

**Three Days Corporate  
Development Program On  
'Explosives, Blasting & Related  
Safety Issues'**

**January 3-5, 2017**

**Organized By**



**INTERNATIONAL CENTER OF  
EXCELLENCE IN MINING SAFETY  
& AUTOMATION (iCEM)**

GMDC Building, 2<sup>nd</sup> Floor, Khanij  
Bhavan, 132 Feet Ring Road,  
Vastrapur, Ahmedabad,  
Gujarat (India) -380 052  
Phone: 079-27912350  
E-mail: [info@icem.in](mailto:info@icem.in)  
Web: [www.icem.in](http://www.icem.in)

**About iCEM**

International Center of Excellence in Mining Safety and Automation (iCEM), is a registered Society under Societies Registration Act, 1860 and it is being promoted by GoG through Gujarat Mineral Development Corporation (GMDC) as Principal Promoter; Pandit Deendayal Petroleum University (PDP) and IIT Kharagpur as National Academic Partners; University of Wollongong (UoW), Australia as an International Academic Partner and TAFE Illawara, Australia as an International Vocational Education partner as Centre for Excellence (CoE) in Mining sector with focus on Safety and Automation.

**About The Program**

It is very well understood that despite many alternatives, rock blasting is still the most inexpensive and versatile method of breaking rocks. However, it is not worthy that rock blasting is very curtail operation as it has tremendous potential to influence to the downstream mining operation and their costs. The current day blasting has evolved with plethora of methods, techniques, gadgets, software and automation.

In this light, it is important that the practicing blasting professionals must be updated with the state of the art blasting tools, techniques and gadgets. As such, the three days corporate development program is being organized by iCEM to disseminate the knowledge and update the practicing engineers in order to improve the blasting and downstream operations productivity.

The program will be organized by way of delivering of lecturers by specialist in the field of rock blasting. Several case studies pertaining to surface coal mines, surface hard rock mines, limestone quarries, etc. will be essential part of the coursework. The coursework aims to cover the following areas.

## Key Topics to Be Covered

- Blasting design & fragmentation in surface coal mine with emphasis on case studies.
- Blasting design & fragmentation in surface hard rock mines with emphasis on case studies.
- Blasting design & fragmentation in lime stone quarries with emphasis on case studies.
- State of the art tool and gadget (software & hardware) and their importance in rock blasting.
- Mitigation of blasting nuisances.
- Safety in blasting operations.

## Who Can Attend?

- Middle level corporate managers from coal, metal & allied mineral industry.

## Speakers:

- Prof. Piyush Rai, Director, iCEM.
- Prof. Sushil Bhandari, MD Earth Resource Technology, Jodhpur & Director, Continuous Excellence, Melbourne, Australia.
- Prof. Bhanwar Singh Choudhary, Asst. Prof., Department of Mining Engineering, Indian School of Mines, Dhanbad.

**Venue:** International Center of Excellence in Mining Safety & Automation (iCEM), 2<sup>nd</sup> Floor, GMDC Building, Khanij Bhavan, 132 Feet Ring Road, Vastrapur, Ahmedabad, Gujarat (India) -380 052.

**Program Fee:** Rs. 20,000/- per candidate inclusive of accommodation and food.

## Payments:

The payment can be send through cheque / demand draft in favour of 'International Center of Excellence in Mining Safety and Automation (iCEM)' payable at Ahmedabad.



## REGISTRATION FORM

### Three Days Corporate Development Program on 'Explosives, Blasting & Related Safety Issues' January 3-5, 2017

1. Name:.....
2. Designation & Affiliation:  
.....  
.....
3. Communication  
Address:.....  
.....  
.....
4. Contact Details:  
Mobile:.....  
Ph.:.....  
E-mail:.....
5. Details Cheque / Demand Draft:  
Cheque/DD  
Number.....  
Bank Name:.....  
Dated:.....  
Amount:.....
6. Signature:.....

Filled registration form along with Cheque / DD may be sent latest by December 15, 2016.

**Prof. Piyush Rai, Director,  
INTERNATIONAL CEN**

**TRE OF EXCELLENCE IN MINING  
SAFETY & AUTOMATION (iCEM)**  
GMDC Building, 2<sup>nd</sup> Floor, Khanij Bhavan,  
132 Ft Ring Road, Vastrapur,  
Ahmedabad-52.

Ph: (079) 2791 2350 | E-mail: [info@icem.in](mailto:info@icem.in)  
| Website: [www.icem.in](http://www.icem.in)