

Dr. Deepa Bhattacharjee,

Assistant Professor & Head, Department of Geography, Maheshtala College



Profile

Assistant Professor of Geography with more than 17 years' experience in teaching Graduate and Post Graduate students and researcher. Has a deep understanding in research on Physical Geography specially on Glacial landform, River meanders and river channel changes, Hazard Management, particularly the spatial and temporal dynamics of morphological changes on Himalayan glacial snout and glacial trough with Geo informatics.

Area of Specialization

Glacial & Fluvial Geomorphology, Remote Sensing & GIS, Cartography, Statistical Geography

Education

- ✚ **PhD in Geography (2007-2012)** Department of Geography, University of Calcutta "Landform Characteristics of Gangotri Glacier, Uttarakhand"
- ✚ **M.Sc (2006) in Geography**, University of Calcutta
- ✚ **Post-Graduation in Remote Sensing & GIS (Diploma) 2008**, Jadavpur University
- ✚ **Post-Graduation in GIS & GPS, Indian Institute of Remote Sensing (IIRS)**, Dept. of Space, Dehradun, Govt of India



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<https://www.maheshtalacollege.ac.in/geography-page1>



✚ **B.Sc. (2004) in Geography**, University of Calcutta



Experience

- ✚ **Maheshtala College**, University of Calcutta (2017-Present) – 6 years
- ✚ **Fakir Chand College**, University of Calcutta (2008-2017) – 10 years
- ✚ **Victoria Institution College**, University of Calcutta (2007-2008) – 1 year
- ✚ **Dept. of Geography, Kalyani University, Rabindra Bharati University, Mysore University, Calcutta University etc.** (2006-2023) – Post Graduation Course -

Research Project

- ✚ Awarded **Major Research Project** on " Changing Land Use pattern and its impact on socio economic environment of Alakananda River Basin, Uttarakhand, India " form **Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Govt. of India**, New Delhi. 2022- 2024
- ✚ Awarded **Minor Research Project** on Geomorphic Hazards on Mandakini River Basin, Kedarnath area, **UGC**, New Delhi, 2015- 2017

Professional Course: (2021-2022)

UGC Sponsored Workshop on E content Development and Online Pedagogy, UGC HRDC , North Eastern Hill University, Shilong	24.01.22 - 31.01.22
Interdisciplinary Refresher Course on Environmental Studies and Disaster Management , UGC HRDC, Mizoram University	30.11.21- 13.12.21
COURSES on “Basics of Geocomputation and Geoweb Services” , Dept of Space, ISRO, Govt of India, Dehradun	25.10.21 - 02.11.21
Workshop on MOOCs, UGC HRDC, Mizoram University	11.02.22- 17.02.22
Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Educational Framework for Global Citizenship in Higher Education” UGC HRDC, JAWAHARLAL NEHRU UNIVERSITY	24th June 2022
Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Multiple Entry & Exit” UGC HRDC, JAWAHARLAL NEHRU UNIVERSITY	30th June 2022
Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “National Skills Qualifications Framework (NSQF)” UGC HRDC, JAWAHARLAL NEHRU UNIVERSITY	27th June 2022

Major Supervision of Project work/ Field Work / Dissertation

- ✚ Disaster Management and landform analysis of **Joshimath-Badrinath Area, Uttarakhand, 2023**
- ✚ River Meander study of **Alaknanda River Basin, Devprayag-Rudraprayag, Uttarakhand, 2022**
- ✚ Socio Economic and population Studies of **Lataguri Forest village, Sursuti, Jalpaiguri District, West Bengal, 2022**



- ✚ Landscape analysis of **Puri beach area**, 2018
- ✚ Periglacial Landform studies of **Leh, Ladakh Area**, 2014
- ✚ Analysis of physiographical characteristics of **Rabangla, South Sikkim**, 2007
- ✚ Environmental aspects of **Khajjiar, Chamba Himachal Pradesh** , 2007
- ✚ Outline of landscape characteristics of **Nainital Lake area, Uttarakhand**, 2008
- ✚ Landform & land use pattern of **Dal lake area, Ward No 8,9,10, Srinagar, Jammu and Kashmir**, 2012
- ✚ A case study – physical and cultural aspects of **Rameshwaram beach area**, 2010
- ✚ Environmental studies of **Satpura Range, Pachmarhi, Madhya Pradesh**, 2013
- ✚ Landform & land use pattern of **Ramakrishna beach, Vizag, Andhra Pradesh**, 2010
- ✚ Physical & cultural landscape analysis of **Khasi hills, Meghalaya**
- ✚ Coastal environment & cultural landscape of **Marina beach area, Chennai , Tamilnadu** , 2011
- ✚ Mountain Environment and socio economic studies of **Beas river, Kullu, Himachal Pradesh**
- ✚ A case study – physical and cultural aspects of **Kaljani river basin, Alipurduar, Jalpaiguri**, 2015
- ✚ Coastal environment & cultural landscape of **Bakkhali beach area**, 2012

Awards

- ✚ 1st class 3rd Rank (M.Sc., Calcutta University)
- ✚ 1st class 2nd Rank (B.Sc., Part II, Calcutta University)
- ✚ Awarded Major Research Project form Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Govt. of India, New Delhi. 2022
- ✚ Best Poster Presentation award, National Seminar, University of Calcutta, 2009

Membership or Professional Activities

Details of Institute/Organizations	Positions	From the Year
Indian Institute of Landscape, Ecology & Ekistics, Dept. of Geography, Calcutta University, Kolkata	Hony. Asst. Secretary (Executive council member)	2007
International Geographical Union, Paris & İstanbul, Turkey	Member (Subscription)	2020
Indian National Cartographic & Association (INCA), Hyderabad	Life fellow	2022
Indian Society of Remote Sensing, Dehradun	Life fellow	2021
Indian Institute of Geomorphology, Allahabad	Life fellow	2008
Indian Science Congress Association, Kolkata	Annual Member	2013
National Association of Geographers India, New Delhi	Life fellow	2009
The Geographical Society of India, Kolkata	Life fellow	2008
Himalayan Samikha Parisad, Kolkata	Life fellow	2011

Editor of Books:

- ✚ [Book- Fluvial Geomorphology, Kalyani Publishers, Darvaganj, New Delhi, Delhi 110002, ISBN- 978-93-5540-348-3, 2023](#)
- ✚ [Land Use Planning & Management, 2015, Vol.I, ISBN- 978-81-928047-6-7](#)
- ✚ [Land Use Planning & Management, 2017, Vol.II ISBN- 978-81-928047-6-7](#)
- ✚ [Geo-Environmental Issues of the New Millennium: Sustainable Planning Perspectives, Published by Dey's publishing, Kolkata-700073, 2018](#)

List of selected Publications:

1. Fluvial Geomorphology Book, Kalyani Publishers, Daryaganj, New Delhi, Delhi 110002, ISBN- 978-93-5540-348-3, Page 1-518, 2023
2. Mountainous Hazards and Sustainable Livelihood in Leh Valley, Indigenous Knowledge and Disaster Risk Reduction, Springer, pp 83–105, https://doi.org/10.1007/978-3-031-26143-5_5, May, 2023
3. Role of nalas in development of landforms and land use pattern with special reference to the Stakmo village, Leh valley, Environment Conservation Journal, ISSN 0972- 3099, Vol.24 (1), Doi:<https://doi.org/10.36953/ECJ.11352291,2023>
4. The use of remote sensing data for major morphological changes & terrain attributes of the glacial valley, Uttarakhand, India, International Journal of Creative Research Thoughts, Volume 11, Issue 4 April 2023, ISSN: 2320-2882, pp 182-192.
5. People and Economy of the Hilly Region of Uttarkashi, Uttarakhand, India, International Journal of Science and Research (IJSR), ISSN: 2319-7064, Volume 11 Issue 4, April 2022
6. Monitoring of Profile And Snout Analysis of Gangotri Glacial Trough, Uttarakhand, India through GIS Techniques, Journal Volume No. 28, June-July 2022, THE KONKAN GEOGRAPHER, ISSN No.2277-4858, Impact Factor IIFS 6.625, Vol. No. 28, June-July 2022, page. No. 1-14
7. Assessment of geomorphic zones in Gangotri valley Glacier using satellite imaging technology, Uttarakhand, India, International Journal of Research Culture Society, Volume - 6, Issue - 1, January - 2022. IMPACT FACTOR: 5.743, DOIs:10.2017/IJRCS/202201020
8. Morphological characteristics of Gangotri glacier area, Uttarakhand using GIS and remote sensing techniques American International Journal of Research in Humanities, Arts and Social Sciences, USA 11(1), June-August, 2015, Page 11-16
9. Glacial and glacio - fluvial landform dynamism of the source of Bhagirathi river, Gaumukh, Uttarakhand, India – a geospatial technology based approach, Journal of the Indian National Cartographic Association , (INCA) Vol. 40, 2020, Published by National Atlas and Thematic Mapping Organization, Dept. of Science and Technology, Govt of India, ISSN - 0972-8392, Page No – 262 – 278
10. Mechanism of Channel Avulsion in the River Ganga and its impact on settlement area, Haridwar District, Uttarakhand Progressive Publisher Midnapore College (Autonomous) 2021, Page - 288-303, 288-303
11. People and Economy of the Hilly Region of Uttarkashi, Uttarakhand, India, International Journal of Science and Research (IJSR), ISSN: 2319-7064 SJIF (2022): 7.942, Volume 11 Issue 4, April 2022, DOI: 10.21275/SR22330205517
12. Landform Dynamism of Upper Bhagirathi Catchment Area, Uttarakhand, India – A Geospatial Technology Based Approach, published by Indian Geographical Society, Chennai, 2021, P-78
13. “Theory of GNSS – and its application” (GNSS er totya ebong khetra samikhai er proyog:ekti alochona) Bhugol Swadesh Charcha, No. 15, Vol.1, (UGC referred journal, Journal no. 21524 ,Kolkata 2020, No. 15, Vol.1, Page No. 18-27
14. Terrain characteristics and land use pattern of Gangotri area in Uttarakhand using GIS & REMOTE SENSING techniques Geographical Review of India, Kolkata September 2012, Vol. 74, No - 3, Page no- 253-264

15. Glacial retreat and their impact on environment of Gangotri region, Uttarkashi district Indian jr. of Geomorphology, Allahabad Vol. 13+14 (1&2), 2009
16. Major geomorphic hazards of Uttarakhand with special reference to glacio fluvial hazards of kedarnath region Journal of Institute of Landscape Ecology and Ekistics, ILEE, Kolkata June, 2015, Vol.40, No.1
17. Analysis of the Development of Landform and land use of Uttarkashi – Gangotri area Journal of Institute of Landscape Ecology and Ekistics, ILEE, Kolkata, Land use Planning and management Editor: Dr. Deepa Bhattacharjee (edited Volume) 2017, Page - 117-129, ISBN978-81-928047-6-7
18. Physical Environmental Problems and sustainable approaches: A case study of Uttarkashi-Gangotri area of Bhagirathi Basin Physical Environmental Problems and sustainable approaches: A case study of Uttarkashi-Gangotri area of Bhagirathi Basin *Editor: Dr. Deepa Bhattacharjee (myself)*, Dey's publishing, Kolkata-700073 2018, Page - 404-417, ISBN:978-93-98377-16-3
19. Interrelationship among climate, soil and vegetation: A case study of Gangotri, Uttarakhand Intellect.us Environment 2021, Page - 58-78 ISBN:978-81-950332-0-1
20. Digital terrain analysis & Land use pattern of Harsil-Gaumukh area with application of GIS techniques Importance and Utilities of GIS 2019, Page 102-110 , ISBN: 978-81-93977-6-6-8
21. Terrain characteristics and land use pattern of Gangotri area in Uttarakhand using GIS & REMOTE SENSING techniques Geographical Review of India, Kolkata September 2012, Vol. 74, No - 3 253-264 0375- 6386
22. Major geomorphic hazards of Uttarakhand with special reference to glacio fluvial hazards of Kedarnath region Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta June, 2015, Vol.40, No.1. 331-336 0971- 4170
23. Identification of glacial erosional landforms and their characteristics of Gangotri glacier area, Uttarakhand Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta, June,2012, Vol.35, No.1. 615-632 0971- 4170
24. A study of physical and cultural landscape of the Bhagirathi basin with the emphasis on Gangotri area Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta, December, 2010, Vol.33, No.2. 191-206 0971- 4170
25. Glacio fluvial problems of the Gangotri area Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta, June, 2007, Vol.30, No.1. 195-204 0971- 4170
26. Natural hazards and their management with special reference to landslides in Uttarkashi area Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta December, 2009, Vol.32, No.2. 143-154 0971- 4170
27. Identification of major glacial and glacio-fluvial features of gangotri-gaumukh area Seminar Proc., Bhairav Ganguly College, March, 2014 54-61

28. Terrain evaluation of bhagirathi basin with special emphasis to gangotri glacier area, uttarakhand using gis & remote sensing techniques Journal of Institute of Landscape Ecology and Ekistics, ILEE, Calcutta December, 2013, Vol.36, No.2. 242-251 0971- 4170
29. Glacial process and its influence on landform development of gangotri glacier area, uttarakhand Seminar Proc., Kalyani Mahavidyalaya, March, 2013 487-500 978- 81- 92804 7-2-9
30. Evolution of valleys and water falls of upper Bhagirathi basin, Uttarakhand Ekistics, ILEE, Journal of Institute of Landscape Ecology and December, 2014, Vol.39, No.2. 177-189 0971-4170
31. Tributary glaciers as important agent for the modification of landscape with special reference to active and inactive glaciers of Gangotri glacial trough Proceedings of International Seminar on Environmental Perspectives and Resource management by The Institute of Landscape Ecology and 19-20 DEC 2014 258-270 ISBN – 978- 81- 92804 7-4-3 Ekistics, ILEE, Calcutta
32. Dynamics of glacial morphology, Proceedings on Application of Modern techniques Environmental Hazards, Haringhata Mahavidyalaya, September 2014, 97881- 92977, 239-251

SELECTED SEMINAR PRESENTATION/ CONFERENCE / WORK SHOP

2021-2022

1. Presented- “Glacial and Glacio - fluvial landform dynamism of the source of Bhagirathi River, Gaumukh, Uttarakhand, India – a geospatial technology based approach” (offline Seminar), 40th INCA International Congress On Digital Mapping Innovations in Make India Initiatives On 10th & 11th February, 2021, Organized by Indian National Cartographic Association & National Atlas & Thematic Mapping Organization
2. Presented-Terrain Characteristics and Land Resources in Leh Valley with Special Reference to Amphitheater Valleys and Dry Fans, 33rd IGI International Geography Online Conference on the theme Geomorphology and Environmental Sustainability organized by Department of Geography, University of Allahabad, Prayagraj from 02–04 December, 2021.
3. Presented- “The use of remote sensing data for major morphological changes & terrain attributes of the Gangotri glacial valley, Uttarakhand, India” , National Symposium on i-GEOMATICS: An integrated technology to empower citizens towards self-reliant nation hosted online by Indian Society of Geomatics & Indian Society of Remote Sensing on 15th - 17th December 2021.
4. Presented- ONLINE COURSE ON “Basics of Geocomputation and Geoweb Services” 25-10-2021 to 02-11-2021 (Total course duration = 10 hrs & 30 minutes), Concerned IIRS Nodal Centre- Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand, Dept. of Space, Govt of India
5. Presented- “Quantitative analysis of glacial trough, Uttarakhand”, on Modern trend in Humanities, science & technology and social science for sustainable development” organized by A.P.C Roy Govt College, Siliguri, in collaboration with HRDC , North Bengal University, Darjeeling , 23-24th September, 2021
6. Participated in the workshop (STC) online on MOOCS held from 11th February to 17th February organized by UGC HRDC Mizoram University

7. Participated in the workshop (STC) online on E Content Development & online pedagogy from 24th January, 2022 to 31st January, 2022 organized by UGC HRDC North Eastern Hill University (NEHU).
8. One Week Online Faculty Development Program On Advanced Research Methodology Applicable in New Education Policy during June 22-28, 2021, organized by Digvijay Nath Post Graduate College Gorakhpur & Science Tech Institute, Lucknow, Uttar Pradesh.
9. Participated in online mode “how to get published in an Academic Journal” organized by WILEY, New York, 26th January, 2022
10. Participated in the Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “National Skills Qualifications Framework (NSQF)” held on 27th June 2022, HUMAN RESOURCE DEVELOPMENT CENTER (HRDC), JAWAHARLAL NEHRU UNIVERSITY.
11. Participated in the Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Multiple Entry & Exit” held on 30th June 2022, HUMAN RESOURCE DEVELOPMENT CENTER (HRDC), JAWAHARLAL NEHRU UNIVERSITY
12. Participated in the Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Educational Framework for Global Citizenship in Higher Education” held on 24th June 2022, HUMAN RESOURCE DEVELOPMENT CENTER (HRDC), JAWAHARLAL NEHRU UNIVERSITY
13. Participated in the Two Day National Webinar entitled “Violation of Human Rights and related Social Stigma against LGBT in Indian Subcontinent” on September 30 and October 1, 2021, organized by the Department of Geography and IQAC, Vidyasagar College in collaboration with ICSSR, ERC.
14. Two day State level seminar on CAS, WBHS & other service benefits for college employees, 8th June to 9th June, 2021, organized by Women’s College, Calcutta in collaboration with Bhairab Ganguly College
15. Participated in One-Day National Webinar on Global Climate Change : Responses And Resolutions, held on 19 SEPTEMBER, 2021, organized by IQAC in collaboration with Seminar Sub-committee, Government Girls’ General Degree College, Ekbalpur, Kolkata.
16. Participated in the one-day International Seminar “Homo Sapiens as Pathogens: Humans, The Environment and Disaster” organized by Dept. of Economics & Dept. of Geography, Garhbeta College on 17th September, 2021.
17. Participated in the Two Day National workshop on “ Methods and approaches for health research in social sciences” organized by ICMR & Central University of Karnataka on 26th – 27th June, 2021
18. Participated in One-Day State level Webinar on “Environment and Arsenic problem: Awareness and solutions & understanding sustainable environment from the rural perspective “ organized by Balagarh Bijoy Krishna Mahavidyalaya with collaboration Amartya Rural welfare and Research Center, on 5th June 2021
19. Participated in one day national level webinar on BIOLOGY, BEHAVIOR & BEYOND held on 30/06/2021 from 4:30 PM to 7:00 PM. Organized by Dept. of Zoology in collaboration with IQAC, Fakir Chand college, diamond Harbour, south 24 pgs, west Bengal, India
20. Participated as Convenor in one day International webinar on "One planet: Life and environmental sustainability" Organized by the Department of Geography, Maheshtala College on 16th June, 2022
21. Participated as Convenor One-day Workshop on Practical Training Programme, Measurement of Soil Salinity and pH, Organized by the Department of Geography, Maheshtala College, on 18th June, 2022

Sl. No.	Date	Title of the Seminar/Workshop (Major/Selected)	National/ International	Organized by
21	2 nd - 4 th , November , 2022	34 th National Conference of the Indian Institute of Geomorphologist (IGI) : Paper Title : Land Use Changes in Alaknanda River Basin with special reference to Badrinath and Kesabprayag (Mana village) area	National	Dept. of Geography, Savitribai Phule Pune university, Pune, Maharashtra,
22.	15 th September , 2017	Workshop on “Proposed Geography Syllabus (Hons. & Genl.) under CBCS System and introduction of open source software” held in Lady Brabourne College	National	Lady Brabourne College & Board of Under graduate Studies, Geography, University of Calcutta
23.	8 th May, 2018	Workshop on “Implementation of CBCS System in UG Studies in Geography” held in Shri Shikshayatan College & Board of Under graduate Studies in Geography	National	Shri Shikshayatan College & Board of Under graduate Studies, Geography, University of Calcutta
24	16-22 May, 2018	Participated as a Course Coordinator of 7 day Workshop (Quantitative Techniques in Geography) at Dept. of Geography, University of Calcutta Organized by Institute of Landscape, Ecology and Ekistics, Kolkata.	National	Institute of Landscape, Ecology and Ekistics, Kolkata
25	9 th June, 2018	Workshop on “Implementation of CBCS System in UG Studies in Geography” held in Vivekananda Womens College & Board of Under graduate Studies in Geography.	National	Vivekananda Women’s College & Board of Under graduate Studies in Geography, University of Calcutta.
26.	11 th May, 2019	One day workshop on Geography Hons Practical CBCS Syllabus (SEM – II) at Dept. of Geography, University of Calcutta	National	Dept. of Geography, Raidighi College in collaboration with Faculty Council, PG, CU & UG BOS, University of Calcutta
27.	10.1.20 - 11.01.20	Workshop on “Implementation of CBCS System in UG Studies in Geography” held in Loreto College	National	Dept. of Geography , Loreto College & Board of Under graduate Studies in Geography

28.	30.01.19-05.02.19	Participated 7 Day Workshop in “Quantitative Techniques in Geography” at Dept. of Geography, University of Calcutta Organized by Institute of Landscape, Ecology and Ekistics, Kolkata	National	Institute of Landscape, Ecology and Ekistics, Kolkata
29.	7 th May, 2020	<i>Webinar Series on “ENGAGING ACADEMIA ONLINE: ISSUES, OPPORTUNITIES, CHALLENGES: E Learning; Prospects & Perspectives”, organized by Maheshtala College with the collaboration of K.K. Das college & Raidighi College, on 7th May, 2020</i>	State Level	<i>Maheshtala College with the collaboration of K.K. Das college & Raidighi College</i>
30.	14 th May, 2020	<i>Webinar Series on “ENGAGING ACADEMIA ONLINE: ISSUES, OPPORTUNITIES, CHALLENGES”, organized by Maheshtala College with the collaboration of K.K. Das college & Raidighi College, on 14th May, 2020</i>	National	<i>Maheshtala College with the collaboration of K.K. Das college & Raidighi College</i>
31.	18 th May, 2020	Participated in the Webinar organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on the theme of Road Map of Future Geographers	State Level	School of Basic and Applied Sciences, Adamas University
32.	19 th May - 9 th June, 2020	Three weeks workshop on “Remote Sensing in Crop Monitoring and Assessment” dated, organized by IIRS, Dehradun, Dept. Of Space, Govt of India	National	IIRS, Dehradun, Dept. Of Space, Govt of India
33.	20 th May, 2020	<i>Webinar Series on “ENGAGING ACADEMIA ONLINE: ISSUES, OPPORTUNITIES, CHALLENGES”, organized by Maheshtala College with the collaboration of K.K. Das college & Raidighi College, on 20th May, 2020</i>	National	<i>Maheshtala College with the collaboration of K.K. Das college & Raidighi College</i>
34.	5 th June, 2020	National webinar on “Time for Nature” to celebrate World Environment Day–2020, organized by Maheshtala College, on 5 th June, 2020	National	Maheshtala College
35.	10 th June, 2020	National Webinar on ‘Combating the Coronavirus Pandemic in Higher Education’ organized by Maheshtala College on 10 th June, 2020	National	Maheshtala College
36.	11 th June, 2020	Webinar on ‘Lower Ganga Delta and Estuaries’ organized by Vivekanada	State	Vivekanada College for Women, Barisha & Belda College

		College for Women, Barisha & Belda College on 11 th June, 2020		
37.	19 th June, 2020	International Webinar on 'Mental health and social wellbeing in corona times' organized by Maheshtala College on 19 th June, 2020	National	Maheshtala College
38.	24 th June, 2020	International Webinar Talk on Climate Change and Earth's Landscape	International	Dept. of Geography, Kazi Nazrul University, Asansol
39.	29 th June, 2020	Webinar of Amphan on Socio-Economy and Environment of Sundarban	State	East Calcutta Girls' College, Kolkata - 700089
40.	29.06.2020 – 03.07.20	Online Course on "Satellite Photogrammetry and its Application"	National	Indian Institute of Remote Sensing, Indian Space Research Organization (ISRO), Dept. of Space, Govt. of India
41.	04.07.2020	Workshop on "Best Practices for Teaching Online"	National	ABP Education & Surendranath College for Women
42.	18 th July, 2020	Participated in the International Webinar on <i>Embracing plurality & inclusivity: Gender sensitization & students</i> , Organized by <i>Gender Cell, Maheshtala College</i>	International	Gender Cell, Maheshtala College
43.	25 th July, 2020	Webinar on Covid 19 Pandemic and "The New Normal"	State	NSS Unit, Kultali Dr. B. R. Ambedkar College
44.	27th July, 2020	Participated in the state level webinar on "Water and Power Resources Management in Disaster Situation like Amphan Cyclone" organized by Department of Geography & IQAC, Kultali Dr. B. R. Ambedkar College	National	Department of Geography & IQAC, Kultali Dr. B. R. Ambedkar College
45.	29 th & 30 th July, 2020	Webinar on Recent trends in Computer Science – 1"	National	Dept. of Computer Science, Maheshtala College
46.	1 st & 2 nd August, 2020	Participated in the two-day E workshop on "Online teaching, learning & evaluation on 1 st & 2 nd August, 2020	National	<i>IQAC CELL OF Prabhat Kumar College, Contai & K.K. Das college, Kolkata</i>
47.	9 th August, 2020	participated in the One Day Webinar on "Changing Times and New Classrooms" held on August 09, 2020, Time: 3PM - 7:30PM organized by West Bengal College and University Professors' Association WBCUPA, (South 24 PGS)	National	West Bengal College and University Professors' Association WBCUPA, (South 24 PGS)
48.	26 th September	Participated in the International Webinar on Mental Health and	International	Unit of N.S.S., U.B.A. & Alumni Association, Maheshtala

	, 2020	Wellbeing Organized by the Unit of N.S.S., U.B.A. & Alumni Association, Maheshtala College		College
49.	18 th November, 2020,	Participated in the Webinar on the occasion of GIS Day, organized by Indian Society of Remote Sensing, Kolkata Chapter & CAD Center, Jadavpur University.	National	by Indian Society of Remote Sensing, Kolkata Chapter & CAD Center, Jadavpur University
50.	12 th January, 2021	Participated in the Webinar to celebrate On the Occasion of National Youth Day, Swami Vivekananda's Views on Philosophy and Youth Organized by Dept. of Philosophy, Maheshtala College	National	Dept. of Philosophy, Maheshtala College
51.	21 st – 23 rd January, 2021	32 nd Annual Conference of Geomorphology for Human Adatation to Changing Environment	National	Indian Institute of Geomorphologists (IGI) & Dept. of Geography, West Bengal State University
52.	23 rd January, 2021	Participated in the Webinar to celebrate Netaji's Birthday on "Influence of Swami Vivekananda on Netaji Subhash Chandra Bose Commemorating 125th Birth Anniversary of Netaji" Organized by NAAC Team & Unit of N.S.S., Maheshtala College	National	NAAC Team & Unit of N.S.S., Maheshtala College
53.	27 th January, 2021	Participated in the NAAC supported National Level Webinar on "New Assessment and accreditation Process of NAAC with special focus on the challenges faced by rural colleges" on 27 th January, 2021 organized by the IQAC, Raidighi College.	National	IQAC Cell, Raidighi College, South 24 Parganas
54.	28 th January, 2021	Participated in the Golden Jubilee Lecture Series – 2 on "Different current issues of Library and reading materials relating to Pandemic situation" organized by	National	the Central Library, Maheshtala College on
55.	3 rd February, 2021	Organized Webinar/Convenor (Golden Jubilee Lecture Series – 3) on 'Digital Cartography and Geoinformatics' Dept. of Geography, Maheshtala College on 3 rd February, 2021	National	Dept. of Geography, Maheshtala College

56.	10 th & 11 th February, 2021	Presented Paper – (Phisically) Titled: Glacial and Glacio - fluvial landform dynamism of the source of Bhagirathi river, Gaumukh, Uttarakhand, India – a geospatial technology based approach (40 th INCA International Congress On Digital Mapping Innovations in Make India Initiatives)	International (Offline)	Indian National Cartographic Association & National Atlas & Thematic Mapping Organization
57.	12 th May, 2021	Participated in the International Webinar on “Distribution of scarce medical resources during pandemic: Consideration from perspective utilitarianism.theories” Organized by Dept. of Philosophy, <i>Pol.Sc & IQAC</i> , <i>Maheshtala College</i>	International	Dept. of Philosophy, <i>Pol.Sc & IQAC, Maheshtala College</i>



2007- 2016

DETAILS OF PRESENTATION	VENUE	DATE
Conservation of Gangotri glacier: a geographical appraisal	National Seminar on „ Management Strategies for the Indian Himalaya: Development and Conservation“ organized by HNB Garwal University, Uttarakhand.	October 29-31, 2007
Participated in the International Symposium	International Symposium on „New frontiers in Regional Science“ held at the National Atlas and Thematic mapping Organization, Salt Lake city , Kolkata.	August 6-7,2007
Geomorphological study of Gangotri & its tributary glaciers using GPS & GIS techniques with quantitative analysis	National Seminar on Upgrading Technologies and Degrading Earth“s Environment: Reality or Myth (December 22-24, 2012, Department of Geography, Allahabad University, Allahabad	December 22-24, 2012

Geomorphic Hazards Of Uttarkashi Town- A Case Study Of Varunavat Mountain	International workshop on Geomorphological hazards, Centre for GeoTechnology, Manonmaniam Sundaranar University, Tirunelveli – 627 012. Tamil Nadu, India.	24 - 25 september, 2009
Fluvio glacial dynamics of Gangotri-Yamunotri terrain, Uttarkashi district	Jammu University in the XIX conference of IGI, Jammu University	Dec 26-28, 2006

Natural hazards & sustainable development in Uttarkashi-gangotri area with special reference to landslide	West Bengal Academy of Science and Technology (Jadavpur University)	22-23rd Feb, 2008
Impact of glacial retreat & sustainable development of Uttarkashi district with special reference to Gangotri area	National Seminar on Environment & Sustainable Development In B. B. College, Asansol, West Bengal.	9-10 th March 2007
Natural hazards of Sikkim Himalayan terrain with special reference to landslide hazards.	National Seminar of Indian Institute of Geomorphology, Centre for Geotechnology, Manonmaniam Sundarnar University, Tirunelveli, Tamilnadu	December 26-28, 2005

Landscape and drainage patterns of upper Bhagirathi basin with special emphasis to Gaumukh-Gangotri area	International Conference on “Dimensions of Development and Resource Conservation” organized by Department of Geography, University of Calcutta.	March 10 th - 12 th , 2012
Environment and development of Uttarakhand tourism with special reference to Gangotri area	33 rd Indian Geography Congress conference (NAGI) organized by Department of Geography, Burdwan University	November 11-13, 2011
Terrain evaluation of Bhagirathi basin with special emphasis to Uttarkashi-Gangotri area using remote sensing and GIS techniques	National seminar on Natural Resources Management organized by Department of Geography, Calcutta University	March 10-11, 2011
Geomorphological study of Bhagirathi basin with special emphasis to Uttarkashi-Gangotri area using Morphometrical Techniques	National Seminar on in conference organized by Department of Geography, HNB Garhwal University	November 02-04, 2011

Identification of geomorphological features and land use pattern of Uttarkashi-Gangotri area using remote sensing and GIS techniques	32 nd Indian Geography Congress conference (NAGI) organized by Department of Geography ,Panjub University	November 19-21 ,2010
Geomorphic hazard and disaster of Uttarkashi area with special reference to varunavat landslide using remote sensing and GIS techniques	National Seminar on environment, culture and development, Department of Geography, Rani Durgawati University, Jabalpur, M.P	November 19-21, 2009
	User Interaction Meet” organized by National Remote Sensing Centre,	January 28-29 th , 2009
Participated in the workshop	Hyderabad.	
Natural hazards & their impact on land use with special reference to landslide in Uttarkashi-Gangotri area	National Seminar on Geomorphology in disaster mitigation and management organized by Department of Geography,Benaras Hindu University. Department of Geography.	February 15-17, 2008

Title of Research Paper	University/Institute	Date
Glacial process and its influence on landform development of Gangotri glacier area, Uttarakhand	100th Indian science congress, Venue - University of Calcutta, Kolkata	3-7 January, 2013, Kolkata
Identification of major glacial and glacio-fluvial features of Gangotri-Gaumukh area	Seminar Proc., Bhairav Ganguly College,	14-15 March, 2014
Glacial process and its influence on landform development of Gangotri glacier area, Uttarakhand	Seminar Proc., Kalyani Mahavidyalaya,	March, 2013
Morphology of accumulation and ablation zone of	IGI, nov, 2014 VIDYASAGAR	14-17 NOV,

gangotri and its tributary glacier	UNIVERSITY	2014
Tributary glaciers as important agent for the modification of landscape with special reference to active and inactive glaciers of Gangotri glacial trough	ILEE, DEPT. F GEOGRAPHY, CALCUTTA UNIVERSITY, KOLKATA	19-20 DEC, 2014
Dynamics of glacial morphology and its impact on geomorphic hazards - Gangotri group of glaciers using Indian remote sensing satellite data	Proceedings on Application of Modern techniques Environmental Hazards , Haringhata Mahavidyalaya	September 2014
Geomorphic evidences of Gangotri Glacier and its ambiances, Uttarakhand	National seminar on research Frontier in man nature interface	1-2 March, 2014
Terrain evaluation of Bhagirathi basin area with special emphasis to Kedar Ganga basin	National Association of Geographers, India (NAGI) in the department of Geography, Patna University	November, 2-4, 2012