

**SOLAR**

**BULK**

**INITIATING DEVICES / ACCESSORIES**

**CARTRIDGES**

**Solar Industries India Limited  
Economic Explosives Limited**

11, Zade Layout, Bharat Nagar, Nagpur - 440033, (M.S), INDIA.  
Phone : +91-712-2561000, 2560010 Fax : +91-712-2560202  
Email : solar@solargroup.com Web : www.solargroup.com

QUALITY • SAFETY • RELIABILITY

**About ICOMS-2018...**

The fossil fuel based energy sector, where Coal is the primary ingredient, is slowly being replaced by environment friendly 'Green Energy'. In this transitory stage it is becoming more important for Coal Industry to reorient itself to remain relevant in the energy sector in a sustainable manner. On the eve of World Energy Conservation Day, Northern Coalfields Limited is organizing the 1st International Conference on Opencast Mining Technology and Sustainability (ICOMS-2018) on 14th December, 2018 at Singrauli, Madhya Pradesh, India. The ICOMS-2018, aims to provide forum for the peers and blossoms of the scientific community to interact and exchange their knowledge in the field of Opencast Mines.

**Northern Coalfields Ltd....**

**Northern Coalfields Limited, Singrauli**, a Public Sector Company Mini Ratna Category-I, a wholly owned subsidiary of Coal India Limited, under the Ministry of Coal, Government of India) is a major contributor to energy requirement of the nation. NCL's main products include non-coking coal in the range of grades G5-G11 besides 'De-shaled Coal' and the 'Coal Rejects'. About 90% of the coal produced is dispatched to Power Sector. At present, there are 10 nos. of highly mechanized opencast mines (in MP and UP) which deploy large capacity equipment like Draglines, Shovels, Dumpers, and Surface Miners of varying capacities. For more info, please visit: www.nclcl.in

**Knowledge Partners....**

**Indian Institute of Technology (IIT), Varanasi** IIT BHU is a public engineering institution located in Varanasi, Uttar Pradesh, India. Founded in 1919 as the Banaras Engineering College, it became the Institute of Technology, Banaras Hindu University in 1968. It was designated an Indian Institute of Technology in 2012. IIT (BHU) Varanasi has 14 departments and 3 inter-disciplinary schools. For more information please visit <https://www.iitbhu.ac.in/>

**AKS University, Satna(MP)** is imparting state-of-the-art education in engineering, agriculture, life sciences, IT, MBA, Social Sciences in addition to conducting Research and Industrial consultancy. Its Mining Engineering department in less than five years time had emerged as a prominent mining education department imparting Diploma, B.Tech, M.Tech and Ph.D programs. It had also taken up several consultancy and research programs for NMDCL, Hindalco Industries, JSW Cements, Maihar Cements, Utkal Alumina etc. [www.aksuniversity.ac.in](http://www.aksuniversity.ac.in)

**The Indian Mining & Engineering Journal** published every month since 1961 had made significant presence in Indian mining sector for dissemination of knowledge amongst all the stakeholders. Since last 10 years it had instituted the Annual Awards, to felicitate the distinguished personalities who have contributed for the growth of the coal and mineral sector. Young scientists are also felicitated on the occasion to make them ready to face the challenges in the years ahead [www.iksminingjournal.com](http://www.iksminingjournal.com)

**THEME : Opencast Mining Technology**

- Production, productivity and safety: New methods to facilitate high stripping opencast mining with improved productivity and economics
- Design and development of software to design mine working slope and dumps

**Advanced Blasting techniques** • Methods to extract inter-mine boundary coal

**Unconventional Mining Methods** • Best Practices / Benchmarking in maintenance and operations in OC mining

**Optimum use and maintenance of HEMM (Dragline, Shovel etc.)**

**Automation and Artificial Intelligence in OC mining**

**THEME : Environmentally Sustainable Methods**

- Mitigative measures to check pollution load on air and water within safe limits
- Alternatives to blasting technology, i.e., mitigating ground vibrations and air blast
- Developing eco-friendly logistics infrastructure
- Mine Closure & sustainable energy management.

**Sponsorship Opportunity....**

Platinum Sponsor : 8.00 lacs (9 free delegates)  
Diamond Sponsor : 5.00 lacs (8 free delegates)  
Gold Sponsor : 3.00 lacs (6 free delegates)  
Silver Sponsor : 2.00 lacs (4 free delegates)  
In addition to One Coloured Advt., prominent display of logo in the Dias & other publicity material.  
Sponsorship Opportunity Registration/Delegate Fees  
All payments, may please be sent to Convener

**Registration / Delegate Fees..**

- Industry (Non-residential) : ₹ 7000/-
- For Faculty members/Research fellows ₹ 3000/-
- R&D Institution : ₹ 5000/-
- Foreign Delegates : 200 USD

**Advertisement tariff** for the Special Issue of THE IME Journal & Conference Proceedings Volume to be published containing the technical/scientific papers

- Front page Cover (size 19x19cm) & Back (size 19x25cm) : ₹ 60,000
- Coloured Front Cover(Inside) (size 19x25cm) : ₹ 25,000/-
- B&W Ordinary (19x25cm) : ₹ 18,000/-

Manufacturers can display their product & distribute product literature to the delegates. For details contact Co-Convener

**How to reach Singrauli..**

Singrauli is connected by flight up to Varanashi and Jabalpur Airport. From Varanashi can be reach by road and from Jabalpur by trains.

**Where to Stay..**

Limited accommodation is available at NCL Guest Houses. Hotels are available in the vicinity. All the delegates, participants are advised to send their requests for accommodation in advance at [icoms.ncl@coalindia.in](mailto:icoms.ncl@coalindia.in).

**Convener : Mr. Satish Jha**  
General Manager, Corporate Planning, NCL.  
Ph: (07805-206961) - (91-9406711655)  
Email: [icoms.ncl@coalindia.in](mailto:icoms.ncl@coalindia.in)  
[gmpcp.ncl@coalindia.in](mailto:gmpcp.ncl@coalindia.in), [cgmpplanning@gmail.com](mailto:cgmpplanning@gmail.com)

**Convener (Technical) : Dr. G.K. Pradhan**  
Prof. of Mining & Dean  
Faculty of Engineering & Technology  
AKS University, Satna (M.P.)  
Cell No. : +91 8120003355  
E-mail : [gkpradhan58@gmail.com](mailto:gkpradhan58@gmail.com)

**Co-Convener : Mr. Bhartendu Kumar**  
Chief Manager, Nigahi Area, NCL.  
Ph: +91-9425176789  
Email: [bhartendu100@gmail.com](mailto:bhartendu100@gmail.com)

**Co-ordinators : Mr. Pradeep Kumar**  
Asst. Manager, Technical Secretariat of CMD, NCL.  
Ph: +91-9408965039  
Email: [pradeep.1090@coalindia.in](mailto:pradeep.1090@coalindia.in)

**Mr. Himanshu Wadhvani**  
MTI(Mining), Amlohri Area, NCL.  
Ph: +91-7828688930  
Email: [himanshu.wadhvani@coalindia.in](mailto:himanshu.wadhvani@coalindia.in)

[www.nclcl.in](http://www.nclcl.in)

Registered No. - BN / 41 / 18 - 20

Newspaper Regd. No. R.N. 6462/62

**CHINA MINING CONGRESS AND EXPO 2018**  
Premier International Conference and Exhibition  
October 18 - 20, 2018 Tianjin · China

20+ Foreign Ministers and Envoys  
40+ Informative Forms and Shows  
60+ Countries and Regions  
150+ Mining Projects for Matchmaking  
250+ High-Profile Speakers

10+ Minerals-Rich Countries Pavilions  
600+ Exhibitors (Incl. 30% Equipment Manufacturers)  
1000+ Enterprises/Institutions/Associations  
12000+ Business Delegates and Visitors  
30000+ Sqm Exhibition Display Area

**Key Features on CHINA MINING 2018**

- Top Mining Event in China
- Premier Mining Congress in the world
- Barometer and Vane of the Mining Development
- The Most Respected and Professional Mining Expo in China
- A Global Mining Forum of the Industry Leaders and Leading Experts
- An All-Round Platform for Networking and Mining Projects Matchmaking
- The Best Platform for Brand Marketing and Corporate Image Dissemination

**20 YEARS ANNIVERSARY**

**CHINA MINING 2018**  
中国国际矿业大会

Tel: +86 22 23120920 / 23126061  
Fax: +86 22 23120583  
E-Mail: [info@chinaminingtj.org](mailto:info@chinaminingtj.org)  
<http://www.chinaminingtj.org/en/>

**57 YEARS 1961-2018**

**THE INDIAN MINING & ENGINEERING JOURNAL**  
(INCORPORATING MINERAL MARKETS)

Annual Subscription Rs.550/-  
Unit price: Rs.50/-  
ISSN 0019-5944

VOLUME - 57 NO. 10 (MONTHLY) 36 pages  
7th OCTOBER 2018  
UGC Approved list of Journals No. 20912

Organized By **NCL**

**INTERNATIONAL CONFERENCE**  
14-16 Dec. 2018

**ICOMS 2018**  
Opencast Mining Technology & Sustainability  
SINGRAULI - INDIA

**VENUE:**  
Northern Coalfields Limited,  
Singrauli P.O: Singrauli (M.P.) 486889

**Knowledge Partners**

**Call For Papers IMPORTANT DATES**

Last date of submission of abstract	October 20 <sup>th</sup> , 2018
Notification for acceptance of abstract and registration open	October 25 <sup>th</sup> , 2018
Last date of submission of paper	November 15 <sup>th</sup> , 2018
Conference registration deadline	November 20 <sup>th</sup> , 2018
Notification for time and slot of presentation	December 1 <sup>st</sup> , 2018
Date of Conference	December 14-16 <sup>th</sup> , 2018

Abstracts in 500 words may please be sent to [icoms.ncl@coalindia.in](mailto:icoms.ncl@coalindia.in) & [gkpradhan58@gmail.com](mailto:gkpradhan58@gmail.com)

**CO-PATRONS**  
**Prof. Pramod Kumar Jain**  
Director  
IIT-BHU, Varanasi

**Prof. Paritosh K. Banik**  
Vice Chancellor  
AKS University, Satna

**PATRON**  
**Shri Prabhakar Kumar Sinha**  
Chairman cum Managing Director  
Northern Coalfields Limited

**CO-PATRONS**  
**Shri Gunadhar Pandey**  
Director (Tech./Opns), NCL  
**Shri P M Prasad**  
Director (Tech./P&P), NCL  
**Shri N N Thakur**  
Director (Fin.), NCL