

# Mousumi Roy

<i>Designation</i>	State Aided College Teacher
<i>Name Of The Department</i>	Geography
<i>Address</i>	844,Talpukur Road Subhasnagar Sarsuna Kolkata-700061
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<i>Contact No.</i>	9831724177
<i>Educational Qualification</i>	M.Sc
<i>Specialization</i>	Geomorphology of Humid Tropics
<i>Total Teaching Experience (In Years)</i>	9
<i>Courses Taught</i>	UnderGraduate PostGraduate
<i>Research Experience (In Years)</i>	5
<i>Minor Research Project</i>	NA
<i>Participation In Conferences, Symposias And Workshops</i>	<ul style="list-style-type: none"><li>• INTERNATIONAL CONFERENCE ON DIMENSIONS OF DEVELOPMENT AND RESOURCE CONSERVATION(DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALCUTTA) GEOMORPHOLOGY OF CHUKSAR ISLAND, HUGLI ESTUARY, WEST BENGAL MARCH 10-12, 2012(Poster Presentation)</li><li>• 27<sup>th</sup> ANNUAL CONFERENCE OF THE INDIAN INSTITUTE OF GEOMORPHOLOGISTS(IGI)AND NATIONAL CUM INTERNATIONAL SEMINAR ON GEOMORPHOLOGY AND GEOSPATIAL TECHNOLOGY IN ENVIRONMENT MANAGEMENT AND SOCIETAL</li></ul>

DEVELOPMENT(DEPARTMENT OF GEOGRAPHY AND ENVIRONMENT MANAGEMENT AND DEPARTMENT OF REMOTE SENSING AND GIS, VIDYASAGAR UNIVERSITY) QUANTIFYING THE SPATIAL ASSOCIATION OF VULNERABILITY AND PROTECTION MEASURES OF COASTAL SAND DUNES: A CASE STUDY OF WEST BENGAL COAST, BAY OF BENGAL, INDIA, NOVEMBER 14-17, 2014(Paper presentation)

- SEMINAR SERIES 2014(DEPARTMENT OF GEOGRAPHY) PRESIDENCY UNIVERSITY, ALL FIELDS OF GEOGRAPHY, DECEMBER 11-12, 2014, DECEMBER 22-23, 2014(Participation)
- INTERNATIONAL CONFERENCE ON URBANISATION AND REGIONAL SUSTAINIBILITY(47<sup>th</sup> ANNUAL SEMINAR OF REGIONAL SCIENCE ASSOCIATION,INDIA)(ORGANISED BY DEPARTMENT OF GEOGRAPHY,UNIVERSITY OF CALCUTTA) ENVIRONMENTAL CRITICALITY INDEX BY USING TM/ETM DIGITAL DATA:A CASE STUDY OF SOBHA WATERSHED,PURULIA, JANUARY 28-30,2016(Paper presentation)
- UGC SPONSORED NATIONAL SEMINAR ORGANISED BY DEPARTMENT OF GEOGRAPHY & APPLIED GEOGRAPHY (UNIVERSITY OF NORTH BENGAL) SPATIO-TEMPORAL EVALUATION OF ENVIRONMENTAL CRITICALITY INDEX BY USING TM/ETM+

DIGITAL DATA :A CASE STUDY OF SOBHA WATERSHED, WEST BENGAL AND JHARKHAND, FEBRUARY 2-3, 2016 (Paper presentation)

- UGC SPONSORED STATE LEVEL SEMINAR ON "SUNDARBANS- THE ENDANGERED ECOSYSTEM" PARTICIPATION OF PEOPLE TO REDUCE ENVIRONMENTAL VULNERABILITY: A CASE STUDY OF NAYACHARA ISLAND, SUNDARBANS, FEBRUARY 6, 2016
- UGC SPONSORED NATIONAL SEMINAR ON "ENVIRONMENTAL DEGRADATION AND DISASTERS: A VISION PLAN FOR SUSTAINABLE DEVELOPMENT, FLOOD RISK ASSESSMENT OF SHILABATI RIVER BASIN USING REMOTE SENSING AND GIS TECHNIQUES (AUGUST 25-26, 2016 (Paper presentation)
- 29<sup>TH</sup> CONFERENCE OF THE INDIAN INSTITUTE OF GEOMORPHOLOGISTS (IGI) APPLICATION OF SCS CURVE NO. IN RUNOFF BASED FLOOD RISK ASSESSMENT USING REMOTE SENSING AND GIS TECHNIQUES- A CASE STUDY ON SHILABATI RIVER BASIN (NOVEMBER 24-27, 2016 (Paper presentation)
- National seminar on environmental issues, ASSESSMENT & MONITORING OF SALT PAN DYNAMICS: A CASE STUDY OF AJMALMARI ISLAND GROUPS, SUNDERBAN, INDIA, (April 6-7, 2018 Paper

presentation)

- Impact Of Cyclonic Disturbances On The Coastal Areas Of Odisha And West Bengal, Prasanta Chandra Mahalanobis Mahavidyalaya, 11 July, 2020
- Living With The Pandemic: The Geographers' Way, Government General Degree College, Narayangarh, 15th July, 2020
- Environment And Wildlife In The Time Of Pandemic, Ananda Mohan College, 15th July 2020
- Geographical Perspectives Of Water Resources: Issues And Challenges, Russain Geographical Society (RGS) And The National Association Of Geographers (NAGI), 16th July, 2020
- Climatic Hazards & Resilience, Sree Chaitanya College, Habra, 18th July 2020
- Increasing Frequency Of Tropical Cyclone & Its Impact On Coastal Bengal, Saheed Anurup Chandra Mahavidyalaya, 20th July, 2020

	<ul style="list-style-type: none"> <li>• Conservation Of Biodiversity And Sustainability: Issues And Challenges, Department Of Geography, Diamond Harbour Women's University, 23 July 2020</li> <li>• Evolution Of Geomorphological Thoughts And Ideas, Vivekananda College For Women, Barisha, 4th September, 2020</li> <li>• Innovation In Disaster Risk Reduction: Aiming Towards A Resilient Society, Department Of Geography, Diamond Harbour Women's University In Association With Commission On Hazard And Risk, International Geographical Union (IGU), 10-11 September, 2020 (paper presentation)</li> <li>• Climate Change Impacts on Water Resources, 16<sup>th</sup> May, 2021</li> </ul>
<i>Refresher &amp; Orientation Courses Attended</i>	NA
<i>Publication</i>	<ul style="list-style-type: none"> <li>• Helioseismology, The Observer, ISSN No:2230-9535, March 2011</li> <li>• Beach Nourishment-A Coastal Defence Scheme, The Observer, ISSN No:2230-9535, March 2012</li> <li>• Morphometry and landuse landcover based multi-criteria analysis for assessing the soil erosion susceptibility using landsat tm digital data: a case</li> </ul>

	<p>study of sobha watershed, a part of west bengal and Jharkhand, Journal of the Indian National Cartographic Association (INCA), ISSN NO:0927-8392, November 2016</p> <ul style="list-style-type: none"> <li>• Spatio-temporal evaluation of environmental criticality index by using tm/etm+ digital data:a case study of sobha watershed,west bengal and Jharkhand, Remote Sensing and GIS in environmental management, ISBN NO:978-81-921692-8-6, March 2017</li> </ul>
<i>Out Reach Programme</i>	<ul style="list-style-type: none"> <li>• Visit Underprivileged students</li> <li>• Donated at CM corona fund</li> </ul> <p>Donated at College extension activities</p>