



Let's Get Started



**RARE EARTH & CRITICAL ELEMENTS
FOR
ENERGY SECURITY
(REES – 2025)**

INFORMATION FLYER



**Hotel Mayfair Lagoon,
Bhubaneswar, Odisha**



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ABOUT THE CONFERENCE

Rare Earths are performance enhancing material having numerous niche applications such as electronic gadgets, consumer electronics, green energy, defence, space, laser e-mobility, petroleum refining, etc. They are characterized by their significant economic importance, high supply risk, and critical role in supporting key industries.

They are the foundation on which modern technology is built. From EVs to solar panels to semiconductors, wind turbines to advanced batteries for storage and transportation, the world needs these minerals to build these products. They are presently the backbone of emerging green technologies.

Being an aspiring trillion-dollar economy, and development prospects in changing geopolitical situation, the country is poised to leverage its resource for unleashing the niche values, for achieving self reliance in energy security of the country. Besides, there is a need to develop self reliance in these emerging technologies to achieve 'Aatmanirbhar Bharat' and 'Make in India' mission.

REES 2025 is being organized by REAI with the objective to serve as an apt platform for exchanging ideas, networking and furthering academic and applied knowledge of Rare Earths & Critical elements on inter-disciplinary knowledge/ experience for the development of Rare Earths & Critical Mineral sector in the Country and globally.

JOIN US

Welcome





ORGANISER

Rare Earth Association of India (REAI) is a premier association of Scientists, Technologists and Academicians formed with the objectives of promoting research, development and application of Science and Technology of rare earths and related materials by exchanging , promoting, communicating and disseminating information in this field.

WWW.REAINDIA.IN

LET'S DO IT!



THEME

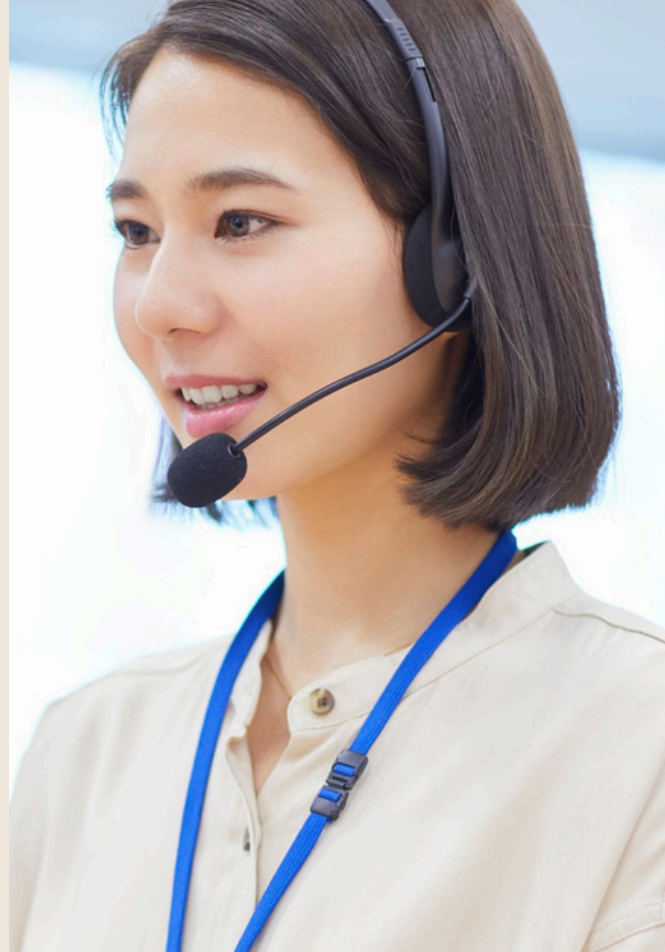
REES-2025 will be addressing the following topics:

- Global Supply Chain and Trade Dynamics
- Strategic Importance in National Security and Defense
- Geology and Distribution of Rare Earth Elements (REEs)
- Mining and Extraction Technologies
- Separation and Purification Techniques
- Investment Potential
- Regulatory Frameworks and Policy Guidelines
- International Collaborations and Research Initiatives
- Economic Opportunities and Challenges for Developing Countries
- Forecasting Demand and Strategic Planning



PARTICIPATION – CALL FOR PAPERS

Plenary and Invited talks by experts in the respective field and presentation of contributory posters by scientists / engineers / academicians / professionals will form the main program of the conference. Those desirous of presenting posters in the conference are requested to submit one page abstract of their poster along with the completed registration form.



ABSTRACT FORMAT

Authors wishing to present posters are requested to submit an abstract of not more than 400 words. The abstract should be in English and confirm to the following format:

Title in Times New Roman 14, bold capital letters, centered; Author(s) Name(s) in Times New Roman 12, centered, presenting author's name underlined; affiliation and address (including e-mail) in Times New Roman 12, centered, Text in Times New Roman 12. Please give a margin of 3 cm on top and bottom and 2.5 cm on left and right side of each page. Figure caption should be given under the figure and table heading should be given on the top of the table, both in Times New Roman 12. All correspondence regarding poster submission and registration forms should be sent to- Technical Committee Chairman, REES 2024,

Email ID- rees.conference@gmail.com

Abstract will be considered / reviewed by a panel of referees for inclusion in the programme.

Important Dates:

Abstract submission closes on: 30th June, 2025

Acceptance of abstracts: 30th June, 2025

PATRONS



- MR. DINESH KUMAR SHUKLA, CHAIRMAN, AERB
- DR. SAMIR KAMAT, CHAIRMAN, DRDO
- DR. (MRS.) N. KALAISELVI, DG-CSIR
- DR. D SINGH, EX-CMD, IREL, PRESIDENT, REAI
- DR. KOMAL KAPOOR, CE, NFC
- DR. R TEWARI, ASSOCIATE DIR. MATRLS. GROUP, BARC
- DR RAMANUJ NARAYAN, DIRECTOR, IMMT, BHUBANESWAR
- MR. KEI YOSHIMURA, MD, TREI

TECHNICAL COMMITTEE



- DR.B RMISHRA,CONSULTANT R&D,OSCOM, IREL, (CHAIRMAN, TECHNICAL COMMITTEE)
- DR.V R NAIR, EX-IREL&SECRETARY GENERAL, REAI
- DR. DEEPAK SAHOO, REDS, BARC
- DR. KARTIKEY KUMARYADAY, REDS, BARC
- DR M L P REDDY, SECRETARY, REAI
- DR C K JAYSANKAR, VICE-PRESIDENT, REAI
- DR PRABHAKAR RAO, EMERITUS SCIENTIST, NIIST

ORGANISING COMMITTEE



- MR. S B MOHANTY, I/C CMD & DIRECTOR (FIN), IREL
- MR. R A KHALE, DIRECTOR (MKTG), IREL
- MR. A MISHRA, DIRECTOR (TECH), IREL
- MR. V CHANDRASEKAR, GM & HEAD RED, IREL
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- MR. CVR MURTY, GM & HEAD, M&MD, OSCOM, IREL
- MR. N S AJITH, GM & HEAD, CHAVARA, IREL
- DR. B R MISHRA, CONSULTANT R&D, OSCOM, IREL
- MR. K V RAMAKRISHNA, GM-TECHNICAL(CP), IREL
- MR. ROHAN S DALVI, DM-T, IREL

ADDRESS FOR CORRESPONDENCE



MR. R P JHA (CONVENER)

MR. S ARUNKUMAR (CO-CONVENER)

IREL (INDIA) LIMITED

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MAHARASHTRA- 400 028

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EMAIL ID- REES.CONFERENCE@GMAIL.COM



DELEGATE REGISTRATION FEE

Registration fee will entitle entry to conference sessions exhibitions, tea/coffee breaks, conference lunch, dinner, conference kit and abstract book. In addition to the scientific activities of the conference, site seeing tours may be arranged upon request.

For more details, please contact the information/travel desk at the conference venue.

REGISTRATION FEES:

Details	Fee (Indian)	Foreign
Delegate Fees	₹ 10,000	\$ 400
Organiser's Members	₹ 6,000	
Students Organiser's Non Members	₹ 3,000	\$ 200
Students Organiser's Members	₹ 2,000	\$ 200
Accompanying Person (Registration kit is not included)	₹ 5,000	\$ 150

REFUND AND CANCELLATION POLICY

For cancellations, if request is made by 1st July 2025, 50% of the conference registration fees will be refunded. Please note that refund will be made after deducting the processing fee charged by our bank. Cancellation request must be received in writing only via, Email ID- rees.conference@gmail.com

enjoy the process

ADVERTISEMENT IN SOUVENIR

A souvenir consisting of abstracts of the scientific papers/posters, advertisements and general information will be published on the occasion of REES 2025. The organizing committee requests all the well wishers/ participants to render theirfullest support by way of providing advertisements/scientific inputs in the souvenir.

ADVERTISEMENT CHARGES

Details	Fee (Indian)
Inside front Page (Colour)	₹ 2,00,000
Inside Full Page (Colour)	₹ 1,00,000
Back Full Page (Colour)	₹ 2,00,000
Inside Back Page (Colour)	₹ 1,50,000



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PROMOTIONAL OPPORTUNITIES

The support for sponsorship in connection with REES-2025, will provide a perfect opportunity to showcase & promote the Industries in Rare Earths on an International platform and can be accommodated in the following categories:



Category	Contribution Amount	No.of Free Delegates	Publication details*
Platinum Sponsor	₹ 20 Lakhs	8	full page colour advertisement in souvenir
Diamond Sponsor	₹ 10 Lakhs	3	full page colour advertisement in souvenir
Kit Sponsor	₹ 7.5 Lakhs	3	Advertisement, Branding of logo on REES-2025 Kit
Gold Sponsor	₹ 5 Lakhs	2	1 full page colour advertisement
Lunch Sponsor	₹ 5 Lakhs	2	1 full page colour advertisement
Dinner Sponsor	₹ 5 Lakhs	2	1 full page colour advertisement
Silver Sponsor	₹ 2 Lakhs	1	1 full page colour advertisement

*Note : Logo of the Company will be displayed at prominent locations at the venue

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PAYMENT

ACCOUNT TRANSFER

- Beneficiary Account No: 59205823456789
- Beneficiary Name : REES
- Bank Name: HDFC Bank
- Bank Address: Prabhadevi Mumbai-400025
- IFSC Code: HDFC00000012

SCAN AND PAY

TID: 62859523

REES 2025





VENUE

HOTEL MAYFAIR LAGOON, BHUBANESWAR, ODISHA

About Venue

In between the meandering paths of the temple city resides MAYFAIR Lagoon which is one of the best 5-star hotels in Bhubaneswar. It is spread across 10 acres of land and surrounded by lush greenery. It brings 99 immaculate accommodations, 8 elegant dining options, 7 banquet options, and several bespoke facilities like a wellness spa, a swimming pool, and much more. Our hotel embodies the core values of Eastern hospitality, which are reflected in the architecture, making us one of the best resorts in Bhubaneswar.

GOOGLE LOCATION :

[HTTPS://MAPS.APP.GOO.GL/WEYR6HOSXATZMJQVA](https://maps.app.goo.gl/WEYR6HOSXATZMJQVA)

How to Reach

By Air- Biju Patnaik International Airport, also known as Bhubaneswar Airport is the major and sole international airport in Odisha.

There are daily domestic flights connecting Bhubaneswar to Delhi, Delhi, Hyderabad, Mumbai, Kolkata, Vishakhapatnam, Chennai and Bangalore. There are international flights from Bhubaneswar to Bangkok and Kuala Lumpur thrice a week.

By Train- The East Coast Railway has its headquarters in Bhubaneswar. Bhubaneswar railway station is one of the main stations of the Indian railway network. It is connected to major cities by daily express and passenger trains and daily service to all metro cities is available from here. However, the station is overloaded by existing traffic. Currently, the station has 6 platforms with plans to add 2 more.

Public Transport- Cabs/Taxis are available near the stations to reach the venue.

TEMPLE CITY



BHUBANESWAR

Bhubaneswar is the capital and largest city of the Indian state of Odisha. Bhubaneswar is dubbed the “Temple City” – a nickname earned because of the 700 temples which once stood here. Bhubaneswar is named after the famous Shiv Linga of Lingaraja Temple which emerged on its own from the ‘Bhumi’ or Earth.



GOLDERN TRIANGLE OF ODISHA

The Golden Triangle is formed by the three cities of Odisha, namely Bhubaneswar, Puri and Konark. It marks as the most popular tourist destination and houses the important temples and monuments of the state. Odisha is a treasure trove of ancient Temples.

Jagannath Puri is one of the four Dharmas (holy pilgrims) of Hindus. The Sun Temple, Konark is the epitome of Temple architecture of Odisha constructed in 13th Century where ‘Surya’ or Sun is worshiped. Lingaraja Temple is dedicated to Lord Shiva and is one of the oldest temples in Bhubaneswar.



CULTURE AND ART

Odissi dance is popular along with Odissi music which is more than 2500 years old. It comprises of Tribal Music, Folk music, Light Music, Light-Classical Music and Classical Music.

Odisha handicrafts include applique work, brass and bell metal, silver filigree and stone carving. Other forms include Lacquer, Papier Mache, and tribal combs, handlooms and wood carving.



Sambalpuri Saree come in different colours and varieties making them very popular. Odisha handloom sarees are available in 4 major types; Ikat, Bandha, Bomkai, and Pasapalli. The tie-and-dye technique used by the weavers of Odisha is unique and gives the sarees an identity of their own. Sand art is a unique type of art form developed in Puri.

RARE EARTH ELEMENTS

CATALYSING ENERGY TRANSITION



IREL (India) Limited

(Formerly Indian Rare Earths Ltd)

A Govt. of India Undertaking

A Miniratna-I Company

+
tion

10K+
CSR beneficiaries

1.5K+
Industries supported
in the value chain

1K+
Families rehabilitated

1.5K+
Acres of Green belt
developed

INDUSTRIES CATERED

CONSTRUCTION | COSMETICS & SKIN-CARE | CHEMICALS | DEFENCE | ELECTRIC VEHICLES | ELECTRONICS
GREEN ENERGY | GUIDANCE & CONTROL SYSTEM | HEALTH CARE | LASER | METAL & ALLOYS | NUCLEAR POWER
PETRO CHEMICALS | PRECISION CASTING | PROSTHETICS | REFRACTORIES & FOUNDRIES | TELECOMMUNICATION

