

Profile
Professor Sujit Mandal (Geography)



1. Personal Details:

a. **Name of the Faculty:** Professor Sujit Mandal (Geography)

b. **Academic Degrees:** M. Sc., Ph.D.

c. **Department:** Geography

d. Designation:

Professor of Geography and Former Dean, Faculty of Science, Diamond Harbour Women's University
[Former Head, Dept. of Geography, DHWU]

Former Professor and Head, Dept. of Geography, University of Gour Banga, & Former Assistant Professor,
Raja Narendra Lal Khan Women's College, Midnapore, West Bengal]

e. **Email id:** mandalsujit2009@gmail.com

f. **Courses Taught:** Process geomorphology, oceanography, soil and bio-geography, environmental geography, regional geography, statistical techniques

g. Area of Research Interests:

- i. Applied Geomorphology
- ii. Fluvial Geomorphology
- iii. Soil and Environment
- iv. Natural Hazards and Disasters Management
- v. Geospatial Technology

h. Teaching Experience [substantive post only]:

Positions	Subjects	Duration	Institutions
Assistant Professor of Geography	Geography	03.06.2005 to 16.09.2014	Raja N.L.Khan Women's College, Midnapore, West Bengal, India
Associate Professor of Geography	Geography	17.09.2014 to 14.09.2016	Gour Banga University, Malda, West Bengal, India
Professor of Geography [open post]	Geography	15.09.2016 to 30.10.2017	University of Gour Banga, Malda, West Bengal, India
Professor of Geography [open post]	Geography	31.10.2017 to till date	Diamond Harbour Women's University, West Bengal, India

i. Administrative Experience:

- i. NSS Coordinator during the session 2005-2006, Raja N. L. Khan Women's College.
- ii. Secretary of Co-operative Credit Society Limited, Raja N.L.Khan Women's College, since 01.04.2012 to 16.09.2015.
- iii. Academic Coordinator of NSOU, Raja N.L.Khan Women's College Post Graduate Geography Study Centre for the academic year 2013-14 and 2014-15.
- vii. Member of The Court and Executive Council, University of Gour Banga 2016-2017
- viii. Administrator, Samsi College, Malda, West Bengal 2016-2017
- x. Registrar (a/c), University of Gour Banga, 2017
- xi. Dean, Faculty of Science, Diamond Harbour Women's University, since 2018 to 2021
- xii. Member of The Court and Executive Council, Diamond Harbour Women's University, since 2018 to 2021
- xiv. President, Governing Body, Fakirchand College, Diamond Harbour, since 2019
- xv. Director, Centre for Disaster Management, Diamond Harbour Women's University.

2. Research Publications [Last 5 Years]:

Serial No.	Title of the Research Paper	Level [international / national/state]	ISBN/ISSN	Name of the Publishing Agency	Year of Publication
1	Identification of ground water potential zones of the Kumari River Basin, India: A RS & GIS based semi-quantitative approach.	International	ISSN: 1573-2975; 1387-585X (P)	<i>Environment, development and Sustainability</i> , [Springer]	2018
2	Support Vector Machines in Monitoring Land Use Dynamicity and Temporal Variation of Land Surface Temperature in Kurseong, Darjiling Himalaya.	International	ISSN: 2363-6211; ISSN-2363-6203 (P)	<i>Modeling Earth System and Environment</i> [Springer],	2018
3	Landslide Susceptibility and Element at Risk: A Micro-level Study from the Balason River Basin of Darjiling Himalaya,	International	ISSN: 1866-7538; ISSN-1866-7511 (P)	<i>Arabian Journal of Geosciences</i> [Springer].	2018
4	Assesment of Channel Shifts Hazard of the River Torsa in the Eastern Himalayan Foothills, India.	International	ISSN: 2349-1965	<i>International Journal of Basic and applied Research</i> , IJBASR	2018
5	Analytical Hierarchy Process (AHP) based Landslide Susceptibility Mapping of Lish River basin of Eastern Darjeeling Himalaya, India,	International	ISSN: 1879-1948; ISSN:0273-1177 (P)	<i>Advances in Space Research</i> , (Elsevier, Earth Science; IF-2.611).	2018
6	Channel shifting of the River Ganga and land loss induced land use dynamicity in Diara region of West Bengal, India: A geo-spatial approach	International	ISSN: 2349-1965	<i>International journal of basic and applied research</i> , IJBASR	2018
7	Monitoring Changing Course of the River Ganga and Landuse dynamicity in Manikchak Diara of Malda District, West Bengal, India using Geospatial Tools.	International	ISSN-2366-3294 doi.org/10.1007/s41324-018-0210-2	<i>Spatial Information Research</i> , Singapore (Springer)	2018
8	Assessing channel migration dynamics and vulnerability (1977-2018) of the Torsa river in the Duars and Tal region of Eastern Himalayan foothills, West Bengal, India,	International	ISSN-2366-3294 DOI 10.1007/s41324-018-0213-z	<i>Spatial Information Research</i> , Singapore (Springer)	2018
9	Data-driven evidential belief function (EBF) model in exploring landslide susceptibility zones for the Darjeeling Himalaya, India,	International	DOI: 10.1080/10106049.2018.154428	<i>Geo-carto International</i> (Taylor and Francis)	2018
10	Landslide Susceptibility Mapping of Darjeeling Himalaya, India using Index of Entropy (IOE) model,	International	ISSN:1866-928X; ISSN: 1866-9298	<i>Applied Geomatics</i> , (Springer).	2018
11	Channel Migration Zone Mapping of the Torsa River in the Duars and Tal Region of the Eastern Himalayan Foothills, India, 'Contemporary Research Perspectives in Geography',	National	ISBN-978-81-89140-54-0.	International Benevolent Research Foundation, Kolkata,	2018
12	Morphometric Diversity and its Implication to Landslide Susceptibility in the Balason River Basin, Darjeeling Himalaya, in 'West Bengal: Geoinformatics for Sustainable Environment Management'	National	ISBN: 978-93-82112-63-1	<i>Netaji Subhas Open University</i> , Kolkata	2018

13	Fluvial Processes and Channel Stability of the Torsa River, West Bengal (India), 2 (2), 62-78.	National	ISSN-2582-1083	<i>J.Geographical Studies,Department of Geography, Jamia Millia Islami-A Central University</i>	2018
14	Prioritization of Watersheds in the Balason River Basin of Darjiling Himalaya using GIS and PCA Analysis.	National	ISSN-0257-7968	<i>Ind. Geo. Phy. Union (IGU)</i>	2018
15	Role of various geomorphic parameters in landslide susceptibility of the Balason river basin of Darjeeling Himalaya, India, , Vol. 22 (5),	National	ISSN-0257-7968	<i>Ind. Geo. Phy. Union (IGU)</i>	2018
16	Statistical Approaches for Landslide Susceptibility Assessment and Prediction	International	ISBN- 978-3-319-93897-4,	Springer International	2018
17	Identification of suitable human habitation sites through the river bank stability analysis on Gnga-Pagla interfluves area of West Bengal, India. (Springer).	International	ISSN-2366-3294	<i>Spatial Information Research, Springer Singapore</i>	2019
18	Channel Migration And Resultant Land Use Dynamicity Of An Alluvial Channel Using Geospatial Tools: A Study on the Raidak-I River Buffer Zone, Cooch Behar, West Bengal.	International	ISSN: 2455-8834	<i>International Journal of Social Science and Economic Research</i>	2019
19	Modelling and Mapping of Landslide Susceptibility in South Sikkim Himalaya, India using Binary Logistic Regression (BLR) and Geoinformatics, Vol. 12 (12).	International	(E-ISSN No. 2278-4543),(PRINT-ISSN 0974-262X)	<i>The Scientific Journal Disaster Advances</i>	2019
20	Geoinformatics and Modelling of Landslide Susceptibility and Risk: An RS & GIS-based Model Building Approach in the Eastern Himalaya	International	ISBN- 978-3-030-10494-8	<i>Springer International Publishing</i>	2019
21	Slope Instability Analysis based on Morphometric and Land Use Parameters: An Approach towards Watershed Development using Geoinformatics, South Sikkim Himalaya, India, Vol. 13 (4).	International	(E-ISSN No. 2278-4543),(PRINT-ISSN 0974-262X)	<i>The Scientific Journal Disaster Advances</i>	2020
22	Geomorphic diversity and landslide susceptibility in the Balason River Basin, Darjeeling Himalaya, Volume 27, Number 1, pp.13–24 •	International	<u>ISSN: 1023-697X</u> (Print); <u>ISSN: 2326-3733</u> (Online)	<i>HKIE Transactions, The International Journal of the Hong Kong Institution of Engineers</i>	2020
23	A morphology-independent methodology to assess erosion, accretion and lateral migration of an alluvial channel using geospatial tools: a study on the Raidak-I river of Himalayan Foothills, 6 , 35 (2020)	International	ISSN-2363-5045; 2363-5037 (P) https://doi.org/10.1007/s40899-020-00393-9 IF.-1.25	<i>Sustainable Water Resource. Management, Springer</i>	2020
24	Acceptance of BANCS model for predicting stream bank erosion potential and rate in the left bank of Ganga river of Diara region in Malda district, North East India,	International	ISSN-2366-3294 DOI 10.1007/s41324-020-00334-w.	<i>Spatial Information Research, Springer.</i>	2020
25	Single Beam Bathymetric Data Modelling for Identification River Bank Prone Erosion sites near Manikchak region in Malda District, North East India, vol.7 (3).	International	ISSN- 2348-1269	<i>International Journal of Research and Analytical Review (IJRAR)</i>	2020

26	Assessment of Slope Stability using General Limit Equilibrium (GLE) Method in South Sikkim Himalaya, India, Vol. 13 (8).	International	(E-ISSN No. 2278-4543),(PRINT- ISSN 0974-262X)	<i>The Scientific Disaster Advances</i>	2020
27	Geo-spatial approach base landslide susceptibility mapping using analytical hierarchical process, frequency ratio, logistic regression and their ensemble methods,	International	ISSN: 2523-3971 https://doi.org/10.1007/s42452-020-03441-3 .	<i>SN Applied Sciences</i> , Springer	2020
28	Assessment of relationship of braiding intensities with stream power and bank erosion rate through Plan Form Index (PFI) method: A study on selected reaches of the stream of Ganga River near Malda district, West Bengal, India,	International	ISSN-2363-5045; 2363-5037 (P) https://doi.org/10.1007/s40899-020-00462-z	<i>Sustainable Water Resource Management</i> , (I.F. 1.25) Springer	2020
29	River bank erosion risk potential estimation through mechanical and erodibility analysis of soil: A study on left bank of Ganga river near Malda district in West Bengal, India,	International	ISSN: 0027-9374/2020/1752	International Peer-Reviewed Journal NGSIBHU	2020
30	Impact of the Farakka Barrage on the Thresholds of the Hydrologic Flow Regime through RVA in the upstream of Ganga River near Malda District, West Bengal, Autum issue 11 (2) pp. 67-74.	International	ISSN-2249-4316 (E) ISSN-2249-3921 (P)	<i>Indian Journal of Spatial Science</i> , Kolkata	2020
31	Assessment of Landslide risk using BLR and AHP for South Sikkim Himalaya, India,; Vol. 14 (4) April (2021), 1-25	International	(E-ISSN No. 2278-4543),(PRINT- ISSN 0974-262X)	<i>The Scientific Journal Disaster Advances</i>	2021
32	Applying deep learning and benchmark machine learning algorithms for landslide susceptibility modelling in Rorachu river basin of Sikkim Himalaya, India,	International	ISSN-1674-9871 https://doi.org/10.1016/j.gsf.2021.101203	<i>Geoscience Frontiers</i> (Elsevier , IF-7.483)	2021
33	Monitoring land use and land cover change in Chhota Rangit River basin of Darjeeling Himalaya, India using Remote Sensing and GIS techniques, issue -3	International	ISSN-0304-2294	LINGUISTICA ANTVERPIENSIA	2021
34	Water quality assessment of Chhota Rangit River in Darjeeling Himalaya, India using Water Quality Index (WQI) approach, vol. 12 (7), pp-3217-3239.	International	ISSN-1309-6591	<i>Turkish Online Journal of Qualitative Enquiry</i> (TOJQE)	2021
35	Economic Lockdowns and Challenges of Rural Livelihood: Indian Scenario, in M. Mishra and R. B. Singh, COVID-19 Pandemic Trajectory in the Developing World, ,	International	ISBN-978-981-33-6440-0	Advances in Geographical and Environmental Sciences, Springer Nature	2021
28	River bank erosion and livelihood vulnerability of the local population at Manikchak block in West Bengal, India	International	ISSN: 1573-2975; 1387-585X (P)	<i>Environment, Development and Sustainability</i> , Springer ; IF-4.080	2022
29	Integrating geospatial techniques and field survey to assess the changing nature of meander movements and meander geometry of Raidak-I River in the Himalayan foothills, West Bengal, , No. 22 (2022): 5-18.	National	ISSN:2300-8490 doi- http://doi.org/10.12775/bgeo-2022-0001	Bulletin of Geography, <i>Physical Geography Series</i>	2022

30	Assessment of Geotechnical properties of the bank sediment to investigate the riverbank's stability along the Ganga river within the stretch of Malda district, West Bengal, India, (2022) 8: 44;	International	ISSN-2363-5045; 2363-5037 (P) doi- https://doi.org/10.1007/s40899-022-00637-w	<i>Sustainable Water Resource Management, Springer</i>	2022
31	River bank erosion induced social vulnerability index assessment using factor analysis and logistic regression model: a study on Manikchak block in West Bengal, India, , vol. 3 (4)	International	ISSN: 2582-7138	<i>International Journal of Multidisciplinary Research and Growth Evaluation</i>	2022
32	Channel Migration Vulnerability in the Kaljani River basin of Eastern India	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment, Springer</i>	2022
	Channel Instability in Upper Tidal Regime of Bhagirathi Hugli River, India in S. Mondal, R. Maiti, M. Nones, and H. R. Beckedahl, <i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment</i> , ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment, Springer</i>	2022
	Modelling and mapping of landslide susceptibility of Darjeeling Himalaya using Landslide Nominal Risk Factor (LNRF) & Statistical Index (SI) in S. Mondal, R. Maiti, M. Nones, and H. R. Beckedahl, <i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment</i> , ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment, (Springer)</i>	2022
	Assessing channel migration, bank erosion vulnerability and suitable human habitation sites in the Torsa River Basin of Eastern India using AHP model and geospatial technology in S. Mondal, R. Maiti, M. Nones, and H. R. Beckedahl, <i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment</i> , ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment, (Springer)</i>	2022
	Predicting the landslide susceptibility in Eastern Sikkim Himalayan region, India using Boosted Regression Tree and REPTree machine learning techniques in S. Mondal, R. Maiti, M. Nones, and H. R. Beckedahl, <i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment</i> , ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Applied Geomorphology and Contemporary Issues, Geography of the Physical Environment, (Springer)</i>	2022
	River Bank Erosion Hazards and Channel Morphodynamics: A perspective of Fluvial Geomorphology	International	ISBN: 978-1-032-23307-9 pbk, DOI: 10.4324/9781003276685.	<i>Routledge (Taylor and Francis Group London and New York),</i>	2022
	Applied Geomorphology and Contemporary Issues- an Edited Volume in the book series of	International	ISBN: 978-3-031-04531-8; doi- https://doi.org/10.1007/978-3-031-04532-5	<i>Geography of the Physical Environment Series (Springer Nature) Switzerland AG, Gewerbestrasse 11, 6330 Cham, Switzerland,</i>	2022

3. Research papers presented in conferences/seminars [Last 5 years]:

Serial No	Title of the Paper Presented	Title of the seminar/ conference	Level [International/ National/state]	Name of the organiser	Date
1.	<i>Development of Methodology in Landslide Susceptibility and Risk Studies: An approach towards Planning and Development of Darjeeling Himalaya</i>	Flood, Waterlogging and landslides	International Conference	BAPA-BEN Conference, DHAKA	12-13 January 2018
2	<i>Fluvial System Dynamics: An interaction between Components and variables</i>	Invitee speech as Resource Person		Dr. Meghnad Saha College, Itahar, North Dinajpur	12.03.2018.
3	<i>Plenary talk on Exploring Landslide Hazards in Darjeeling Himalaya: An Approach towards Planning and Development at Department of Geography, Aliah University.</i>	Geography as Spatial Science: Contemporary Issues and Challenges	Two-day National Seminar	Department of Geography, Aliah University	8-9 March 2019
4	<i>Scarcity of Water Resources in India: Issues and Challenges</i>	Invitee Speech as Resource Person		Fakirchand B.Ed. College. Diamond Harbour	24.09.2019.
5	Invitee speech on <i>Geospatial technology and Landslide Hazard Management: A study for planning and development</i>	Application of RS and GIS for Hazard Management	4 th Winter School – 2020 Sponsored by NRDMS, DST, Govt. of India	Department of Geography, The University of Burdwan,	14.01.2020
6	<i>Plenary Lecture on 'COVID-19 induced Lockdowns and Challenges of Livelihood in India'</i>	COVID-19 Pandemic, Economic Lockdowns and livelihood Challenges	International WEBNIAR	Department of Geography, Itahar College	17 July 2020.
7	<i>Plenary Talk on 'Realizing Geographical Knowledge in Hazard Management and Regional Planning: An insights from Darjeeling Himalaya'</i>	Geography as A Discipline: Opportunity and Challenges	International WEBINAR	Department of Geography, De wan Abdul Gani College	25 & 26 August 2020
8	<i>Invitee Speaker on Applied Geomorphology and land management: A perspective of changing fluvial environment</i>	Geography and Allied discipline: Future scopes and career opportunities	One day National level webinar	Department of Geography & IQAC Chatra Ramai Pandit Mahavidyalaya	15.09.2020
9	<i>Invitee Speech on Landslides Vulnerability and Risk in South Sikkim Himalaya, India</i>	Environment, Population and Development: Challenges and Opportunities	Two-Day International Webinar	Department of Geography, Malda Women's College	17-18 October 2020
11	<i>Key-note speech on 'Scarcity of Water Resources in India: Issues and Challenges'</i>	Contemporary Environmental Issues and Challenges from Multidisciplinary Standpoint: Sustainable Development at the Crossroads	One Day International Seminar	Department of Geography & IQAC Gazole Mahavidyalaya	19.12.2020

12	<i>Invitee speech on Fluvial processes, bank erosion hazards and livelihood vulnerability</i>	Online Special Lecture Series	Department of Geography, Cooch Behar College, West Bengal	9 th July 2021	
13	<i>Invitee speech on Commissioning of Farakka Barrage across the river Ganga and its responses to channel plan form and river bank erosion hazards in the upstream section</i>	<i>River and Changing Riverine Ecosystem</i>	Two-day International Webinar	Practicing Geographers	25-26 September, 2021
14	<i>Invitee Speech on "COVID 19, Economic lockdowns and livelihood challenges in rural areas"</i>	<i>COVID 19 and Livelihood Challenges</i>	State Level WEBINAR	Department of Geography, Raja N.L.Khan Women's College	03.01.2022

4. Research Projects:

Serial No.	Title of the Research Project(s)	Funding Agency	Date of Award	Duration of the Project	Research Grants Amount	Status of the Project
1.	<i>An Assessment of Agricultural Drought in Kangshabati Irrigation Command Area (KICA) of West Bengal: A step towards rational management of land and water</i>	UGC	March 2013	March 2013- August 2014	Rs. 1,40,000/-	Completed
2.	<i>An Assessment of Changing Course of the River Ganga and Bank Erosion Induced Socio-economic Impact on Human Fabric in Manikchak Diara of Malda District, West Bengal: A Spatio-temporal study for Ex-post Assistance to Erosion Victims</i>	ICSSR	F. No. 02/94/SC/2016-17/RP Date: 02.09.2016	2016-2020	Rs. 9,00,000/-	Completed

5. E-learning material, if any:

Course Details	Name of the Institution	Date/year of uploading	Quadrant I, II, III, IV	Link

6. Research Supervision (Ph.D./M.Phil.)

i. M. Phil. Supervision

Serial No.	Name of the student	Research Topic	Name of the institution	Date of Registration	Year of Award of the Degree
1	Mostafa Jamal	LANDSLIDE SUSCEPTIBILITY ANALYSIS IN AND AROUND MIRRIK TOWN OF DARJEELING HIMALAYA: A SEMI-QUANTITATIVE APPROACH	University of Gour Banga	-	13.07.2017
2	Subrata Mandal	SLOPE INSTABILITY ANALYSIS AND DELINEATION OF POTENTIAL LANDSLIDE SUSCEPTIBILITY ZONES OF THE BALASON RIVER BASIN IN DARJEELING HIMALAYA, WEST BENGAL	University of Gour Banga	-	13.07.2017

ii. Ph.D. Supervision

Serial No.	Name of the student	Research Topic	Name of the institution	Date of Registration	Year of Award of the Degree
1	Kabita Lepcha	A GEOGRAPHICAL APPRAISAL ON LANDUSE DYNAMICITY AND ITS IMPACT ON MOUNTAIN ENVIRONMENT IN CHHOTA RANGIT RIVER BASIN OF DARJEELING HIMALAYA, INDIA	University of Gour Banga	Regn.No.- 1622601 Date-March 2017,	November 15, 2021
2	Samrat Majumdar	HUMAN ADJUSTMENT TO QUASI-NATURAL SYSTEM DYNAMICS OF THE RIVER GANGA IN THE UPSTREAM OF FARAKKA BARRAGE: A STUDY ON MALDA DIARA REGION, WEST BENGAL	University of Gour Banga	Regn no.- 1622602 Date-March 2017,	March 15, 2021

3	Sourav Dey	GEOMORPHOLOGICAL DYNAMICS AND RIVER BANK EROSION VULNERABILITY OF THE RIVER Torsa IN DUARS AND TAL REGION, EASTERN INDIA: A GEOGRAPHICAL APPRAISAL	University of Gour Banga	Regn no.- 162264 Date-March 2017,	July 22, 2021
4	Kallol Sarkar	A GEO-SPATIAL OVERVIEW ON LANDSLIDE SUSCEPTIBILITY AND RISK IN SOUTHERN SIKKIM HIMALAYA, INDIA	University of Gour Banga	Regn no.- 1622611 Date-March 2017,	January 11, 2022
5	Kanu Mandal	AN ASSESSMENT OF MOUNTAIN SLOPE INSTABILITY IN THE RORACHU RIVER BASIN OF EASTERN SIKKIM HIMALAYA: A GEOGRAPHICAL APPROACH TO	University of Gour Banga	Regn no.- 1622603 Date-March 2017,	Submitted
6	Chaitali Roy	FLUVIAL MORPHODYNAMICS OF THE RIVER HUGLI BETWEEN JALANGI AND RUPNARAYAN CONFLUENCE, WEST BENGAL, INDIA	Diamond Harbour Women's University	DHWU/Ph.D./Geo/ 2019/2025	Pursuing
7	Mousumi Roy	GEOMORPHOLOGICAL STUDY OF THE SOBHA RIVER BASIN OF CHOTONAGPUR PLATEAU, INDIA: A STEP TOWARDS BETTER MANAGEMENT OF LAND AND WATER	Diamond Harbour Women's University	DHWU/Ph.D./Geo/ 2019/20	Pursuing
8	Moumita Dutta	GEOMORPHOLOGICAL DYNAMICS AND ITS IMPACT ON LIVELIHOOD IN THE KALJANI RIVER BASIN OF THE NORTHERN PLAIN REGION, INDIA	Diamond Harbour Women's University	Ph.D./Geo/2019/04	Pursuing
9	Monali Biswas	ASSESSMENT OF SALT WATER INTRUSION AND ITS IMPACT UPON FRESH WATER RESOURCE IN THE INDIAN SUNDARBANS	Diamond Harbour Women's University	DHWU/Ph.D./GEO/2022/0096	Pursuing
10	Riya Karmakar	COMMUNITY RESILIENCE TO FLOOD HAZARDS IN THE LOWER DAMODAR RIVER BASIN OF WEST BENGAL, INDIA	Diamond Harbour Women's University	DHWU/Ph.D./GEO/2022/0097	Pursuing
11	Madhurima Purkait	ASSESSMENT AND PREDICTION OF CARBON SEQUESTRATION IN TISTA RIVER BASIN OF EASTERN INDIA/INDIAN SUNDARBANS	Diamond Harbour Women's University	Enrolment No:-	Pursuing
12	Nabanita Bose	FLUVIAL PROCESSES AND CHANNEL MORPHODYNAMICS IN RAIDAK I RIVER OF EASTERN HIMALAYAN FOOTHILLS, INDIA	Diamond Harbour Women's University	Enrolment No:-	Pursuing

7. Programmes Conducted / Organised as Convenor / Organising Secretary at DHWU [Last Five Years]

Serial No.	Date	Name of the Programme	Sponsored By	Performed as
1	June 4, June 12, June 29 and July 4, 2018	Four Days World Environment Day Programme 2018 Theme: Beat Plastic Pollution	Diamond Harbour Women's University	Investigator
2	28 th June 2019	World Environment Day Programme 2019 Theme: Beat Air Pollution	Diamond Harbour Women's University	Convenor
3	Date: 23.07.2020	A WEBINAR for celebrating World Environment day 2020 Theme: BIO-DIVERSITY Topic: Conservation of bio-diversity and sustainability: Issues and challenges	Dept. of Geography Diamond Harbour Women's University	Convenor
4	Date: 25.06.2020	International YOGA Day Celebration	Diamond Harbour Women's University	Convenor
5	Date- 10 and 11 September 2020	A two-day International WEBINAR Innovations in Disaster Risk Reduction: Aiming towards a Resilient Society	Organized by the Department of Geography, Diamond Harbour Women's University & IGU Commission on Hazard and Risk	Convenor
6	Date-14, 21 & 24 September 2020	International Virtual Symposium (a WEBINAR series) Advances in Chemical Sciences	Organized by the Department of Chemistry, DHWU & Royal Society of	Organizing Chairman

			Chemistry	
7	16 th September 2021.	National Level Webinar Geospatial Technology Applications organized	Department of Geography, DHWU in collaboration with ISRS Kolkata Chapter	General Chairperson

8. Other Relevant Information, if any:

i. Awards/achievements

1. Received 'SIKSHARATNA AWARD 2019' from the Department of Higher Education, Government of West Bengal during the state level 'Teacher's Day' celebration programme on the 5th of September, 2019 at Netaji Indoor Stadium, Kolkata.
2. 'Certificate of Reviewing Award' May 2017 by the Editors of GEOSCIENCE FRONTIERS, Elsevier, Amsterdam, The Netherlands.
3. Enlisted in AD Scientific Index 2023 World Scientist Ranking as an outstanding researcher according to total H index.

ii. Assignment details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]:

- Life member of Indian Journal of Geomorphology, Allahabad.
- Life member of Institute of Science, Education and Culture (ISEC, Kolkata).
- Member of the Editorial Board of the Journal Spatial Information Research (Springer)
- Member of PG BOS in the Department of Geography, University of Burdwan.
- Member of PGBOS in the Department of Geospatial Science, University of Burdwan.
- Member of UGBOS in the Department of Geography, Sidhoo-Kanhoo-Birsha University, Purulia
- Member of PGBOS in the Department of Geography, Sidhoo-Kanhoo-Birsha University, Purulia
- Member of BORS in the Department of Remote Sensing & GIS, Vidyasagar University
- Linked with various Universities of West Bengal i.e. University of Gour Banga, Vidyasagar University, Calcutta University, Burdwan University, Barasat State University, Sidho-Kanhoo-Birsha University, and Aliah University as paper setters, moderators, and evaluators of practical examinations, dissertation projects, M.Phil. Dissertation Project and Ph.D. Thesis.

iii. Summary of total publications, presentation and supervision since 2010

Papers Published in Scopus/Web of Science Indexed/UGC Approved Journals	75
Peer Reviewed Publications (including book chapters /conference proceedings)	75
Books/Monographs Publications	05
Articles Published	80
h-Index	18
i10-index	28
Citations (Google Scholar)	1072
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Sd/-
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