



CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH

(Council of Scientific and Industrial Research)

Two-Day Workshop on **CHALLENGES AND OPPORTUNITIES OF UNDERGROUND COAL GASIFICATION IN INDIA (UCG-2017)**

13th – 14th February, 2017 | Vigyan Bhawan, New Delhi

As part of

CSIR Network Project CoalGasUrja

The workshop on UCG will involve expert lectures on the following themes:

- Energy Scenario in India vis-à-vis Regulatory and Policy Issues
- Fundamentals of Underground Coal Gasification Technology
- Geological Controls in UCG
- Modelling and experimental studies in coal gasification
- Technological Advances and Barriers
- Global Development of Commercial Underground Coal Gasification
- Relevance of Underground Coal Gasification in India
- Case studies of UCG in India and abroad

ORGANIZING COMMITTEE

Chairman:	Dr. Pradeep K Singh, Director, CSIR-CIMFR, Dhanbad
Organizing Secretary:	Dr. Ajay K Singh, Nodal Scientist – Project CoalGasUrja
Joint Org. Secretary:	Dr. Debadutta Mohanty, Senior Scientist, CSIR-CIMFR

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Mr. Jaywardhan Kumar, CSIR-CIMFR

Welcome Message

Distinguished Guests, Ladies and Gentlemen,

CSIR-Central Institute of Mining and Fuel Research (CSIR- CIMFR), Dhanbad is committed to provide long-term energy solutions for achieving sustainable development. With this goal, the Institute undertook the CSIR Network Project on *Development of Underground Coal Gasification Technology in India* (Project CoalGasUrja). The project aims at identifying cost-effective opportunities for UCG in India. As industry-academia interaction is the primary hallmark of CSIR, we are organizing this two-day workshop on the *Challenges and Opportunities of Underground Coal Gasification in India* for sensitizing industry personnel, energy planners and experts engaged in R&D on UCG.

The resource persons in this workshop will be a mix of industry professionals and senior academic researchers who will present the cutting edge work on UCG. The speakers will include some of the key global and Indian experts in the area, who bring-in with them their expertise which spans decades of professional experience and understanding of real-world challenges in the mining and fuel industry. For instance, Dr. Michael S. Blinderman, Director (Operations), Ergo Exergy Technologies Inc, Canada, and a globally renowned expert in UCG has agreed to deliver the plenary lecture at this event. Scientists from CSIR-CIMFR have been important stakeholders for UCG in India, with their role in preparing important reports under the aegis of the Office of the Principal Scientific Advisor to the Government of India and the Technology Information, Forecasting and Assessment Council (TIFAC). CSIR-CIMFR also recently completed a major S&T project on UCG funded by the Department of Electronics and Information Technology, Government of India. In total, the event will provide an excellent platform for deliberations on UCG, and its scope in India. We are also in talks with international publishing houses for publication of the lecture notes of the event.

We would request the prospective delegates of the event to kindly contact us at ajay.cimfr@gmail.com / drdmohanty@gmail.com for expressing their desire to participate in this workshop. We request a modest registration fees at the event.

Industry Professionals	Rs. 5000	Payment may be made using the online link https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=377003 and selecting Payment Category as National Seminar/Symposia/Workshop/Training
Academics & Researchers	Rs. 2500	
Students	Rs. 1000	

UCG-2017 also provides an excellent opportunity for promotion of companies in power mining, petroleum and exploration sectors. The ranges of sponsorship are presented below:

Platinum Sponsorship	Rs. 1,00,000	4 complimentary delegate registrations, Company's Logo on Top of Backdrop
Gold Sponsorship	Rs. 50,000	2 complimentary delegate registrations, Company's Logo on Backdrop
Silver Sponsorship	Rs. 30,000	1 complimentary delegate registrations, Company's Logo on Backdrop
Workshop Support	Rs. 15,000	Full-page advertisement in Abstract Book

We shall be happy to assist you during your visit to this workshop and look forward to welcome you at UCG – 2017 in New Delhi.

Dr. Pradeep K. Singh
Chairman

Dr. Ajay K. Singh
Organizing Secretary

Dr. Debadutta Mohanty
Joint Organizing Secretary

ABOUT CSIR-CIMFR

CSIR-Central Institute of Mining and Fuel Research (CSIR- CIMFR), Dhanbad is a pioneer R&D institute in the fields of mining and fuel technologies and a constituent laboratory of Council of Scientific and Industrial Research (CSIR), Government of India, New Delhi. The Institute was formed in April 2007 after integrating the core competencies of erstwhile Central Fuel Research Institute (CFRI) established in 1946 and Central Mining Research Institute (CMRI) established in 1956, the two national laboratories of CSIR. After consolidation, the widened bandwidth of the institute covers R&D support to the entire coal chain starting from mining to utilization. The focused R&D areas are resource quality assessment of coal, gassiness study of coal seams, coalbed methane (CBM)/coal mine methane (CMM)/shale gas, underground coal gasification (UCG), mine fire evaluation and control, disaster management in mines, ventilation planning and design, design of mining structures including supports, rock mechanics and ground control, mass production technology, blasting, thick and complex seam mining, mine subsidence, hard roof management, slope stability, stowing, EIA/EMP, coal combustion, beneficiation, carbonization, liquefaction, fly-ash utilization, coastal placer mining, and the state-of-art computational facilities. The institute is also actively involved in metal mining, design of hydro-electric projects, underground space technology, socio-economic development of people residing in mining areas, etc.

For More Details, please contact:

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Chairman, UCG - 2017

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