



CURRICULUM VITAE

- Name:** **Dr. SujitMandal**
- Designation:** **Professor and Head, Dept. of Geography,**
Diamond Harbour Women's University, Sarisha-743368
[Former Professor and Head, Dept. of Geography
University of GourBanga, Malda, West Bengal-732103]
- Permanent Address:** Vill: Harindanga (Helegachhi)
C/O: Late DhirendranathMandal
P.O.: Chaberia.
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- Mailing Address:** Vill: Harindanga (Helegachhi)
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- Official Address:** Department of Geography
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Sarisha, DH Road, 24 Parganas (South)
West Bengal-743368
- Nationality:** Indian

7. Academic Qualification:

| Sl. No. | Examinations | Board/council/college/University | Year of Passing |
|---------|------------------|---|--------------------------|
| 1. | Madhyamik | WBBSE | 1992 |
| 2. | Higher secondary | WBCHSE | 1994 |
| 3. | B.Sc. | Calcutta University, Asutosh College | 1997 |
| 4. | M.Sc. | Calcutta University, Ballygunge Science College | 1999 |
| 5. | SLET | West Bengal College Service Commission | 2001 |
| 6. | Ph.D. | Vidyasagar University | Date of award-15/07/2013 |

8. Details of Employment in College and University:

| Name of the Employer | Name of the Post | Duration | Experience | Scale of pay |
|---|----------------------------------|--------------------------|---------------------------|--------------------------|
| Principal, Raja N.L.Khan Women's College. | Assistant Professor of Geography | 03.06.2005 to 16.09.2014 | Nine (9) years and above. | Rs.15600/- Rs.39,100/ |
| Registrar, GourBangaUniversiy, Malda | Associate Professor of Geography | 17.09.2014 to 14.09.2015 | One year | Rs. 37,400/- 67,000/- |

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|---|------------------------------------|--------------------------|-------------------|---|
| Registrar, University of GourBanga | Professor of Geography [open post] | 15.09.2015 to 30.10.2017 | 3 years and above | Rs. 37,400/- 67,000/- with AGP 10,000/- |
| Registrar, Diamond Harbour Women's University | Professor of Geography [open post] | 31.10.2017 | Till date | Rs. 37,400/- 67,000/- with AGP 10,000/- |

9. Teaching Experience:

| Name of the Institution | Position Held | Duration |
|--|---------------------|--------------------------|
| Raja N. L. Khan Women's College, Midnapore | Assistant Professor | Nine (9) Years and above |
| Raja N. L. Khan Women's College, Midnapore [NetajiSubhas Open University Post Graduate Department of Geography Study Centre] | Guest Faculty | 5 years [2009-2014] |
| University of GourBanga, Malda | Associate Professor | 17.09.2014 to 14.09.2015 |
| University of GourBangam, Malda | Professor | 15.09.2015 to 30.10.2017 |
| Diamond Harbour Women's University | Professor | 31.10.2017 to till date |

10. PUBLICATIONS

a) Publications in National and International Journals

Mandal and Maiti (2012) Application of AHP in Landslide Susceptibility Mapping of Shivkhola Watershed of Darjiling, West Bengal, *Journal of the Indian Society of Remote Sensing*, [Springer] VOL.40 (3). PP-483-496

Mandal and Maiti (2012) Application of RS and GIS based semi-quantitative approach in Landslide Hazard Risk Assessment of the Shivkhola Watershed, Darjiling Himalaya, *Geo Risk: Assessment and Management of Risk for Engineered Systems and Geohazards (TAYLOR & FRANCIS)*, VOL. 6 (4), 203-220

Mandal and Maiti (2012) Prioritization of Sub-Watershed in Shivkhola Basin, Darjiling, West Bengal-A Cognitive Approach for Spatial Distribution of Slope Instability, *Indian Journal of Geomorphology (IGI)*, VOL.15 (1-2) 39-56

Mandal and Maiti (2013) Integrating the Analytical Hierarchy Process (AHP) and the Frequency Ratio (FR) Model in Landslide Susceptibility Mapping of Shiv-khola Watershed, Darjeeling Himalaya, *International Journal of Disaster Risk Science (SPRINGER)*, VOL.4 (4), 200-212

Mandal and Maiti (2011) Comparative Study between Multiple Criteria Evaluation Approach (MCEA) and Analytical Hierarchy Process (AHP) in Landslide Susceptibility Mapping of Shivkhola Watershed, Darjiling Himalaya, *Geographical Review of India. Vol.73 (2) pp. 188-205*

Mandal, S. (2011) RS and GIS based Ground Water Potential Mapping of Kangshabati Irrigation Command Area, West Benga, *International Journal of Geography and Natural Disaster*, Vol. 1, Issue 1, DOI:10.4172/ignd.1000104

Mandal and Maiti (2011) Estimation of Surface Run-off to Analyze Slope Instability in Shivkhola Watershed, Darjiling Himalaya, *Indian Journal of Power and River Valley Development*, VOL.61 (3& 4), 57-66

Mandal and Maiti (2013) Assessing the Triggering Rainfall-Induced Landslip Events in the Shivkhola Watershed of Darjiling Himalaya, West Bengal, *European Journal of Geography*. Vol. 4 (3): 21-37

Mandal, S. (2014) Hypsometric analysis and assessment of the stages of landform development: a case study of the shivkhola watershed, Darjeeling himalya, *International Journal of Research in Commerce, IT, Engineering and Social Sciences (IJRCIESS)*, VOL. 1 (5): 57-63

Mandal, S. (2015) Upslope Contributing Area, Topographic Wetness and Landsliding: A Case study of the Shivkhola Watershed, Darjiling Himalaya, *International Research Journal of Earth Science*. Vol. 3(7): 23-29

Mandal and Maiti (2015) Assessing Cohesion, Friction Angle and Slope Instability in the Shivkhola Watershed of Darjiling Himalaya, *International Research Journal of Earth Science*. Vol. 3(8): 1-10

Mondal and Mandal (2015) Assessment and Prediction of Slope Instability in the Lish River Basin of Eastern Darjiling Himalaya using RS and GIS, *International Research Journal of Earth Science*. Vol. 2 (2): 33-47

Mandal, S. and Maiti, R.(2015) Application of Frequency Ratio Model in Landslide Susceptibility Zoning of the Shivkhola Watershed, Darjiling Himalaya, *Indian Journal of Geography and Environment*. Vol.14, 16-68

Mandal, S. (2016) Situational analysis of agriculture in Kangshabati Irrigation Command Area, West Bengal: An observation to the issues and challenges, *International Journal of Basic and Applied Agricultural Research*. Vol.14 (3): 267-278

Mandal and Maiti (2012) An assessment of human intervention induced slope instability: A case study of the Shiv-khola Watershed of Kurseong Sub-division, Darjiling Himalaya, *Asian Studies*. VOL. 15 (2), 69-85

Mandal, S. (2016) Research Progress of Landsliding in the Shivkhola Watershed, Darjiling Himalaya, *European Journal of Geography*, Volume 7, Number 2: 21-47.

Jamal, M. and Mandal, S. (2016) Monitoring forest Dynamics and Landslide Susceptibility in the Mechi-Balason Interfluvium of Darjiling Himalaya using Forest Canopy Density Model (FCDM) and Landslide Susceptibility Index Model (LSIM), *Modelling Earth System and Environment*, **SPRINGER**, VOL. 2:184, PP-1-17

Mondal and Mandal (2016) Assessment of Mountain Slope Instability in the Lish River Basin of Eastern Darjiling Himalaya Using Frequency Ratio Model, *Modeling Earth System and Environment*, (**SPRINGER**) VOL.2:121, pp-1-14

Mandal and Maiti (2013) A Factor-based approach in Landslide Mapping of the Shiv-khola watershed of Kurseong Sub-division of Darjiling, West Bengal, *Indian Science Cruiser*, VOL. 27 (2), 19-26

Mandal, S. (2012) A RS and GIS based analysis of paddy culture under deficit and excess rainfall condition in Kangshabati Irrigation Command Area, West Bengal, *Indian Science Cruiser*, Vol. 26 (3), 54-60

Mandal and Maiti (2010) An Analysis of Soil-moisture Condition and Slope Vulnerability in Shiv-khola Watershed, Darjiling, West Bengal, *Indian Science Cruiser*, VOL.24 (4), 52-56

Mandal and Maiti (2011) A Remote Sensing and GIS Based Landslide Hazard Risk Assessment of Shiv-khola Watershed, Darjiling Himalaya, *Indian Science Cruiser*, VOL.25 (1), 21-27

Mandal, S. (2015) Assessment of Agricultural Productivity in Kangshabati Irrigation Command Area (KICA), West Bengal, *Indian Science Cruiser*. Vol. 29 (1), 11-16

Sarkar, K. and Mandal, S. (2015) Road Transport Connectivity Pattern & Economic Development in C.D. Blocks of PaschimMedinipur District, West Bengal, *Indian Science Cruiser*, VOL. 29 (3), 34-41

Mandal, J., Debanshi, S. and Mandal, S. (2016) Dynamicity of the River Ganga and Bank Erosion Induced Land Loss in ManikchakDiara of Malda District of West Bengal, *International Journal of Applied Remote Sensing and GIS*, VOL. 3 (1): 43-56

Mandal, S. (2016) Geomorphic Threshold and Landsliding in Paglajhora Sinking Zone, Darjiling Himalaya, *International Journal of Research in Geography*. VOL.2 (1): 1-13

Mandal, S. (2013) An Assessment of Agricultural Drought in Kangshabati Irrigation Command Area, West Bengal. *International Journal of Geology, Earth and Environment Science*, VOL.3(1), pp. 140-148

Mandal, S. (2012) Application of a RS & GIS based semi-quantitative approach in Ground Water Potential Mapping of Kangshabati Irrigation Command Area (ICA), West Bengal. *International Journal of Geology, Earth and Environment Science*, VOL.2 (3),

Mandal and Maiti (2012) Application of 1-D Slope stability model in landslide susceptibility mapping of Shivkhola Watershed, Darjiling Himalaya. *International Journal of Geology, Earth and Environment Science*, VOL. 2 (2), 34-50

Mandal and Maiti (2014) Role of Lithological Composition and Lineaments in Landsliding: A Case Study of Shivkhola Watershed, Darjiling Himalaya. *International Journal of Geology, Earth and Environment Science*, VOL. 4 (1): 126-132

Mandal, S. (2015) Preparedness and Mitigation Measures to combat agricultural drought in Kangshabati Irrigation Command Area of West Bengal, India. *Research Journal of Agriculture and Forestry Sciences*, **International Science Congress Association**. Vol. 3 (10), 1-8

Mandal, S. (2015) A Comprehensive Review on Paglajhora Sinking Zone Landslides in the Shivkhola Watershed of Darjiling Himalaya. *International Journal of Geology, Earth and Environment Science*, VOL. 5 (2):156-170

Mondal and Mandal (2017) RS & GIS-based landslide susceptibility mapping of the Balason River basin, Darjeeling Himalaya, using logistic regression (LR) model. *Geo Risk*:

Assessment and Management of Risk for Engineered Systems and Geo-hazards(**Taylor and Francis**), DOI:10.1080/17499518.2017.1347949

Mondal and Mandal (2017) Application of Frequency Ratio (FR) Model in Spatial Prediction of Landslides in the Balason River Basin of Darjiling Himalaya, *Spatial Information Research*[**Springer**], VOL. 25 (3) PP-337-350. DOI: 10.1007/s41324-017-0101-y

Mondal and Mandal (2017) Landslide susceptibility mapping using Modified Information Value Model in the Lish River Basin of Darjiling Himalaya. *Spatial Information Research*[**Springer**], VOL. 25 (2), 205-218. DOI: 10.1007/s41324-017-0096-4

Mondal and Mandal (2017) Bivariate Statistical for Landslide Susceptibility mapping in the Rorachu River Basin of Eastern Sikkim Himalaya, India. *Spatial Information Research*, [**Springer**] 10.1007_s41324-017-0156-9

Mandal, S. (2017) Assessing the Instability and Shifting Character of the River Bank Ganga in ManikchakDiara of Malda District, West Bengal using Bank Erosion Hazard Index (BEHI), RS & GIS. *European Journal of Geography*, Volume 8, Number 4: 6-25

Mondal and Mandal (2017) Modelling and Mapping Landslide Susceptibility Zones Using GIS based Multivariate Binary Logistic Regression (LR)Model in the Rorachu River Basin of Eastern Sikkim Himalaya, India. *Modeling Earth System and Environment*[**Springer**] 10.1007_s40808-018-0426-0

Maiti and Mandal (2018) Identification of ground water potential zones of the Kumari River Basin, India: A RS & GIS based semi-quantitative approach. *Environment, development and Sustainability*, [**Springer**] 10.1007_s10668-017-0072-0

Saha and Mandal (2018) Support Vector Machines in Monitoring Land Use Dynamicity and Temporal Variation of Land Surface Temperature in Kurseong, Darjilling Himalaya. *Modeling Earth System and Environment*[**Springer**] doi.org/10.1007/s40808-018-0430-4

Mondal and Mandal (2018) Landslide Susceptibility and Element at Risk: A Micro-level Study from the Balason River Basin of Darjiling Himalaya, *Arabian Journal of Geosciences*[**Springer**]. DOI: 10.1007/s12517-018-3538-y

b) Publication Other than Journal Articles [Chapter in Book]

1. Mandal, S. (2016) Assessment and Prediction of Slope Instability in the Shivkhola Watershed of Darjiling Himalaya using Frequency Ratio Model: An Integrated Approach towards site specific management of the Hill Slope, *Geo-anthropogenic Environment: An Appraisal*, ISBN: 978-93-85022-73-9

2. Mandal, S. and Maiti, R. (2012) Perception Based Recommended Landslide Mitigation for Slope Stabilization in the Shivkhola Watershed, Darjiling Himalaya, *Social Dimension of Hazard Management*, ISBN- ISBN: 81-87500-71-9

3. Mondal, B. and Mandal, S. (2016) A Comparative study between weighted overlay model (wom) and frequency ratio model (FRM) to assess Landslide Susceptibility in the Lish River

Basin of Eastern Darjiling Himalaya, *Environmental Degradation and Disaster: A vision plan for sustainable development*, ISBN:978-93-80736-25-9

c) Details of Published Book:

| S. No. | Title with page number | Type of Book/ and Authorship | Publisher ISBN/ISSN/ Categorization & | Status |
|--------|--|------------------------------|--|--|
| 1. | Semi-quantitative Approaches for Landslide Assessment and Prediction | Text/Reference Books | SPRINGER Science and Business Media, Singapore. ISBN-13:978-9812871459 ISBN-10:9812871454 | <u>Published February 2015</u> |
| 2. | Statistical Approaches for Landslide Susceptibility Assessment and Prediction | Text/Reference Books | SPRINGER Science and Business Media, | <u>All the Chapters Submitted</u> <u>Under Review</u> |

11.DETAILS OF RESEARCH

a) RESEARCH PROJECTS

| S.No | Title | Agency (Funding, Commissioning and/or Collaborating) | Period | Grant(s)/ Amount mobilized (so far) in Rs. (Lakhs) | Whether Principal Investigator/ Co-investigator or Consultant/Quality evaluator |
|------|--|--|------------------------------|--|---|
| 1 | “An Assessment of Agricultural Drought in Kangshabati Irrigation Command Area (KICA) Of West Bengal: A step towards rational management of land and water.” [Completed] | UGC | March, 2013 to August, 2014. | Rs. 1,40,000/- | Principal Investigator |
| 2 | An Assessment of Changing Course of the River Ganga and Bank Erosion Induced Socio-economic Impact on Human Fabric in ManikchakDiara of Malda District, West Bengal: A Spatio-temporal study for Ex-post Assistance to Erosion Victims [Ongoing] | ICSSR F. No. 02/94/SC/ 2016-17/RP | 02.09. 2016 | Rs. 9,00,000/- | Principal Investigator |

b]M. Phil. Guidance:

| Name | Qualification | Title of the work | Status |
|----------------------------------|---------------------------|---|----------------|
| Mostafa Jamal (M. Phil. Scholar) | M.Sc. [UGC NET-JRF, 2014] | Landslide Susceptibility Analysis in and around Mirrik Town of Darjeeling Himalaya: A semi-quantitative approach | AWARDED |
| SubrataMandal (M.Phil. Scholar) | M.A. [UGC NET, JRF 2014] | Slope instability analysis and delineation of potential Landslide Susceptibility Zones of the Balason River Basin in Darjeeling Himalaya, West Bengal | AWARDED |
| Md. Hasanuzzaman | M.A. UGC NET | An assessment of changing character of meander morphology of the Raidak-I River in Eastern Himalayan Foothill: A Geographical overview | Pursuing |
| DebkumarMaiti | M.Sc. UGC NET (JRF) | A Study on Ground Water Prospect of the Kumari River Basin, West Bengal: | Pursuing |
| Chaitali Roy | M.A.(UGC NET) | Channel Adjustment in Active Gangetic Alluvial Plain of Bengal Basin: A case study of the Bhagirathi-Hoogly River stretching from Nabadwip to Klyani | Pursuing |
| AnikSaha | M.A.(NET) | Identification of Suitable Sites for Human Settlement in Kurseong Town and its Surrounding hill slope of Darjiling Himalaya | Pursuing |

C] Ph.D. Guidance:

| Name of the Ph.D. candidates | Topic of the research | Status |
|------------------------------|---|----------|
| KabitaLepcha | A GEOGRAPHICAL APPRAISAL ON LANDUSE DYNAMICITY AND ITS IMPACT ON MOUNTAIN ENVIRONMENT IN CHHOTA RANGIT RIVER BASIN OF DARJEELING HIMALAYA, INDIA | Pursuing |
| SamratMajumdar | 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 | Pursuing |
| KanuMandal | AN ASSESSMENT OF MOUNTAIN SLOPE INSTABILITY IN THE RORACHU RIVER BASIN OF EASTERN SIKKIM HIMALAYA: A GEOGRAPHICAL APPROACH TOWARDS ITS MANAGEMENT | Pursuing |
| SouravDey | GEOMORPHOLOGICAL DYNAMICS AND RIVER BANK EROSION VULNERABILITY OF THE RIVER TORSIA IN DUARS AND TAL REGION, EASTERN INDIA: A GEOGRAPHICAL APPRAISAL | Pursuing |
| Kollol Sarkar | A GEO-SPATIAL OVERVIEW ON LANDSLIDE SUSCEPTIBILITY AND RISK IN SOUTHERN SIKKIM HIMALAYA, INDIA | Pursuing |

12. a) DETAILS OF ORAL PRESENTATION OF PAPERS/INVITEE LECTURE IN SEMINAR AND CONFERENCES IN UNIVERSITIES/COLLEGES:

| S. No. | Title of the Presented Paper | Title of Conference / Seminar | Organized by | Whether International / National/State/Regional/ University/College level |
|--------|---|--|---|---|
| 1 | Presented on “Metastable Equilibrium through Self-organised Internal Feedback in the System of Mining Induced Hill Slope Evolution at Darjiling.” | “Poverty and Development in South Asia” | January 11 th -13 th , 2007. University of Calcutta. | <u>International Seminar</u> |
| 2 | Presented on “An Analysis of Landslide Susceptibility of Shivkhola Watershed, Darjiling.” | 22 nd IGI Conference and “Man-Environment Relation: A Vision Plan for Green Earth” | October 29 th -31 st , 2009 University of Allahabad. | <u>National Seminar</u> |
| 3 | Presented on “Spatial Distribution of Slope Instability in the Basin Hierarchy of Shivkhola Watershed, Darjiling Himalaya.” | “Regional Environmental Problems and Societal Development.” | February 24-25, 2010. Vidyasagar University. | <u>National Seminar</u> |
| 4 | Presented on “Slope Instability of Shivkhola Watershed, Darjiling.” | “Sustainable Development & Disaster Management.” | March 27-28, 2010. RabindraBharati University. | <u>National Seminar</u> |
| 5 | Presented on “Landslide Zonation in Shivkhola Watershed of Darjiling, West Bengal.” | “Modern Perspective of Resource Management” | February 10, 2010. Hijli College, Kharagpur. | <u>State Level Seminar</u> |
| 6 | Presented on “A Critical Analysis of Geomorphic Threshold and the Prediction of Landslide Hazard Risk of Shivkhola Watershed, Darjiling.” | 23 rd IGI Conference on “Global Environmental Change: Geomorphological Issues & Challenges” | November 20-22, 2010. Gauhati University | <u>National Seminar</u> |
| 7 | Presented on “Landslide Susceptibility with respect to Threshold Slope Angle: A case study of Shivkhola Watershed, Darjiling Himalaya.” | “Natural Resource Management” | March 10-11, 2011 University of Calcutta | <u>National Seminar</u> |
| 8 | Presented on “Development of consistent couple comparing matrix in Landslide Susceptibility Mapping of Shivkhola Watershed, Darjiling Himalaya.” | “Coastal Dynamics and Geomorphology” | October, 2011 Anna University, Department of Geology, Chennai, Tamilnadu. | <u>National Seminar</u> |
| 9 | Presented on “A Geo-technical study of slope instability in Shivkhola Watershed of Darjiling Himalaya, West Bengal.” | “Resource and Development” | November, 2011 Burdwan University, Department of Geography. | <u>National Seminar</u> |
| 10 | Presented on “Landslide Zonation in the Shiv-khola watershed of Kurseong Sub-division of Darjiling, West Bengal: A Factor Based Approach.” | “Social Dimension on Hazard Management” | November 04-05, 2011 Hijli College, Department of Geography. Kharagpur (West Bengal). | <u>National Seminar</u> |
| 11 | A Critical Analysis of Landslide in the Shivkhola Watershed of Darjiling Himalaya, West Bengal. | UGC Sponsored National Seminar on “Resource Assessment, Sharing and | 19-20 th March, 2012. Vidyasagar University, Midnapore. | <u>National Seminar</u> |

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| | | Management: Crisis and Conflict”, 2012 | | |
| 12 | Integration Between Analytical Hierarchy Process and Frequency Ratio Model in Landslide Susceptibility Mapping of the Shivkhola Watershed, Darjiling Himalaya. | “Society, Economy & Development: Issues and Challenges, 2013” | March 19-20, 2013. Department of Sociology, Geography, Haldua Govt. College. | National Seminar |
| 13 | Application of a semi-quantitative approach to assess slope Instability in a Representative Mountain Basin using Geo-technical Parameters. | 35 th Indian Geographers Meet and International Conference, 2013. | November 11-13, 2013. Department of Geography, Burdwan University. | International Conference |
| 14 | Evaluating Landslide Hazard and Risk in the Shivkhola Watershed of Darjiling Himalaya, West Bengal. | UGC-DEB Sponsored National Seminar on “Understanding Hazards and their Mitigation Options” | March 28-29 th , 2014. School of Science, NSOU Kolkata. | National Seminar |
| 15 | Analyzing Drainage System Morphometric Anomaly for Hierarchical Arrangement of Sub-watersheds in Darjeeling Himalaya, West Bengal: An Implication to mountain slope instability | International Seminar on “Fluvial Processes and Anthropogenic Foot Print” | March 11 -12 th , 2016 Department of Geography, University of GourBanga | International Seminar |
| 16 | Ratio Model and Mountain Slope Instability in the Lish River Basin of Eastern Darjiling Frequency Himalaya using RS & GIS | UGC Sponsored National Seminar on ‘Natural Resource Management and Geoinformatics’ | 8 th and 9 th April, 2016 | National Seminar |
| 17 | A Comparative Study between weighted overlay model and frequency ratio model to assess landslide susceptibility in the Lish River Basin of Eastern Darjiling Himalaya | UGC Sponsored National Seminar on ‘Environmental Degradation and Disasters: A vision plan for sustainable development’ | 25 th & 26 th August, 2016 Department of Geography, Cooch Behar College | National Seminar |
| 18 | An Assessment of Changing Course of the River Ganga and its Response to Land loss in the Upstream of FarakkaBarriage, West Bengal using RS & GIS | International Seminar on ‘Changing Geo-environmental Processes and Societal Adjustment’ | August 30, 2016 Department of Geography, University of GourBanga | International Seminar |
| 19 | An investigation on the changing character of gully slope morphometry in the lateritic topography of GanganirDanga, West Bengal | 1 st Regional Science and Technology Congress-2016 7 th and 8 th November, 2016 | Department of Science and Technology, Govt. of West Bengal | Regional Level/State Level |
| 20 | Understanding Meandering Architecture and its Adjustment in the Active Gangetic Plain of West Bengal, India | International Seminar on ‘Earth System Processes and Interruption: Issues and Challenges’ | 19-20 April, 2017 Department of Geography, University of GourBanga | International Seminar |
| 20 | River Dynamics and Changing Land use Character in the Upstream of FarakkaBarriage, West Bengal | UGC Sponsored National Seminar Seminar | RabindraBharati University, Kolkata | National Seminar (Invitee Lecture) |
| 21 | Management of Water Resources: Issues and Challenges | World Environment Day Celebration by NSS UNIT-II, University of GourBanga, Malda | June 5, 2017 University Conference Hall | (Invitee Lecture) |

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| 22 | Adjustment of the River Ganga to Quasi-Natural Processes and Bank Erosion Problem induced Land use dynamicity in the upstream of FarakkaBarriage, West Bengal | UGC-DEB Sponsored National Seminar on 'Environmental Management with the application of GIS and Geoinformatics' | Organized by School of Sciences, NetajiSubhas Open University, 9 TH September, 2017 | National Seminar |
| 23 | Development of Methodology in Landslide Susceptibility and Risk Studies: An approach towards Planning and Development of Darjeeling Himalaya | BAPA-BEN Conference, DHAKA | 12-13 JANUARY 2018 | International Conference (Invitee Speaker) |
| 24 | Fluvial System Dynamics: An interaction between Components and variables | Special Lecture, Dr. MeghnadSaha College, Itahar, North Dinajpur | 12.03.2018 | Invitee Speaker |

b) Details of Participation in Seminar and Conferences in Universities/Colleges

1. UGC Sponsored National Seminar on "Women and applied Ethics"-Dept. of Philosophy in 2006.
2. UGC Sponsored National Seminar on "Design and Analysis of Graph Algorithms" Department of Mathematics-2012.
3. UGC Sponsored National Seminar on "Research Methodology in Higher Education"- Vidyasagar University Research Scholars' Association-2013
4. National Level Seminar on "System of Governance in Higher Education" –Department of Political Science, Midnapore College, 2012.
5. National Level Seminar on "Higher Education in India: 12th Five Year Plan"- Department of Economics, Midnapore College, 2013.
6. Regional Level Workshop on "API/PBAS for Promotion of College Teachers and Librarians under Career Advancement Scheme", K.D. College of Commerce and General Studies, March, 2014.
7. One day Workshop on "Preparation of SSR (Self Study Report) for Assessment and Accreditation" under Internal Quality Assurance Cell, University of GourBanga on 8th August, 2015 organized by IQAC, UGB, and Malda.

13. PROFESSIONAL TRAINING COURSES COMPLETED

- **UGC Sponsored Refresher Course:** 7th-28th September, 2008 with grade 'A' organized by the Dept. of Geography, Calcutta University and Academic Staff College, University of Calcutta, West Bengal.
- **UGC Sponsored Orientation Programme:** 3rd December -31st December, 2012 with grade 'A' organized by Academic Staff College, Jadavpur University, Kolkata, West Bengal.
- **DST Sponsored Programme:** 30th April to 22nd July, 2016 Eight Weeks Certificate Course on **Remote Sensing and GIS** organized by Department of Science and Technology, West Bengal (Pursuing).

14. DETAILS OF THE PROGRAMME ORGANIZED

| Name of the Programme | Topic of the programme | Performed as |
|----------------------------------|---|----------------------|
| 1. National seminar | ‘Social well-being: Issues and Challenges in India’, January 2015, Department of Geography, University of GourBanga | Organizing secretary |
| 2. Three Days Workshop | ‘Methodology of Fluvial Research and Software Handling’ April 2015, Department of Geography, University of GourBanga | Coordinator |
| 3. Two-Day International Seminar | International Seminar on ‘Fluvial Processes and Anthropogenic Foot Print’ March 11 -12 th , 2016 Department of Geography, University of GourBanga | Convener |
| 4. One Day International Seminar | Geomorphological Processes and Societal Adjustment August 2016, University of GourBanga | Convener |
| 5. Two Day International Seminar | Earth System Processes and Interruptions: Issues and Challenges, University of GourBanga 19-20 April, 2017 | Convener |

15. MEMBERSHIP OF LEARNED SOCIETIES:

A) Life member of Indian Journal of Geomorphology, Allahabad.

B) Life member of Institute of Science, Education and Culture (ISEC, Kolkata).

16. ADMINISTRATIVE AND ACADEMIC RESPONSIBILITIES PERFORMED

The following administrative and academic duties in Colleges and University:

- A) NSS Coordinator during the session 2005-2006, Raja N. L. Khan Women’s College.
- B) Member of Organizing Committee in the Workshop on “Under Graduate Syllabus” in 2007 Organized by the Dept. of Geography, Raja N.L.Khan Women’s College.
- C) **Secretary of Co-operative Credit Society Limited**, Raja N.L.Khan Women’s College, from 01.04.2012 to 16.09.2015.
- D) 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.
- E) **Organizing Secretary** of the Seminar organized by the Department of Geography on 07.01.2015, University of GourBanga.
- F) **Chairman of BOS**, Under Graduate Level, University of GourBanga
- G) **Chairman of BOS**, Post Graduate Level, University of GourBanga
- H) **CONVENER of BRS**, University of GourBanga
- I) **Coordinator**, Three Days Workshop on ‘Methodology of fluvial research and software handling’, April 2015, Department of Geography, University of GourBanga.
- J) **Convener**, Two-Day International Seminar on “Fluvial Processes and Anthropogenic Foot Print” March 11-12, Department of Geography, University of GourBanga
- K) **Convener**, One Day International Seminar on ‘Geo-environmental Processes and Societal Adjustment’ August 30, 2017.
- L) **Convener**, Two-Day International Seminar on ‘**Earth System Processes and Interruptions: Issues and Challenges’ 19-20 April, 2017**
- M) **Member of Court and Council**, University of GourBanga
- N) **Administrator**, Samsi College, Malda
- O) **Coordinator, Malda District Gazetteers 2017**
- P) **Joint Convener**, UG Part-I & II (Hons& Gen) Examination, 2017
- Q) Member of the **IQAC** Auxiliary Committee, UGB
- R) Registrar (a/c), University of GourBanga

I declare that all the above mentioned statements are true to the best of my knowledge and belief.

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