

# National Seminar On “Recent Developments in Geological Sciences with Special Reference to Odisha”

Date- 25<sup>th</sup> and 26<sup>th</sup> Feb. 2024 (Sunday and Monday)

Location – B. Ed. Conference Hall, 2<sup>nd</sup> floor, New Building, Govt College Sundargarh.

## **INTRODUCTION: -**

Welcome to The National Seminar on "Recent Developments in Geological Sciences with Special Reference to Odisha." Over the next two days at the Department of Geology, Government College, Sundargarh, we'll explore cutting-edge research, discuss emerging trends, and foster collaborations among experts in the field. Join us as we delve into the rich geological heritage of Odisha and uncover new avenues for sustainable development and environmental conservation.



**PURPOSE: -**

The purpose of the seminar is to discuss recent advancements in geological sciences, particularly focusing on Odisha. It aims to facilitate knowledge exchange, and collaboration among experts, and raise awareness about the geological heritage of the region.

**ORGANISER: -**

Dept. of Geology, Govt. College, Sundargarh and Govt. Women's College, Sundargarh in association with Alumni Association of Geology (AAG) and Bhu-Bigyan Sangathan, Govt. College, Sundargarh.

**SCHEDULE: -**

DAY-1 (25 <sup>TH</sup> FEB., 2024)		DAY-2 (26 <sup>TH</sup> FEB., 2024)	
08:30 AM - 09:00 AM	BREAKFAST	09:00 AM – 10:00 AM	BREAKFAST
09:00 AM - 09:45 AM	ROCK GARDEN INAUGURATION	10:00 AM – 01:00 PM	TECHNICAL SESSION
10:00 AM – 11:30 AM	INAUGURAL SESSION	01:00 PM – 02:00 PM	LUNCH
11:30 AM – 01:45 PM	TECHNICAL SESSION 1	02:00 PM – 05:00 PM	VALEDICTORY SESSION
02:00 PM – 02:30 PM	LUNCH		
02:30 PM – 06:15 PM	TECHNICAL SESSION 2		
06:15 PM – 06:30 PM	HIGH TEA		
06:30 PM – 08:30 PM	CULTURAL EVENT		
08:30 PM ONWARDS	DINNER		

**EVENT SUMMARY: -**

A national seminar on "Recent Developments in Geological Sciences with Special Reference to Odisha", held for the first time at the Department of Geology, Government College, Sundargarh, was organized by the Department of Geology, Government College, Sundargarh, and Government Women's College, Sundargarh, in collaboration with the Alumni Association (AAG) and Bhu-Bigyan Sangathan, Government College, Sundargarh, on the 25th and 26th of February, 2024, in the B.Ed. Conference Hall, Government College, Sundargarh. The seminar was graced by the esteemed presence of Prof. (Dr.) S. P. Singh, Former Vice-Chancellor at VKS University, Ara, Bihar, and Himalayan University, Itanagar, Arunachal University, as the Honorable Chief Guest, along with Dr. Jayanta Kumar Nanda (Deputy Director General, Retired, Geological Survey Of India (GSI)), Dr. Manoranjan Mohanty (Deputy Director General, RSAS, Geological Survey of India), and Dr. Durga Pada Kuity, Retired Professor from Ravi Shankar Shukla University, Raipur, as Guests of Honor.

The two-day national seminar commenced with the inauguration of a "Rock Garden" on the college campus by Dr. S. P. Singh. A graceful introduction of the guests was delivered by Organizing Secretary Prof. Siba Prasad Mohanty (H.O.D., Dept. Of Geology, Government College, Sundargarh). A warm welcome was extended by Dr. Lalit Ranjan Sahu, Principal cum Patron, Government College, Sundargarh, followed by Convenor Dr. Ashutosh Naik (Retd. Prof., Sambalpur University) and Co-convenor Dr. Sudhir Kumar Dash (Retd. Principal and Associate Prof., Government College, Sundargarh). The guests were welcomed with shawls and bouquets.

A knowledgeable book titled "Geology Of Odisha," authored by Dr. J. K. Nanda and Dr. M. Mohanty, was unveiled during the inaugural session of the seminar, along with the Souvenir and Abstract Volume of the National Seminar.

The technical session of the first day commenced after a brief tea break with an inspiring presentation by Dr. J. K. Nanda on the topic of Eastern Ghat Mobile Belt. His insightful presentation was followed by Dr. Madanmohan Mahanta on the topic of Geology of Bonai Granitic Complex, Lecturer Rashmita Prusty on the topic of Herringbone Cross-stratification, and Mr. Saurabh Pal on the topic of Rajmahal Volcanism.

The first technical session of the day concluded, and a lunch break provided an opportunity for delightful interaction among all participants. The gathering was abuzz with various geological discussions.

Dr. D. P. Kuity inaugurated a meticulously curated geological library, brimming with an extensive collection of scholarly books, generously donated by Dr. Ashutosh Naik.

The second technical session of the first day commenced with a presentation by Dr. S. P. Singh, the Chief Guest, on the topic Objectives of Sustainable Developments, followed by presentations from various esteemed speakers on diverse topics related to geological sciences. The session concluded with valuable insights shared by each speaker.

A tea and snacks break has been organized, followed by a cultural program presented by students, which included performances by some of the esteemed guests. The cultural program featured captivating jokes,

dances, and songs by students from both Government College and Government Women's College, Sundargarh, to entertain the guests. The first day culminated with dinner after the cultural program.

The second day commenced with a delicious breakfast, followed by the technical session, featuring presentations by Dr. D. P Kuity on the topic "GLOBAL WARMING AND CLIMATE CHANGE," Dr. Dinesh Nayak on the topic "Benthic Foraminiferal Response to Various Environmental Parameters in Chilika Lagoon: Implications for Post-Restoration Ecosystem Management and Pollution Monitoring," Sambit Kumar Swain on the topic "Analysis of the Influence of Land Cover Changes on Groundwater Dynamics," and several other esteemed speakers sharing their valuable insights on various topics related to geological sciences.

The technical session of the second day concluded, and a lunch break was provided. The valedictory session commenced with a speech by Co-organizing Secretary Prof. Manoj Kumar Nayak, followed by feedback from the delegates. Cash prizes and a running trophy in memory of Late Md. Sahid Ummar (GSI) were awarded to Ms. Kaberi Sahoo, Ravenshaw College, as a young geologist below 40 years for the best paper presented in any of the technical sessions. Another cash prize was presented to Dr. Dinesh Kumar Nayak (BHU, Uttar Pradesh) as a geoscientist who has completed either B.Sc. Geology or P.G. Geology, or both from Government College, Sundargarh, and secured a teaching faculty position in any university. This award has been instituted by Prof. Ashutosh Naik, an alumnus of Geology, Government College, Sundargarh. Mementos were presented to the guests and achievers in memory of the seminar, and the event concluded with beautiful group photographs.

**CONCLUSION: -**

In conclusion, the national seminar on "Recent Developments in Geological Sciences with Special Reference to Odisha" at Government College, Sundargarh, was a great success. With distinguished guests, insightful presentations, and engaging discussions, the event fostered knowledge exchange and collaboration in geology. From the inauguration of the Rock Garden to the release of the book "Geology Of Odisha," every moment was vibrant and enriching. This seminar not only advanced geological understanding but also strengthened academic bonds, leaving a lasting impact on the field.

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