



One Day State Level Seminar On



Disaster Monitoring and Management Using Geo-spatial Techniques



Organised by

Department of Geography in Association with IQAC
in Nahata Jogendranath Mondal Smriti Mahavidyalaya in Collaboration
with Department of Geography of Netaji Satabarshiki Mahavidyalaya

Date: 23rd December, 2024 Time: 12.00 Noon

Resource Person



*Dr. Nairwita Bandyopadhyay
Assistant Professor
Department of Geography
Haringhata Mahavidyalaya*

Dr. Papun Biswas, Principal,
Nahata JNMS Mahavidyalaya

IQAC
Coordinator

Dr. Dhruvajyoti Chattopadhyay
Nahata JNMS Mahavidyalaya

Jt. Convener

Dr. Jhantu Saradar, HoD,
Department of Geography
Nahata JNMS Mahavidyalaya

Dr. Milinda Majumdar, TIC, Netaji
Satabarshiki Mahavidyalaya

IQAC

Coordinator

Dr. Antara Chowdhury
Netaji Satabarshiki Mahavidyalaya

Jt. Convener

Sri Samiran Sarkar, HoD, Department of
Geography
Netaji Satabarshiki Mahavidyalaya

Registration link

<https://forms.gle/QPCo43QFxaKa9eiF9>

About the College

Nahata Jogendranath Mondal Smriti Mahavidyalaya is a prominent educational institution located in Nahata, a tranquil area within the Gopalnagar of North 24 Parganas, West Bengal. The college established (1985) with the aim of promoting higher education in this rural area, serves as a beacon of learning and growth for students from Nahata and surrounding areas. The college has earned recognition for its commitment to academic excellence, social development, and community engagement.

Named in honor of *Jogendranath Mondal*, a renowned philanthropist and social reformer, the institution continues his legacy by making education accessible and empowering individuals through knowledge. Jogendranath Mondal's vision of educational empowerment for all is deeply embedded in the college's values and mission.

About the Department of Geography

The Department of Geography of Nahata Jogendranath Mondal Smriti Mahavidyalaya is an integral part of the institution, offering students a deep and comprehensive understanding of the physical, environmental, and human geography that shapes our world. Established with the mission of promoting geographical knowledge and skills, the department strives to create a strong academic foundation while fostering critical thinking, analytical abilities, and field-based learning.

Academic Programmes:

The Geography Department offers undergraduate courses as part of the college's Bachelor of Arts (B.A.) and Bachelor of Science (B.Sc.) programs. The department's curriculum is designed to provide students with a solid grounding in both theoretical and practical aspects of Geography, covering topics such as physical geography, human geography, climatology, geomorphology, environmental geography, cartography, and geographic information system (GIS).

Faculty:

The department is supported by a team of dedicated, knowledgeable, and experienced faculty members who are committed to nurturing students' academic growth. The faculty members use innovative teaching methods, combining lectures, fieldwork, and laboratory work, to ensure that students gain a comprehensive understanding of geographical concepts. Many faculty members are actively involved in research and encourage students to participate in academic discussions, projects, and research activities.

Infrastructure and Facilities:

The Geography Department is equipped with essential teaching resources, including a well-stocked library with numerous geographical texts, journals, and research papers. The department also boasts modern geography laboratories for practical sessions, where students learn to use maps, models, and equipment related to cartography, surveying, and GIS. The department also organizes field trips and practical exposure, allowing students to observe geographical phenomena in real-world settings and better understand their theoretical knowledge.

Practical Learning and Fieldwork:

Fieldwork is an essential component of the Geography Department's curriculum, enabling students to gain firsthand experience in studying geographical features and phenomena. The department organizes regular field trips to various locations of geographical significance, such as rivers, hills, forests, and urban areas, allowing students to observe physical and human geography in practice. These trips help students bridge the gap between classroom learning and real-world geographical applications.

Research and Development:

The Department of Geography encourages students and faculty to engage in research activities, contributing to the broader field of geographical studies. Faculty members conduct research in various subfields of geography, including environmental studies, urban planning, climatology, and GIS. The department promotes a research culture, offering students opportunities to participate in research projects and helping them develop their analytical and research skills.

Student Development:

The department emphasizes the overall development of students, preparing them for both academic advancement and professional success. Apart from academic rigor, the Geography Department encourages students to participate in seminars, workshops, and discussions, where they can interact with experts, learn about contemporary geographical issues, and develop their presentation and communication skills.

Vision and Future Goals

The Geography Department at Nahata Jogendranath Mondal Smriti Mahavidyalaya envisions expanding its scope and enhancing its academic offerings. With the increasing importance of sustainable development, environmental management, and GIS technologies, the department is focused on integrating modern tools and methodologies into its curriculum. The department aims to provide students with a well-rounded education that equips them with the skills necessary to address current global challenges related to the environment, urbanization, climate change, and sustainable development.

About the Seminar

Disasters, both natural and human-made, pose significant threats to human lives, property, and ecosystems, often leading to extensive damages and disruptions. The need for efficient and timely disaster monitoring and management is more critical than ever. Geospatial techniques, which include Remote Sensing (RS), Geographic Information Systems (GIS), Global Positioning System (GPS), and other spatial technologies, have become powerful tools for managing disasters, minimizing risks, and improving response strategies.

This state-level seminar focuses on the application of geospatial technologies in disaster management, highlighting their role in monitoring, preparedness, response, and recovery efforts. Experts, practitioners, and researchers will share insights into how geospatial tools can enhance disaster risk assessment, early warning systems, and decision-making processes at state and local levels.

Target Audience

Government officials, disaster management professionals, GIS specialists, urban planners, environmental scientists, academics, students, and all stakeholders involved in disaster management and mitigation at the state and local levels.

Objectives of the Seminar

By attending this seminar, participants will gain valuable knowledge on how geospatial techniques can be used to enhance disaster preparedness and response, ultimately contributing to safer and more resilient communities.

Sub-themes

- Climate Change and its impact on human life
- Geomorphic disaster and its management strategies
- Geospatial techniques of disaster monitoring
- Man made disaster and its impact on environment health
- Disaster management and environmental sustainability

Organizing Committee

Chief Patron	Dr. Papun Biswas, Principal, Nahata JNMS Mahavidyalaya
Chief Patron	Dr. Milinda Majumdar, TIC, Netaji Satabarshiki Mahavidyalaya
Patron	Dr. Dhrubajyoti Chattopadhyay (IQAC Coordinator), Nahata JNMS Mahavidyalaya
Patron	Dr. Antara Chowdhury (IQAC Coordinator), Netaji Satabarshiki Mahavidyalaya
Joint Convener	Dr. Jhantu Saradar, HoD, Geography Deptt. Nahata JNMS Mahavidyalaya
Joint Convener	Sri Saminar Sarkar, HoD, Geography Deptt. Netaji Satabarshiki Mahavidyalaya
Organizing Secretary	Smt Pinki Paul & Sri Subrata Mitra
Treasurer	Sri Goutam Sharma
Organizing Members	Sri Biswajit Mandal, Smt Taniya Debnath
Technical Assistant	Sri Anay Biswas

Advisory Committee

Dr. Papun Biswas, Principal, Nahata Jogendranath Mondal Smriti Mahavidyalaya
Dr. Milinda Majumdar, TIC, Netaji Satabarshiki Mahavidyalaya
Dr. Dhrubajyoti Chattopadhyay
Dr. Antara Chowdhury
Smt Sriparna Datta
Dr. Anish Mukhopadhyay

Inaugural Session

(12.00 Noon-12.30 pm)

12.00 Noon-12.15 pm

Welcome Address

Dr. Papun Biswas, Principal

12.15-12.30pm

Inaugural Speech

Dr. Jhanu Saradar, HoD

Technical Session I (12.30 pm to 2.00 pm)

12.30 pm-2.00 pm

Honourable Speaker

Dr. Nairwita Bandyopadhyay

Assistant Professor

Department of Geography

Haringhata Mahavidyalaya

Chairperson

Dr. Dhrubajyoti Chattopadhyay

Technical Session 2 (2.00 pm to 4.00 pm)

2.00pm-4.00pm

Chairperson

Dr. Nairwita Bandyopadhyay

Rapporteur

Smt Pinki Paul

4.00 pm – 4.20 pm

Interactive Session

4.20 pm – 4.30 pm

Vote of Thanks

Submission of Abstract & Full Paper Format Guide:

The call for papers welcomes academicians having an interest in the aforementioned topic to submit their work and take part in this forum.

- Abstract** : Not more than 250 words with 4-5 Key-Words
- Font** : Times New Roman
- Font Size** : 12
- Line spacing** : 1.5
- Full Paper** : Not more than 2000 words

Name of the Author and their Affiliations are being requested to accompany the actual paper. The Last of submission of the paper is going to be **22.12.2024**.

Send the abstract to this Mail- nahatajnmsm.geography@gmail.com