

— www.mmmm-expo.com —

13th International Exhibition & Conference on Minerals, Metals, Metallurgy & Materials

3 Days Conference on
**Resource Efficiency and Circular
Economy in Mineral & Metal
Sectors in India**

Organised by: IIM-Delhi Chapter

17 - 19 2020
DECEMBER
PRAGATI MAIDAN
NEW DELHI, INDIA

Organiser



Co-Sponsored by



सत्यमेव जयते

Ministry of Steel
Ministry of Mines
Ministry of Environment & Forest*
Ministry of Jal Shakti*
Ministry of Coal*
Ministry of MSME*
Niti Aayog*
Council of Scientific &
Industrial Research (CSIR)

Supported By



A Step **Forward**
the Industry



* Confirmation Awaited

ABOUT INDUSTRY

India is the 2nd largest producer of crude Steel, the largest producer of Sponge Iron or DRI in the world and the 3rd largest finished steel consumer in the world after China & USA.

India's steel production is expected to increase from **106.56 MT in FY19 to 128.6 MT by 2021.**

The current per capita consumption for finished steel products stood at **70.9 kg**, way below the world average of **224.5 kg**, which suggests that India has a huge unrealised potential for steel demand growth.

Government of India is aiming to scale the Steel production upto 300 Million Tons and increase the per capita steel consumption upto 160 kgs by 2030-31 as per National Steel Policy. The liberalization of industrial policy and other initiatives taken by the Government have given a definite impetus for entry, participation and growth of the private sector in the steel industry.

Indian Steel Industry is witnessing consolidation of players which will presents an opportunity for global players to enter the Indian Market, while the existing units are being modernized/expanded, a large number of new steel plants have also come up in different parts of the country based on modern, cost effective, state-of-the-art technologies

ABOUT MMMM

MMMM is, by far, the largest and the most prestigious event on Minerals, Metals, Metallurgy & Materials with presence of a large number of leading companies of Mining, Metals and Materials industries. The event has always received worldwide appreciation from all over the industry and proved to be the best international business platform in India. The event is sponsored by **The Indian Institute of Metals – Delhi Chapter (IIM-DC)** and is being jointly organized by **IIM-DC** and **Hyve India Private Limited** (Formerly known as International Trade and Exhibitions India Pvt Ltd), the Indian subsidiary of **Hyve Group PLC (UK)**.

MMMM 2020- A Sneak Preview

- Support from all relevant Ministries, trade associations of Metal and allied industries
- A high level International conference on **“Resource Efficiency and Circular Economy in Mineral & Metal Sectors in India”**
- Concurrent Global Networking Meet of World Metal Forum(WMF)
- Presence of **400+ Leading Exhibitors from 15+ countries**
- International Participation from China, Austria, Finland, France, Germany, Italy, Russia, Spain, UK & USA.
- International Business Networking Program (IBNP).
- Exclusive Industry Excellence Awards.
- Investor Meet by International Chambers of Commerce.
- Various New Launches by Exhibitors.
- International Trade Delegations from 7+ Countries.

A complete conclave of Policy Makers, CEOs, and Industry experts, Scientists, Academia and Engineers associated with Minerals, Metals, Metallurgical and Allied Industries

EXHIBITOR PROFILE

Metal Manufacturer and Suppliers

- Aluminium
- Copper
- Pipes and Tubes
- Steel and Steel Structures
- Stainless Steel
- Zinc
- Wire
- Lead

Minerals

- Mineral Developments Corporations
- Minerals Exploration Technology
- State Governments
- Handling & Processing
- Transportation and Logistics

Machinery & Technology for Mineral Mining & Processing

- Communication System & Technology
- Conveyor Belting & Components
- Drilling and Crushing
- Earth Moving Equipment and accessories
- Environment & Geology and Mining Related Services
- Fans and Dust Collectors
- Locomotives, Lubricants & Greases
- Mines Safety Equipment
- Process Control Systems
- Rock Drilling Equipment

Metallurgical Equipment's & Technology

- Foundry Machinery & Technology
- Welding Equipment & Technology
- Rolling Mill Equipments

Machinery & Technology for Steel & Metal Manufacturing

- Automation & Instrumentations
- Energy Conservation
- Engineering and Design
- Environment Protection
- Filtration & Separation
- Induction Furnace and Heat Treatment
- Nano-Technologies
- Palletisation
- Project Management & Consultation

- Pumps & Valves
- Quality Control
- Refractories
- Safety Equipment & Technology
- Scientific Research & Development
- Scrap Collecting and Recycling
- Sheet Metal, Tube, Section (ferrous and nonferrous)
- Sintering
- Smelting and Refining
- Software Technology

Metal Working Machinery & Technology

- Bearing & Shafts
- Cutting, Shaping, Bending & Welding
- Extrusion
- Finished Products, Components, Assemblies
- Flexible Sheet Metal Working
- Forging, Casting equipment and Accessories
- Forming
- Foundry Engineering
- Furnace and Heat Treatment
- Gears, Motors & Compressors
- Joining, Fastening
- Lapping
- Laser Cladding
- Lubricants
- Machine Tools and Dies
- Polishing
- Spray Painting Systems
- Surface Treatment & Corrosion Technology
- Tube / Section Processing
- Vibrator De-burring Machines & Consumables

Material Handling Solutions

- Cranes & Lifting Equipment
- Hoists & Aerial Work Platform
- Industrial Trucks, Forklifts & Accessories
- Innovative Logistics Solutions
- Loading & Unloading Equipment
- Robotic Systems & Automation
- Warehouse Technology & Systems



VISITOR PROFILE

Buying and Sourcing Mineral Processing

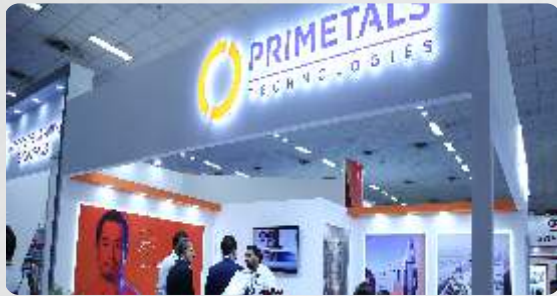
- Mineral Development Corporation
- Mineral Processing Units
- Public Sector Enterprises
- MSME and Private Companies
- State Government Departments & Agencies
- Contractors
- Scientific Research & Development Institutions

Steel and Metal Manufacturers

- Metal Producing Companies
- Alloy Manufacturers
- Material Testing Agencies
- Ferrous and Non-ferrous metal production Plants and Units
- Foundry Engineering Units

Buying and Sourcing of Metal & Metal Working Machinery:

- Aerospace & Defense
- Automobile Industry
- Casting, Forgings and Foundry
- Component Manufacturers
- Consulting Service Providers
- Electrical & Electronics Industry
- EPC Companies
- Fabricators
- Iron and Steel Production
- Non-Ferrous Metals Production
- OEMs
- Power Transmission and Distribution
- Railways
- Rolling Mills
- Sheet Metal Fabricators
- Sheet Metal Products, Components Manufacturers
- Shipbuilding and Ship Repair Industry
- Steel & Aluminum Construction
- Tube and Pipe Sector
- Water Supplier Sector



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Ministry of Steel
Ministry of Mines
Ministry of External Affairs
Council of Scientific & Industrial Research
GOVERNMENT OF INDIA

3 Days Conference on

"MINERALS AND METALS SECTOR-
GROWTH PROSPECTS IN NEW
BUSINESS ENVIRONMENT" by IIM-DC



Organised by
IIM-DC
Metallurgy
Materials Engineering



Supported by
17 Industry Associations
and
45 Trade Media

5 Co-located events to create one
Biggest Business Carnival

15846 Sqm
Gross Exhibition Area

11,346 Trade Visitors
from **43 Countries**

476 Leading
Exhibitors from
16 Countries

Global Technology Supplier Pavillion

China, France, Germany, India, Italy, Japan, Poland, Romania, Russia, South Korea, Sweden, Switzerland, Taiwan, The Netherlands, United Kingdom, USA

"International Business Networking Program" on

- Furnaces & Heat Treatment
- New landmarks in Metal Processing Industries using High performance Rollers
- The New Revolution – Customized rental solutions for shaping the future"
- Gear Motors for Power Transmission
- The importance of Refractories in Metallurgy
- The itinerary of Mineral Development Corporations for next 5 years



Business Alliance Meet by URAL Chamber of Commerce & Industries



Day-1 29th Aug. 2018

INAUGURAL SESSION

Address by Guest of Honor

SHRI CHAUDHARY BIRENDER SINGH

Hon'ble Minister of Steel, Govt. of India

CEO Conclave

Moderator

Shri R N Parbat,

Past President, Indian Institute of Metal

Panel

- CHAIRMAN, SAIL
- CMD, RINL
- CMD, MECON
- CMD, MIDHANI
- CMD, CCL
- Dr. Vinod Nowal, Dy. MD, JSW Steel
- Shri Anand Sen, President (TQM & Steel Business) Tata Steel
- Shri S S Mohanty, Vice Chairman & MD,

Role of Financial Institutions in shaping future of Metal Sector.

Prospects of Mineral Industries & Raw Materials security for future growth of Mineral & Metal sectors

- Raw Materials security – A strategic need for competitive edge
- in steel Industry by Shri K Sanjay Sawarni, CET, SAIL
- Raw Materials security for Indian Steel Industry By Shri Pankaj KSatija, Tata Steel
- Prospects of mineral industries in new business regime by Shri Pradeep Kumar, NMDC

Planning of Infrastructure & Logistic support

- Modernization and expansion of Ports and Harbours by Shri P L Haranadh, Dy. Chairman, Vizag Port Trust
- Vision of NHAI on Road Transport Sector by Shri R K Pandey, Member Projects, NHAI
- Slurry Pipelines: An innovative logistics solution for transportation of iron ore by Shri H Manju, MECON Ltd.
- Smart City Imperatives for Steel Industry by Dr. R. Kulshreshtha, Ex ED, SAIL

Day-2 30th Aug. 2018

Enhancing competitiveness of Indian Steel Sector

- Enhancing competitiveness of Indian Steel Industry by Shri S Shah, Tata Steel
- IISCO Steel Plant – An epitome of technological prowess by Shri N Swarup, CET, SAIL, Ranchi
- Paper from JSW
- Enhancing the Competitiveness of the Indian Steel Industry by Dr. Sanak Mishra, Past President, IIM

Prospects of Non-ferrous Industry

- Prospects of Titanium & Zirconium Industries by Dr. M P Sukumaran Nair, CMD, KMMCL
- Zinc & Lead Markets in India – Current and Emerging by Shri L.Pugazhenthay, ILZDA & Past President, IIM
- Converting Mining Waste to Secondary Resource by Shri Vinay Kumar Singh, HCL

Metals requirement of Strategic Sectors

- Metals Requirement for Strategic Sector by Shri D Singh, CMD, Indian Rare Earths Ltd. (IREL)
- Need of advanced materials for Defence Sector under 'Make in India' initiative by Shri C. K. Mondal, Metal & Steel Factory, Ishapore.
- Universal Rail Mill 1.2 MTPA capacity under 7.0 MT expansion of BSP – An Overview by Shri A K Jain, Bhilai Steel Plant

Secondary Steel Sector – its Contribution and Challenges

- Economics of energy efficiency in mini steel plants – results and potential by Dr. S N Srinivas, Clean Energy Access Network
- Secondary Steel Sector – Its Contribution & Challenges by Mecon by Shri D K Ambasta
- Unfolding 300 MT Indian Steel Vision and its impact on Indian DRI Industry by Shri D Kashiva, SIMA.



THE CONFERENCE

Day-3 31st Aug. 2018

Energy /Environment Issues in Mineral and Metal

- Deployment of Energy Conservation Technologies in iron and steel sector, A case study of RINL by Shri K Sudhakar
- Energy and Eco-Friendly Portfolios by Shri S Dasgupta, Primetals Technologies
- Innovative & Energy-saving Permanent Magnetic Transmission Technology by Mr. Frank Wang, Sagta Engineering Ltd, Sanghai, China.
- Lubrication methods for continuous casters by Mr Partha Pratim Mitra, Kluber Lubrication India Pvt Ltd



Factors which influenced their visit

- Opportunity to buy new products
- Variety of products on display
- Networking Opportunity with Industry Leaders
- New Suppliers
- To gather general information
- Opportunity to look for dealerships

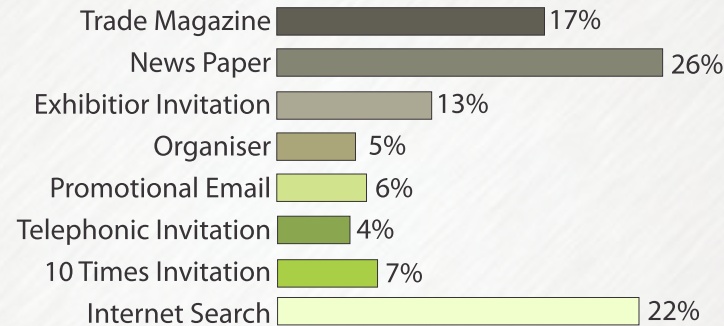
VISITOR STATISTIC

Day	Show Timing	No. of Visitors
Day 1	10 am - 6 pm	3,557
Day 2	10 am - 6 pm	4,877
Day 3	10 am - 6 pm	2,912
Total		11,346

Rating the Exhibition

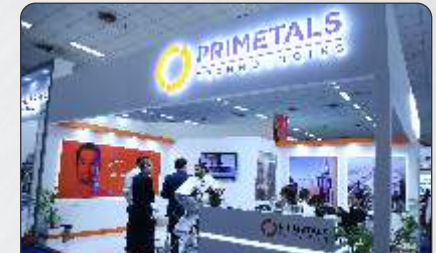


Source of Information About the Show



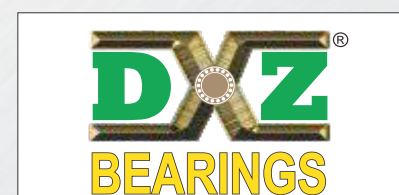
Key Sectors of Interest

- Aluminum Production
- Automation Technology
- Base Metals Production
- Copper Production
- Energy Conservation
- Ferro-Alloy
- Forging
- Foundry
- Furnaces
- Heat Treatment
- Instrumentation
- Iron & Steel Making
- Machine Tools
- Metal Engineering
- Process Control
- Raw Materials
- Refractory Products
- Rolling Mills
- Tube & Pipes
- Welding Technology
- Wires & Cables
- Zinc Production
- Instrumentation
- Iron & Steel Making
- Mineral Processing
- Pumps & Valves
- Bearings
- Gears
- Plant Machinery & Equipment
- Fire Detection & Suppression Systems
- Casting Machines & Technologies
- Measuring, Testing and Control
- Metal and Scrap Recycling
- Metal Shaping & Finishing
- Metallurgical Equipment
- Ferrous and Non-Ferrous Production
- Automation Technologies
- Others



Role in decision making process







RISE OF METAL INDUSTRIES

UNLIMITED BUSINESS OPPORTUNITIES FOR METAL INDUSTRY IN INDIA



Text describing the rise of metal industries in India, mentioning growth and investment opportunities.

Advertisement for MM3M 2018, featuring logos for Minerals, Metals, Metallurgy & Materials (M3M), CWE, IMEX, and HAND TOOLS EXPO.

UNI BREVITY ACCURACY SPEED यूनੀवार्ता

सबका स मजदूर सबका यात्रा

एमएमएमएम का उद्घाटन 29 अगस्त को

ई आई सिंगल (यूएनई)। खनिज धातु धातु विज्ञान की समग्र अंतर्राष्ट्रीय प्रदर्शनी की शुरुआत 2018का 12 वां संस्करण मुंबई के एमएमएमएम में प्रगति मैदान 29 अगस्त 2018 को प्रारंभ होगा।

INDIAN STEEL AND METAL INDUSTRY TO SEE A BRIGHT FUTURE

India's rapidly growing economy and the increasing demand for steel and metal products are expected to drive the growth of the Indian steel and metal industry.

इस्पात और मेटल उद्योग का उज्वल भविष्य

भारत की तेजी से बढ़ती अर्थव्यवस्था और धातु-धातु उत्पादों की बढ़ती मांग, भारतीय इस्पात और धातु उद्योग के विकास को प्रेरित करेगी।

12th MMMM 2018: The 12th edition of Minerals, Metals, Metallurgy & Materials International Exhibition and Conference (MMMM 2018), one of the largest in this part of the world, will be inaugurated by Chaudhary Birender Singh, minister of steel, at Pragati Maidan, New Delhi, on August 29, 2018.

Financial chart showing Tata Steel stock price at 596.50 with a 1.21% increase on the BSE.

एमएमएमएम का उद्घाटन 29 अगस्त राजधानी में

नयी दिल्ली 27 अगस्त (वार्ता) खनिज, धातु विज्ञान और सामग्री अंतर्राष्ट्रीय प्रदर्शनी और सम्मेलन (एमएमएमएम) का 12 वां संस्करण 29 अगस्त को राजधानी में प्रगति मैदान में शुरू होगा।

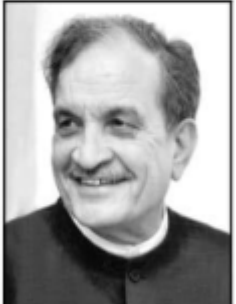
एमएमएमएम का उद्घाटन अगस्त को अजमेर। खनिज धातु धातु विज्ञान और सामग्री अंतर्राष्ट्रीय प्रदर्शनी और सम्मेलन (एमएमएमएम) 2018का 12 वां संस्करण मुंबई के एमएमएमएम में प्रगति मैदान 29 अगस्त 2018 को प्रारंभ होगा।

News snippets from dailyhunt and news websites, including articles on recycling in the metal industry and government actions.

एमएमएमएमएमएम प्रदर्शनी के उद्घाटन के केंद्रीय इस्पात मंत्री

खनिज प्रतिकारिता, 29 अगस्त दिवस प्रवर्धित होगा। 12वम मिनारेल, मेटल, मेटलर्जी एंड मटेरियल्स इंटरनैशनल एक्सपोजिशन एंड कॉन्फरेंस (MMMM 2018) का उद्घाटन केन्द्रिय इस्पात मंत्री चौधरी बिरेंद्र सिंह द्वारा प्रगति मैदान, नई दिल्ली में 29 अगस्त 2018 को किया जाएगा।

एमएमएमएम 2018-एर उद्घाटन इस्पात मंत्री चोपुरी वीरेंद्र सिंह



नया दिल्ली, 29 अगस्त : दिग्गज प्रगति मैदान 12वम मिनारेल, मेटल, मेटलर्जी एंड मटेरियल्स इंटरनैशनल एक्सपोजिशन एंड कॉन्फरेंस (MMMM 2018) का उद्घाटन केन्द्रिय इस्पात मंत्री चोपुरी वीरेंद्र सिंह द्वारा प्रगति मैदान, नई दिल्ली में 29 अगस्त 2018 को किया जाएगा।

एमएमएमएम का 12 वां संस्करण 29 अगस्त से नई दिल्ली। खनिज धातु धातु विज्ञान और सामग्री अंतर्राष्ट्रीय प्रदर्शनी और सम्मेलन 2018का 12 वां संस्करण दुनिया के इस हिस्से में सबसे बड़ा का उद्घाटन 29 अगस्त 2018 को प्रगति मैदान में इस्पात मंत्री चौधरी बिरेंद्र सिंह इस्पात मंत्री मौजूदा चुनौतियों पर भी चर्चा करेंगे।

नया दिल्ली, 29 अगस्त : दिग्गज प्रगति मैदान 12वम मिनारेल, मेटल, मेटलर्जी एंड मटेरियल्स इंटरनैशनल एक्सपोजिशन एंड कॉन्फरेंस (MMMM 2018) का उद्घाटन केन्द्रिय इस्पात मंत्री चोपुरी वीरेंद्र सिंह द्वारा प्रगति मैदान, नई दिल्ली में 29 अगस्त 2018 को किया जाएगा।



“Good platform to network with steel industry companies & dignitaries for Eurotherm product portfolio. Thank the team for the great show.”

Anjali Yadu (Marketing Manager, Asia Pacific-Eurotherm, India.)



“Good experience and wonderful platform to display & exhibit. Co-ordination and support from the organisers are excellent and the amenities are up to the mark.”

S Rajalakshmi (ES to MD-Paul Wurth, India)



“Nice Show. We suggest that the show should be organized in Sept last or Oct first Week.”

U.S. Maggu (Director-Vikas Rolls, India)



“The footfall has been better than the earlier MMMM show. Would have been better if 3.5 days are organized instead of 2.5 days. Arrangements from the organisers have always been good.”

Pankaj Vohra (Regional Manager, North India-NORD, India)



“Overall satisfied with the complete setup & organizing of the event. Smooth operation starting from natural delivery to customer interaction. Happy to be representing Jindal Steel and Power at such a platform.”

Saurabh Agarwal (AGM-Product Application Group, JSPL)



“We are happy to be here. Getting good exposure with great footfall. Nicely organized event. We installed a working machine in our booth and faced no problem in the execution. We are all praise for the organizers.”

Jasbir Maggu (Director, Rollcon Engineering)



“Very well organized event. The quality of visitors, as well as exhibitors. Keep up the great job. We will work together next time.”

Rahul Pant (Marketing Communications Specialist, Kluber Lubrication)

“It is a very good platform to know about new development done by suppliers, and also to discuss about the development of steel sector.”

Manoj Singh Dhami (Manager Engineering Dept., Nippon Steel)

“Well organized show, consistent footfall from day 2 onwards. Based on leads/enquiry generation, we would continue next year. With regard to the presentation arrangement we would have preferred the slot in the conference hall.”

Hemarrajan S (Senior Sales Engineer, Specialty Rental-Atlas Copco, India)

“Good Show, well organized, staff quite co-operative.”

Vikram Gupta (Deputy Manager-JSW Steel Limited, India)

“Very well organized exhibition. We, as one of the leading exhibitors have seen good amount of interest from various customers/vendors.”

Suresh Gupta (Dy. General Manager, Corporate Affairs-SAIL, India)

“Well organized and easily approachable, also good response from customers, which came from many states of India.”

Rakhul Kumar (FKL, India)

“Well organized show by ITEI. We had an excellent experience with great networking with industry leaders and experts where we could showcase our latest Technology. We hope to come back again.”

Sharat Chojar (Vice president, Marketing-Electrotherm, India)

“Good show and well organized, we also received good response, although this was our first show in northern India. We have an excellent show.”

Rajgopal Gilada (Managing Director-Gita Refractories, India)

“Well organised and satisfied with the facilities provided. Overall good and happy to participate. More business associates are expected to visit & participation from large industry circle is expected.”

Chandrashekhar Khuraswar (Vice President-Apex Knives, India)





Unlimited Opportunities

As an Exhibitor

- Display your latest array of products, technology and services to highly focused trade visitors, trade media and delegates
- One to one interaction with the industry at one location
- Brand building among industry and end users
- Explore new business and investment opportunities

As a Sponsor

- Benefit from an ideal time, place and opportunity to get noticed
- Stand out from the crowd
- Enhance your leadership status
- Project a long lasting brand image to a targeted audience

As a Visitor

- Access to the latest technology, products and services available in the market
- Find availability of raw materials, alternate suppliers, recent trends in the manufacturing and trading segments
- Find about sources of investments & funding
- Find professionals & skilled manpower

Co-located Shows

MMMM 2020 will be again organized with five other highly specialized concurrent events to create a mega business platform for Machinery, Technology and Engineering sectors in India



About us



www.hyve.group

We are Hyve - We create unmissable events, where people from all corners of the globe connect, learn & inspire, sharing extraordinary moments, advancing businesses and helping to shape industries. Our vision is to create the world's leading portfolio of content-driven, must-attend events delivering an outstanding experience and return on investment for our customers. This vision sits at the heart of everything we do and informs every decision we make.

We have more than 130 events taking place every year all around the world, and across multiple industry sectors from fashion to food and building to tourism.

Contact Us @ India Offices

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