MINERALS METALS METALLURGY MATERIALS®

www.mmmm-expo.com

12th International Exhibition & Conference on Minerals, Metals, Metallurgy & Materials

29 30 31 August 2018

PRAGATI MAIDAN, NEW DELHI, INDIA







Organiser

itei ITE

PART OF ITE GROUP PLC

Co-Organiser

IIM Metallurgy Materials Engineering

Supported by

WMF™ WORLD METAL FORUM

A Step Forward the Industry

About Metal Industry

The rise in population, growth in the economy, urbanization and the increasing domestic requirements, has created a strong demand for minerals and metals.

In the last few years, India has seen a significant growth in minerals with the government granting leases for longer durations of 20 to 30 years. Mining Sector Contribution to GDP US$ 21.86 Billion, In FY16, India had 1,878 operative mines. For global players, India is a big market for mineral resources, as metals and power demand is expected to have robust growth in long term.

India ranks 4th globally in terms of iron ore production and 3rd largest producer of crude steel in the Asia-Pacific region in 2015. In FY16, production is expected to reach 140 million tonnes of iron ore. India is third Total finished steel production (alloy+ non-alloy) in India is estimated to reach 90 million tonnes in Fy16.

Currently, aluminium is the second most used metal in the world after steel and the third most available element in the earth constituting almost 7.3 per cent by mass . At present, aluminium is the fastest growing non-ferrous metal and its production volume is next only to steel. Domestically, the demand and consumption of aluminium is projected to rise to about three million tonnes by 2017 from nearly 1.71 million tonnes now.

Also, copper accounts for third in consumption after steel and aluminium. India is also among the top five zinc mining countries globally.

About MMMM

MMMM is by far, the largest and the most prestigious event on Minerals, Metals, Metallurgy & Materials with Presence of all Leading companies of Steel and Metal industry. 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 ITEI, the Indian subsidiary of ITE Group PLC (UK).

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

MMMM 2016 was Co-sponsored by major Ministries of Government of India like Steel, Mines, External Affairs, Heavy Industries & Public Enterprises, Commerce & Industry, Earth Sciences, MSME & CSIR.

Collocated with four other related shows exhibitions to create a mega business platform for the Metal, Manufacturing & Engineering industry-

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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& Co-Located Shows

PSR 2016
POST SHOW REPORT

A Retrospect



3 Days Conference on
"Minerals and Metal and their Contribution to Make in India"

Organised by IIM Metallurgy Materials Engineering



"International Business Networking Program"on

Industrial Lubricants
Furnaces & Heat Treatment
Rolling Mills
pumps & Gears
Transformers

14000 Sqm
Gross Exhibition Area



Supported by
16 Industry Associations
and
70 Trade Media



Invester Meet
by Members of Pacific Alliance comprising of Chile, Peru, & Columbia

Co-sponsored by

सत्यमेव जयते

Ministry of Steel
Ministry of Mines
Ministry of Earth Sciences
Ministry of External Affairs
Ministry of Micro Small & Medium Enterprises
Department of Commerce
Ministry of Heavy Industries and Public Enterprises
Council of Scientific & Industrial Research
GOVERNMENT OF INDIA

7,087 Trade Visitors from **31 Countries**

354 Leading Exhibitors from **11 Countries**

Large Participation from
China and Russia

Global Technology Supplier Pavillion

Business Alliance Meet by URAL Chamber of Commerce & Industries





The Conference

Day-1 10th Aug. 2016

INAUGURAL SESSION

Address by Guest of Honor

SHRI CHAUDHARY BIRENDER SINGH

Union Minister for Steel, Govt. of India

Metal Industry Business Forum

Chaired by : Dr. Aruna Sharma

Secretary, Ministry of Steel, Government of India

Moderate by : Dr. Sanak Mishra

Secretary General & Executive Head
Indian Steel Association

Role of Financial Institutions in shaping future of Metal Sector.

Existing Mineral Resources in India & Its Future Prospecting

- E-Auctioning of Mines
- Opportunities in the Mining Sector
- Exploration Scenario on Mineral & Mining Front
- Challenges and Opportunities in Minerals, Mining, Coal Sector
- Improvised Blasting Design in a Surface Coal Mine








Day-2 11th Aug. 2016

Present & Future of Non-Ferrous in India

- Additive Manufacturing in India – Challenges
- Importance of R & D in Aluminum: World and Indian Scenario
- End Use Applications of Copper- Its Challenges and Opportunities
- Improvised Blasting Design in a Surface Coal Mine
- Latest advancement in Coke oven Battery design for reduced environmental impact.
- Economic & Industrial Potential of the Sverdlovsk region by Ural Chamber of Commerce & industry

Technology & Competitiveness of Indian Steel Sector with respect to Global Scenario

- Competitiveness of Indian Steel
- Journey of Tata Steel in Energy Efficiency
- Coal Injection in India – The Myth is Broken
- Raw Material Security and Rising Imports
- Challenges in Installation of Basic Oxygen Furnaces (BOF)
- Focus on Industry 4.0 in the metals industry for digitalization of steel production

Effective Utilisation of Low Grade Mineral Resources

- Beneficiation Plant at Balaghat by Bateman for upgrading low grade manganese ore By jigging process
- Pelletisation and Beneficiation of Ores
- Trend Towards Increased adoption of pelletisation and its increasing use in large Bfs
- Role of Pellets in Effective Utilisation of low/medium grade iron ore
- Quality Requirement of Iron bearing burden for Large BFs in the context of SAIL (RDCIS)
- Reduced Sinter Production Costs-Mechanical and Process Solutions
- Presentation on Pellets by Essar Steel

Role of Infrastructure Sector to meet the Challenges of Metal Sector

- Dedicated Freight Corridor for movement of raw materials and finished goods – East & West Rail Corridor
- Shipping & Port Development
- Road Infrastructure
- Infrastructure for Metals and Minerals
- Stainless steel End-Use Evolution in India




Day-3 12th Aug. 2016

Energy, Environment of Metal Sector/Super Alloys Industry in India

- Carbothermic reduction of black sand ilmenite to form Fe-TiC Composite
- Application of Robot Spraying Marking and Character Recognition System in High Temperature Metallurgical Field
- Paul Wurth's contribution in Efficient Iron Making with Proven Technologies
- High Strength Steels for Naval Application
- Coal Injection in India - The Myth is Broken

VALEDICTORY SESSION

- Address by Chief Guest Mr. Vishnu Deo Sai, Hon'ble Minister of State for Steel
- Exhibitor Awards Program










The International Business Networking Program

Day-1 10th Aug. 2016

Automation & Instrumentation

- OXFORD INSTRUMENTS
- VSAN TECHNOLOGY PVT. LTD.
- OERLIKON LEYBOLD VACUUM INDIA

Process Control Systems

- ENDRESS + HAUSER (INDIA) PVT. LTD.
- HAVER IBAU INDIA PVT. LTD.
- LECHLER INDIA PVT. LTD.











Day-2 11th Aug. 2016

Industrial Lubricants

- EXXONMOBIL

Advancing Productivity for the Indian Metals & Minerals Industry: How Lubricants Can Help by Mr. Shankar Karnik & Mr. Imtiaz Ahmed

Furnaces & Heat Treatment

- ELECTROTHERM INDIA LTD.
- ENCON THERMAL ENGINEERS PVT. LTD.
- TERMO NORD STREAM
- ANDRITZ TECHNOLOGIES PVT. LTD.

Rolling Mills

- ANDRITZ TECHNOLOGIES PVT. LTD.
- MRL PRINTING ROLLS PVT LTD
- ENCON THERMAL ENGINEERS PVT. LTD.








Day-3 12th Aug. 2016

Pumps & Gears

- BONENG TRANSMISSION INDIA PVT. LTD.
- SAM TURBO INDUSTRY PRIVATE LIMITED

Transformers

- TES TRANSFORMER ELECTRO SERVICE ASIA PVT. LTD.
- TRANSFORMERS & RECTIFIERS (INDIA) PVT. LTD.




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PSR 2016
POST SHOW REPORT

Visitor Statistics

Day	Show Timing	No. of Visitors
Day 1	10 am - 6 pm	2,405
Day 2	10 am - 6 pm	2,727
Day 3	10 am - 6 pm	1,955
		Total-7,087

Factors which influenced their visit

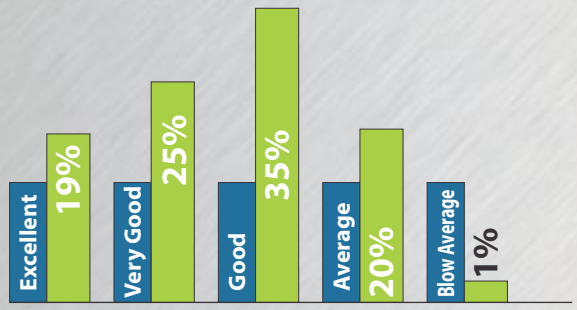
- Opportunity to buy new products
- Variety of products on display
- Networking Opportunity with Industry Leaders
- New Suppliers
- To gather general information
- Opportunity to look for dealerships



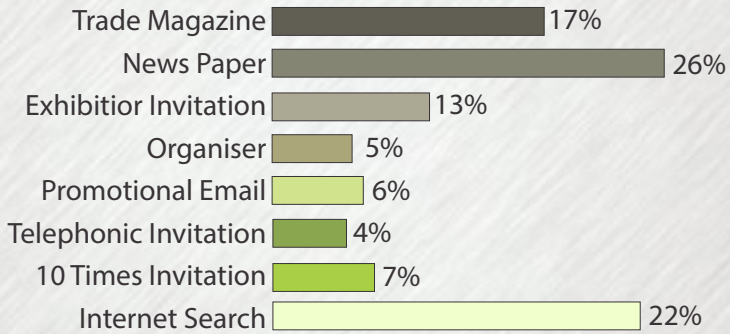




Rating the Exhibition



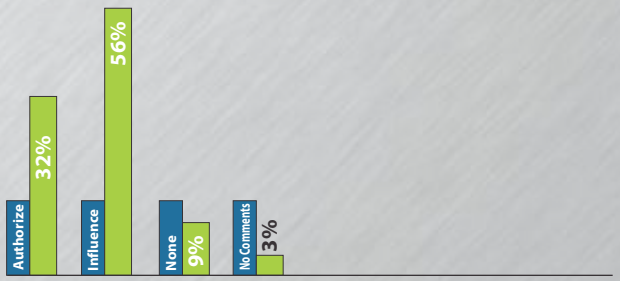
Source of Information About the Show



Key Sectors of Interest

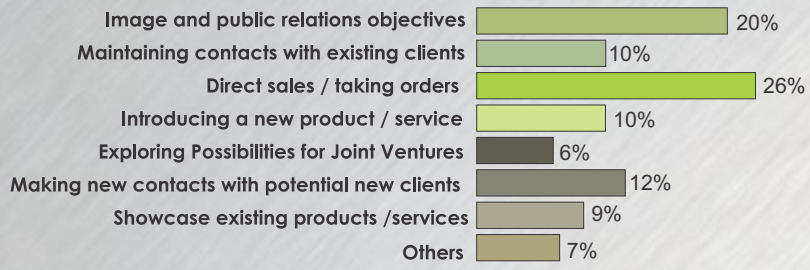
- Aluminum Production
- Automation Technology
- Base Metals Production
- Copper Production
- Energy Conservation
- Ferro-Alloy
- Forging
- Foundry
- Furnaces
- Heat Treatment
- Instrumentation
- Iron & Steel Making
- Machine Tools
- Metal Engineering
- Process Control
- Raw Materials
- Refractory Products
- 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



Exhibitor's Feedback

Objective of Participation





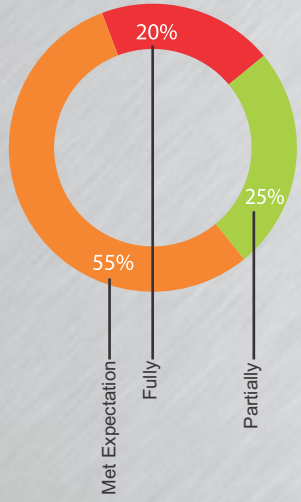




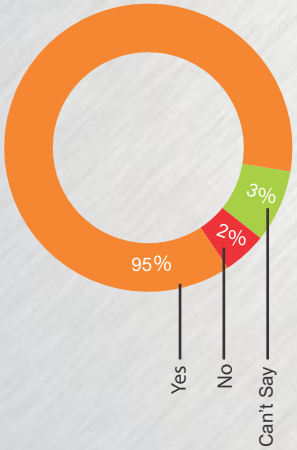




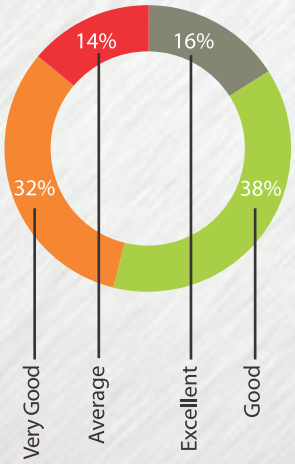
Accomplishment of Participation Objectives



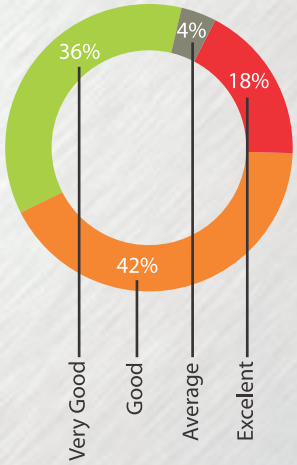
Cost Effectiveness in Participation



Exhibition Arrangements



Quality of Business Visitors













Some Brands At Show



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PSR 2016

POST SHOW REPORT

MEDIA SPEAK

RISE OF METAL INDUSTRIES

GALAXY OF METAL ICONS

झारखण्ड को मिलेगा अंतर्राष्ट्रीय खनिज एवं धातु पर आधारित प्रदर्शनी एमएमएमएम 2016

इस्पात उत्पादों की डंपिंग की जांच प्रक्रिया तेज करने में लगी सरकार

सम्मेलन शुरू

10 से 12 तक खनिज एवं धातु पर अंतर्राष्ट्रीय प्रदर्शन

एमएमएमएम 2016 का ग्यारहवां संस्करण 10 से शुरू

इस्पात उद्योग को सस्ते आयात से बचाने के उपाय कर रही सरकार

अपरंपरागत सेक्टरों में बढ़ाएं स्टील के उपयोग : चौधरी बिरेन्दर

अंतरराष्ट्रीय प्रदर्शनी 10 से नयी दिल्ली में

अंतरराष्ट्रीय प्रदर्शनी कल से

पंजाब को मिलेगा खनिज एवं धातु पर आधारित प्रदर्शनी से लाभ

Giants of steel

The 11th Edition of Minerals, Metals, Metallurgy and Materials begins today at Pragati Maidan

Punjab to benefit from the 11th edition of MMMM-2016

डंपिंग रोधी आवेदन होगा आसान

अंतर्राष्ट्रीय खनिज एवं धातु प्रदर्शनी 12 तक प्रगति मैदान दिल्ली में

प्रगति मैदान में मेटल इंडस्ट्री का ट्रेड शो

एमएमएमएम 2016 का ग्यारहवां संस्करण 10 से शुरू

News & Views



"*Excellent Responsive Event. Good Audience in IBNP. We got good response for targeted audience. Good marketing & branding done by ITEI.*"
Bijoyen Das, General Manager (Mktg.), Transformers & Rectifiers (India) Pvt. Ltd.

"*MMMM Exhibition is a great platform for us and all the steel industry. We look forward to this exhibition everytime to showcase our new innovations and technology.*"
Varun Jay Rana, Chief Executive , YOGIJI DIGI

"*Impressive Exhibition. Have great interaction with clients.*"
Ajay Suneja, Chief General Manager - (Project & Equipment), Sinosteel India Private Limited

"*Well organized show where we got the opportunity to meet our customers. Some Technical sessions were really informative..*"
Sharat Chojar, Asst. Vice President (Marketing), Electrotherm (India) Ltd.

"*Good Experience to come here. Nice Arrangement. Keep it up.*"
Kishore Magre, DGM – Mines, MOIL Limited

"*Exhibition was upto the mark. Every facility was available. Staff was very co-operative. Keep it up.*"
Jaya Singh, Director - Palaeontology Division, Geological Survey of India

"*It's a great show to meet in same segment people.*"
Rakesh Kumar, Key Account Manager - Essar Steel India Limited

"*Thank you very much for this great exhibition. It was our first and best exhibition in India.*"
Zlotin Dmitriy, Commercial Director, Termo Nord Stream Ltd.

"*It's been our first visit and taking part in a fair in India and we had a lot of new contacts - very good platform for business.*"
Frank Kramer, Engineering, Encon System Solutions

"*Very well done performance. Highly qualified visitors.*"
Stephan Herrmann, Managing Director, Encon System Solutions

"*Great team, good synergy & timely execution makes ITEI a differentiator in the exhibition industry. Keep the good work on Roll !!*"
Yogesh Karandikar, Managing Director, Siiddhey Instrumentation (OPC) Pvt. Ltd.

"*Good Platform to Grow….*"
Vibha Mishra, MECON Limited

"*Excellent Show. Good response and an opportunity to interact with prospect buyers. Certainly will participate in the next Edition.*"
Jay Shah, Director - Sales & Marketing, Essential Power Transmission Pvt. Ltd.

"*Our first participation and the experience has been good with footfalls. Overall a good experience and we are satisfied with our decision . Shall consider future participation as well. Well Organized, Keep up the Good Work !!!*"
G. Jayakumar, Senior General Manager -, Seashell Logistics Pvt. Ltd.

"*The experience here has been good. We did have quite good footfall in our stall from the industry intended for. Would like to participate again next time !*"
Ashok Chowdhary, Director, Tristar Metallurgical Pvt. Ltd.

"*Very well organized. Good Companies here with innovative solutions. Inauguration function very impressive. All aminities available, Much better than last edition.*"
Siddharth, Corporate Communication, Steel Authority of India



Unlimited Opportunities

AS AN EXHIBITOR

- Display your latest machinery, technology, products and services to highly focused trade visitors, media & delegations
- 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

- Find about the latest technology, machinery and services available in the market
- Find availability of raw materials, alternate suppliers of machinery, equipment and spares
- Find about sources of investments & funding



Co- located Shows

IMEX INTERNATIONAL MACHINE TOOLS EXPO
www.imexonline.com
International Exhibition on Latest Machine Tools & Engineering Products

CWE CUTTING AND WELDING EQUIPMENT EXPO
www.cweonline.in
International Exhibition on Cutting Welding Equipment Technology

UMEX USED MACHINERY EXPO
www.umexonline.com
Asia's Largest Used Machinery Exhibition

TECHINDIA ENGINEERING AND MANUFACTURING EXPO
www.techindiaexpo.com
Pumps, Valves & Compressors
Gears, Motors & Controls
Bearings, Shafts & Couplings

HAND TOOLS EXPO
www.iihtexpo.com

FASTENER EXPO
www.iihtexpo.com

International Exhibition on Hand Tools & Power Tools, Fasteners & Industrial Tools Industry

About us

www.itei.in

International Trade and Exhibitions India Pvt Ltd (ITEI) is a part of ITE Group PLC, UK.
ITE Group has more than 250 events every year around the globe on 20 major industry verticals - Like Petroleum, Mining, Building material, Tourism and many more. ITE Group manages the business with 1000 staff in 30 offices worldwide. This network, provides global expertise, local market knowledge and high standards of customer service and support. More than 60 of the Group's events are 'Approved' by the Global Association of the Exhibition Industry, UFI.

Contact Us

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