

# EXTRA MURAL TALK ON



OFFICE OF THE PRINCIPAL  
**GOVERNMENT COLLEGE, SUNDARGARH**

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website: [www.govtcollegesundargarh.ac.in](http://www.govtcollegesundargarh.ac.in) NAAC Accreditation: B+

No.....2260.....

Date: -16.8.24.....

## Notice

There will be an extramural talk on *"Understanding India's Oil, Gas & Petrochemical Industry"* held on *17<sup>th</sup> August 2024 in Room Number 6, Department Geology, New Building, Government College, Sundargarh.*

The Resource Person of the programme is *Shri Samir Biswal, Area Marketing Manager (PP & PE Business) HPCL- Mittal Industry*, who will grace the session.

So, interested participants are instructed to join the talk and the campus drive at the time and venue.

  
Principal

Govt. College Sundargarh

Memo No.....2261...../ Date.....16.8.24.....

Copy to all the H.O.D/ Students' Notice Board/ OIC Website/IQAC/ S.O of Government College, Sundargarh for information and necessary action.

  
Principal

Govt. College Sundargarh

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**UNDERSTANDING INDIA'S OIL, GAS &  
PETROCHEMICAL INDUSTRY**

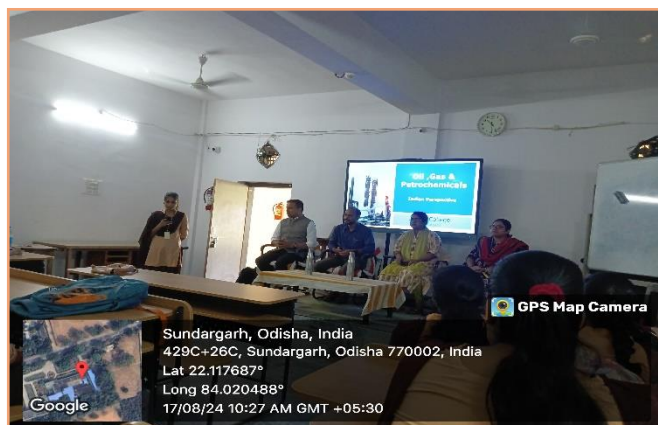


**Resource Person-  
Shri Samir Biswal  
Area Marketing  
Manager (PP & PE Business),  
HPCL-Mittal Energy Ltd.**

**ORGANISED BY  
BHU-BIGYAN SANGATHAN,  
DEPARTMENT OF GEOLOGY,  
GOVERNMENT COLLEGE, SUNDAGARH**

**TIME & VENUE-  
17 AUG, 2024  
10 AM-11 AM  
ROOM NO-6, DEPARTMENT OF  
GEOLOGY**

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**DATE-17 AUGUST 2024**

**PLACE- GOVT. COLLEGE SUNDARGARH**

## 1. Introduction

The BHU Bigyan Sangathana, with the Department of Geology, Government College Sundargarh, organized an Extra Mural Talk titled "Understanding India's Oil, Gas, and Petrochemical Industry." This event aimed to provide students, faculty, and attendees with a comprehensive overview of the crucial sectors of oil, gas, and petrochemicals in India. The talk was delivered by Research person Shri Samir Biswal Area Marketing Manager (PP & PE business) HPCL- Mittal Energy limited, an esteemed expert in the field, whose insights provided a deeper understanding of the industry's current landscape, challenges, and future prospects.

## 2. Objectives of the Talk

The primary objectives of the talk were:

- To educate attendees about the structure and significance of India's oil, gas, and petrochemical industry.
- To highlight the current trends, challenges, and opportunities within the industry.
- To discuss the role of geology in the exploration and extraction of oil and gas resources.
- To provide a platform for students and faculty to engage with experts and enhance their knowledge.

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## 3. Overview of India's Oil, Gas, and Petrochemical Industry

The talk began with an introduction to the oil, gas, and petrochemical industry in India.

Key points discussed included:

- **Historical Context:** A brief history of the development of the oil and gas industry in India.
- **Industry Structure:** An overview of the upstream, midstream, and downstream sectors.
- **Major Players:** Discussion on the key companies involved in exploration, production, refining, and distribution.
- **Economic Impact:** The role of the industry in India's economy, including employment generation and contribution to GDP.
- **Government Policies:** An analysis of policies and regulations governing the industry, including recent reforms.

## 4. Challenges and Opportunities

The speaker highlighted several challenges faced by the industry, such as:

- **Resource Scarcity:** Depletion of easily accessible oil and gas reserves.
- **Environmental Concerns:** The impact of exploration and extraction activities on the environment.
- **Technological Gaps:** The need for advanced technologies in exploration and production.
- **Global Market Fluctuations:** The effect of international oil prices and geopolitical tensions on the industry.

Opportunities discussed included:

- **Renewable Integration:** The potential for integrating renewable energy sources with traditional oil and gas operations.
- **Investment in Infrastructure:** The need for improved infrastructure to support the growth of the petrochemical sector.
- **Research and Development:** Innovations in extraction techniques, refining processes, and sustainable practices.

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## 5. The Role of Geology

A significant portion of the talk focused on the role of geology in the oil and gas industry.

Topics covered included:

- **Exploration Techniques:** The use of geological surveys, seismic data, and other methods to locate oil and gas reserves.
- **Reservoir Analysis:** Understanding the composition and characteristics of oil and gas reservoirs.
- **Sustainable Extraction:** The importance of minimizing environmental impact during the extraction process.

## 6. Interactive Session

The talk concluded with an interactive session where attendees had the opportunity to ask questions and engage in discussions with the speaker. Topics of discussion included career opportunities in the oil and gas industry, the future of petrochemicals in a sustainable world, and the impact of global energy transitions on India's energy security.

## 7. Conclusion

The Extra Mural Talk organized by BHU Bigyan Sangathana and hosted by the Department of Geology at Government College Sundargarh was a successful and informative event. It provided valuable insights into India's oil, gas, and petrochemical industry, emphasizing the importance of geology in this sector. The event fulfilled its objectives of educating and inspiring students and faculty, encouraging them to explore further studies and careers in this vital industry.

## 8. Acknowledgments

The organizers would like to extend their gratitude to the speaker, attendees, and everyone involved in making this event a success. Special thanks to the Department of Geology, Government College Sundargarh, for their support and cooperation.

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**Bhu-Bigyan Sangathan & Dept. of  
Geology, extends their sincere gratitude  
to all guests and attendees for making the  
event success.**

**Contact Detail: - [bhubigyansangathan@gmail.com](mailto:bhubigyansangathan@gmail.com)**

**PROGRAMME NAME-** Extramural Talk, by Sri Samir Biswal.

**ORGANIZED BY GOVT. COLLEGE, SUNDARGARH**

**Venue-** Room-6, Geology **Date-** 17.08.2024

**Attendance Sheet for Student**

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