

International Conference on "Indian Metals Industry – Shaping the Next Decade (Feb.2011)" – A Brief Review

The Indian Institute of Metals – Delhi Chapter organizes a biennial event – Exhibition cum Conference (MMMM) since 1996. This year's conference theme was "Indian Metals Industry - Shaping the Next Decade".

The 8th International Conference on Minerals, Metals, Metallurgy and Materials was held at Pragati Maidan, New Delhi during 12-14 February 2011. The Conference provided a platform to stalwarts in the relevant technical fields, policy-makers in the Government of India, industry leaders, practicing metallurgists and mineralogists, various associations as well as engineering students.

The '*Inaugural Session*' of the Conference started with a Welcome Address by Mr. Raj Tiwari, Chairman, IIM-Delhi Chapter. Mr. S C Suri, Chairman, MMMM 2011 Technical Conference gave a brief introduction to the contents of the Conference. Mr. K. Rajan, Chairman, ITEE, the Organization responsible for arranging the MMMM 2011 Exhibition, presented an overview of the Exhibition & Conference. Mr. M. Narayana Rao, Vice President, Indian Institute of Metals delivered Presidential Address followed by a Special Address by Dr. Sanak Mishra, Immediate Past President IIM and CEO, Arcelor Mittal in India.



In his Presidential address, Mr. M. Narayana Rao deliberated on the consolidation and acquisition aspects in the ferrous and non-ferrous metallurgical sectors. He was also appreciative of the fact that metal industry both in these sectors has growing at the rate of 8-10% per annum. The metal industry in India has ambitious growth and development plans.

In his Special Address, Dr. Sanak Mishra, Immediate Past President IIM, deliberated on the role of engineers and technologists in Sustainable Development in the industrial sector. He also deliberated on the role of engineers and technologists in environmental control in metallurgical industry.

The '*First Technical Session*' was in the format of a Panel Session with renowned personalities viz. Dr. S R Jain, Dr. Sanak Mishra, Mr. R N Parbat, Mr. Sushim Banerjee, Mr. Sunil Mahajan and Mr. Sunil Kakar. The panel members provided an overview of growth and development aspects in the ferrous, non-ferrous, construction and

automobile segments. The presentations of these mentors leaders and stalwarts provided very informative view on current issues as well as future trends related to different aspects of ferrous and non-ferrous industry.

Forty-two technical presentations were made in the six technical sessions. Out of these technical presentations, International speakers made eighteen presentations.

In the session on "*Raw Materials Security*" different speakers gave their expert views in the areas of Coal, Iron ore and other non-ferrous raw materials resources for metals like aluminum, copper, lead, zinc and nickel etc.

In the Technical Session on "*Markets*", authors made presentations on Steels in Construction industry, Market Opportunities for Copper in India, Role of Strategic Alliances & Acquisitions and Untapped Potentials of Titanium Metal.

In the Technical Session on "*Current & Future Technologies*", authors made presentations on Alternate Iron making processes & their applicability in India, Improvements in Direction Reduction processes, Manganese Ore Sintering, Developments in Hot Metals pre-treatment processes and Carbon Nano-structures.

There was a technical session on "*Value Addition*" in the metallurgical processing sector where the authors presented their views regarding the value addition aspects at the processing stage of different ferrous and non-ferrous metals.

There was a technical session on "*Technology and Equipment*". Different speakers deliberated on the advances that have taken place in the area of Nuclear Fuels, Thin Slab Casting, Compact Strip Processing and advances in new Iron Making processes including developments in the Blast Furnaces and galvanizing lines.

In the session, the area of "*Energy and Environment*" different speakers deliberated on the subject of climate change, energy efficient technologies in reheating furnaces and rolling mills. Other areas like development of Tall Coke Oven Batteries with dry quenching and co-generation facilities were deliberated.

Valedictory Session

Mr. A C Wadhawan, former President of IIM, chaired the '*Valedictory Session*'. Mr. Wadhawan highlighted the need to step-up R&D measures and to identify appropriate technologies for exploiting our natural resources including the leaner ores, environment friendly technologies, recycling and sustainable developments in ferrous and non-ferrous sectors to achieve global leadership in the metal arena. He



emphasized that there is an immediate need to restrict export of Iron Ore and acquisition of coking coalmines outside India.

In the Valedictory Session the Conference and Exhibition Summary was presented. Awards were also presented to the exhibitors in the Valedictory Session.

The Conference deliberations were interactive in nature and the technical contents of different presentations were of high order. Around 200 delegates participated in the International Conference.

The *Conference Programme*, details of *Technical Sessions* and most of the *Presentations* have been posted on the Website of IIM Delhi Chapter

<www.iim-delhi.com>