

IIChE Celebrates Platinum Jubilee

1st Announcement

**Seminar on
Investment Opportunities for
Ancillary and Downstream Industries in Odisha**

October 15, 2022

ODICHEM-2022
ODICHEM-2022



Organized by



Indian Institute of Chemical Engineers
Bhubaneswar Regional Centre

In association with



ODISHA
NEW OPPORTUNITIES

Industrial Promotion and Investment
Corporation of Odisha Ltd.



Preamble

When India has announced to become 'Atma Nirbhar Bharat', industries are advised to be self-reliant with regard to raw materials, chemicals, intermediates and components etc. by developing Ancillary and Downstream Sectors around them. Ancillary and Sub Contracting started simultaneously with Govt. setting up enterprises almost in all the core sectors including manufacturing equipment for defence, railways, telecom, fertilizer etc.

Ancillary Industries are industrial undertakings engaged in the manufacture of raw materials, intermediate parts, components which can be supplied to other industries. Large industries like Telco, Escorts, Mahindra & Mahindra etc. have developed ancillaries who are subcontracted for supply of such items by Mother Industries. Similarly, Downstream products refer to final processes in production and sale of goods where finished products are manufactured and sold to consumers. Thus, the development of Ancillary and Downstream Sectors around major industries not only helps in Self Reliance for major industries but also helps in the growth of further industries in that sector.

Odisha takes pride in having its first major industry as Rourkela Steel Plant in mid-fifties at Rourkela. In subsequent years, Steel Sector has witnessed investment from Tata Steel, Jindal Steel and Power, Bhushan Steel, Jindal Stainless etc. Alumina and Aluminium Sectors have witnessed investment from NALCO, HINDALCO, Vedanta etc. Besides, investments have taken place in Beach Sand Complex of Indian Rare Earth, Phosphatic Fertilizers at IFFCO and Paradeep Phosphates as well as Refinery of Indian Oil. But, these industries are yet to witness the development of Ancillary and Downstream Sector in a major way.

With this background, Bhubaneswar Regional Centre of the Indian Institute of Chemical Engineers (IIChE-BRC) in association with Industrial Promotion and Investment Corporation of Odisha Limited (IPICOL) is organizing a seminar, ODICHEM-2022, on the theme "Investment Opportunities for Ancillary and Downstream Industries in Odisha" on 15th October, 2022 at Bhubaneswar.

This seminar will act as an excellent platform for investors, industry persons, R&D professionals and government officials to exchange ideas and opinions to promote investments in Ancillary and Downstream industries in the state. The seminar will present possibilities of Ancillary and Downstream industries around major industries in Odisha and will provide opportunities to investors and start-ups for investment.



Objective

The seminar is aimed at identifying the Ancillary and Downstream industries around the major industries in Odisha so that the potential investors, including the start-ups, can consider these industries for investment, supported by State Level industrial promotion organizations, such as IPICOL, IDCO etc. Deliberations in the seminar will focus not only on the identification and value addition but also on process technology, business opportunities and policy issues from both Govt. of Odisha and Govt. of India.

Once these Ancillary and Downstream industries are in place, the mother industries will be self-reliant with respect to their requirements and will provide major boost to the industrial revenue of the State of Odisha. Ancillary and Downstream clusters can be developed around Kalinga Nagar, Paradeep, Dhamra, Jharsuguda, Raygada, Angul, Gopalpur-Chhatrapur etc.



IIChE

Indian Institute of Chemical Engineers (IIChE) was born on the eve of the Indian Independence on 18th May 1947 with the purpose to spread Chemical Engineering education in the country and to foster the interest of the Chemical Engineering profession in general. The activities of the Institute are spread across the country through its 46 Regional Centres and more than 181 Student Chapters. Today, with around 30,000 members on its roll, the Institute has emerged as the apex professional body of Chemical Engineering professionals in India and has developed a distinct profile of its own. The Institute is completing 75 years of its existence and is celebrating its **Platinum Jubilee Year** during 2022.



IIChE-BRC

IIChE, Bhubaneswar Regional Centre (IIChE-BRC), formed in September 1991, has been functioning actively conforming to the goals of the IIChE. The Centre which started functioning with just 25 members is today having around 160 members in its fold. Two Student Chapters are functioning under the jurisdiction of this Centre. The Centre has organized many seminars and workshops since its inception. In recent past, this centre has successfully organized seminars; "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. Further, IICHe-BRC has successfully organized CHEMCON, the prestigious annual event of IICHe, in 2003 and in 2021.



IPICOL

Industrial Promotion and Investment Corporation of Odisha (IPICOL) was incorporated on April 12, 1973, by the Government of Odisha to promote medium and large-scale industries in the state which provides necessary support services including equity participation and long-term financial assistance. Over the years, as the industrial landscape of Odisha has evolved, the role of IPICOL has also evolved with it. Today, IPICOL is the single point of contact for all industrial investments in Odisha. It is responsible for devising and implementing the investment promotion, facilitation, and aftercare strategy of the state. IPICOL has also developed the online Single Window portal, GO SWIFT i.e. Government of Odisha – Single Window for Investor Facilitation and Tracking, to transform the B2G interface through the entire investment lifecycle. IPICOL is completing 50 years of its existence and is celebrating its **Golden Jubilee Year** in 2022-23.



Seminar Topics

Invited lectures on the following areas will be delivered and deliberated during the seminar:

Mining and Metallurgy: Odisha is a destination of choice for investors in the Mining and Metallurgical sector due to its natural resource advantage. It holds the lion's share of India's mineral reserves with 96% of the country's chromite reserves, 92% nickel, 53% bauxite, 45% manganese, 35% iron-ore and 23% coal reserves of India. This has made Odisha the largest producer of Steel, Stainless Steel, Ferro-alloys, Beach-sand materials, Alumina and Aluminium in India. Therefore, there is a huge opportunity for value addition in the downstream sector which can be capitalized with the availability of abundant feedstock. This abundance of natural resources along with a highly skilled workforce makes Odisha an ideal destination for developing Ancillary and Downstream industries and further strengthening the industrial ecosystem in the state.

The seminar aims at bringing together experts from industries such as NALCO, SAIL, Vedanta, Tata Steel, JSPL, JSW, JSL, Hindalco, IMFA, IREL etc. on a single platform to

put forth their views through invited lectures in order to make an overall assessment of the prospects of Ancillary and Downstream industries the state.

Chemical, Petrochemical, and Fertilizer: The Chemical, Petrochemical and Fertilizer sectors in Odisha are fast developing. IOCL's refinery at Paradeep, LNG terminal at Dhamra, Paradeep Phosphates Limited and the world's largest phosphatic fertilizer plant IFFCO at Paradeep provide promising opportunities for the growth of downstream industries for chemicals, petrochemicals and fertilizer sectors. Along with these, the upcoming Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR) in Paradeep further provides an opportunity for exponential growth in these sectors. The PCPIR at Paradeep is being developed as a world-class infrastructure to provide a conducive business environment and promote and attract exclusive investments in the Petroleum, Chemicals, Petrochemicals and allied sectors.

Invited lectures are sought from industries such as IOCL, Dhamra LNG, PPL, IFFCO, Smartchem Technologies, and JSPL (Coal Gasification Plant) to understand the prospects and challenges in terms of technological requirement, value addition, investment, and policy in these sectors.



Invited Speakers

Mr. Atanu Bhaumick, Director-in-charge/**Mr. Somanath Tripathy**, ED (Materials), RSP, SAIL

***Mr. Bijayananda Mohapatra**, COO, IMFA

***Mr. D. K. Saraogi**, Unit Head, JSPL, Angul

Mr. Debasish Nanda, Director (Business Development), CIL

Dr. Dhananjaya Sahoo, CGM (Petrochemical), IOCL, Paradeep

Mr. K. J. Patel, ED / **Shri P. K. Mahapatra**, Jt. GM (Tech), IFFCO, Paradeep

Mr. M.P. Mishra, Director (P&T), NALCO

Dr. Mukesh Kumar, Director, Steel Research & Technology Mission of India, Ministry of Steel, Govt. of India

Dr. R. N. Patra, Former CMD, IREL

Prof. S. Basu, Director, CSIR-IMMT, Bhubaneswar

***Mr. Sabaleel Nandy**, COO, PPL, Paradeep

***Mr. Sushant K. Mishra**, CEO, Dhamra LNG

Mr. Vilas Tathavadkar, CTO (Aluminium Upstream & Copper), Hindalco

*Confirmation Awaited



Venue

Hotel The New Marrion. Near Ram Mandir Square, Janpath, Bhubaneswar.



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(inner front/ inner back)

Rs. 15,000
+18% GST

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colour

Rs. 10,000
+18% GST

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colour



Payment

All payments are to be made Online/NEFT/Others to the following account details

Bank Account No.:10057863105

Account Name: Regional Centre IICHE

Bank Name: State Bank of India

IFSC Code:SBIN00007499

GSTN: 21AAAAI1126Q2ZV

or in shape of DD/Cheque, drawn in favour of '**IICHE, BHUBANESWAR REGIONAL CENTRE**' payable at Bhubaneswar. The payment should be sent to the Treasurer.



Registration

Delegates are requested to register through the following link after making payment.



<https://forms.gle/2k6opQyHFW315wfe8>

OR



Registration Fee

IICHe Members
Rs. 500 +18% GST

Non-Members
Rs. 1000 +18% GST



Steering Committee

Dr. Amit Chatterjee, Director (R & D), Vedanta Aluminium Business

Mr. Atanu Bhaumick, Director-in-charge, SAIL RSP

Mr. D. P. Misra, Former President, IICHe

Mr. M.P. Mishra, Director (P&T), NALCO

Mr. P R Mohanty, Former Chairman, Heavy Water Board

Dr. R. N. Patra, Former CMD, IREL

Mr. Rajib Dhal, GM, IPICOL

Dr. S. K. Tamotia, Former CMD, NALCO

Prof. S. Basu, Director, CSIR-IMMT

Mr. Sanjib Kumar Roy, Former Director (P&T), NALCO



Organizing Committee

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