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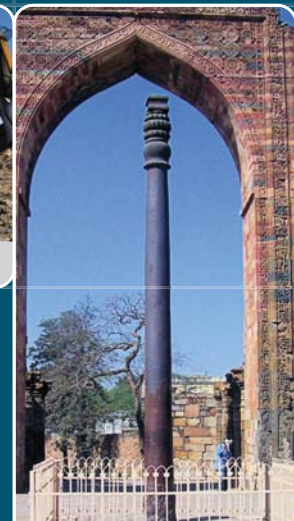
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## NATIONAL SEMINAR ON

# MAKE IN INDIA CHALLENGES FOR INDIAN INDUSTRIES (MINING, METAL AND SERVICES)



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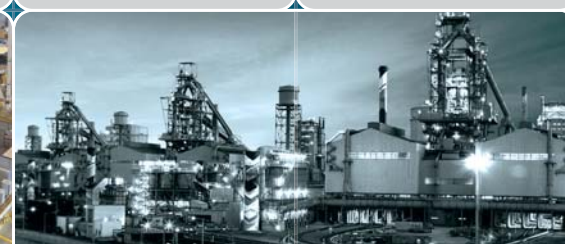
TRAINING - MAKE IN INDIA



PORT FACILITIES



AERO INDUSTRY



INTEGRATED STEEL PLANT



THERMAL POWER PLANT



PELLETISING PLANT



DEFENCE

Date: Thursday, 17th December, 2015

Venue: Taj Bengal, Kolkata

Organised by:



The Indian Institute of Metals - Kolkata Chapter

Phone: 033-2441 6428, 9432207561 Email: iim\_kol@yahoo.co.in

## Rationale for the Topic

Evidences of the ancient Indian knowledge in Iron making and dexterity in shaping is testified by the remarkable structures like the Delhi Iron Pillar and Wrought Iron Beams used in construction of the ancient temples. Perhaps the most famous example of ancient India's mastery on metallurgy was the making of the forged steel blade for world famous Damascus Sword. However industrial development in India lost pace and failed to hitch the ride in the band wagon of the Industrial Revolution thereby lagging far behind Europe and America. So the wheel turned a full circle for the Indian Industry when our Hon'ble Prime Minister Sri Narendra Modi urged our country men once again to restore India's prominence through "MAKE IN INDIA". However it will be a mistake to assume that constructing and operating our Indian Industry today is dependent on outside assistance, an usual feature few decades back. None the less, it is also true that Indian industry builders still import crucial equipment, particularly those pertaining to new process technologies. Besides, Indian Industry is still dependent on foreign inputs in the areas of Clean mining technology, computerised process control systems, robotics, instrumentation, production of certain grades of Steel, large infrastructure, handling and transportation facilities. The clarion call of our Hon'ble PM, will no doubt bolster our effort in the Metal and allied Industry. We present day Metallurgists and Metal I Makers shall make India occupy the pride of place, once held for centuries. The signs are already there.

## About IIM

The idea of forming of an Indian Institute of metallurgist/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 Quarters of the IIM. The Institute has grown into a reputed institution devoted to promotion and advancement of the study, practice and research of Metallurgical Science and Technology. The IIM is now recognised throughout the world as one of the premier metallurgical organisations and operates in India through its 48 Chapters located in all the Metros, Industrial cities and Technical Institutes of repute. The strength of Kolkata chapter is more than 350 members, with its own building for conducting regular activities. The scope of the Institute's activities includes organising, seminars, 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. The activities of the Institute include organising national and international technical conferences and programmes, research activities, publications, conducting qualifying examinations etc. Detailed information about the Institute can be obtained from the websites <www.iim-india.net>, <www.iim-kolkata.com.>

## Invitation to Delegates, Advertisers and Sponsors

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

## Who Should Attend

- Metallurgical engineering Consultants.
- Designers and Technology providers of Steel Plants and other Metal and Refractory producing plants.
- Matching input providers from mining and raw material sectors, Power (generation and transmission)
- Equipment manufacturers and infrastructural builders.
- Environmental and pollution control equipment manufactures to meet regulatory requirements.
- Energy conservation technology experts and experienced personnel.
- Academics (Institutes) and research (R&D) personnel engaged in developing new steel and other metals meeting import substitution.
- Process operation personnel with case studies in operating new technologies and producing newer and better quality Ferrous and Non Ferrous metals and alloys.

## Programme

- 09.00 am – Registration
- 09.30 am – Inaugural Session
- 10.30 am – Keynote Address followed by Panel discussion
- 11.15 am – Technical Sessions - I
- 01.45 pm – Lunch
- 02.30 pm – Technical Sessions - II
- 04.00 pm – Interactive Session
- 04.30 pm – Valedictory Session
- 05.00 pm – Evening Tea

## Call For Papers

Individual and contributory papers are solicited from national and international organisations, individuals and agencies involved in the areas of Metallurgical Plant Design and Technology providers and associated industries, Plant Equipment manufacturers and suppliers, infrastructural builders, Mining Technologists, Academics and Research & Development personnel, Plant Operation Personnel, Environment and Pollution Control Equipment Builders & Suppliers, Energy and Environment Management Practitioners.

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

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

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

Chairman : <psen@tatasteel.com>mob 9230639343

Hony Secy : <swapan20051@yahoo.co.in>mob 9830917505

**Submission of Abstract** 15th October, 2015

**Submission of full paper** 15th November, 2015

## Registration Fees

- |                          |     |        |
|--------------------------|-----|--------|
| • Delegate               | INR | 3000/- |
| • General Members of IIM | INR | 1000/- |
| • Student Members of IIM | INR | 500/-  |

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