

CURRICULUM VITAE

Dr./Mr./Mrs./Name: Dr. SHERAP BHUTIA

Designation in (subject): Associate Professor of Geography

Highest qualification: Ph.D

Contact details/ Office address:

Department of Geography, Darjeeling Government College, Darjeeling

Vidwan ID (Mandatory): 274908

Email id (official): sherapbhutia@gmail.com

Date of joining to this institution*: 26/08/2016

Date of joining W.B.E.S.: 08/02/2006

Previous position(s) held/ Additional charges (if any): Part-Time Lecturer in Geography at Darjeeling Government College from 4/03/1999 to 30/04/2005

Lecturer (Ad Hoc) in Geography at Darjeeling Government College from 2/05/2005 to 7/02/2006

Teaching experience in years & months: +25 yrs

Fellowship, Awards, Recognition and Honours (if any):

Courses taught: Post Graduate & Under Graduate in Geography

Research area/ interest: Rural Development, Urbanization, Tourism, Himalayan Studies, Mountain Ecology, Natural Hazards, Demography, Tribal Studies, Remote Sensing & GIS and other Social Issues.

List of publications-

***Peer reviewed journals:**

- [1] Bhutia, S. (2011). A Future Growth of Tribal Population: A Case Study of Darjeeling Himalaya. Tribal World, 1(1), 73-81, ISBN 81-88094-12-9.
- [2] Bhutia, S. (2012). Development of Tea Industry in Darjeeling District: A Study on its Area, Production and Marketing System. Journal of Geo-Environment Observer, A Bi-annual Refereed Multidisciplinary Journal 1(2), 51-60. ISSN 2277-6141.
- [3] Bhutia, S. (2013). Formation & Composition of Self-Help Groups for Rural Development in Darjeeling Hills of West Bengal.: A Geographical Perspective. Journal of International Academic Research for Multidisciplinary, 1(11), 1-11. ISSN 2320-5083. Bhaskar publisher, India.
- [4] Bhutia, S. (2014). Growth & Development of Tourism Sector in West Bengal: Issues & Concerns. American International Journal of Research in Humanities, Arts and Social Sciences, USA, 6(3), 239-246. SSN (Print): 2328-3734, ISSN (Online): 2328-3696, ISSN (CD-ROM): 2328-3688 STEM International Scientific Online Media and publishing house, US.
- [5] Bhutia, S. (2014). Human Response on Socio-Economic Development in Darjeeling Himalaya of West Bengal. Asian Academic Research Journal of Social Science and Humanities, 1(22), 166-173. ISSN 2278-859X. Publisher, Asian Academic Research Associates, India.
- [6] Bhutia, S., Rawat, S., & Chhetri, A. (2014). Labour Migration and their Exploitation: A Case Study in Hill Towns of West Bengal. European Academic Research Journal, 2(2), 1831-1845. ISSN 2286-4822. Co-author Sunny Rawat & Ashish Chhetri. Kogaion Publishing Centre, Romania.



- [7] Bhutia, S., & Rai, N. (2014). Human Trafficking in Indo-Nepal Border: Causes and Consequences. *Journal of International Academic Research for Multidisciplinary*, 2(4), 70-77. ISSN 2320- 5083. Co-author Namrata Rai. Bhaskar Publisher, India.
- [8] Bhutia, S. (2014). Population and Environment: A Study on Indian Perspective. *International Journal of Research in Social Sciences*, 3(5), 32-33. ISSN 2277-8179. DOI: 10.15373/22778179. Publisher, Intressco, India.
- [9] Bhutia, S. (2014). Mountain people and their response to environment: a study of Darjeeling Himalaya. *International Journal of Research in Social Sciences*, 4(2), 191-201. ISSN: 2249-2496. Publisher, International Journal of Multidisciplinary Research Academy, US.
- [10] Bhutia, S. (2014). Immunization Activity for Child Development under Family Welfare Programme in Darjeeling Hills of West Bengal. *Quest International Multidisciplinary Research Journal*, 3(1), 41-51. ISSN 2278-4497. Publish World, Gujarat, India.
- [11] Bhutia, S. (2014). The role of tourism for human resource development in Darjeeling district of West Bengal, India. *Journal of Tourism and Hospitality Management*, American Research Institute for Policy Development, 2(1), 113-128. ISSN: 2372-5125 (Print), 2372-5133 (Online). Publisher, American Research Institute for Policy Development, US.
- [12] Bhutia, S. (2014). Changing political landscape of West Bengal: A study of Lok Sabha elections, 2009 & 2014. *IOSR Journal of Humanities & Social Science*, 19, 27-37. e-ISSN: 2279-0837, p-ISSN: 2279-0845. [Impact Factor **1.589**] DOI: 10.9790/0837-19742737. Publisher, International Organization of Scientific Research, India.
- [13] Bhutia, S. (2014). Economic development and environmental issues in Darjeeling Himalaya of West Bengal, India: A theoretical perspective. *International Journal of Humanities and Social Science Invention*, 3(7), 42-47. ISSN (Online): 2319-7722, ISSN (Print), [Impact Factor 1.756] DOI: 29.7722/0372042047.
- [14] Bhutia, S. (2014). A Spatio-Temporal Study on Occupational Structure of Population in Darjeeling District of West Bengal. *The International Journal's Research Journal of Social Science & Management*, 4(4), 232-240. ISSN: 2251-1571. Publisher, TIJ Research Publications Pvt. Ltd., Singapore.
- [15] Bhutia, S., & Biswas, S. (2015). Development of Tourism Industry & its Management in West Bengal: A Geographical Analysis. *Research Expo International Multidisciplinary Research Journal*, 5(4), 96-106. ISSN: 2250-1630. Co-author Shilpa Biswas. Publisher, International Society for Research Activity, India.
- [16] Bhutia, S. (2015). A Spatio-Temporal Study on Urbanization in the Darjeeling Himalaya: A Demographic Perspective. *IOSR Journal of Humanities and Social Science*, 20(4), 10-18. , e-ISSN: 2279-0837, p-ISSN: 2279-0845. Publisher, International Organization of Scientific Research, India. DOI: 10.9790/0837-20421018
- [17] Bhutia, S. (2015). Understanding Population, Development & Environment in Darjeeling Landscape: A Situational Analysis. *Asian Journal of Research in Social Sciences and Humanities*, 5(5), 159-168. p-ISSN: 2250-1665, e-ISSN: 2249-7315 [Impact Factor **3.094**] DOI: 10.5958/2249-7315.2015.00116.1, Publisher, Indianjournals.com, India.
- [18] Bhutia, S. (2015). Sustainable Tourism Development in Darjeeling hills of West Bengal India: Issues & challenges. *Global Journal of Human-Social Science (B), Geography, Geo-Sciences, Environmental Science & Disaster Management* 15(3), 1-10. ISSN: 0975- 587X (Print), Publisher, European Centre for Research, Training and Development (ECRTD), UK.
- [19] Bhutia, S. (2015). Urban Growth & Its Implication on Tourism in the Queen of Hills: A Case Study of Darjeeling Town. *Parimars, A National Interdisciplinary Research Journal*, 2, 49-65. ISSN: 2395-4612 (Print).
- [20] Bhutia, S. (2016). Darjeeling Tea Industry: A Geographical Perspective on Production, Development, Promotion and Prospects. *Khoj - A Peer Reviewed International Journal of Geography*, 3, 84-96. ISSN No. 2350-1359 (Print), DOI: 10.5958/2455-6963.2016.00009.6
- [21] Bhutia, S. (2016). Rural Tourism for Sustaining Rural Livelihoods in Darjeeling Hills. *International Journal of Research in Economics and Social Sciences*, 6(6), 1-7. ISSN 2249- 7382 (Print).
- [22] Bhutia, S. (2017). A situational analysis of water resources in Darjeeling Municipal Town: issues and challenges. *International Journal of Research in Geography*, 3(4), 52-60. ISSN 2454-8685.

- [23] Bhutia, S. (2018). Towards Gender Equality in Education & Changing Pattern of Literacy in West Bengal: Evidences from an Empirical Research. Research Reinforcement, A Peer Reviewed International Refereed Journal, 6(1), 1-9. ISSN 2348-3857.
- [24] Bhutia, S. (2020). Sustainable Tourism for Regional Development in North-East States of India: Trends, Problems and Prospects., Geography, Geo-Sciences, Environmental Science & Disaster Management, Global Journal of Human-Social Science (B) 15(3), 1-10 Publisher, European Centre for Research, Training and Development (ECRTD), UK. ISSN: 0975- 587X (Print),20(2), 20-34.

Books/chapters in books etc. (if any):

- [1] Bhutia, S. (2012): Chapter entitled “Urbanization and its Impact on Environment in the Darjeeling Himalaya”, in a book entitled “Resource Management: Human & Natural”, ed. Samhita Chaudhuri & Dulal Chandra Roy, Readers Service, Kolkata. ISBN: 978-81-87891-47-55. pp. 142-153.
- [2] Bhutia, S. (2014): Human Trafficking in South Asia, (Ed) Published by G.B. Books, New Delhi. [ISBN 978-81- 927183-1-6] Pp. 378
- [3] Bhutia, S. (2013): Chapter entitled “Economic Composition of Population in Darjeeling District”, in a book entitled “Economy of North Bengal: A District Level Study”, ed. Dulal Chandra Roy, N.L. Publishers, Siliguri. ISBN: 978-81-86860-59-5. pp. 292-312. Single Author
- [4] Bhutia, S. (2014): Chapter entitled “Cross Border Human Trafficking between India & Nepal: Threats & Challenges”, in a book entitled “Human Trafficking in South Asia”, ed. Vinod K. Bhardwaj & Sherap Bhutia, G.B. Books, New Delhi. ISBN: 978-81-927183-1-6. pp. 182-193.
- [5] Bhutia, S. (2015): Chapter entitled “Tibetan Refugees in India: Issue of Survival and Challenges”, in a book entitled “Human Migration in South Asia: Prospects & Constraints”, ed. Vinod K. Bhardwaj Nandkumar N. Sawant, G.B. Books, New Delhi. ISBN: 978-93-83930-10-4. pp. 87-100.
- [6] Bhutia, S. (2015): Chapter entitled “Opening of Nathu-la Cross Border Trade between India & China: A Geo-political Issues & Implications”, in a book entitled “Borders in South Asia: Interlinkages & Challenges”, ed. Vinod K. Bhardwaj, Nandkumar N. Sawant & Manoj Kumar Saini, G.B. Books, New Delhi. ISBN: 978-93-83930-16-6. pp. 187-199.
- [7] Bhutia, S. (2015): Chapter entitled “Role of Self-Help Groups in Generating Sustainable Rural Livelihoods in Darjeeling Hills of West Bengal: Issues & Concerns”, in a book entitled “Issues on Rural Livelihood in India”, ed. Dr. Pradip Chouhan, Readers Service, Kolkata. ISBN: 978-93-82623-12-0. pp. 18-30.
- [8] Bhutia, S. (2016): Chapter entitled “Tibetan Migrants in India: Issues & Challenges of their Identity”, in a book entitled, “Human Resource Mobility in South Asia: Achievements & implications”, ed. Vinod K Bhardwaj & Ajay Chhetri, G.B. Books, New Delhi. ISBN: 978-93-83930-17-3. pp. 241-250.
- [9] Bhutia, S. (2016): Chapter entitled “Women Empowerment through Self-Help Groups: An Effective Approach for Rural Development (A Case of Darjeeling Hills in West Bengal in India)”, in a book entitled, “South Asia: Intra-regional Conflict & Cooperation”, ed. Vinod Bhardwaj & Nandkumar N Sawant, G.B. Books, New Delhi. ISBN: 978-93-83930-43-2. pp. 137-162.
- [10] Bhutia, S. (2017): Chapter entitled “Agro-Biodiversity as a genetic resource for food and agriculture in Sikkim”, in a book entitled, “Environmental Challenges, Biodiversity & Sustainable Development”, ed. Shyam S. Khinchi & Meenu Tanwar, V L Media Solutions, New Delhi. ISBN: 978-93-86229-03-8. pp. 155-184.
- [11] Bhutia, S. (2017): Chapter entitled “Indigenous Lepcha Tribes of Darjeeling Hills of West Bengal: A Critical Appraisal of their Habitat, Economy & Society”, in a book entitled, “Tribal Resistance Movements In India: Pre and Post Independence Era”, ed. Hareet Kumar Meena, Authorspress Publication, New Delhi. ISBN: 978-93-52074-61-7. pp. 144-167.
- [12] Bhutia, S. (2017): Chapter entitled “A Discourse Analytic Study of Food Security in India: Assessment, Issues & Performance”. In a book entitled “Global Food Security and Biodiversity”, ed. Shyam S. Khinchi & Meenu Tanwar, LULU Publication, USA. ISBN: 978-1-365-97800-5. pp. 108-130.
- [13] Bhutia, S. (2019): Chapter entitled “Understanding the rainwater harvesting in Darjeeling Town: An initiative to mitigate water crisis”, in a book entitled “Water Crisis and Food Security”, ed. Ateeque Ahmed, Syed Kausar Shamim & Nikhat Bano (2019) published by Keystone Publication House, New

Google Scholar link/ ResearchGate link/ ORCID ID (if any): <https://orcid.org/0000-0001-9949-7560>

Presentations/ attended in conferences/ workshops/seminars/symposium etc:

- [1] Presented a paper entitled, “Urbanization and its Impact on Environment in the Darjeeling Himalaya” in the UGC sponsored National Seminar on Interdisciplinary Approach to Resource Management in Eastern Himalayan Region: Human & Natural, organised by Kalimpong College, Kalimpong, West Bengal, 24-25 March, 2012.
- [2] Presented a paper entitled, “Role of Self-Help Groups in Generating Sustainable Rural Livelihoods in Darjeeling Hills of West Bengal: Issues & Challenges” in the UGC sponsored two days National Seminar on Issues on Rural Livelihood in India, organised by Gour Mahavidhyalaya, Malda, West Bengal, 8-9 Sept, 2012.
- [3] Presented a paper entitled, “Impact of Self-Help Groups (SHGs) in Generating Sustainable Rural Development: A Study of Darjeeling Hills in West Bengal” in the ICSSR sponsored two days Interdisciplinary National Conference on Sustainable Rural Development in India: Efforts & Challenges, organised by IIS University, Jaipur, Rajasthan, 18-19 Sept, 2012. (*Invited Speaker*)
- [4] Presented a paper entitled, “Impact of Man on Socio-Economic Development: A Case Study of Darjeeling Himalaya” in National Seminar on Himalaya: Environment and Development, sponsored by Department of Geography, University of Calcutta; Netaji Institute for Asian Studies; National Atlas & Thematic Mapping Organisation & Department of Forest, Government of West Bengal, organised by Himalaya Samiksha Parishad, held at Department of Geography, Ballygunj Science College, Kolkata, West Bengal, 10th Nov, 2012.
- [5] Presented a paper entitled, “Rural Development in Darjeeling Hills: A Case Study” in the National Seminar on Challenges of Livelihood and Inclusive Rural; Development in the Era of Globalization, organized by A. K. Dasgupta Centre for the Planning and Development, Department of Economics and Politics, Visva-Bharati, Santiniketan, West Bengal, 23 Nov, 2012.
- [6] Presented a paper entitled, “Cross Border Human Trafficking Between India & Nepal: Threats & Challenges” in the ICSSR sponsored two days International Interdisciplinary Conference on Human Trafficking: Global Efforts to Combat & Challenges, organized by the Department of Geography, Darjeeling Govt. College, Darjeeling, West Bengal, 26-27 November, 2012.
- [7] Presented a paper entitled, “Human Trafficking in Indian Borderland: Causes and Consequences” in the ICSSR sponsored two days International Interdisciplinary Conference on Human Trafficking: Global Efforts to Combat & Challenges, organized by the Department of Geography, Darjeeling Govt. College, Darjeeling, West Bengal, 26-27 November, 2012. (Co-Presenter: Namrata Rai).
- [8] Presented a paper entitled, “Labour Migrants and their Exploitation: A Case study of Darjeeling Hills” in the ICSSR sponsored two days International Interdisciplinary Conference on Human Trafficking: Global Efforts to Combat & Challenges, organized by the Department of Geography, Darjeeling Govt. College, Darjeeling, West Bengal, 26-27 November, 2012. (Co-Presenter: Sunny Rawat).
- [9] Presented a paper entitled, “Tibetan Refugee in India: Issue of Survival & Challenges” in the ICSSR sponsored two days International Conference on Human Migration in South Asia: Patterns, Development & Challenges, organized by the Department of Geography, Parvatibai Chowgule College, Margao, Goa, 22-23 Feb, 2013. (*Invited Speaker*)
- [10] Presented a paper entitled, “Indo-Nepal Migration: Problems & Challenges” in the ICSSR sponsored two days International Seminar on India-Nepal Relations: The Emerging Issues and Challenges of Cooperation, organized by the South Asian Studies Centre, University of Rajasthan, Rajasthan, 22-23 March, 2013. (*Invited Speaker*)
- [11] Presented a paper entitled, “Changing Economic Development & its Impact on Environment in Darjeeling Himalaya of West Bengal” in the UGC sponsored two days National Seminar on Contemporary Issues on Environment & Development in India & Adjacent Countries, organized by the Department of Geography, Kalyani Mahavidyalaya, Kalyani in collaboration with Department of Environmental Science, University of Kalyani, Nadia, West Bengal, 20-21 Sept, 2013.
- [12] Presented a paper entitled, “Population Pressure & Degradation of Environment in Darjeeling Himalaya of West Bengal” during the 1st International Conference of Association of Punjab

Geographers on Disaster, Natural Resource Management & Socio-economic Development, organized by the Department of Geography, Kurukshetra University, Kurukshetra, Haryana, 4-5 Oct, 2013.

- [13] Presented a paper entitled, “Tibetan Migration in India: Issues & Challenges of their Identity” in the ICSSR sponsored two days International Interdisciplinary Conference on Human Resource Mobility in South Asia: Implications, Exploitation and Remedies, organized by the Department of Geography, Sikkim Government College, Gangtok, Sikkim, 18-19 Oct, 2013. (*Invited Speaker*)
- [14] Presented a paper entitled, “Human Response to Mountain Environment: A case study of Darjeeling Himalaya in West Bengal” during the Institute of Indian Geographers (IIG), 35th Indian Geographers’ Meet & International Conference on Environment, Development & Equity, organized by the Department of Geography, University of Burdwan, 11-13 Nov, 2013.
- [15] Presented a paper entitled, “Urbanisation and its impact on Development in the Darjeeling Himalaya” during the 12th International Asian Urbanization Conference on Urban Dynamics, Environment and Health: Challenges for the Twenty First Century, organized by the Department of Geography, Banaras Hindu University, Varanasi, Uttar Pradesh, 28-30 Dec, 2013.
- [16] Co-Chaired the Technical Session, I–A, during the 12th International Asian Urbanization Conference on Urban Dynamics, Environment and Health: Challenges for the Twenty First Century, organized by the Department of Geography, Banaras Hindu University, Varanasi, Uttar Pradesh, 28-30 Dec, 2013.
- [17] Presented a paper entitled, “An Appraisal of Population & Environment in Darjeeling Hills of West Bengal” in the ICSSR sponsored two days International Seminar on Environment, Mass Movement & our Literature: Multi-Dimensional Outlook, organized by Centre for Development Studies and Research in collaboration with Rabindra Bharati University & Krishnagar Women’s College, Krishnagar, Dist. Nadia, West Bengal, 18-19 Jan, 2014. (*Invited Speaker*)
- [18] Presented a paper entitled, “An Appraisal of Urban Population Growth & Environmental Crisis in Darjeeling Himalaya” during the two days Interdisciplinary National Seminar on Integrated Regional Planning and Human Resource Development in India, organized by the Department of Geography, Parishkar College of Global Excellence, Jaipur, Rajasthan, 10-11 Feb, 2014. (*Invited Speaker*)
- [19] Co-Chaired the Technical Session – II on 10 Feb, 2014 during the two days Interdisciplinary National Seminar on Integrated Regional Planning and Human Resource Development in India, organized by the Department of Geography, Parishkar College of Global Excellence, Jaipur, Rajasthan, 10-11 Feb, 2014.
- [20] Presented a paper entitled, “Population, Development & Environment: A Study on the Himalayan Dilemma” during the two days International Seminar on Global Issues of Population Development and Environment, organized by Population Research Centre, Institute for Social and Economic Change (ISEC), Bangalore, Karnataka, 27-28 Oct, 2014.
- [21] Presented a paper entitled, “Women Entrepreneurship & Empowerment through Self-Help Groups” during the two days National Interdisciplinary Seminar on Rural Employment in India: Efforts, Achievements & Constraints, organized by the Department of Geography, Government College, Rhenock, Sikkim, 14-15th Nov, 2014. (*Invited Speaker*)
- [22] Presented a paper entitled, “Tourism & Environment: Issues of Concern in Darjeeling Hills of West Bengal” during the three days International Conference on Mother Earth: Save it to achieve a sustainable future for all, organized by Department of Environmental Science, University of Burdwan, West Bengal, India, 10-12 Dec, 2014.
- [23] Presented a paper entitled, “Opening of Nathu-la Cross Border Trade between India & China: A Geopolitical Expectations & Implications” during the two days International Conference on International Borders in South Asia: Inter-linkages, Conflicts & Challenges of Management, organized by Parishkar College of Global Excellence, Jaipur, Rajasthan and Parvatibai Chowgule College of Arts & Science, Margao, Goa, India, 12-13 Dec, 2014. (*Invited Speaker*)
- [24] Reviewed in invited paper entitled, “Combating Trans-Border Crime in South Asia” authored by Shri. Dinesh Tripathi, Advocate, Supreme Court, Nepal, during the two days International Conference on International Borders in South Asia: Inter-linkages, Conflicts & Challenges of Management, organized by Parishkar College of Global Excellence, Jaipur, Rajasthan and Parvatibai Chowgule College of Arts & Science, Margao, Goa, India, 12-13 Dec, 2014.
- [25] Presented a paper entitled, “Population Growth & Environmental Issues in Darjeeling Himalaya of West Bengal: An Analytical Framework” during the two days International Seminar on Environmental

Perspectives & Resource Management, organized by Institute of Landscape, Ecology & Ekistics (ILEE), Kolkata, West Bengal, India, 19-20 Dec, 2014.

- [26] Acted as a Rapporteur during the two days International Seminar on Environmental Perspectives & Resource Management, organized by Institute of Landscape, Ecology & Ekistics (ILEE), Kolkata, West Bengal, India, 19-20 Dec, 2014.
- [27] Presented a paper entitled, "Towards Sustainable Tourism for Human Resource Development in Darjeeling Hills of West Bengal, India" during the three days International Seminar on Human Development and Sustainability: Challenges and Strategies for the Asian Century, Organized by the Asia-Pacific Branch of the International Consortium for Social Development with Department of Social Work, Visva-Bharati, Sriniketan, West Bengal, India, 16-18 Jan, 2015.
- [28] Presented a paper entitled, "Challenges of Tourism Development in Generating Opportunities for Sustainable Livelihoods: A Case Study of Darjeeling Hills in West Bengal" during the National Seminar on "Social Well-being: Issues and challenges in 21st Century India, organized by the Department of Geography, University of Gour Banga, Malda, West Bengal, held on 07th January, 2015.
- [29] Presented a paper entitled, "A Spatio-Temporal Analysis of Human Interference to Mountain Environment: A Case Study" during the two days Interdisciplinary National Seminar on Human Response to Environment Changes in India: Management & Challenges, organized by the Department of Geography, Parishkar College of Global Excellence, Jaipur, Rajasthan, 23-24 January, 2015. (*Invited Speaker*)
- [30] Presented a paper entitled, "Constraints to the Growth & Development of Tourism in Darjeeling Landscape: An Environmental Appraisal" during the three days IXth DGSI International Geography Conference on Tourism, Environment & Development Human Development, Organized by University Department of Geography, Magadh University, Bodh Gaya (Bihar), in collaboration with The Deccan Geographical Society of India (DGSI), Pune, INDIA, 26-28 Feb, 2015.
- [31] Chaired the Technical Session – II on 12 March, 2015 in the Interdisciplinary National Seminar on Migration & Regional Development in India: Implications & Challenges, organized by the Department of Geography, Nagaland University, Lumami, Nagaland, 12-13 March, 2015.
- [32] Chaired the Technical Session – IIA on 27th August, 2015 in the Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27-28 August, 2015.
- [33] Presented a paper entitled, "Empowering Rural Development through Tourism in Darjeeling Hills of West Bengal" during the ICSSR sponsored two days Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27-28 August, 2015. (*Plenary Speaker*).
- [34] Presented a paper entitled, "An Assessment of Self-Help Groups & their Impact on Regional Development in Darjeeling Hills of West Bengal" during the two days International Conference on Issues in Regional Development, organized by Centre for Regional Development & Planning Department of Economics, University of Burdwan, INDIA, 15-16 Sept, 2015.
- [35] Co-Chaired the Technical Session – III (on the theme: Tribal Leaders & Resistance) on 22nd Sept., 2015 during the National Seminar on "Tribal Resistance Movements in India (With special reference to Central India), organized by the Department of History, Indra Gandhi National Tribal University (A Central University Established by the Act of Parliament), Amarkantak, Madhya Pradesh, 22-23rd Sept, 2015.
- [36] Co-Chaired the Technical Session – V (on the theme: Tribal Resistance in Eastern & North Eastern India & Constitutional Safeguards for Tribes in India) on 23rd Sept., 2015 during the National Seminar on "Tribal Resistance Movements in India (With special reference to Central India), organized by the Department of History, Indra Gandhi National Tribal University (A Central University Established by the Act of Parliament), Amarkantak, Madhya Pradesh, 22-23rd Sept, 2015.
- [37] Presented a paper entitled, "The Himalayan Dilemma: A Study on Environmental Catastrophic in a Mountain Ecosystem of Darjeeling Region" during the three days Xth DGSI International Geography Conference on Sustainable Planet Earth: Ecological Dimensions & Strategies, organized by Department of Geography, Faculty of Earth Sciences, Mohanlal Sukhadia University, Udaipur, Rajasthan, in collaboration with The Deccan Geographical Society of India (DGSI), Pune, INDIA, 17-19 October, 2015.

- [38] Co-Chaired the Technical Session, C–VI (on the theme: Urban Sustainability & Futurology) on 19th Oct., 2015 during the three days Xth DGSi International Geography Conference on Sustainable Planet Earth: Ecological Dimensions & Strategies, organized by Department of Geography, Faculty of Earth Sciences, Mohanlal Sukhadia University, Udaipur, Rajasthan, in collaboration with The Deccan Geographical Society of India (DGSi), Pune, INDIA, 17-19 October, 2015.
- [39] Presented a paper entitled, “Sustainable Tourism in Mountain Region: A Perspective of Development in Sikkim” during the three days 36th INCA International Congress on ‘Cartography for Analysis & Management of Climate Change’, organized by Department of Geography, Vidya- Bhavna, Visva-Bharati, Santiniketan, West Bengal, in collaboration with Indian National Cartographic Association (INCA), INDIA, 9-11 November, 2016.
- [40] Acted as a Rapporteur in Technical Session 11 (on the theme: Cartography for Land Degradation & Desertification) on 10/11/2016, during the three days 36th INCA International Congress on ‘Cartography for Analysis & Management of Climate Change’, organized by Department of Geography, Vidya-Bhavna, Visva-Bharati, Santiniketan, West Bengal, in collaboration with Indian National Cartographic Association (INCA), INDIA, 9-11 November, 2016.
- [41] Presented a paper entitled, “Water Scarcity in Darjeeling Town: A Threatened Social Resources” during the three days 6th NAGI International Conference on ‘Changing Dimension of Water Resource: A Challenge Before Mankind’, organized by Department of Geography & department of Environmental Studies, Nalanda Open University, Patna, Bihar, in collaboration with National Association of Geographers, India (NAGI), INDIA, 18-20 November, 2016.
- [42] Participated during the Workshop on “Vulnerability Assessment in Darjeeling Hills”, organized by WWF, Kangchendzonga Landscape Programme, Darjeeling on 12 December 2016.
- [43] Presented a paper entitled, “Lepcha Development Board in Darjeeling Hills for Inclusive Development & Sustainable Well-being: A Critical Analysis” in the UGC Sponsored two days International Conference, 9th ECONference-2016 on ‘Inclusive Development and Sustainable Wellbeing’ organized by Department of Economics, University of Burdwan, West Bengal, INDIA, 20-21 December, 2016.
- [44] Presented a paper entitled, “Eco-Tourism in Darjeeling Hills: An Effective Approach for Sustainable Development” during one day International Research Conference, on Business Process Re-engineering for Sustainability and Climate Change: Issues & Perspectives, organized by International Association of Research & Development Organization (IARDO), at JNU Convention Center, Jawaharlal Nehru University, New Delhi, INDIA, 26 February, 2017.
- [45] Presented a paper entitled, “The Tibetan Diaspora in India and their Emerging Issues for Sustainable Livelihood and Development” during two days International Conference, on Migration and Diasporas: Emerging Diversities and Development Challenges, organized by School of Interdisciplinary and Transdisciplinary Studies, Indira Gandhi National Open University, held at IGNOU Convention Center, New Delhi, INDIA, 22-23 March 2017.
- [46] Presented a paper entitled, “Changing Nature of Biodiversity in Darjeeling Himalaya of West Bengal using GIS & Remote Sensing Technology” during one day International Multidisciplinary Conference, on Recent & Innovative Trends in Science, Commerce, Literature, Social Sciences, Economics, Management & Information Technology, organized by Com. Godavari Shamrao Parvlekar College of Arts, Commerce & Science, (Affiliated to Mumbai University) Mumbai, 24 March 2017.
- [47] Presented a paper entitled, “Changing Nature of Agro-Biodiversity in Darjeeling Himalaya” during two days International Seminar sponsored by Higher Education Department, Government of West Bengal, on Concepts on Conservation and Propagation of Indigenous Life forms in Eastern Himalayan Region, organized by PG Department of Zoology, Darjeeling Government College, Darjeeling, West Bengal, India, 12-13 May 2017.
- [48] Presented a paper entitled, “A Geographical Analysis of Development & Promotion of Darjeeling Tea Industry in West Bengal” in the UGC sponsored two days National Seminar on Socio- economic impact of Cottage and Small-Scale Industries in West Bengal with special reference to South 24 Parganas District, organized by the Department of Geography, Raidighi College, South 24 Parganas, West Bengal, 11-12 Sept, 2015.
- [49] Presented a paper entitled, “Indigenous Tribes of Darjeeling Hills: A Study on Cultural, Social and Political Issues of Lepcha Tribes” in the ICSSR, New Delhi, sponsored two days National Seminar on “Tribal Resistance Movements in India” (With special reference to Central India), organized by the Department of History, Indra Gandhi National Tribal University (A Central University Established by the Act of Parliament), Amarkantak, Madhya Pradesh, 22-23rd Sept, 2015. (*Invited Speaker*)

- [50] Presented a paper entitled, “Problems & Prospects of Water Scarcity in Darjeeling Municipal Town: A Critical Analysis” in the UGC sponsored National Seminar on Water: A Threatened Social Resource of the Century, organized by the Department of Geography, Women’s Christian College, Kolkata, West Bengal, on 9th Oct, 2015.
- [51] Presented a paper entitled, “Development of Tourism and Depletion of Resources in Darjeeling Himalaya: A Critical Review on Environmental Perspective”, during the ICSSR sponsored National Interdisciplinary Seminar on Regional Disparities, Development & Challenges in India: Prioritization, Participation and Prospects, Organized by Department of Political Science, Sikkim Government College, Burtuk, Gangtok, Sikkim, November 2-4, 2015. (*Plenary Speaker*).
- [52] One of the Invited Speaker in a Panel Discussion on 5th Nov, 2015, during the ICSSR sponsored National Interdisciplinary Seminar on Regional Disparities, Development & Challenges in India: Prioritization, Participation and Prospects, Organized by Department of Political Science, Sikkim Government College, Burtuk, Gangtok, Sikkim, November 2-4, 2015.
- [53] Chaired the Technical Session – II on 6th Nov, 2015, during the National Interdisciplinary Seminar on Changing Trends of Tourism & Its Impact on Livelihood, Organized by Department of Tourism, Sikkim Government College, Tadong, Gangtok, Sikkim, November 6th, 2015.
- [54] Acted as a Rapporteur during the UGC Sponsored National Seminar on Man-Environment Interrelations: Issues, Challenges & Remedies, Organized by Department of Geography, Bankura Christian College, West Bengal, December 2-3, 2015.
- [55] Presented a paper entitled, “Rural Tourism in the Darjeeling Hills: An Effective Approach for Sustainable Rural Livelihood & Regional Development”, during the National Interdisciplinary Seminar on Changing Trends of Tourism & Its Impact on Livelihood, Organized by Department of Tourism, Sikkim Government College, Tadong, Gangtok, Sikkim, November 6th, 2015. (*Plenary Speaker*).
- [56] Presented a paper entitled, “Human Induced Environmental Thrust in Darjeeling Himalaya: Issues & Challenges”, during the UGC Sponsored National Seminar on Man-Environment Interrelations: Issues, Challenges & Remedies, Organized by Department of Geography, Bankura Christian College, West Bengal, December 2-3, 2015.
- [57] Presented a paper entitled, “Sustainable Livelihoods for the Rural Poor through Self-Help Groups in Darjeeling Hills: Patterns & Constraints”, during the ICSSR Sponsored Interdisciplinary National Seminar on Rural Development & Challenges in India: Avenues, Awareness & Assessment, Organized by Department of Geography, Cluny Women’s College, Kalimpong, West Bengal, March 21-22, 2016. (*Invited Speaker*)
- [58] Presented a paper entitled, “Regional Disparities in the level of Development in West Bengal: A District Level Analysis”, during the ICSSR Sponsored Interdisciplinary National Seminar on Addressing Rural Disparities and Development through Panchayati Raj Institutions in India: Achievements, Assessment & Accountability, Organized by Department of Geography, Sophia Girls’ College (Autonomous), Ajmer, Rajasthan, March 28-29, 2016.
- [59] Presented a paper entitled, “Population, Development & Environment: A Case Study”, during the 1st Regional Science & Technology Congress, 2016, Jalpaiguri Division, organized by Ananda Chandra College, Jalpaiguri, dated 7-8th November, 2016, Sponsored & supported by Department of Science & Technology, Government of West Bengal.
- [60] Presented a paper on ‘Tourism in Darjeeling: Issues & Concerns’, on 25/12/2016 as an Invited Resource Person for the Winter School on “The Relevance of Studying Humanities and the Social Sciences in the Himalayan Region” organized by Presidency University from 17/11/2016 to 1/12/2016, and
- [61] Presented a paper on ‘Tourism Development in Darjeeling Himalaya: Issues and Concerns’, during International Day for Biological Diversity (IDB) 2017, on the theme Biodiversity and Sustainable Tourism, organized by Ashoka Trust for Research in ecology and Environment (ATREE) in collaboration with Department of Tourism, Gorkhaland Territorial Administration, Darjeeling on 22 May 2017. (*Invited Speaker*)
- [62] Act as one of the Panelist during International Day for Biological Diversity (IDB) 2017, on the theme Biodiversity and Sustainable Tourism, organized by Ashoka Trust for Research in ecology and Environment (ATREE) in collaboration with Department of Tourism, Gorkhaland Territorial Administration, Darjeeling on 22 May 2017.

- [63] Presented a paper entitled, “Understanding of Gender Equity in Education in West Bengal” during two days National Multidisciplinary Seminar on Equity and Human Rights, sponsored by Rashtriya Uchchatar Shiksha Higher Education Department, Government of Sikkim, organized by Government College, Rhenock, Sikkim, India, 25-26 May 2017.
- [64] Chaired the Technical Session, IV (on the theme: Educational Finance in India: Issues & Challenges, Education, Health & Gender Equity & Mobility & Space: Gender Dimension of Migration) on 26th May, 2017 during two days National Multidisciplinary Seminar on Equity and Human Rights, sponsored by Rashtriya Uchchatar Shiksha Higher Education Department, Government of Sikkim, organized by Government College, Rhenock, Sikkim, India, 25-26 May 2017.
- [65] Invited as one of the Panelist during the 5th “Tenzing Norgay memorial lecture on Himalayan issues”, organized by St. Paul’s School, Darjeeling on 29 May 2017.
- [66] Presented a paper entitled, “Urbanization & its effect on Society with special reference to Environment” during two days International Seminar on Education and Society: Problems, Prospects & New Trends, organized by Vidyasagar College of College, Phansidewa, Siliguri, Dist Darjeeling, West Bengal, India, 17-18 Nov 2017. (*Invited Speaker*)
- [67] Chaired the Technical Session 2, on 17th Nov 2017, during two days International Seminar on Education and Society: Problems, Prospects & New Trends, organized by Vidyasagar College of College, Phansidewa, Siliguri, Dist. Darjeeling, West Bengal, India, 17-18 Nov 2017.
- [68] Participated on Workshop on “Green & Clean Environment”, organized by Department of Botany, Zoology, Microbiology & Geography, Darjeeling Government College on 5 June 2018.
- [69] Presented a paper entitled, “Understanding the Rainwater harvesting in Darjeeling Town: An Initiative to mitigate water crisis”, during three days International Conference on Global Water crisis: Agriculture and Food security in the Era of Climate Change, organised by Department of geography, Aligarh Muslim University, Aligarh, India, on 1-3 December 2018.
- [70] Acted as a Rapporteur in Technical Session (on the theme: Design of data Collection & Analysis of Water System, Land Use & Climate Change), during three days International Conference on Global Water crisis: Agriculture and Food security in the Era of Climate Change, organised by Department of geography, Aligarh Muslim University, Aligarh, India, 1-3 December 2018.
- [71] Presented a paper entitled, “Urban Sprawl and Emerging Challenges on Mountain Environment”, during three days International Interdisciplinary Conference on Environment, peace & Morality: East & West, organised by Surya Sen Mahavidyalaya, in collaboration with Institute of Cross Cultural Studies and Academic Exchange, USA, held at Siliguri, West Bengal, on 11-13 January 2019.
- [72] Delivered a Lecture on, “Assessment of Landslides in Darjeeling”, during one day National Level Academic Exchange programme in Geography, jointly organized by P.G. department of Geography, Government College of Arts, Science & Commerce, Khandola, Goa and Department of geography, Darjeeling Government College West Bengal, India, 12 February 2019.
- [73] Presented a paper entitled, “Empowering Women through Sustainable Livelihoods” during one day National Seminar on Women Empowerment, Livelihood, Education, Rights and Sustainability, organized by Department of Political Science & Department of Geography, Gyan Jyoti College, Siliguri, West Bengal, 3 May 2019.
- [74] Participated in the 2nd Workshop on “Research Methodology using SPSS”, organized by Inspiria Knowledge Centre, Siliguri from 27-28 June 2019.
- [75] Participated in the one day workshop on “Revised Assessment and Accreditation Framework of NAAC”, organized by IQAC & NAAC, Kalimpong College, Kalimpong on 29 August 2019.
- [76] Delivered a key note speaker on the topic, “Environmental Stress in Darjeeling Himalaya: Issues and Challenges” during Seventh Annual Tenzing Norgay Memorial Lectures on Himalayan Issues”, organized by St Paul’s School, Darjeeling, West Bengal on 26th August 2019. (*Resource Person*)
- [77] Presented a paper entitled, “Traffic Congestion in Darjeeling Town: Issues and Concerns” during 4th Regional Science & Technology Congress, 2019, Northern Region, and selected outstanding paper, organized by Alipurduar College in collaboration with Department of science and technology & Biotechnology, Government of West Bengal, Alipurduar, 18-19 December 2019.
- [78] Presented a paper entitled, “Tribal Development Board for Identity and Culture with special reference to Lepcha Tribes”, during ICSSR sponsored two days Interdisciplinary International Seminar on Heritage, Culture & Identity: Re-Negotiating Spaces of Memory in a Time of Rapid Urbanisation,

organized by Sarat Centenary College, Kolkata, West Bengal, India on 20-21 January 2020.

- [79] Chaired the Technical Session - 5C on 21st Jan 2020, during ICSSR sponsored two days Interdisciplinary International Seminar on Heritage, Culture & Identity: Re-Negotiating Spaces of Memory in a Time of Rapid Urbanisation, organized by Sarat Centenary College, Kolkata, West Bengal, India, 20-21 January 2020.
- [80] Presented a paper entitled, "Resource Conservation and Implementation of Responsible Tourism: A Case Study in the Eastern Himalaya" during two days International Conference on Planning Sustainable Regions: The Social-Economic-Ecological Triad organized by Amity Institute of Environmental sciences & Amity Institute of Social Science, Amity University, Kolkata, West Bengal on 13-14 February 2020.
- [81] Chaired the Technical Session - 3, on 19th Nov 2020, during one day National Seminar on Eastern Himalayas and its Ecological Trends, organized by Institute of Social and Cultural Studies, Kolkata, West Bengal, India, 19 Feb 2020.
- [82] Presented a paper entitled, "Challenges to Combat Human Trafficking in Indian Borderland" during two days ICSSR sponsored International Seminar on Combating Child Trafficking: Vulnerability, Efforts and Challenges, organized by Department of Geography, Maynaguri College in collaboration with University of North Bengal, West Bengal on 27-28 January 2020.
- [83] Delivered a key note speaker on the topic, "Empowering Development & Sustainability in the Era of Globalisation: A performative Perspective on Tourism in Sikkim" during ICSSR sponsored two days National Conference on Experience of Development in India: Social Science perspective, organized by Department of Geography, Government Arts College, Sikar & Savitri Bai Phule Mahila Mahavidyalaya, Sikar, Rajasthan on 7-9 Feb, 2020. (*Resource Person*)
- [84] Participated in the webinar on "Weather and Climate", organized by Department of Physics, MES College, Nedumkandam, on 17th May 2020.
- [85] Participated seven days online workshop on "Dynamics of Research in Social Sciences", organized by Students of Holistic Development in Humanities & Himachal Pradesh Technical University, from 15-21st May 2020.
- [86] Participated in the webinar on "Road Map of Future Geographers", organized by Department of Geography, School of Basic and Applied Science, Adamas University, WB, on 18th May 2020.
- [87] Participated in the National webinar on "Future Cities, Sustainable Development & Geospatial Technologies", organized by Department of Studies and Research in Geography, Rani Channamma University, Karnataka, on 24th May 2020.
- [88] Participated in two days International Webinar on "Current Environmental Global Scenario: Issues and Challenges", organized by Department of Geography, Raja Harpal Singh Mahavidyalaya and Shree Baldev P.G. College, UP, on 30-31st May 2020.
- [89] Participated on workshop on "The Article Publishing Process: An Elsevier Author Workshop", organized by Researcher Academy on Campus, on 1st June 2020.
- [90] Participated in Webinar on "Geo-Hazard: A Prerequisite to Geo-Conservation", organized by Department of Geography, St. John's College, Agra, on 2nd June 2020.
- [91] Participated in National Webinar on "Environment, Development and Quality of Life", organized by IGNOU, Regional Centre, Lucknow, on, 4th June 2020.
- [92] Participated in webinar on "Care to Biodiversity", organized by ENVIS Resource Partner on Environmental Biotechnology and Department of Geography, University of Kalyani, WB, on 5th June 2020.
- [93] Participated in the International webinar on "Issues and Challenges of COVID-19: with reference to Regional Development Planning Strategies", organized by Department of Geography, M.D.P.G. College, Pratapgarh, U.P, on 7-8th June 2020.
- [94] Presented a paper as a panelist entitled "Impact Assessment of COVID-19 on Tourism: National, State & Local Level Studies' during the International webinar on Impact Assessment of COVID-19 on Global Tourism, organized by Government Lohia College, Churu, Rajasthan, India, 10th June 2020. (*Panelist Speaker*).
- [95] Participated in two days International e-Conference on "Revisiting Strategies for Sustainable Development", organized by Banwarilal Bhalotia College, Asansol, on 13-14th June 2020.

- [96] Participated in one day online Workshop on “Data Analysis through SPSS for Effective Research Productivity”, organized by Guru Nanak Dev University, Amritsar, on 18th June 2020.
- [97] Participated on National webinar on “Role of Remote Sensing Technology in geography Research and Disaster Studies”, organized by Department of Geography & IQAC, Urban College of Arts and Commerce, Maharashtra, on 19th June 2020.
- [98] Participated on webinar on “Application on GIS-RS Based Techniques and Research Horizon in Geographical Studies”, organized by Department of Geography, School of Basic and Applied Science, Adamas University, on 20th June 2020.
- [99] Participated in International webinar on "Challenges of Climate Change and Sustainable Development Goals", organized by Department of Geography, School of Basic and Applied Science, Adamas University, on 29th June 2020.
- [100] Participated on National webinar on “Water Resource Management”, organized by Department of Geography & IQAC, Rajashri Chhatrapati Shahu College, Maharashtra, on 3rd July 2020.
- [101] Participated in International webinar on "Opportunities and Challenges of Tourism: Post COVID Era", organized by Department of Tourism, Mar Ivanios College, Kerala, on 11th July 2020.
- [102] Participated in the three days online National Workshop on "Career Options in Khadi & Villages Industries", organized by Netaji Subhash Chandra Bose Govt. Girls College, Aligarh, Lucknow from 11 – 13 July, 2020.
- [103] Participated in national Webinar on “Applications of Remote Sensing and GIS” and “Man and Environment Interrelationships: Case Studies based on Sites and Associations”, organized by Department of Geography, K.L.E. Societies’ S.K. Arts College, on 15th July 2020.
- [104] Participated in online round table Conference on “Geographical Perspectives of Water Resources”, jointly organized by Russian Geographical Society and National Association of Geographers, on 16th July 2020.
- [105] Participated in International Webinar on “Future Trends & Career Opportunities in Remote Sensing & GIS”, jointly organized by GEO Stars and Scanpoint Geomatics Ltd. On 27th July 2020.
- [106] Participated in Expert Consultation webinar on “Role of Women in Environmental Sustainability”, organized by NIOH-ENVIS Resource Partner, Ahmedabad, on 28th July 2020.
- [107] Participated in Two Days’ National Workshop on “Ecological Footprints”, organized by Department of Geography, Dr. B.R. Ambedkar Government College, Rajasthan, on 19-20th August 2020.
- [108] Participated in the National webinar on “Assessment and Accreditation Process of NAAC”, organized by Internal Quality Assurance Cell, Anand Pharmacy College in collaboration with National Assessment and Accreditation Council, on 27th Oct 2020.
- [109] Participated in the National webinar on “UGC Carrer Advancement Scheme for Faculty”, organized by Academic Research Committee, Mahatma Gandhi Vidyamandir’s Arts, Science and Commerce college, Harsul, Maharashtra, on 27th Oct 2020.
- [110] Participated in the International Webinar on “National Education Policy 2020: Challenges and Opportunities”, jointly organized by Vidyasagar College of Education and Yashoda Educational Society, Ranidhanga, Darjeeling, West Bengal on 22nd January 2021.
- [111] Participated in two days Virtual Workshop on “Digital Evaluation: Methods and processes”, organized by St. Joseph’s College, Darjeeling on 28 February, 2021.
- [112] Participated in online Workshop on “Basics of Remote Sensing & Geographical Information System (GIS)”, organized by GEORATION, A Group of Geospatial Research & Analysis in collaboration with the Department of Geography, Gargaon College, Sivasagar, Assam on 23-24 July, 2021.
- [113] Delivered a key note speaker on the topic, “A Wounded Queen of Hills: A Study on Ecological Catastrophe” during International Seminar on Eastern Himalaya-Exploring Multi and Interdisciplinary Research Approaches, organized by Department of Geography & IQAC, St Joseph’s College, Darjeeling on 11-12 April, 2022.
- [114] Chaired the Technical Session - 2, on 11th April 2022 during International Seminar on Eastern Himalaya-Exploring Multi and Interdisciplinary Research Approaches organized by Department of Geography & IQAC, St Joseph’s College, Darjeeling, West Bengal, 11-12 April, 2022.
- [115] Presented a paper entitled, “Education System in Darjeeling Hills: Issues and Challenges” during two

days International Conference on Multidisciplinary Research, organized by Tamil Nadu Teachers Education University and Organization of Multidisciplinary Research in collaboration with Shree Ramakrishna BT College, Darjeeling, West Bengal on 29-30 May 2024.

- [116] Participated in one day International Webinar on “How to prepare Ph.D Synopsis in Indian and Abroad University in Era of NEP 2020”, organized by Department of Library & IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Mumbai on 1st May 2024.
- [117] Participated in the One Day Knowledge Exchange Workshop (KEW) on "Come and Walk along the Rivers: Rethinking Local and Indigenous Knowledge Systems of Char Dwellers in the Bengal Delta", jointly organized by Department of Geography & Applied Geography, University of North Bengal & Department of Geography, The University of Manchester, UK, on 9th April, 2025.
- [118] Presented a paper entitled, “Prospect of Rural Revitalization through Tea-Tourism in Darjeeling Himalaya” during two days Interdisciplinary National Conference on Integrated Development and Planning: Approaches, Initiatives & Challenges, organized by Social Science Research & Academic Network in collaboration with Rajasthan Swayat Shasan Mahavidyalaya, Jaipur, Rajasthan on 24-25 May 2025.
- [119] Delivered as an invited speaker on the topic, “Dilemma of Sustaining Environment in Darjeeling Himalaya: Issues & Challenges” during One Day State Level Sustainable Approach to Climate Change and Environmental Issues in Darjeeling Himalaya, organized by Department of Geography, in collaboration with IQAC, Mirik College, Mirik, West Bengal on 7th May, 2025. (Resource Person)
- [120] Presented a paper entitled, “Contemporary Issues of School Education System in Darjeeling Hills” during one day International Seminar on Contemporary Issues; Challenges and a way forward in collaboration with IQAC and Research Development Cell, Southfield College Darjeeling, West Bengal, 28 May, 2025.
- [121] Chaired the Technical Session, II (on the theme: People and Disaster) during one day International Seminar on Contemporary Issues; Challenges and a way forward in collaboration with IQAC and Research Development Cell, Southfield College Darjeeling, West Bengal, 28 May, 2025.

Details regarding participation in FIP/OP/RC/Training:

- (1) Participated in Orientation Programme, U.G.C. Academic Staff College, Jawaharlal Nehru University, Delhi from 5th Jan-30th Jan, 2009.
- (2) Participated in two weeks Training Programme on “Remote Sensing & GIS for Natural Resources Management”, sponsored by Indian Space Research Organization (ISRO), organized by Sikkim Manipal Institute of Technology, Majitar, Sikkim from 21 Nov.- 03rd Dec, 2011.
- (3) Participated in three weeks Refresher Course in Environmental Studies & Geography, U.G.C., Academic Staff College, Gauhati University, Assam from 23rd Jan-12th Feb, 2012.
- (4) Participated in three weeks Training Programme on “Geomatics” sponsored by NRDMS, DST, Govt. of India, organized by Department of Geography, Burdwan University, West Bengal from 15 May – 4 June, 2012.
- (5) Participated in two weeks Short Term Course on “Remote Sensing & GIS” organized by Department of Science & Technology, West Bengal State Council of Science & Technology, Government of West Bengal, West Bengal, from 9th May – 20th May, 2016.
- (6) Participated in one week Short Term Course on “Remote Sensing & GIS” organized by Department of Science & Technology, West Bengal State Council of Science & Technology, Government of West Bengal, Kolkata, West Bengal, from 9 – 20 May, 2016.
- (7) Participated in the four weeks 1st Refresher Course in Research Methodology (Interdisciplinary Course), U.G.C., Human Resource Development Centre (HRDC), Jawaharlal Nehru University, Delhi from 12th Feb-10th March, 2017.
- (8) Participated in one-week Short Term Course on “Advanced Geoinformatics” organized by Department of Higher Education, Science & Technology & Biotechnology, Government of West Bengal, West Bengal, from 11th Sept – 15th Sept, 2017.
- (9) Participated in the Short-Term Course on “Research Methodology”, U.G.C., Human Resource Development Centre (HRDC), University of North Bengal, Siliguri from 24-30 August, 2018.
- (10) Participated and qualified during the 17 days online certificate course on “Research Methodology for

Ph.D Guides”, and secured 71% marks, organized by Laxmi Book Publication, Solapur from 2-17 March 2019.

- (11) Participated & Qualified in the online Refresher Course in “Earth Science and Allied”, organized by Annual Refresher Programme in Teaching (ARPIT), SWAYAM, Ministry of Human Resource Development, Government of India on 3 April 2019.
- (12) Participated and Qualified in SWAYAM MOOC on “Sustainable Management of Biodiversity”, in the proctored examination held on 23rd May 2019 offered by IGNOU, New Delhi.
- (13) Participated in Short Term Course on “Advanced Course on Image Processing and Machine Learning”, organized by Department of Science & Technology & Biotechnology, Government of West Bengal, Kolkata, West Bengal, from 23 – 27 September, 2019.
- (14) Participated in the two weeks Refresher Course in “Women’s Studies (Inter-disciplinary)”, U.G.C., Human Resource Development Centre (HRDC), University of North Bengal, Siliguri from 2-15 January, 2020.
- (15) Participated in online Training Programme on “Research Profile Maintenance”, organized by Rudhaa educational Academia for Research, Coimbatore, India on 30th April 2020.
- (16) Participated in the one day online National Faculty Development programme on “Web Skills for online Classes”, organized by Department of Commerce, Bishop Moore College, Mavelikara on 30 May 2020.
- (17) Participated in 5 days Online National FDP on “Artificial Intelligence” organized by Department of Information Technology, Anil Neerukonda Institute of Technology & Sciences in collaboration with Brain O Vision & National Youth Council of India from 22 - 26 May 2020.
- (18) Participated in three days National Online Faculty Development Program (FDP) & Management Development Program (MDP) on “Research Methodology: Tools & Techniques”, organized by Inspira Research Association & LBS PG College, Jaipur on 29-31 May, 2020.
- (19) Participated in two weeks Faculty Development Programme on “Managing Online Classes and Co-creating MOOCs: 2.0”, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, and sponsored by MHRD, Govt. of India from 18 May – 3 June 2020, through digital platform.
- (20) Participated in two weeks online Faculty Development Programme on “Empowerment Through Digital Technology and E-Learning”, organised by Shreemati Nathibai Damodar Thackersey (SNDT) Women's University, Mumbai, during 1 -12 June, 2020.
- (21) Participated in one week online Faculty Development Program on “Use of ICT in Teaching Learning (Regional Language)”, organised by Internal Quality Assurance Cell (IQAC), Dr. Ghali College, Gadhinglaj from 1 - 6 June, 2020.
- (22) Participated in MOOC on “Cartography”, organized by ESRI for 6 weeks and completed on 28th May 2020.
- (23) Participated in online course on “Satellite Photogrammetry and its Application”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 29th June– 3rd July 2020.
- (24) Participated in online certificate course on “Geological Map”, organized by QGEO & Department of Geography, Azad Fouz Smriti Mahavidyalaya, Kolkata from 21 June to 5 July 2020.
- (25) Participated in online course on “Application of Geoinformatics in Ecological Studies”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 13th – 24th July 2020.
- (26) Participated in one week online “QGIS Training Programme International Level for the Development of GIS Platform”, organized by Geotech GIS Training Institute, Aurangabad, Maharashtra from 12 – 18 August 2020.
- (27) Participated in 21 days online “GIS Training Programme using QGIS”, conducted by Department of Geography, School of Earth Science, Central University of Karnataka, from 13th July – 2nd August 2020.
- (28) Participated in two weeks Faculty Development Programme on “Empowerment through Digital Technology and E-Learning”, organized by SNDT Women’s University, Mumbai, from 1-12th June 2020.
- (29) Participated in online Short Term Faculty Development Programme on “Earth and Environment Response during Covid-19 (Geography)”, of seven days (35 contact hours duration) organised by Department of Environmental Science, Savitribai Phule Pune University, Pune from 11-17 July 2020.

- (30) Participated in 21 days online “GIS Training Program using QGIS”, organised by the Department of Geography, School of Earth Sciences, Central University of Karnataka, India, jointly with State Institute of Urban Development, Karnataka, India from 13 July - 2 August 2020.
- (31) Participated in online course on “Remote Sensing and Digital Image Analysis”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 17th August – 11th Sept 2020.
- (32) Participated in online course on “Geographical Information System”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 28th Sept – 15th Oct 2020.
- (33) Participated in online Short Term Course on “Advanced Geoinformatics: Machine Learning in Geoinformatics, organized by Department of Science & Technology & Biotechnology, Geoinformatics and Remote Sensing Cell, Government of West Bengal, Kolkata, West Bengal, from 20 – 24 September, 2021.
- (34) Participated and Qualified in SWAYAM on “Biogeography”, in the proctored examination held on February 2022 offered by Dr P T Bharathi of University of Mysore, Mysuru.
- (35) Participated in online Interdisciplinary Refresher Course (IDRC) on “Academic Writing and Research”, organized by Teaching Learning Centre (TLC), Tezpur University, Assam, India from 16 – 30 May, 2022.
- (36) Participated in 21 Days Summer School on “Geospatial Technologies Level 2 (Mountain Disaster Management - Landslides)” sponsored by NRDMS, Department of Science and Technology (DST), Govt. of India, organized by Chitkara University, Solan, Himachal Pradesh, India from 2 – 22 June, 2022.
- (37) Participated in UGC sponsored Refresher Course in Geography (Online) on organized by HRDC, Jawaharlal Nehru University University, Delhi, India from 11 – 23 July, 2022.
- (38) Participated in one weeks FDP-SPSS 2023 on “International Advanced Faculty Development Program on Quantitative Research Design and Application of SPSS Software" Organized by Eudoxia Research Centre and Eudoxia Research University – USA, from 30th June to 7th July 2023.
- (39) Participated in online Faculty Development Programme on “NEP Orientation and Sensitization Programme”, organized by Centre for Professional Development in Higher Education, Malaviya Mission Teacher Training Centre (UGC-MMTTC), in collaboration with Kirori Mal College, Delhi University, from 7-16th May 2024.
- (40) Participated in online course on “Forest Carbon & Water Cycle Monitoring and Modelling”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 13th May – 17th May 2024.
- (41) Participated in online course on “Geospatial Technology for Modelling of Urban Environment”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 27th May – 31st May 2024.
- (42) Participated in Value Added Course (VAC) on “Environmental Crisis in India: An Attention Appeal by Sentient Geographers”, organized by Department of Geography, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, UP, from 29th May-5th June 2024.
- (43) Participated in IIRS Outreach Programme on “Geospatial Technology for modelling of Urban Environment”, organized by Indian Institute of Remote Sensing, ISRO, Dehradun, from 27-31st May 2024.
- (44) Participated in one-day online workshop on “Utilities of Sun-Induced Chlorophyll Fluorescence in Vegetation Studies”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun conducted on 18th July 2024.
- (45) Participated in one-day online workshop on “Potential of NISAR for Disaster Mitigation and Management”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun conducted on 24th July 2024.
- (46) Participated in online course on “Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 27th Aug – 22nd Nov 2024.
- (47) Participated in online course on “LIDAR Data Processing and Applications”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 5th Aug – 16th Aug 2024.
- (48) Participated in online course on “AI/ML for Geodata Analysis”, conducted by Indian Institute of

Remote Sensing (IIRS), ISRO, Dehradun during 19th Aug – 23rd Aug 2024.

- (49) Participated in online course on “Overview of Geographical Information System”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 14th Oct – 1st Nov 2024.
- (50) Participated in online course on “Overview of Geocomputation and Geo-web Services”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 4th Nov – 8nd Nov 2024.
- (51) Participated in online course on “RS and GIS Application in Natural Resource Management”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 11th Nov – 22nd Nov 2024.
- (52) Participated in online course on “Understanding Cryospheric Hazards”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 6th Sept 2024.
- (53) Participated in one-day online workshop on “Space Based Input for Village level Crop Assessment”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun conducted on 28th Oct 2024.
- (54) Participated in Massive open online course (MOOC) on “Earth Observation for Climate Action”, jointly conducted by Indian Space Research Organization (ISRO), Centre for Space and Technology Education in Asia and the Pacific (CSSTEAP), & United Nations Office for Outer Space Affairs (UNOOSA) during 10th Feb to 28th Feb 2025.
- (55) Participated in online course on “Remote Sensing of Soils: Mapping, Classification and Evaluation for Agricultural Land Use Planning”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 3rd March – 7th March 2025.
- (56) Participated in online course on “Space Technology for Disaster Risk Reduction”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 24th March to 29th March 2025.
- (57) Participated in one-day online workshop on “Application on AI/ML Model for Specific Crop Acreage Mapping”, conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun conducted on 2th April 2025.
- (58) Participated in online Training on “The Method of Space Science Research”, conducted by Indian Space Research Organisation, ISRO, Dehradun during 5th May – 9th May 2025.
- (59) Participated in online course on “Recent Trends in Ecological Modelling & Simulation”, conducted by Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation, ISRO, Dehradun during 19th May – 23th May 2025.
- (60) Participated and Qualified in SWAYAM online course of 4 credit on “Water Resources and Watershed Management”, in the proctored examination held on May 2025 offered by Dr. Harish Gupta of Osmania University.
- (61) Participated in online training on “Archival and Access of Space Science Data”, conducted by Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation, ISRO, Dehradun during 9th June – 13th June 2025.
- (62) Participated in online course on “Remote Sensing Data Analytics in Crop Production Forecasting”, conducted by Indian Institute of Remote Sensing (IIRS), Dehradun during 16th June – 20th June 2025.

Members of Academic Organizations/Conference/Seminar/Workshop (National & International):

- [1] Act as a *Convener* in the ICSSR sponsored two days International Conference on Human Trafficking: Global Efforts to Combat & Challenges, organized by Department of Geography, Darjeeling Govt. College, Darjeeling, West Bengal, 26-27 November, 2012.
- [2] Acted as *Co-organizing Secretary* in the ICSSR sponsored International Conference on Human Resource Mobility: Implications, Exploitation and Remedies, organised by Department of Geography, Sikkim Government College, Sikkim, 18-19 October, 2013.
- [3] Acted as *Co-organizing Secretary* in the National Seminar on Integrated Regional Planning and Human Resource Development in India, organised by Parishkar College of Global Excellence, Jaipur, Rajasthan on 10-11th Feb, 2014.
- [4] Acted as *Co-organizing Secretary* in the ICSSR sponsored National Interdisciplinary Seminar on Rural Empowerment in India: Efforts, Achievement and Constraints, organised by the Department of

Geography, Rhenok Government College, Sikkim, 3-4 December, 2014.

- [5] Acted as *Co-organizing Secretary* in International Conference on International Borders in South Asia: Inter-linkages, Conflicts and Challenges of management, organized by Parishkar College of Global Excellence, Jaipur, Rajasthan and Parvatibai Chowgule College of Arts & Science, Margao, Goa, India, 12-13 Dec, 2014.
- [6] Acted as *Co-organizing Secretary* in the ICSSR sponsored Interdisciplinary National Seminar on Migration & Regional Development in India: Issues & Challenges, organized by Department of Geography, Nagaland University, Lumami, India, 12-13 March, 2015.
- [7] Acted as *Co-organizing Secretary* during the two days Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27-28 August, 2015.
- [8] Acted as *Co-convener* in the ICSSR Sponsored Interdisciplinary National Seminar on Rural Development & Challenges in India: Avenues, Awareness & Assessment, Organized by Department of Geography, Cluny Women's College, Kalimpong, West Bengal, March 21-22, 2016.
- [9] Acted as *Organizing Secretary* (Hospitality) during the Higher Education Department, Government of West Bengal sponsored International Seminar on Concepts on Conservation and Propagation of Indigenous Life forms in Eastern Himalayan Region, organized by PG Department of Zoology, Darjeeling Government College, Darjeeling, West Bengal, India, 12-13 May 2017.
- [10] Acted as *Co-organizing Secretary in the ICSSR sponsored* three days National Conference on Experience of Development in India: Social Science perspective, organized by Department of Geography, Government Arts College, Sikar & Savitri Bai Phule Mahila Mahavidyalaya, Sikar, Rajasthan on 7-9 Feb, 2020.
- [11] One of the *Member of the Executive Committee* during the two days Interdisciplinary National Seminar on "Quality and Innovations in Higher Education in India: Need, Efforts and Challenges", organized by Visva Bharati B.Ed. College, Sikar, Rajasthan, India 10-11 September, 2016.
- [12] Coordinator of the *Working Committee* on Pre-Conference Publication during the two days ICSSR Sponsored Interdisciplinary National Seminar on Rural Development & Challenges in India: Avenues, Awareness & Assessment, Organized by Department of Geography, Cluny Women's College, Kalimpong, West Bengal, March 21-22, 2016.
- [13] One of the *Member of Abstracts Receiving & Reviewing & Correspondence with Participants Committee* during the two days ICSSR Sponsored Interdisciplinary National Seminar on Rural Development & Challenges in India: Avenues, Awareness & Assessment, Organized by Department of Geography, Cluny Women's College, Kalimpong, West Bengal, March 21-22, 2016.
- [14] One of the *Member of the Working Committee* on Technical Session during the two days ICSSR Sponsored Interdisciplinary National Seminar on Rural Development & Challenges in India: Avenues, Awareness & Assessment, Organized by Department of Geography, Cluny Women's College, Kalimpong, West Bengal, March 21-22, 2016.
- [15] One of the *Member of the Executive Committee* during the three days Interdisciplinary International Conference on "Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC", organized by Department of Geography & Research Center, Parvatibai Chowgule College of Arts & Science, Margao, Goa, India 21-23 January, 2016.
- [16] One of the *Member of the Executive Committee* during three days Interdisciplinary National Seminar on Regional Disparities, Development and Challenges in India: Prioritization, Participation and Prospects, organized by Department of Political Science Sikkim Govt. College, Burtuk, Gangtok, Sikkim, 2-4 November, 2015.
- [17] One of the *Member of Correspondence with Participants Committee* during the two days Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27-28 August, 2015.
- [18] One of the *Member of Abstracts Receiving & Review Committee* during the two days Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27-28 August, 2015.
- [19] One of the *Member of Technical Session Committee* during the two days Interdisciplinary National Seminar on Rural Empowerment in India: Efforts, Implementation & Challenges, organized by Department of Geography, Government P.G. College, Baran, Rajasthan, India, 27- 28 August, 2015.
- [20] One of the *Member of the Executive Committee* in Interdisciplinary National Seminar on Human

Responses to Environmental Changes in India: Management & Challenges, organized by Department of Geography, Parishkar College of Global Excellence, Jaipur, Rajasthan, 23-24 January, 2015.

- [21] One of the *Member of the Review & Technical Session Committee* during the two days International Conference on International Borders in South Asia: Inter-linkages, Conflicts & Challenges of Management, organized by Parishkar College of Global Excellence, Jaipur, Rajasthan and Parvatibai Chowgule College of Arts & Science, Margao, Goa, India, 12-13 Dec, 2014.
- [22] One of the *Member of National Advisory Board* during two days National Seminar on Regional Development and Decentralized Planning, organized by the Department of Geography, St. Wilfred's P.G. College, Jaipur, Rajasthan, 16-17 July, 2013.
- [23] Co-Convenor of Indian National Trust for Art and Cultural Heritage under Darjeeling Chapter from 2020.
- [24] Acted as *Organizing Secretary* during two days Interdisciplinary National Conference on Integrated Development and Planning: Approaches, Initiatives & Challenges, organized by Social Science Research & Academic Network in collaboration with Rajasthan Swayat Shasan Mahavidyalaya, Jaipur, Rajasthan on 24-25 May 2025.
- [25] One of the *Member of Internal Advisory Committee* during one day International Seminar on Contemporary Issues; Challenges and a way forward in collaboration with IQAC and Research Development Cell, Southfield College Darjeeling, West Bengal, 28 May, 2025.

Membership of Academic /Learned Bodies:

- (i) Life member of Institute of Landscape, Ecology & Ekistics, Calcutta
- (ii) Annual member of Himalaya Samiksha Parishad, Kolkata
- (iii) Life member of Punjab Geographer, Punjab
- (iv) Life member of North Bengal Geographical Society, Siliguri
- (v) Annual member of Netaji Institute of Asian Study, Kolkata
- (vi) Professional and Lifetime member of Institute of Scholars (InSc)
- (vii) Lifetime member of the Association of Emerging Researcher in India (AERI)
- (viii) Life member of Social Science Research and Network (SSRAN)
- (ix) Life member of Indian National Trust for Art and Cultural Heritage (INTACH)