

PREAMBLE

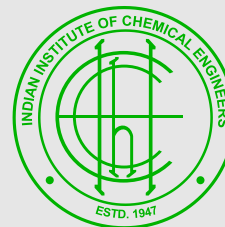
Coal is the primary energy source for India, meeting over 52% of primary commercial energy source against 30% world over. As per 2012-13 statistics, around 72% of India's power generation is coal-based. India has relatively large reserves of coal (253 billion tonnes) compared to crude oil (728 million tonnes) and natural gas (686 billion cubic metres). In view of the increasing energy demand of the country, coal is and will continue to play a pivotal role in India's energy sector.

Odisha possesses large deposits of coal and hence assumes an important destination for coal based projects. Normally in India, coal is extensively used for its calorific value for generation of Steam and Power. Attempts have been made in 1980s and 1990s for manufacture of Ammonia and Urea at Talcher in Odisha and Ramagundam in Andhra Pradesh by Gasification of Coal. But these plants for reasons best known to the Fertiliser Corporation of India, the owner of these plants, had to shut down by 2000. With increase in price of crude oil, touching to \$100/barrel, the manufacture of 'Transportation Fuels' and 'Substituted Natural Gas' through gasification of coal has assumed greater significance. Further, the Indian scenario of having third largest deposit of Coal in the world coupled with large imports of oil deserve serious consideration for setting up of Coal to Liquid Projects, now being widely executed in China.

With this background, the Bhubaneswar Regional Centre of IIChe has come forward to organize a seminar on **Coal Gasification** on 26th November 2014 at Bhubaneswar. The seminar aims at bringing together the experts from industries, academia, research institutes and policy planning bodies on one platform to put forth their views through invited lectures in order to make an overall assessment of the prospect of Coal Gasification technologies in India.

IIChe, BHUBANESWAR REGIONAL CENTRE

The Indian Institute of Chemical Engineers (IIChe), consisting of professionals from academia, R & D institutes and industries, is a professional society committed to the betterment of chemical engineering practice and profession through various activities, such as conducting workshops and seminars, promoting chemical engineering education through its own curriculum etc.. IIChe, Bhubaneswar Regional Centre, formed in 1992, has been

**Seminar
on
COAL GASIFICATION****26th November 2014, Bhubaneswar****Organized by****Indian Institute of Chemical Engineers
Bhubaneswar Regional Centre**

functioning actively conforming to the above mentioned goals of the IICHe. It has successfully organized many workshops and seminars on professionally relevant topics since its inception including CHEMCON, the prestigious annual event of IICHe, in 2003. Recently, on 10th March 2014, it has successfully organized a one-day seminar on PCPIR- Paradeep in collaboration with the Indian Chemical Council, Mumbai.

SEMINAR TOPICS

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

Indian Coal Scenario and its Utilization - Present and Future

Dr. A. Sinha, Director, CIMFR

Clean Coal Technology and India

Dr. K.V. Raghavan, Vice President, INAE



Coal Deposit in Odisha and its Utilization

Mr. J.P. Singh, Director(T), Mahanadi Coalfields

Beneficiation of Odisha Coal to Meet the Needs of Gasification

Mr. V.K. Sinha, Director (T), CMPDIL

Coal Gasification for Steel Industry

Mr. Jona Pillay, ED, JSPL



Coal Gasification for Methanol / Olefins

Mr. Rajesh Amba, Jacobs



Coal Gasification for SNG Manufacture

Haldor Topsoe



Coke Gasification for Manufacture of Ethanol / Acetic Acid

Mr. S. Shah, GM, IOCL



Coal Gasification for Manufacture of Fertilisers

Mr. C.M.T. Britto, Director, RCFL



Manufacture of Liquid from Coal

Mr. Ashish Logani, Fluor India



Compatibility of Low Rank Indian Coal for Gasification

Mr. A. Banerjee, Mr. S. Noel and Mr. V. Sai, Air Liquide



Coal Gasification Scenario in India and China

Mr. D.P. Misra, Director, DCPL



Underground Coal Gasification and Coal Bed Methane

Mr. M. Guha Roy, Essar Ltd



✓ - Confirmed by the speakers

VENUE

Hotel New Marrion

Near Ram Mandir Square,
Janpath, Bhubaneswar

REGISTRATION FEE

IICHe Members	: ₹ 1000
Non-members	: ₹ 1500

SPONSORSHIP

Platinum Sponsor	: ₹ 3,00,000
Gold Sponsor	: ₹ 2,00,000
Silver Sponsor	: ₹ 1,00,000

Each Platinum Sponsor, Gold Sponsor and Silver Sponsor will be entitled to depute seven, five and three delegates, respectively, free of registration fee. Besides, names of sponsors will be displayed on the seminar banner.

ADVERTISEMENT

Inner front folded (3 colour pages)	: ₹ 1,00,000*
Full page colour (back page)	: ₹ 35,000
Full page colour (inner front/ inner back)	: ₹ 25,000
Full page colour	: ₹ 20,000
Half-page colour	: ₹ 15,000

One full page colour advertisements will be printed free in the Souvenir for the Platinum Sponsors and the Gold Sponsors.

*Three free delegates will be admitted against advertisement of Rs. 1,00,000 .

VISIT TO JSPL

A visit to JSPL's Coal to Liquid Plant at Angul has been planned for delegates on 27th November 2014 at an additional cost of ₹ 3000 per person. The transport will start from Hotel New Marrion at 8.00 AM and reach Angul at around 10.30 AM. The plant visit is planned between 10.30 AM and 1.00 PM. After one hour of lunch break at Angul, the transport will bring back the delegates to Bhubaneswar by 5.00 PM.

ACCOMMODATION

There are a number of star and budget hotels in Bhubaneswar. Organizers will assist in arranging accommodation if request is made well in advance along with payment equal to the tariff for one day.

Hotel New Marrion offers the following discounted tariff (excluding taxes) for the delegates:

Executive Room : Single - ₹ 3,000 Double - ₹ 3,500

PAYMENT

All payments are to be made in shape of DD/Cheque, drawn in favour of '**Seminar on Coal Gasification**' payable at **Bhubaneswar**. The payment should be sent to the Treasurer of the seminar.

ABOUT BHUBANESWAR

Bhubaneswar, the capital of Odisha which is known as Temple City, is a very fast growing city having all the amenities of metros. Bestowed with magnificent sculptures and architectural heritage, Bhubaneswar occupies a significant position in the tourism map of India. It is well connected by road, rail and air to almost all parts of the country. The climate during November is quite pleasant with the average maximum and minimum temperature being 30°C and 18°C, respectively.

ORGANIZING COMMITTEE

Mr. D. P. Misra , Director, DCPL	Chairman
Prof. G. K. Roy , Former Director, NIT-RKL	Co-Chairman
Mr. B.V.R. Murthy , Scientist (Retd.), CSIR-IMMT	Organising Secretary
Dr. P. C. Rath , Scientist (Retd.), CSIR-IMMT	Jt. Organising Secretary
Dr. Swati Mohanty , Scientist, CSIR-IMMT	Jt. Organising Secretary
Dr. Kadambini Sarangi , Scientist, CSIR-IMMT	Treasurer
Mr. C.M.T. Britto , Director (T), RCFL	Member
Mr. Jonna Pillay , ED, JSPL	Member
Mr. S. Mitra , ED, IOCL	Member
Mr. D. Tripathy , Jt. P. & COO, Adani Synenergy	Member
Mr. D. S. R. Raju , COO, PPL	Member
Mr. J. Rath , Former ED, IOCL	Member

ENQUIRY & COMMUNICATION

Chairman	: Mr. D.P. Misra Email: dpmisra43@gmail.com Mobile: 91 9820049581
Organising Secretary	: Mr. B.V.R. Murthy Email: murthybhaskara@gmail.com Mobile: 91 9937344539
Jt. Organising Secretary	: Dr. Swati Mohanty , Sr. Principal Scientist Head, PEI Dept. CSIR- IMMT PO: RRL, Bhubaneswar - 751013 Email: swati.mohanty@gmail.com Mobile: 91 9437253298
Treasurer	: Dr. Kadambini Sarangi , Principal Scientist Hydro & Electrometallurgy Dept. CSIR-IMMT, PO: RRL, Bhubaneswar - 751013 Email: kadambini_sarangi@yahoo.com Mobile: 91 9861471034

Website : www.iiche-bbsr.org



Seminar on Coal Gasification

26th November 2014, Bhubaneswar

REGISTRATION FORM

Name: Dr./Mr./Mrs./Ms.....

Designation:.....

Organization:.....

Address for Communication.....

.....

.....

Mobile:..... Fax.....

Email:.....

Whether member of IChE: Yes / No

If yes Membership No.....

Accompanying Spouse Yes / No

Payment particulars:

Enclosed D.D./Cheque No..... amounting ₹

towards Registration Fee payable at Bhubaneswar.

Date:.....

Signature

All payments are to be made in shape of DD / Cheque, drawn in favour of
'Seminar on Coal Gasification' payable at **Bhubaneswar**. The payment
should be sent to the Treasurer latest by 15th November 2014.