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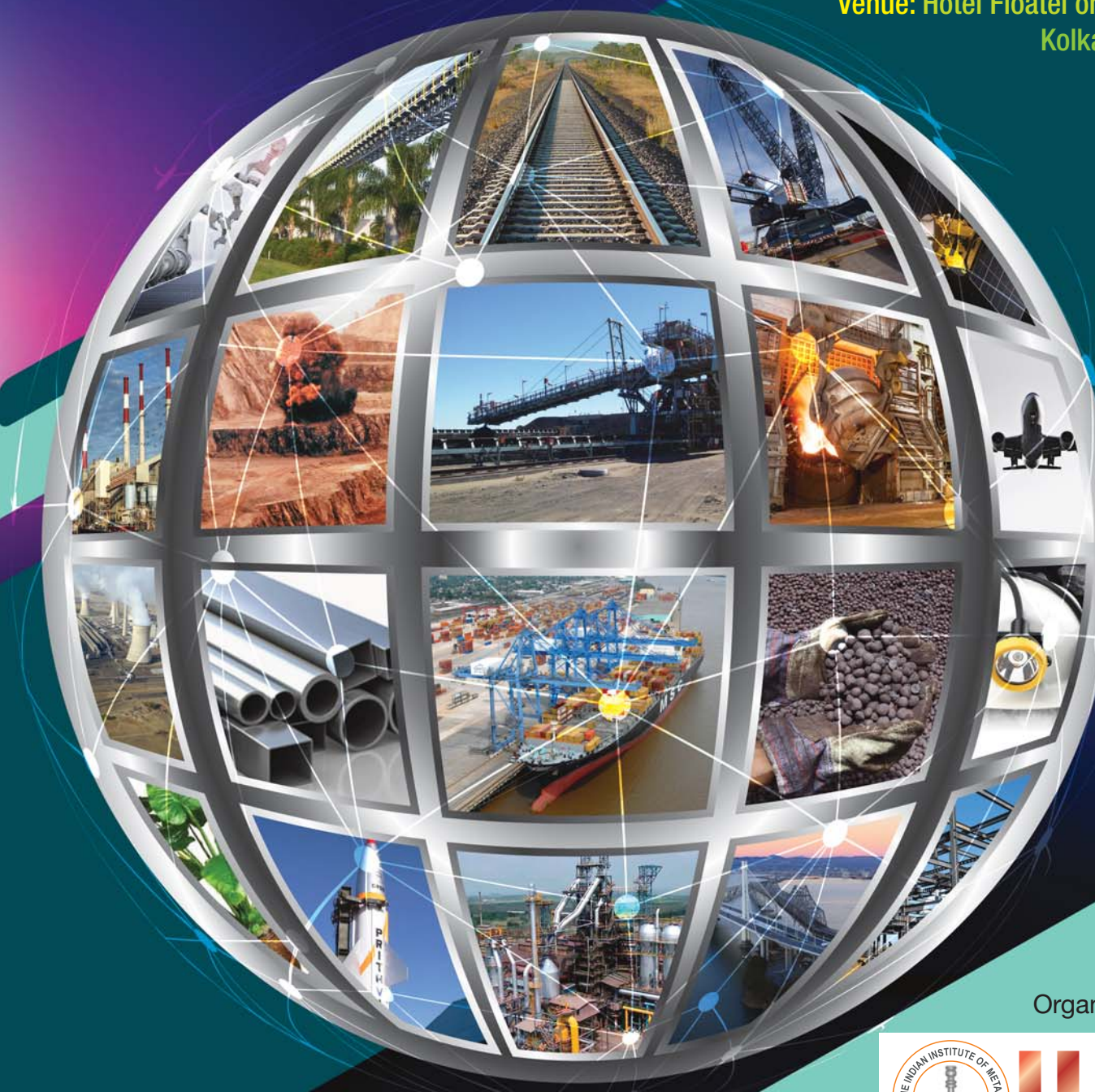
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INTERNATIONAL SEMINAR on Prospects and Challenges in Metallurgical and Allied Industries with Special Emphasis on Quality, Safety and Environment

Date: Friday, 22nd February, 2019
Venue: Hotel Floatel on Ganges
Kolkata, India



Organised by:



The Indian Institute of Metals
Kolkata Chapter

Phone: 033-2441 6428, 9432207561
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INTERNATIONAL SEMINAR ON PROSPECTS AND CHALLENGES IN METALLURGICAL AND ALLIED INDUSTRIES WITH SPECIAL EMPHASIS ON QUALITY, SAFETY AND ENVIRONMENT

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Rationale for the Topic

Metallurgical and related industries play a significant role in the continuity of economic development of all nations. Despite the continuous shift towards a knowledge based society, metal usage will continue to play a significant role in our society, to meet and sustain its increasing demand for improving quality of life. Today world annual crude steel output has crossed 1.6 billion tonnes, China producing half of this, almost 85% being consumed internally, meeting massive and incredible growth of construction activities, automotive industries, machine building and the like. India, as second largest producer is well behind at 105 million tonnes. The Government of India has taken several initiatives to augment metal and mineral processing industries. Ministry of Steel, Government of India has recently announced National Steel Policy 2017 with targets by 2030-31 to build globally competitive industry with crude steel capacity of 300 mtpa. This will increase per capita consumption of steel to 160 kg (compared to present level of 61 kg). Additionally, plan is to meet the entire demand of value added steels for automobile, electrical and strategic applications addressing to defence and nuclear applications. In consonance with the steel industry, the growth of allied industries like mining (coal and other raw materials), non-ferrous, transport, construction, pollution control equipment etc., is imperative and have been addressed in the NSP.

While Steel by itself is a wonder material, invented by Man, its manufacture is beset with significant Hazard, Environmental and Energy ramifications, besides very close attention needed on quality aspects at every step of processing. No steel plant worth its steel can have 100% risk free operations. What is important for the Management is to identify and address to the hazards and reduce probability of accidents if not altogether eliminate it. World Steel Organisation enshrines "nothing is more important than the safety and health of the people who work in the steel industry". Steel Plant operations, historically has been looked upon as "dirty business". Integrated plants having polluting units like raw material handling coke ovens, sinter plants, blast furnace, and downstream operations were earlier responsible for significant discharges of solids and liquid pollutants, including hazardous wastes. New environmental legislations with strict surveillance on one hand and improved steel making technology on other, situation has undergone sea change. However, more needs to be done. The purpose of this seminar is to deliberate on the above issues with appropriate case studies, the experience which can be shared by all present.

About IIM

The idea of forming of an Indian Institute of metallurgists/ technocrats was conceived as early as 1945. Starting with a modest membership of 42, the IIM membership now stands at more than ten thousand drawn from various fields of metallurgical activities. Kolkata is the Head Quarter of the IIM. The institute has grown into a reputed institution devoted to promotion and advancement of study, practice and research of Metallurgical Science and Technology. The IIM is now recognised throughout the world as one of the premier metallurgical organizations and operates in India through its 62 chapters located in all the Metros, Industrial cities and Technical institutes of repute. The strength of Kolkata chapter is more than 500 members, with its own building for conducting regular activities. The scope of the Institute's activities includes organising seminar

technical workshops, discourses on various areas such as mineral beneficiation, extraction, fabrication, heat treatment, finishing as well as practical and theoretical aspects of metallurgy of all ferrous and non-ferrous metals and alloys. Ceramics and other disciplines and technologies allied to metallurgical problems also come under the scope of the Institute. Detailed information about the Institute can be obtained from the websites www.iim-india.net and www.iim-kolkata.com.

Invitation to Delegates, Advertisers and Sponsors

For intensive interaction with all stakeholders, the organizer (IIM) takes pleasure in inviting Delegates, Advertisers and Sponsors to participate in full strength the make the event a grand success.

Who Should Attend

- Metallurgical/Chemical Engineering Consultants.
- Technology Providers and Designers in Mining, Mineral Beneficiation, Metals, Manufacturing, Processing & Allied industries like coke making, cement manufacturers, Power & Energy sectors (Generation and Transmission).
- Equipment Manufacturers, Infrastructural Builders and Logistics Providers.
- Safety Engineering Consultants.
- Environmental and Pollution Control Equipment Manufacturers.
- Energy Conservation Technology Experts.
- Academicians and R&D personnel.
- Government Agencies and Policymakers.

Programme

- 09.00 am – Registration
- 10.00 am – Inaugural Session
- 10.15 am – Keynote Address followed by Panel Discussion
- 11.15 am – Technical Session - I
- 01.45 pm – Lunch
- 02.30 pm – Technical Session - II
- 04.30 pm – Interactive Session and Valediction
- 05.00 pm – Evening Tea

Call For Papers

Individual and contributory papers are solicited from national and international organisations, individuals and agencies involved in Mining, Mineral Processing, Metals Manufacturing & Processing and associated areas.

Please send the technical papers/presentations (in soft copies) to the following:

Convener : <tapchak2014@gmail.com> mob 9230029517, with copies to

Co-convener : <akray1952@gmail.com> mob 8420485303

Chairman : <pritishsen2018@gmail.com> mob 9230639343

Hony. Secy : <swapan20051@yahoo.co.in> mob 9830917506

Submission of extended abstracts (about 500 words) : 31st January, 2019

Confirmation of acceptance of paper : 10th February, 2019

Submission of full length papers : 15th February, 2019

Registration Fees (excluding GST as applicable)

- Corporate / Industry / R&D Personnel: ₹ 4000/- (Per Head)
- Foreign Delegate € 55/US\$ 65 (Per Head)
- Faculty Members and Academicians: ₹ 2000/- (Per Head)
- IIM Members (In Service, Self Sponsored): ₹ 1500/- (Per Head)
- IIM Members (Retired from Services): ₹ 700/- (Per Head)
- IIM Student Members/Non-student members: ₹ 300/500 (Per Head)

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- Silver Sponsor ₹ 150,000/-/US\$ 2300 (incl. 6 free delegates, full page colour ad.)
- Bronze Sponsor ₹ 100,000/-/US\$ 1600 (incl. 4 free delegates, full page colour ad.)
- Seminar Kit Sponsor ₹ 75,000/-/US\$ 1200 (incl. 3 free delegates, full page colour ad.)

Advertisement Tariff (Excluding GST as applicable)

- Front Cover (part) - colour ₹ 35,000/-
- Back Cover - colour ₹ 30,000/-
- Inside Front & Back Cover - colour ₹ 25,000/-
- Full Page - colour ₹ 20,000/-
- Banner ₹ 25,000/- (includes 1 free delegates)

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About
the
Venue

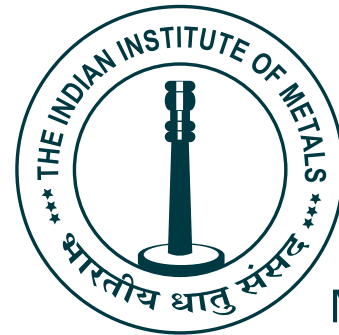


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IIM

Metallurgy
Materials Engineering

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