



Piyal Basu Roy

M.A. (Geography), Ph.D.

AFFILIATION

Professor & Head
Department of Geography
Cooch Behar Panchanan Barma University
Vivekananda Street, Cooch Behar - 736101
West Bengal, India

EDUCATION

Visva-Bharati, Santiniketan
M.A. in Geography, 2003
Ph.D. in Geography, 2012
(Throughout First Class)

EXPERIENCE

- **Professional**
Assistant Professor in Geography
Alipurduar College, West Bengal, India
(Nov 01, 2006 to Sept 01, 2016)

Associate Professor in Geography
Cooch Behar Panchanan Barma University, West Bengal
(Sept 02, 2016 to Sept 01, 2019)

Professor in Geography
Cooch Behar Panchanan Barma University, West Bengal
(Sept 02, 2019 onwards)

Editor
Geo-Analyst
Journal of the Geographical Society of West Bengal
(July, 2011 onwards)

- **Administrative**

Member, Governing Body
Alipurduar College, West Bengal, India
(2012 to 2016)

University Nominee and President
Governing Body
Birpara College, West Bengal, India
(2015 to till date)

Former Registrar (Actg.)
Cooch Behar Panchanan Barma University, West Bengal
Vivekananda Street, Cooch Behar - 736101, West Bengal

MEMBER OF LEARNED SOCIETIES

- President, Geographical Society of West Bengal, Alipurduar, West Bengal, India
- Editor, Geo-Analyst, ISSN-2249-2909
- Life Member: The Wesleyan Journal of Research, Bankura, West Bengal, India
- Life Member: Indian Academy of Social Sciences, Allahabad, India
- Life Member: Indian Geographical Foundation, Kolkata
- Life Member: Hill Geographer, NEHU, Shillong, Meghalaya
- Life Member: Institute of Landscape, Ecology and Ekistics, Kolkata
- Life Member: Indian Institute of Geographers, University of Pune, Pune
- Life Member: Eastern Geographical Society, Utkal University, Bhubaneswar
- Life Member: Geographical Society of India, University of Calcutta, Kolkata

Postal Address: College Para, Netaji Road, Alipurduar, West Bengal-736121, India

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BOOKS PUBLISHED

- Basu Roy, P. (2015). A Handbook of Transport Geography. ISBN 978-93-82623 56-4. Reader Service. Kolkata.
- Basu Roy, P. (2016). Tourism: An Analytical Approach. ISBN 978-93-84652-1, Book Bazar. Kolkata

SELECTED PUBLICATIONS

- Basu Roy, P. & Malik, U.S (2004). Identification of Eco-tourism Potential of Raiganj Bird Sanctuary, Uttar Dinajpur District, West Bengal. Indian Journal of Landscape System and Ecological Studies. Kolkata. 27(2). pp. 121-130. ISSN 0971-4170,
- Basu Roy, P. & Das, S. (2008) Structural Analysis of Rail network in Birbhum District through Graph Theory, Hill Geographer. XXIV(1&2), pp.79-84, ISSN 0137-477X
- Basu Roy, P. & Mondal, A. (2009). Some Basic Observation on the Santals of Kanksa in West Bengal, Man in India. 89(4). pp.603-613. ISSN 0025-1569.
- Basu Roy, P. Saha, S. & Dutta, B. (2009). Poverty Eradication through Tourism Development in Malda District, West Bengal: A Pro-Poor Tourism Concept, Millennium Development Goals (Ed.), pp.61-67. ISBN 978-818424-419-9,
- Basu Roy, P. (2010). Regional Disparity in Educational Sector: A comparative study between Jalpaiguri and Kolkata district of West Bengal, The Journal of International Social Research.3(14). pp.462-466. ISSN 1307-9581
- Basu Roy, P., Basu Roy, T. & Das, S. (2010). Pro Poor tourism as an approach towards Community Development: A case study, South Asian Journal of Tourism and Heritage, 3(2). pp.90-98. ISSN 0974-5432.
- Basu Roy, P. (2010). Spatio temporal variation of Crime Committed against Women in North East India, Women and Human Rights (Ed.), pp.242-245. ISBN 978-81-910812- 0-6.
- Bag, K.K. & Basu Roy, P. (2010). Some Basic Observations on the Contradictory representation of Women in Advertisement, Canadian Social Science, 6(6). pp.140-145. ISSN 1712-8056.
- Basu Roy, P. & Mondal, K. (2014). Industrialisation and Quality of Air: A Case Study of Durgapur City West Bengal, In Singh, R.S (ed.) Quotidian Urban Challenges-
- Basu Roy, P., Sarkar, D., & Pal. T. (2010). Management of Geo-hazards in India, In Sarkar, S. (ed.) Geo-hazards in Sub-Himalayan North Bengal, Siliguri: North Bengal University Press, pp.181-188. ISBN: 978-81-921692-0-0
- Basu Roy, P. (2011). Environmental Study of Religion based Tourism in Tarapith A Pilgrimage in Birbhum District of West Bengal, Wesleyan Journal of Research. 4(1). pp.29-36. ISSN 0975-1386.
- Basu Roy, P. & Das, S. (2011). Population Growth, Socio-economy and Quality of life in Birbhum District, West Bengal, India, Current Research Journal on Social Science, 3(5). pp.412-418. ISSN 2041-3246
- Basu Roy, P. (2011). Self help Group and Poverty Eradication in India: A Case Study, Journal of Social and Development Sciences, 2(3). pp.131-13. ISSN 2221-1152.
- Basu Roy, P. & Sah, R. (2012). Economic Loss Analysis of Crop Yield due to Elephant Raiding: A Case study of Buxa Tiger Reserve (West), West Bengal, India, Journal of Economics and Sustainable Development, 3(10). pp.83-88. ISSN 2222-1700.
- Basu Roy, P. & Das, S. (2012). Kamtapur Movement in West Bengal: An Emerging Socio-political Tension. Regional Economic Disparities in India (Ed.), pp.74-82. ISBN 978-81-93-5074-027-9.
- Basu Roy, P. & Mandal, K. (2013). Difficulties in identifying in Today's Geography, Practising Geographer. 17(01). pp.191-201. ISSN 0975-3850.
- Basu Roy, P. & Sah, R. (2013). Bird Watching as an Eco-Health Indicator: A case study of Kulik Wild life Sanctuary, Uttar Dinajpur District, West Bengal, India. IOSR Journal of Environmental Science, Toxicology and Food Technology. pp-18-23. ISSN: 2319-2399. 4(2).
- Basu Roy, P. & Sah, R. (2013). Causes of Temporal Variation in the Arrival of Asian Open Bill Stork Population: A Case Study of Kulik Wildlife Sanctuary, West Bengal, India. International Research Journal of Environmental Sciences. 2(4), pp. 39-43. ISSN 2319-1414
- Basu Roy P. & Barman U.K. (2014). Crop Concentration and Diversification in Jalpaiguri District of West Bengal: A Case Study. International Journal of Food,

- Agriculture and Veterinary Sciences, 4(3), pp. 5-9. ISSN: 2277-209X 2014.
- Basu Roy, P. & Das, B. (2015). Educational Institutions, Literacy Rate and Gender Gap in Cooch Behar District of West Bengal: A Correlative Study. *Eastern Geographer*, XXI (1). pp. 467-474. ISSN 0973-7642.
 - Das, B., Basu Roy, P., Ryngnga, P.K. (2016). Spatio-temporal Changes in Urban Land Use Pattern of Alipurduar Municipality, WB, India, In Mukhopadhyay, S.C. et al (ed.) *Land Use Planning and Management (Vol 2)*. Institute of Landscape, Ecology and Ekistics (ILEE) & Sandhya Prakashani, Kolkata, ISBN-978-81-928047-6-7.
 - Basu Roy, P. & Sen, A. (2017). Level of Human Development in Cooch Behar District of West Bengal, India. *Research J. Humanities and Social Sciences*. 8(3). pp., 323-331. ISSN: 2321-5828
 - Basu Roy, P., Sen, A. & Ahir, A. (2017). Seasonal Fluctuation in the Migration of Night Heron Bird Population vis-a-vis Environmental Quality: A Case Study of Kulik Wildlife Sanctuary, India. *International Journal of Research in Geography (IJRG)*. 3(4), pp-27-31, ISSN 2454-8685.
 - Basu Roy, P. & Sarkar, A. (2017). An analysis of urban primacy: The case of Cooch Behar town in West Bengal, India. *Asian Journal of Research in Social Sciences and Humanities*. 7(9), pp-17-24, ISSN : 2249-7315.
 - Biswas, B. & Basu Roy, P. (2018). An Assessment of Rural Health Care Facilities and Infrastructural Gaps of Alipurduar District, West Bengal, India. *Indian Journal of Public Health Research and Development*. 9(6). Pp. 233-238. ISSN-0976-0245. (SCOPUS Indexed)
 - Mondal, P. & Basu Roy, P. (2018). Improvement of Self Reliance among the adolescent girls with the help of economic empowerment: A Study of Dinhata Subdivision, Cooch Behar. *International Journal of Social Science and Economic Research*. 3(7). Pp. 3469-3477 ISSN-2455-8834.
 - Sen, A., Ahir, S. & Basu Roy, P. (2018). The Study of the Developmental Gap in the Education System of Cooch Behar District, West Bengal, India, 9(4). Pp-26253-26256. ISSN-0976-3031.
 - Debnath, A. & Basu Roy, P. (2018). How Happy Elderly are? A Case Study of Dinhata Municipal Town, West Bengal, India. *International Journal of Applied Social Science*, 5(10). Pp. 1595-1605.
 - Debnath, A. & Basu Roy, P. (2019). Social Isolation and Loneliness among Urban Older People: A Study of Cooch Behar Municipal Town, West Bengal, India. Working with Older People, EMERELD.
 - Barnali B, Basu Roy, P. A Study on the Experience of Patients regarding the Quality of Healthcare services provided in the Alipurduar District of India. *J Healthc Qual Res*. 2020; 35(4): 237-244. ELSEVIER.

PROJECTS

- UGC funded Research Project Completed (2011) on Identification of Tourism Potential Areas in Duars area of Jalpaiguri District, West Bengal and Developmental Strategies to reduce Backwardness.
- UGC funded Research Project on Identification of Spatial Character of Transport Efficiency in Northern Parts of West Bengal.
- ICSSR funded Research Project on Status of Rural Women, Left Behind for Male Labour Circulation in Cooch Behar District, West Bengal.
- National Child Labour Society (NCLP), Office of the District Magistrate, Alipurduar funded project on 'Baseline Survey for the identification of Child Labour at Alipurduar District'

SEMINAR/ CONFERENCE ATTENDED ABROAD

- Paper Presented on "Indo-Bangladesh Enclave Exchange: A Study on Dynamics of Emotion" in the International Conference on "Multidisciplinary Approaches on UN Sustainable Developmental Goals (UNSDGs)" Nakhon Pathom Rajabhat University, **Thailand**, 2016
- Paper Presented on "Poverty Alleviation through Pro-Poor Tourism Development in Duars Region of Alipurduar-Jalpaiguri District, West Bengal, India" in the International Conference on "Sustainable Development" organised by Global Academic Research Institute (GARI), Colombo, **Sri Lanka**, 2017

- Paper Presented on “Interdisciplinary and Contemporary Approaches in Geography Education: A Diagnostic Study” in 2018 IGU Thematic Conference on “Practical Geography Challenges” Institute of Geography, Russian Academy of Sciences, Moscow, **Russia**, 2018 (partially funded by ICSSR New Delhi)
 - Paper Presented on “Analyzing Tourism Potential of Alipurduar District, West Bengal, India: A Quantitative Study” in ATRAC 2019, Organized by ASEAN Tourism Research Association, Hoa Sen University. **Vietnam**, 2019.
 - Paper Presented on “Pro Poor Tourism as a Tool for Poverty Alleviation in Purulia District, West Bengal, India” in International Conference on Prospects and Challenges of Sustainable Development in Developing Countries organized by Faculty of Social Science, University of Rajshahi, **Bangladesh**. 2019 (Partially Funded by UNDP).
 - Paper Presented on ‘Geotourism Potential of Gangani, West Bengal, India: A SWOT-AHP Approach’ in Third Hospitality and Tourism Conference, 2019 at Universiti Teknologi Mara, Melaka, **Malaysia**, 2019.
- SEMINAR/CONFERENCE ATTENDED IN INDIA**
- Paper Presented on “Solid Waste Management with special reference to Alipurduar town, Jalpaiguri” in the National Seminar on “Solid Waste Management”, at Chanchal College, West Bengal. 2007
 - Paper Presented on “Existing pattern of International immigrants studying at Santiniketan, Birbhum, west Bengal, India” in the National Seminar on “The Nature And Trends of Internal and International Migration in West Bengal” Dept. of Geography, Maynaguri College, West Bengal, 2007
 - Paper Presented on “Intra District Unbalanced Development in Educational Sector: A case study of Jalpaiguri District, West Bengal” in the National Seminar “Issues in Unbalanced Regional Development” A.B.N. Seal College, West Bengal, 2007
 - Paper Presented on “Regional Disparity in Educational sector: a comparative study between Jalpaiguri and Malda District of West Bengal” in the National Seminar on “Changing Perspectives on Development And Regional Imbalances” Malda Women’s College. West Bengal, 2007
 - Paper Presented on “Need and prospect of Eco-tourism as Vocational Education” in the State Level seminar on “The Need and Prospect of Vocational Courses in Under Graduate Colleges” Alipurduar College, West Bengal, 2007
 - Paper Presented on “Urbanization vis-à-vis Environmental Problems: a case study of Bolpur town, Birbhum District, West Bengal” in the National Congress on “Development and Resource Management” National Association of Geographers, India (NAGI), Udaipur, Rajasthan, 2007
 - Paper Presented on “Industrialization and its environmental Impact: A case study of Durgapur town, west Bengal, India” in the International Seminar on “Globalization, Technology and Economic Transformation” Deccan Geographical Society Bhopal, M.P. 2008
 - Paper Presented on “Urbanization, Environmental Problems and Human Perception: a case study of Bolpur town, Birbhum, West Bengal” in the National Seminar on “Industrialisation, Urbanisation and Political Socialisation in West Bengal” Siliguri College, West Bengal, 2008
 - Paper Presented on “Indecent Representation of Women and its impact on Social Environment” in the National Seminar on “Modern Trends of Environmental Education: Social Care and Well Being in 21st Century” Union Christian Training College, West Bengal, 2008
 - Paper Presented on “Land use Change and its resultant impact on Biodiversity loss: A Case study Buxa Tiger Reserve, West Bengal, India” in the international Seminar on “Land Use Change , Biodiversity and Climate Change” Nesamony Memorial Christian College, Tamil Nadu, 2008
 - Paper Presented on “Poverty Eradication through tourism Development” in the National Seminar on “Millennium Development Goals: A Social Science Perspective” Bishop Heber College, Tiruchy, Tamil Nadu, 2009
 - Paper Presented on “Women Exploitation : An Expression of Socio-economic disability” in the National Seminar on “Women Empowerment in India: Issues

- and Challenges” Osmania University College for Women Hyderabad, Andhra Pradesh, 2009
- Paper Presented on “Cultural Impact of Globalization in West Bengal: An evolution from pre independence to modern” in the National Seminar on “Trends of Modernity In Bengal” Kalipada Ghosh Terai Mahavidyalaya, West Bengal, 2009
 - Paper Presented on “Women trafficking-A brief hierarchical analysis with special reference to selected districts of West Bengal” in the National Seminar on “Social Attitude to Trafficking in and Violence Against Women in India” Thakur Panchanan Mahila Mahavidyalaya, West Bengal, 2009
 - Paper Presented on “Threat to Biodiversity: A case Study of Buxa Tiger Reserve, West Bengal, India” in the International conference on “Land Use Change, Biodiversity and Sustainable Resource Management” C.M. Dubey P.G. College, Bilaspur, Chhattisgarh. 2009
 - Paper Presented on “Globalization and Socio-cultural transformation in West Bengal” in the National Seminar on “Issues on Physical and Social Environmental Change” Dept. of Geography Alipurduar College, West Bengal, 2010
 - Paper Presented on “Kamtapur Movement in West Bengal: An emerging socio-political tension” in the National Seminar on “Inclusive Growth and Social Tension” Andhra University, Andhra Pradesh, 2010
 - Paper Presented on “Spatio-temporal variation of crime committed against women in Northeast India” in the National Seminar on “Human Rights and Socio-Economic and Political Status of Women in Northeast India” Barbhag college, Assam, 2010
 - Paper Presented on “Climate Change, Global Politics and India” in the National Seminar on “Global Warming and Climate Change: Issues and Challenges in 21st Century India” Suri Vidyasagar College, West Bengal, 2010
 - Paper Presented on “Management of Geohazards in India: many a slip between the cup and the lip” in the 23rd Annual Conference of IGI and National Seminar on “Global Environmental Change: Geomorphological Issues and Challenges” Dept. of Geography, Gauhati University, Assam, 2010
 - Paper Presented on “Globalization and Tribal Life-a symbiotic relationship: A case study on Sonajhuri Village, West Bengal” in the State level seminar ob “Nation and Its Tribal Populace” Jhargram Raj College, West Bengal, 2010
 - Paper Presented on “Globalization and cultural transformation in West Bengal” in the National Seminar & XXXIV Indian Social Science Congress on “Information Technology, Mass Media and Culture” Gauhati University, 2010
 - Paper Presented on “Tradition, Continuity and Change : A study of Rabha Culture of West Bengal” in the National Seminar on “Geography: Space, Time And People” Indian Geographical Foundation, Kolkata, 2011
 - Paper Presented on “Identification of Tourism potential areas and Micro Developmental planning in Jalpaiguri District, West Bengal” in the National Seminar on “Natural Resource Management” Dept. of Geography, University of Calcutta, 2011
 - Paper Presented on “APL-BPL livelihood differences: A case study of rural India” in the National Seminar on “Applied Geography: Issues and Techniques” Dept. of Geography, University of Calcutta, 2011
 - Paper Presented on “Changing face of Socio-cultural set up in contemporary Bengal, India in the National Seminar on “Changing Society, Culture and its Impacts on People” Sambhunath College, Birbhum, 2012
 - Paper Presented on “Rural Women Participation in Development” in the National Seminar on “Issues on Rural Livelihood in India” Gour Mahavidyalaya, Malda, 2012
 - Presented Paper on “the Global Politics and India’s standpoint” in the international conference on “Dimensions of Development and Resource Conservations” Dept of Geography, Calcutta University, 2012
 - Paper presented on “Women Empowerment in Tagorian Ideals: A reflection through Tagore’s Selected Poems” in the National Seminar on “Human Dimensions of Environmental

- Change” Kazi Nazurul Islam Mahavidyalaya, Churulia, 2013
- Paper Presented on “Status of Socially Vulnerable People” in the National Seminar on “Sustainable Livelihood, Environment and Development” Dept of Geography and Applied Geography, University of North Bengal, 2013
 - Paper Presented on “Kantha Stitch and its impact on Rural Women Empowerment: An Indian Case Study” in international Conference on “Women Empowerment” International Multidisciplinary Research Foundation, 2014
 - Paper Presented on “Analysing the Population Growth, Socio-Economic Development and Quality of Life in Cooch Behar District, West Bengal” in the National Seminar on “Land, People and Society” Dept. of Geography and Applied Geography, University of North Bengal, 2014
 - Paper Presented on “Environmental Impact of Urbanisation: An Analysis” in the National Seminar on “Population, Urbanisation and Changing State of Environment” Dept. of Geography, Birpara College, 2014
 - Paper Presented on “Gender Gap in Literacy in West Bengal” in the international Seminar on “Women Empowerment: Issues and Challenges” Gossaigaon College, Assam, 2014
 - Paper Presented on “Changing Urban Landuse and Morphology of Alipurduar Municipal Town of West Bengal, India” in the 36th Indian Geographers Meet and international Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspectives” Dept of Geography, Gauhati University, 2015
 - Paper Presented on “Recent Trends in Geographical Studies” in international Conference on “Modern Trends in Social and Basic Sciences” Alipurduar College, 2015
 - Paper Presented on “Need and Prospect on Environmental Education” in the International Conference on “Ecology, Globalisation and Human Rights” Maynaguri College, 2016
 - Paper Presented on “Climate Change and Global Politics with special reference to India” in the International Conference on “Environmental Degradation due to Human Interference” Raiganj University, 2016
 - Paper Presented on “Spatio-temporal Changes in Urban Land Use Pattern of Alipurduar Municipality, WB, India” in the national Seminar on “Land Use Planning and Management” Institute of Landscape, Ecology and Ekistics (ILEE) & Dept. of Geography, University of Calcutta, 2016
 - Paper Presented on “Women Empowerment through Microfinance: A Case Study of Selected Self Help Groups of Cooch Behar District, West Bengal” in the Nation Seminar on “Rural Development and Challenges in India: Avenues, Awareness and Assessment” Cluny Women’s College, West Bengal, 2016
 - Paper Presented on “Spatio-temporal Changes in Urban Land Use Pattern of Alipurduar Municipality, West Bengal, India” in the National Seminar on Landuse Plan and Management Organised by ILEE in Collaboration with Department of Geography Calcutta University in 2016
 - Paper Presented on “Rural Labour Migration and Women Empowerment: A Case Study of Alipurduar District, West Bengal, India” in the International Seminar in 48th Regional Science Conference on Rural Habitat, Institute and Development: Changing Nature and Challenges in Tripura University in 2017
 - Paper Presented on “Empowered of Adolescence Girls with Special Reference to Good Governance: A Study of Cooch Behar District, West Bengal” in the XI International Geographical Union (IGU) on Environment and Sustainable Livelihood in Department of Geography B. Borooah College, Guwahati, Assam in 2018
 - Paper Presented on “Measuring the Connectivity Efficiency of Transport Route Network in Northern Districts of West Bengal” in the National Seminar on “Contemporary Research Perspectives in Geography” International Benevolent Research Foundation, Kolkata, 2018.
- SEMINAR/CONFERENCE ORGANISED**
- Convener of UGC Sponsored National Seminar on “Issues on Physical and Social Environmental Change” held on February 13-14, 2010 Organised by Dept. of

Geography , Alipurduar College in Collaboration with Gour Mahavidyalaya at Alipurduar College, West Bengal

- Convener of NABARD Sponsored National Seminar on “Rural Development Challenges and Opportunities” held on March 23-24, 2013 Organised by Geographical Society of North Bengal at Alipurduar Municipal Hall, West Bengal
- Convener of UGC Sponsored National Seminar on “Need and Prospects of Environmental Education” held on 2016 Organised by Dept. of Geography , Alipurduar College.

CHAIR / CO-CHAIR IN SEMINAR/ CONFERENCE SESSION

- Chaired a Session in the International Seminar in 48th Regional Science Conference on “Rural Habitat, Institute and Development: Changing Nature and Challenges” in Tripura University in 2017
- Chaired a Session “International Conference on Sustainable Development” Organised by Global Academic Research Institute, Colombo, Sri Lanka in 2017
- Co-chaired a Session in UGC Sponsored National Seminar on “Regional Dimensions of Social Development in India: Policy Perspectives” at Department of Geography, Saheed Khudiram College, Alipurduar, West Bengal in 2017
- Co-chaired a Session in the 4th International Seminar on “Population, Urbanisation and Environment: Contemporary Issues and Challenges” at the Department of Geography, University of Gour Banga, West Bengal, India in 2018
- Co-chaired a Session in the XXIX Biennial Conference of North East Indian Geographical Society (NEIGS) cum XI International Geographical Union (IGU) Commission Seminar, at Department of Geography, B. Borooah College, Guwahati in 2018
- Chaired a Session in the International Conference on “Environmentalism, Globalism, and Mortality” at Alipurduar College Organised by the Institute of Cross-Cultural Studies and Academic Exchange, ELON, NC, USA, 2018

OTHERS

- Resource Person in 4th International Seminar on "Population, Urbanization and Environment: Contemporary Issues and Challenges, University of Gour Banga, Malda, 2018
- Resource Person in 1st International Conference on Prospects and Challenges of Sustainable Development in Developing Countries, University of Rajshahi, Bangladesh, 2019.
- Invited Member, International Society of Development and Sustainability (ISDS), Japan
- Member, Editorial Board, Practicing Geographer, Journal of Foundation of Practicing Geographers, Kolkata
- Editor, Rural Development: Challenges and Opportunities (Vol: 1), Alipurduar: Geographical Society of North Bengal. ISBN: 978-81-92-70-59-0-3
- Editor, Rural Development: Challenges and Opportunities (Vol: 2), Alipurduar: Geographical Society of North Bengal. ISBN: 978-81-92-70-59-1-0.