



# SAYAN MANDAL

## Assistant Professor

Department of Geography, Sarojini Naidu College for Women

### CONTACT



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9532](https://orcid.org/0000-0003-2301-9532).

### KEY SKILLS

- Teaching and supervision
- Academic leadership
- Course material preparation
- Innovative teaching techniques
- Interactive teaching
- Online teaching tools
- Subject-Specific knowledge
- Quality education

### ACADEMIC AND RESEARCH INTEREST

- Geomorphology
- Coastal Hydraulic
- Numerical Modelling
- Environment
- Geoinformatics

### PROFILE

Accomplished Assistant Professor with extensive experience in higher education, currently serving at Sarojini Naidu College for Women. Demonstrates strong academic leadership and expertise in teaching and supervision. Skilled in course material preparation and utilising online teaching tools to enhance learning experiences. Committed to advancing educational standards and fostering an engaging learning environment.

### EXPERIENCE

- **May 2017 - Current**

Assistant Professor Sarojini Naidu College for Women

- **November 2022 - August 2024**

Guest Lecturer (PG Geography) Barrackpore Rastraguru Surendranath College

- **September 2015 - July 2019**

Guest Lecturer West Bengal State University

- **August 2012 - May 2017**

Assistant Professor T.H.K. Jain College

- **January 2012 - July 2012**

Guest Lecturer T.H.K. Jain College

### SEMINAR PAPERS PRESENTED

- 'Flash flood: A Sudden, unexpected disaster in Himalayan Region' in National Seminar on 'Perspectives of Himalayan Environment' organised by Himalaya Samiksha Parishad held on 30th October, 2010.
- 'Biodiversity characteristics of Sikkim Himalayan Region' in UGC sponsored State level Seminar on 'Biodiversity in India: Perspective, Management and conservation' organised by Dwijendralal College, Krishnanagar, Nadia held on 26th February, 2011.
- 'Evolution of The Digha Coast, East Medinipur, West Bengal: Causes and Consequences' in 24th National Conference and Annual Convention of Indian Institute of Geomorphologists (IGI) on Coastal Dynamics and Geomorphology, organised by Department of Geology, Anna University, Chennai held on 20th October, 2011.
- 'Changes in Digha Coastal Stretch, East Medinipur, West Bengal' in 33rd Annual Conference of The Institute of Indian Geographer's (IIG) and International Seminar on Population, Development & Disaster Management organised by Department of Geography and Disaster Management, Tripura University held on 10th February, 2012.

## RESEARCH:

Pursuing Ph.D. from West Bengal State University under the guidance of Prof. Subhamita Chaudhuri, Professor, Department of Geography, WBSU from 2016. The topic of the research is – 'Hydraulics and Stability of Tidal Inlets along the coast of Purba Medinipur, West Bengal, India'

## ADMINISTRATIVE PORTFOLIO:

- Member of the IQAC.
- Member of Routine Committee.
- Member of Cantine Committee.
- Member of Website Committee.
- Member of Environment Committee.
- Member of Arrear Committee.

- 'Exploring the tranquil beauty of the Himalaya: The Har-Ki-Dun Valley trek.' In National Seminar on 'Himalaya: Environment and Development' organised by Himalaya Samiksha Parishad on 10th November, 2012.
- 'Hydrodynamic Response of Coastal Inlet System: A Case Study of Ramnagar Khal.' In 27th National Conference and Annual Convention of Indian Institute of Geomorphologists (IGI) on 'Geomorphology and Geospatial Technology in Environment Management and Societal Development' jointly organised by Department of Geography and Environmental Management and Department of Remote Sensing and GIS, Vidyasagar University, Midnapur held on 15th November, 2014.
- 'Hydrodynamic Response of a Tidal Inlet: A Case Study of Jaldah, Purba Medinipur, West Bengal' in 29th National Conference and Annual Convention of Indian Institute of Geomorphologists (IGI) organised by Department of Geography, University of Calcutta held on 25th November, 2016.
- 'Hydrodynamic Behaviour of Tidal Inlet Systems: A Comparative Study of Jaldha and Pichaboni Inlet, Purba Medinipur, West Bengal' in 9th International Conference on Geomorphology (9th ICG) organised by IAG and Indian Institute of Geomorphologists (IGI) at Vigyan Bhawan, New Delhi on 7th November, 2017.
- 'Impact of Littoral Cell on Shoreline Dynamics along the Purba Medinipur-Balasore Coastal Stretch, Bay of Bengal, India: A Numerical Modelling and Geospatial Study' in 32nd National Conference and Annual Convention of Indian Institute of Geomorphologists (IGI) organised by Department of Geography, West Bengal State University. held on 21st- 23rd January, 2021.

## PUBLICATIONS

- Mandal, S., 2011. Effect of Cyclone on Sagar Island, The Observer, 27, 2230-9535
- Mandal, S., 2012. Dalhousie: Akti Bhougolik Bornona, Himalay Prosango, 1, 2231-1076
- Mandal, S., Chaudhuri, S., 2021. Hydrodynamic stability of tidal inlet system: A case study of Pichaboni inlet, Purba Medinipur, West Bengal, India. Regional Studies in Marine Science. 46. <https://doi.org/10.1016/j.rsma.2021.101869>.
- Mandal, S., Chaudhuri, S., 2022. Identification of littoral cell and its impact on shoreline dynamics along the Purba Medinipur-Balasore coastal stretch, Bay of Bengal, India: A numerical modelling and geospatial study. Regional Studies in Marine Science. 57, 102740, <https://doi.org/10.1016/j.rsma.2022.102740>.