

SECOND
ANNOUNCEMENT

2
DAYS

SEMINAR
ON

***“Technological
Challenges in
Mineral Sector”***

ODICHEM-2024

18 - 19 OCTOBER 2024

**WELCOMHOTEL BY ITC
BHUBANESWAR**

**JOINTLY
ORGANIZED
BY**

**Indian Institute of Chemical Engineers
Bhubaneswar Regional Centre**



**CSIR-Institute of Minerals and Materials
Technology, Bhubaneswar**



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CSIR-IMMT, Bhubaneswar-751013, Odisha**



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ABOUT ODICHEM

The first of the ODICHEM seminar series was organized by the Indian Institute of Chemical Engineers, Bhubaneswar Regional Centre (IICChE-BRC) on the theme "Investment Opportunities for Ancillary and Downstream Industries in Odisha" on 15th October 2022 at Bhubaneswar. The seminar provided a platform for investors, industry professionals, R&D experts, and government officials to exchange ideas and opinions in order to promote investments in Odisha's ancillary and downstream industries. The seminar identified various opportunities for ancillary and downstream industries associated with primary industries in Odisha and offered investment prospects for investors and start-ups. Building on the success of ODICHEM-2022, IICChE-BRC will host the second in the series, ODICHEM-2024, focusing on the theme "Technological Challenges in Mineral Sector," in collaboration with CSIR-Institute of Minerals & Materials Technology (CSIR-IMMT), Bhubaneswar during 18-19th October 2024 at Bhubaneswar.

Odisha, with its abundant mineral resources, has always been a preferred investment destination for the mineral based industry. The Government of Odisha has been making significant efforts to attract investments in the mineral sector by creating favourable policies and offering numerous incentives to potential investors. However, there are specific technological challenges that persist in the mineral sector, including the type of deposits, mineralogy, and processing. The Government of India recently highlighted the challenges and opportunities for critical minerals essential for economic development and national security. In this context, the seminar ODICHEM-2024 has the objective to bring together stakeholders to discuss the key technological issues related to the mineral sector in Odisha. It will provide a platform for investors, industry professionals, R&D experts, academicians and government officials to explore solutions to the challenges faced by the mineral-based industries.



ODICHEM-2022



About **IIChE-BRC**

The IIChE, Bhubaneswar Regional Centre (IIChE-BRC), was founded in September 1991 and has been actively functioning in line with the goals of the IIChE. IIChE aims to promote chemical engineering education in the country and advance the interests of the chemical engineering profession in promoting chemical industries. Presently, the IIChE-BRC has around 200 members and oversees the functioning of two Student Chapters. Since its establishment, the Centre has organized numerous seminars and workshops. Some recent successful seminars organized by the centre include "ODICHEM" in October 2022, "PCPIR – Paradip" in March 2014, "Coal Gasification" in November 2014, "Non-ferrous Industries in India – Prospects and Challenges" in December 2015, and "Odisha-Investors' Destination for Chemicals and Petrochemicals" in April 2017. Additionally, the IIChE-BRC has successfully hosted CHEMCON, the prestigious annual event of IIChE, in December 2003 and December 2021.



About **CSIR-IMMT**

The CSIR-Institute of Minerals and Materials Technology (IMMT) was established on April 13, 1964, as the Regional Research Laboratory, Bhubaneswar, under the Council of Scientific and Industrial Research (CSIR), New Delhi. In 2007, it was renamed as CSIR-IMMT with a renewed focus on research and growth strategy to become a leader in mineral and material resource engineering. The institute specializes in conducting basic research and technology-oriented programs across various subjects and addresses the R&D challenges of mining, mineral, and metals industries and ensure their sustainable development. In recent years, the focus of R&D at CSIR-IMMT has been to enable Indian industries to meet the challenges of globalization by providing advanced process know-how and consultancy services to support the commercial exploitation of natural resources through the public-private partnership (PPP) approach. CSIR-IMMT is now a preferred choice for many mineral-based industries. It is also making strides in processing advanced materials for greater value addition while working on enhancing the resource use efficiency of critical raw materials.

Seminar Topics & **SPEAKERS**

GUEST OF HONOUR

Dr. Raghvendra Tewari, Outstanding Scientist & Director, Materials Group, BARC
Energy Scenario in the Country and Changing Role of Critical Minerals in India

KEYNOTE

Shri Ashwin Shroff, Chairman & Managing Director, Excel Industries Limited
Revitalizing Minerals and Metals for a Greener Tomorrow

Dr. Omkar Nath Mohanty, Former Vice Chancellor, BPUT Odisha
Potential for Steel Making Slag for High Value Products

Dr. Ramanuj Narayan, Director, CSIR-IMMT Bhubaneswar
CSIR's R&D Efforts in Minerals and Materials for Viksit Bharat

FERROUS

Speakers

Shri S. S. Mohanty, CEO & MD, Essar Minmet Ltd.
Environmental, Social, and Governance (ESG) Challenges for Future Steel Industries

Shri Kedar Palekar, Director-Marketing, Midrex India
Steels Green Transition - Challenges and Solutions

Dr. P. K. Banerjee, Outstanding Scientist, CSIR-CIMFR
Import Substitution for coals for the Indian Steel Industry: Opportunities and Challenges

Shri Pankaj Satija, Executive In Charge, FAMD, TATA Steel
Sustainable Practices within the Chrome Value Chain

Shri Suresha G*, Executive Director-Odisha Assets, AM/NS

Shri Bharghav Nargund, GM-DRI P&O, JSPL
Novel Technology of Coal Gassification and its Application in Gas Based DRI Production

NON-FERROUS

Speakers

Dr. R. N. Patra, Former CMD, IREL (India) Limited
Prospects & Challenges in Mineral Processing

Shri Bibhu Mishra, Advisor, Hindalco Ind. Ltd.
Innovative Solutions for Mining Industry

Shri Arun Misra, CEO, Hindustan Zinc Ltd.
Sustainable Development – A Case study of Hindustan Zinc

Smt Binuta Patra, GGM (R&D), NALCO
Climate Change Mitigation Practises at Smelter Plant of NALCO

Dr. S. K. Satpati, CMD, Uranium Corporation of India Ltd. (UCIL)
Technological Challenges in Uranium Material Processing

Dr. Vilas Tathavadkar, CTO, Hindalco Ind. Ltd.
Advances in Primary Copper Industry in India

CRITICAL-I

Speakers

Dr. Deependra Singh, CMD, IREL (India) Ltd.
Rare Earths-Plethora of Opportunities

Shri M. P. Mishra, Former Director, NALCO
Battery Minerals-An Indian Scenario

Shri Pankaj Kumar, Dy. Director General, GSI, Odisha
Mineral Resources of Odisha

Shri Sabyasachi Mohanty*, Director-TO, OMC Ltd.

Dr. Kali Sanjay, Chief Scientist, CSIR-IMMT
Nickel and Cobalt: Strategic Opportunities for India's Resource Security

Dr. Chidambaram Mandan, Head, R&D, LOHUM
Lithium Recovery from Secondary Resources

CRITICAL-II

Speakers

Dr. Amit Chatterjee, Chief R&D Officer, Vedanta
Recovery of Critical Minerals-Essential Way to Sustainable Development

Dr. Shivakumar Angadi, Principal Scientist, CSIR-IMMT
Recovery of lithium from Indian Primary Resources

Dr. Xolisa Goso, Head-Pyrometallurgy Division, MINTEK, SA
Platinum Group of Elements (PGE) Processing in South Africa-An Overview

Shri Sachin Jadhav, Sr. Manager-QA, Excel Industries Ltd.
Innovative Approaches for Sustainable Metal Recovery Through Advanced Technology and Solutions

REGISTRATION

Delegates are requested to register by scanning the QR code after making payment through an electronic fund transfer.



**Non-IICHe
Members**

₹ 3,000/-

+18% GST

**IICHe
Members**

₹ 2,000/-

+18% GST

**Student
Members**

₹ 500/-

+18% GST

ADVERTISEMENTS IN SOUVENIR

Advertisements are invited for inclusion in the commemorative Souvenir to be released at the inaugural function. The souvenir will include a technical program, abstracts of Invited Talks, and information about sponsors.

CATEGORY I

₹ 30,000/-

+18% GST

Full Page Colour
(Back)

CATEGORY II

₹ 25,000/-

+18% GST

Full Page Colour
(Inner Front/Back)

CATEGORY III

₹ 20,000/-

+18% GST

Full Page Colour

CATEGORY IV

₹ 15,000/-

+18% GST

Half Page Colour

TECHNICAL EXHIBITION

The ODICHEM-2024 seminar will host a technical exhibition, providing organizations and industries with the opportunity to showcase their state-of-the-art products and technologies to the large gathering of the mineral industry. The exhibitor fee includes one free delegate.

FEE for EXHIBITORS

₹ 10,000/-

+18% GST

SPONSORSHIP

PLATINUM

★★★★

₹ 3,00,000

+18% GST

- ✓ Seven free Delegates
- ✓ Sponsor name will be displayed on the Seminar Banner
- ✓ One full page colour Advertisement
- ✓ Two stalls in the Technical Exhibition

GOLD

★★★★

₹ 2,00,000

+18% GST

- ✓ Five free Delegates
- ✓ Sponsor name will be displayed on the Seminar Banner
- ✓ One full page colour Advertisement
- ✓ One stall in the Technical Exhibition

SILVER

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₹ 1,00,000

+18% GST

- ✓ Three free Delegates
- ✓ Sponsor name will be displayed on the Seminar Banner
- ✓ One full page colour Advertisement
- ✓ One stall in the Technical Exhibition

BRONZE

★★★★

₹ 50,000

+18% GST

- ✓ Two free Delegates
- ✓ Sponsor name will be displayed on the Seminar Banner
- ✓ One half page colour Advertisement

PAYMENT

All payments are to be made Online/NEFT/Others to the Bank Account No.: 10057863105, Regional Centre IICHe, State Bank of India, IFSC Code: SBIN0007499, and GSTN: 21AAAAI1126Q2ZV or in the shape of DD/Cheque, drawn in favour of 'IICHe, BHUBANESWAR REGIONAL CENTRE', payable at Bhubaneswar.

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BHUBANESWAR

Bhubaneswar, the capital of Odisha, is a vibrant city known as the Temple City due to its numerous ancient temples and architectural marvels. This rapidly growing Smart City offers all the modern amenities of a metropolitan area while retaining its rich cultural heritage. The city boasts magnificent sculptures and architectural treasures, making it a significant destination on India's tourism map. Bhubaneswar enjoys excellent connectivity through road, rail, and air, linking it to all parts of the country. In mid-October, the city experiences a pleasant climate with average maximum and minimum temperatures of 32°C and 24°C, providing an ideal setting for exploring its rich history and vibrant culture.



ENQUIRY

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