 2020** organized by the Department of Geography, Heramba Chandra College, Dhakuria, Kolkata, West Bengal, India.
- viii) Participated in International Webinar on ***“Impact of Climate Change on Rural Livelihood: A Geographical Overview”*** on **27th September, 2020** organized by Sambhu Nath College, Labpur, Birbhum, West Bengal, India in collaboration with Bhugol O Poribesh, West Bengal, India.
- ix) Participated in National Webinar on ***“Conservation of Biodiversity and Sustainability: Issues and Challenges”*** on 23rd July, **2020** organized by Department of Geography, Diamond Harbour Women’s University, Diamond Harbour, South 28 Parganas, West Bengal, India.
- x) Participated in National Webinar on ***“Modernisation, possession on nature and environmental crisis: Indian perspective”*** on 2th July, **2020** organized by Department of Geography in collaboration with Department of History, Netaji Subhas Mahavidyalaya, Haldibari, Cooch Behar, West Bengal, India.
- xi) Participated in International Colloquium (Online) on ***“Science and Society: Institutional Approaches during Pandemic”*** on July 30-31, **2020** (11 am to 2pm) organized by Science Departments and IQAC, Dinhata College in collaboration with Department of Botany, Cooch Behar Panchanan Barma University, West Bengal, India.
- xii) Participated in webinar series on ***“Geography in Contemporary World”*** on 9th, 12th, 16th, 19th, 23th, 26th & 29th September, **2020** organized by Department of Geography, Raidighi College, South 24 Parganas in collaboration with Bhugol O Poribesh & The Geographical Society of Sunderbans, West Bengal, India.
- xiii) Participated in One Day National Webinar on ***“Migration and State Amidst COVID-19 Pandemic: Challenges and Future Preparedness”*** on 25th July, **2020** organized by Department of Geography, Samsi College, Samsi, Malda, West Bengal, India.
- xiv) Participated in International Online Round Table Conference on ***“Geographical Perspective of Water Resources: Issues and Challenges”*** on 16th July, **2020** organized by Russian Geographical Society (RGS), Russia in collaboration with National Association of Geographers, India (NAGI).
- xv) Participated in One Day National Webinar on ***“Environmental Problems and Human Adaptations”*** on **2nd September, 2020** organized by Department of Geography, Sukumar Sengupta Mahavidyalaya, Keshpur, Midnapore, West Bengal, India.

13. Participated in Workshop/FIP/RC:

- i) Participated and Completed Two-day online Workshop on “**AI Tools for Research & Manuscript Writing**” on **10th to 11th January, 2026** from Mentormost.
- ii) Participated and Completed Two Weeks online **Refresher Course on “Geography”** on **5th December to 18th December, 2025** organized by Department of Geography, University of Allahabad, Uttar Pradesh, India.
- iii) Participated and Completed Seven-Day online Workshop on “**NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (MM-TTP)**” on **7th to 15th October, 2025** organized by UGC-MMTTC, Mizoram University.
- iv) Participated and completed five-day online workshop on “**Hands-on NSS Data Extraction and Analysis Using Stata Software**”, organized by VART Consulting, Mumbai held from **February 3-7, 2025**.
- v) Participated and completed Five Day Online Workshop “**Hands-on NFHS data analysis using STATA software**”, organized by VART Consulting, Mumbai held from **January 20-24, 2025**.
- vi) Participated and completed five-day online workshop on “**Understanding and analysing research data and modelling with Stata Software**”, organized by VART Consulting, Mumbai held from **January 15-19, 2025**.
- vii) Participated and completed **One Month Online Faculty Induction Programme** organized by the Human Resource Development Centre, University of Hyderabad from **1st to 30th November, 2021** and obtained grade ‘A’.
- viii) Participated and completed Two Days State Level Workshop on “**Learning of Q-GIS**” on **28th & 29th September, 2020** organized by Department of Geography in collaboration with IQAC, Malda College, Malda, West Bengal, India.
- ix) Participated and completed UGC Sponsored Two Days Workshop on “**Survey Based Research in Social Science**” organized by Department of Commerce, University of Gour Banga, Malda, West Bengal, India on **28-29th March, 2018** at University of Gour Banga, Malda.
- x) Participated and completed One Week Workshop on “**Application of Statistical Software in Social Science Research (ASSSSR)**” on **18-24th January, 2017** organized by Department of Commerce, University of Gour Banga, Malda, West Bengal, India.

14. Best Achievement:

Sl. No	Title	Year	Description
1	District Champion on Youth Parliament Quiz Competition	2010	Mekliganj Higher Secondary School, 2010
2	UGC-NET-JRF (2 times)	2014 & 2015	Department of Geography & Applied Geography, University of North Bengal
3	Master of Philosophy (M.Phil.)	2018	Geography, Department of Geography, University of Gour Banga, Malda, West Bengal, India
4	Doctor of Philosophy (Ph.D.) in science	2023	Geography, Department of Geography, University of Gour Banga, Malda, West Bengal, India
5	Best Paper Award	2022	Regional Science & Technology Congress-2022 organized by WBDST, West Bengal, India
6	Best Paper Award	2024	2 nd International Seminar on Sustainable Development organized by Rampurhat College, Birbhum, West Bengal, India

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