

12th International
Exhibition & Conference
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CO-SPONSORED BY
Ministry of Steel
Ministry of Mines
Ministry of External Affairs
Council of Scientific & Industrial Research
GOVERNMENT OF INDIA

29 - 31 AUGUST 2018

PRAGATI MAIDAN, NEW DELHI, INDIA

International Conference on
**“MINERALS AND METALS SECTOR-
GROWTH PROSPECTS
IN NEW BUSINESS ENVIRONMENT”**

CO-LOCATED SHOWS

CWETM
CUTTING AND WELDING EQUIPMENT EXPO

International Exhibition on
Cutting, Welding Materials &
Equipment and Laser Technologies

INEXTM
MACHINE TOOLS EXPO

International Exhibition on
Latest Machine Tools & Allied Products

UNEXTM
USED MACHINERY EXPO

Asia's Largest
Pre-owned Machinery Expo

TECHINDIATM

ENGINEERING AND MANUFACTURING EXPO
International Exhibition on
Factory Automation, Motion & Drives,
Pumps, Valves & Compressors and Robotics

**HAND TOOLS
EXPO**

India's Largest
Hand Tools Expo

**FASTENER
EXPO**

India's Largest
Fastener Expo

ORGANISER



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WORLD METAL FORUM



Post Show Report



Shri. Venkaiah Naidu
Hon'ble Vice President
of India

The Hon'ble Vice President of India is happy to learn that the Indian Institute of Metals – Delhi Chapter (IIM-DC) is organizing an International Conference on "Minerals & Metals Sector – Growth Prospects in New Business Environment" from August 29-31, 2018.

The Vice President extends his greetings and congratulation to the organizers and the participants and wishes the event all success.



Shri Narendra Modi
Hon'ble Prime Minister
of India

I am pleased to learn that the Indian Institute of Metals – Delhi Chapter (IIM-DC) is organizing the 12th Biennial International Conference and the International Exhibition on MMMM (Minerals, Metals, Metallurgy & Materials) at New Delhi during 29-31 August, 2018. Minerals, metals, metallurgy and materials (MMMM) sector's performance will be one of the crucial determinants in ensuring our successful transformation to a New India. Understanding its critical importance, our Government has been proactive in ensuring a facilitating environment for the sector through our transparent policy initiatives and comprehensive programmes. Since its inception, the IIM-Delhi Chapter has been very active in promoting the interests of the sector through its multifarious initiatives. Its Platforms have been helping all the stakeholders to benefit from each other's expertise and to leverage innovations from across the globe. I hope its Biennial International Conference will be a successful forum for all global experts and researchers in this sector in deliberating on the theme "Minerals & Metals Sector -Growth Prospects in New Business Environment".

I wish all the best for the success of the conference and the international exhibition. Best wishes for all the future endeavours of the IIM-DC



Shri Chaudhary Birender Singh
Hon'ble Union Minister of Steel,
Govt. of India

I am glad to know that 12th Edition of MMMM Exhibition & Conference is being organized in August 2018. The theme for the conference viz "Minerals & Metals Sector – Growth Prospects in New Business Environment" is very topical and relevant. The New Business Environment created by our Government is progressive, liberal, supportive, transparent, fair & conducive to rapid growth. We have made substantial progress in Ease-of-doing-business ranking. States are vying with each other in a healthy competitive spirit to lure business. We have brought in a revolutionary change in the Minerals & Metals domain by mandating auctioning of mines through amendments in MMDR Act. India is one of the few countries in the world to take this bold and visionary decision. Other countries are now thinking in terms of emulating this model for allocation of natural resources. In Metals sector, we are strengthening our position with every passing year. Indian steel industry is a brilliant example of the transformation & turnaround with the joint efforts of the government and industry. Indian steel industry in 2018 has come a long way since its bad days in 2014. From being the 4th largest steel producer in the world then, we are 3rd largest now, and on the verge of becoming 2nd largest steel producer in 2018. I am sure that Steel industry in India can be a template for growth strategy for other industries in Minerals & Metals domain. I wish the Exhibition-cum-Conference all success.



Shri Vishnu Deo Sai
 Hon'ble Minister of State
 for Steel, Govt. of India

It gives me great pleasure to learn that the Indian Institute of Metals – Delhi Chapter is organizing the 12th Biennial International Conference on "Minerals & Metals Sector – Growth Prospects in New Business Environment" along with the International Exhibition on "Minerals, Metals, Metallurgy and Materials" in collaboration with International Trade And Exhibition India Pvt. Ltd. (ITEI) during August 29-31, 2018 at Pragati Maidan, New Delhi. Metals and Mining Sector plays an important role in the GDP of our country. Today our country needs to put in concerted efforts to enhance the growth of our GDP. A forum of Conference and Exhibition of this nature can play a pivotal role to usher in rapid technological advancements in minerals and metals sector. A platform like this provides an opportunity to share technical expertise and learn from each other in terms of research and scientific developments around the globe. I have no doubt that the event will facilitate efforts towards modernization of our minerals, metals, metallurgy and metals sector. I wish a grand success to the mega event.



Dr. Aruna Sharma
 Secretary - Ministry of Steel
 Govt. of India

I am very happy to note that Delhi Chapter of The Indian Institute of Metals (IIM) and International Trade And Exhibition India Pvt. Ltd. (ITEI) are jointly organizing an International Conference and Exhibition on Minerals, Metals, Metallurgy and Materials (MMMM) at Pragati Maidan, New Delhi, from 29th-31st August, 2018. The Minerals and Metal Sector is one of the significant sectors as it has consequences for multiple downstream industries particularly in the area of manufacturing and infrastructure. Our mother earth has given us abundant mineral resources. Indian Steel Industry has been growing over the years and in years to come more growth is expected. Government of India has set an ambitious target of 300 Million Tonnes of steel production capacity by 2030. With available mineral resources, technology and manpower, I am confident that the above target would be achieved with the support of stake-holders of minerals and metals sector. I hope that the deliberations of the conference and participation in the exhibit will provide a forum to facilitate the promotion of joint efforts and ventures for modernizing and enlarging our minerals, metals, metallurgy and materials industry. I wish the event a grand success.



Dr. Bhaskar Chatterjee
 Secretary General & Executive
 Head, Indian Steel Association

I am pleased to know that the Indian Institute of Metals – Delhi Chapter (IIM – DC) along with ITEI Plc. is organizing the 12th International Exhibition and Conference MMMM [Minerals, Metals, Metallurgy & Materials] during 29 - 31 August, 2018 at Pragati Maidan, New Delhi. The event, over several years, has registered itself as a brand which provides an important platform to all the participants, delegates, and key decision makers from the Steel and other allied industries from across the world to interact with, and explore new business avenues during the three day period. With the passage of two important policies by the Ministry of Steel, Government of India, that is "National Steel Policy 2017" and "Policy on Preference to Domestically Manufactured Iron & Steel Products", important concerns like enhancing raw material security, fostering R&D activities, reducing import dependency and promoting fair international trade have come to the fore. At this juncture, platforms like MMMM provide a timely opportunity for the stakeholders to further promote their products, technologies and services, and highlight the best way forward to achieve the future growth avenues for the industry. I convey my best wishes to the organizers and participants for successful conclusion of the Event.



Shri. T.V Narendran
 CEO & Managing Director
 Tata Steel Limited

I am happy to learn that Indian Institute of Metals, Delhi Chapter, is organizing the 12th edition of Minerals, Metals, Metallurgy & Materials (MMMM) Exhibition and Expo and International Technical Conference on "Minerals & Metals Sector –Growth Prospects in the Business Environment" in New Delhi on August 29-31, 2018. Over the years, the minerals and metals sector has been a driving force propelling the growth of the Indian economy, with the sector currently contributing to around 4.5 per cent of the national's GDP. This is expected to go up in the years ahead in view of the National Steel policy target of 300 million tonnes per annum by 2030. MMMM 2018 will provide representatives of the minerals and metals industry with a platform to showcase and deliberate on the emerging global trends and technological advancements in the domain of minerals and metals. It will also provide leading global technology and equipment suppliers to the minerals and metals industry to highlight and present to the industry their state of the art product and service offering. I am sure MMMM 2018 will provide the impetus for industry leaders to deliberate on the emerging technologies and futuristic trend that will pave the path for speedy growth and advancement of the mineral and metals sector in India. I wish MMMM 2018 all success.



Shri. Anand Sen
 President TQM & SteelBusiness,
 Tata Steel Ltd & President,
 Indian Institute of Metals

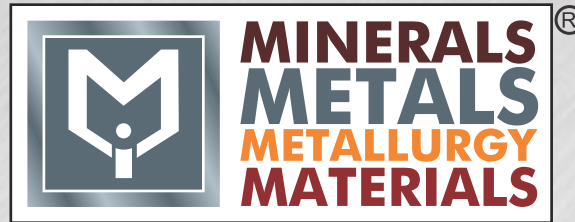
The metals & minerals sector has been a driving force propelling the growth of the Indian economy, with the sector currently contributing to around 4.5% of the nation's GDP. India being one of the fastest growing economies in the world, and steel finding its extensive application in areas like construction, infrastructure, power, aerospace, industrial machinery and consumer products, the sector is of strategic importance to the country. Owing to the significance of the sector and dynamic scenario in the steel sector, the Government of India came up with National Steel Policy (NSP) 2017. With the roll out of National Steel Policy, it is envisaged that the industry will be steered with appropriate policy support in creating an environment for promoting domestic steel & thereby ensuring that production meet the anticipated pace of growth in demand. MMMM 2018 will provide a platform to the representatives of the minerals & metals industry to showcase and deliberate on the emerging global trends and technological advancements in the domain of minerals & metals while facilitating leading global technology and equipment suppliers to highlight and present their state-of-the-art product and service offerings. MMMM 2018 will provide an impetus for industry leaders to deliberate on emerging technologies and futuristic trends that will pave the path for speedy growth and advancement of minerals and metal sector in India. I wish MMMM 2018 all success.



Shri. B D Jethra
 Chairman
 Indian Institute of Metals -
 Delhi Chapter

The Indian Institute of Metals, Delhi Chapter and International Trade & Exhibitions India Pvt. Ltd, are jointly organising an International Exhibition and Conference on Minerals, Metals, Metallurgy and Materials (MMMM) sector at Pragati Maidan, New Delhi, from 29 th to 31 st August 2018. Minerals and Metals are the basic building blocks of economy of a country. They provide the essential raw materials for all manufacturing activities. These two sectors jointly contribute around 4.5% in the overall GDP of our country. The role of Minerals and Metals Industry in the growth of economy in general and manufacturing sector in particular, cannot be over-emphasised. The Exhibition showcasing products and machineries by exhibitors from India and overseas in the MMMM 2018 event will facilitate exchange of information and transfer of technologies in the minerals and metals sector. The Exhibition will provide opportunities and a common forum for national and international participants associated with the MMMM industry to come together and share ideas and know-how, leading to scientific and healthy development of the domestic mining and mineral industries and improving their competitiveness.

The Organizer of



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12th International Exhibition & Conference

29-31 AUGUST 2018, PRAGATI MAIDAN, NEW DELHI

and
CO-LOCATED SHOWS



Wish to Thanks

All Exhibitors and Visitors from

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

and Grateful to



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Industry for their Support



India Electronics &
Semiconductor Association



Tool & Gauge Manufacturers
Association of India



European Association of
the Machine Tool Industries



Fasteners Manufacturing
Association of India



All India Induction
Furnaces Association



Telangana Chambers of
Commerce and Industry



The Utkal Chamber of
Commerce & Industry Ltd



Indian Pulp and Paper
Technical Association



Federation of Karnataka Chambers
of Commerce & Industry (FKCCI)



Gujarat Chamber of
Commerce and Industry



Cold Rolled Steel Manufacturers
Association of India



Andhra Chamber
of Commerce



Aluminium
Extruder's Council



Indian Industries
Association (IIA)



Associated Chambers of Commerce
and Industry of Uttar Pradesh



All India Steel
Re rollers Association



Media for their Support



TENDER WORLD
99 INDUSTRIAL MART



India is expected to become the world's second largest producer of crude steel in the next 10 years,

The current steel Production in India is about 90 Million Tons and Government of India is aiming to scale up to 300 Million Tons by 2025.

Huge scope for growth is offered by India's comparatively low per capita steel consumption and the expected rise in consumption due to increased infrastructure construction and the thriving automobile and railways sectors.

The Indian steel industry is currently passing through a severe downturn phase. The chief reason for the stress in the sector is mainly downbeat global demand trend and overcapacity. Steel and Mines Industry is hopeful about the future of the steel sector in India. It is believed that the sector is gradually coming out of the difficult condition it had plunged into. The Government is aware of current challenges, but thinks that the corrective measures taken would address them adequately.

Few other facts are

- In FY18, crude steel production in India was 102.34 MT, with the total crude steel production growing at a CAGR of 6.63 per cent during FY08-FY18.
- The steel sector contributes over 2 per cent to the GDP of the nation. Also, it employs 0.5 million directly and 2.5 million indirectly.
- During 2017-18, finished steel production for sale in India stood at 104.98 MT. Output during Apr-June 2018 reached 26.72 million tonnes.
- Steel manufacturing output of India is expected to increase to 128.6 MT by 2021, accelerating the country's share of global steel production from 5.4 per cent in 2017 to 7.7 per cent by 2021.
- India's finished steel consumption grew at a CAGR of 5.69 per cent during FY08-FY18 to reach 90.68 MT. Finished steel consumption during Apr-June 2018 stood at 23.42 million tonnes.
- Steel consumption is expected to grow 5.7 per cent year-on-year to 92.1 MT in 2018.
- It is expected that consumption per capita would increase supported by rapid growth in the industrial sector and rising infra expenditure projects in railways, roads and highways, etc.
- India's per capita consumption of steel grew at a CAGR of 3.96 per cent from 46 kgs in FY08 to 68.00 kgs in FY17. The figure stood at 68 kgs (P) during Apr 2017-Feb 2018.



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 was sponsored by The Indian Institute of Metals – Delhi Chapter (IIM-DC) and 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

A high level concurrent conference on “Minerals and Metals Sector - Growth Prospects in New Business Environment” organized by The Indian Institute of Metals- Delhi Chapter (IIM-DC) was a conclave of Policy Makers, CEOs, Industry experts, Scientists, Academia and Engineers associated with Minerals, Metals, Metallurgical and Allied Industries.

A Networking Program was also scheduled with special focus on :

- "New landmarks in Metal Processing Industries using Osborn High performance Rollers."
- ““The New Revolution – Customized rental solutions from Atlas Copco shaping the future”
- “Gear Motors for Power Transmission – By Power Build India Part of ELECON group”

The Exhibition covered vast segments such as Automation & Instrumentations, Environment, Geology & Mining Related Services, Handling & Processing, Gears & Motors, Heat Treatment & Furnaces, Lubricants, Metallurgy Equipment Suppliers, Mineral Development Corporations, Process Control Systems, Non-Ferrous Producers, Rolling Mills, State Industrial Development Boards, Steel Producers, Transportation & Logistics, Transformers and Vibrator De-burring Machines & Consumables.

The event was inaugurated by Shri Chaudhary Birender Singh; Hon'ble Union Minister of Steel in the presence of Government officials, Trade Bodies and the eminent leaders from Steel, Metal and Manufacturing Industry.

MMMM 2018 and co-located shows facilitated exchange of new ideas, sharing of information on the latest development in technologies, systems and equipment in the areas of Metals, Metal Working & Forming, Materials and Metallurgy thus enabling companies in modernization and upgradation of plants and achieve higher efficiency levels.



The Event was Inaugurated by

Shri. Chaudhary Birender Singh

Hon'ble Minister of Steel, Government of India

and The Business Carnival of Steel, Metal, Metallurgy and Engineering Technologies was attended by the leading luminaries of industries includes

Ruchika Chaudhry Govil

Joint Secretary, Ministry of Steel,
Govt. of India

Shri Gopal Singh

CMD, Central Coalfields Limited (CCL),

Shri S S Mohanty

Vice Chairman & MD, NINL

Shri V. Venugopal

Executive Director, Mecon Ltd

Dr. Vinod Nowal

Dy. MD, JSW Steel

Mr. Anand Sen

President (TQM & Steel Business) Tata Steel

Mr. Harinand Rai

Director (Technical) Steel
Authority of India Ltd. (SAIL)

Shri R N Parbat

Past President, IIM

Mr. Anil Anand

Managing Director Paul Wurth
India Pvt. Ltd

Mr. Hiroshi Okuno

Executive Director & CEO,
Primetals Technologies India Private Limited

Mr. Takashi Fukuoka

Vice President, Nippon Steel & Sumikin
Eng. India Pvt Ltd

Mr. Liu Yonglin

Director Sinosteel Equipment &
Engineering Co., Ltd.





15846 Sqm
Gross Exhibition Area



Supported by
17 Industry Associations
and
45 Trade Media



“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



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

**Global Technology
Supplier Pavillion**

476 Leading
Exhibitors from
16 Countries

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

**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 K Satija, 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.

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



Special Business Networking Program

Day-1 29th Aug. 2018

Furnaces & Heat Treatment
Electrotherm India Ltd

Day-2 30th Aug. 2018

New landmarks in Metal Processing Industries using High performance Rollers.
Osborn Lippert India Pvt. Ltd.

The New Revolution – Customized rental solutions for shaping the future"
Atlas Copco (India) Limited

Gear Motors for Power Transmission
Elecon Group

Day-3 31st Aug. 2018

The importance of Refractories in Metallurgy
Calderys India Refractories Ltd

The itinerary of Mineral Development Corporations for next 5 years
NMDC



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

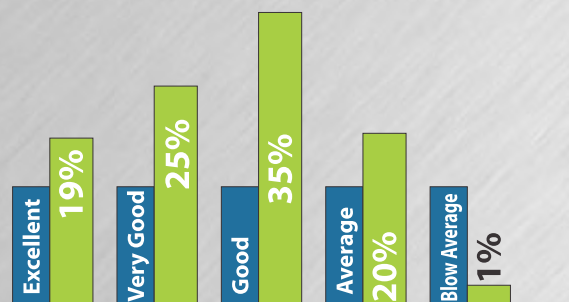
- Metal producing companies
- Alloy manufacturers
- Material testing agencies
- Ferrous and Non-ferrous metal production plants and units
- Foundry Engineering Units

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

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



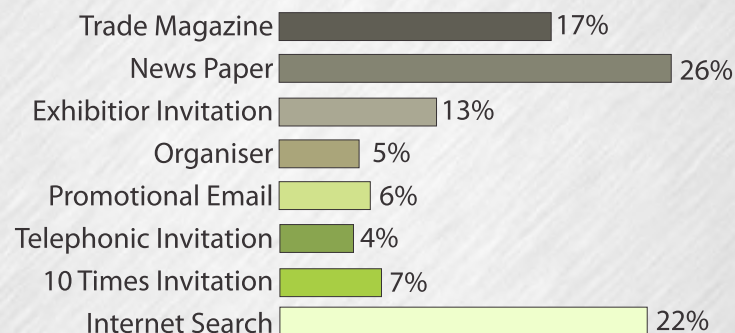
Key Sectors of Interest

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

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

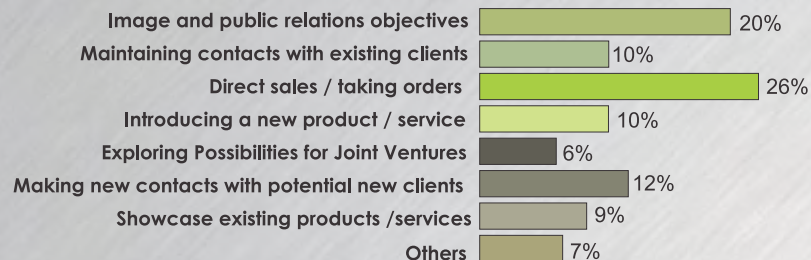
Source of Information About the Show



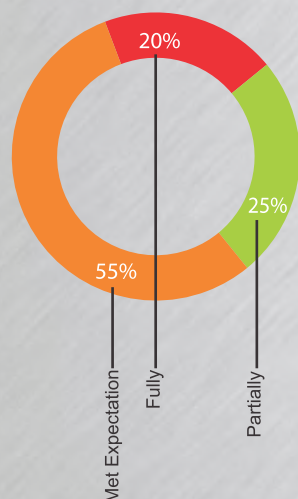
Role in decision making process



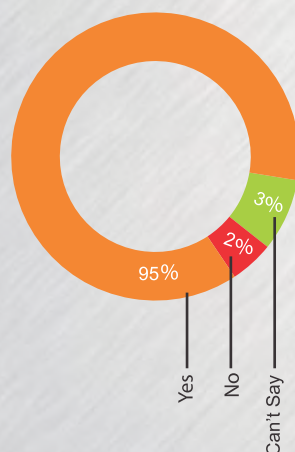
Objective of Participation



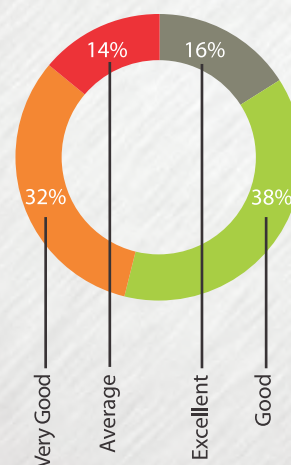
Accomplishment of Participation Objectives



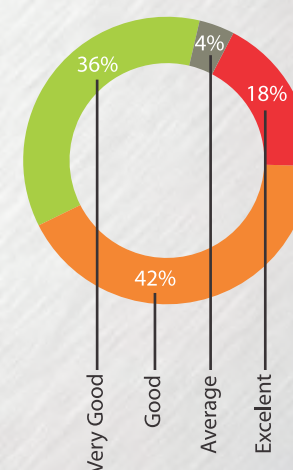
Cost Effectiveness in Participation



Exhibition Arrangements



Quality of Business Visitors





Design & Concept - International Sector

- First SINOSTEEL EQUIPMENT & ENGINEERING CO., LTD.
- Second WISDRI ENGINEERING & RESEARCH INCORPORATION LIMITED

Design & Concept - National Sector

- First ELECTROTHERM(INDIA) LTD.
- Second SHANTHI GEARS LTD
- Commendation PRIMETALS TECHNOLOGIES INDIA PVT LTD
- Commendation YOGIJIDIGI

Best Display- Public Sector Enterprises

- First NMDC
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The Visitor Promotion Campaign covered the Print, Digital, Electronic Media and Bulk Mailing to the focused trade visitors. A brief outline is.

- Advertisements in Leading Trade Media all across India
- Advertisements in **The Times of India**, a leading newspaper with circulation of **8,69,793** covering Delhi & Delhi NCR
- Advertisements in **Hindustan Times + Mint**, a leading newspaper with circulation of **15,72,115** covering Delhi, Chandigarh, Lucknow, Patna, Mumbai & Pune, Ahmedabad, Chennai, Bangalore, Hyderabad and Kolkata
- Advertisements in **Hindustan Times Hindi**, a leading newspaper with circulation of **25,18,571** covering UP & Uttarakhand, Agra, Aligarh, Bareilly, Allahabad, Gorakhpur, Kanpur, Lucknow, Meerut, Moradabad, Varanasi, Uttarakhand : Dehradun & Haldwani
- Advertisement in **Economics Times** with circulation of **1,30,136** covering Delhi & NCR
- Advertisement in **Financial Express** with circulation of **40718** covering Delhi & NCR
- Advertisement in **Business Standard** with circulation of **19628** covering Delhi & NCR
- Advertisement in **Indian Express** with circulation of **75000** covering Delhi & NCR
- Advertisement in **Nav Bharat Times** with circulation of **5,74,311** covering Delhi & NCR
- Advertisement in **Sandhya Times** covering Delhi & NCR
- **A dedicated PR agency** was hired to get write-ups in the mainline Dailies and Regional News Dailies
- **A dedicated Tele-calling** on visitor database by **focused visitors**
- **80,000+ Direct invitation** to the visitor database
- Personalized Invites were extended to **key officials as VIP's and Special Invitees** of Trade Commissions, Embassies, Government Officials and key business visitors
- **20,000+** Visitor Invitations through Exhibitors
- **600+ e-mail shots** at the visitor database
- **Cross Promotion** at Various Industry Platform, Conferences and Industry Events
- **A dedicated campaign** was carried out on Social Media Platform Like LinkedIn, Twitter and Facebook
- **Personalized Invitation to members of supporting Trade Associations, Federations, Ministries**



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Business News Markets Expert View By December end, we may become second largest steel producer in world: Chaudhary Birender Singh

02:11 PM / 24 SEP LIVE MARKET STATS

SENSEX	NIFTY 50	SENSEX (F&O)	SENSEX (F&O)
38,150 ▼ -161.88	11,516 ▼ -65.85	30,265.00 ▼ -42.00	71.46 ▲ 0.24

By December end, we may become second largest steel producer in world: Chaudhary Birender Singh

ET Now | Aug 29, 2018, 05:00 PM IST

0 Comments



Within a short span of time, by following the practice of Indian made steel for government projects, we have been able to save at least Rs 5000 crore, **Chaudhary Birender Singh**, Steel Minister, tells ET Now.

Edited excerpts:

What is your overview on how the Indian steel sector is positioned right now and the return pricing power for Indian steel makers?

For about a year, there has been a turnaround. We were facing a lot of crisis about two years back. But now things are on the right track and the way steel industry is moving, I expect that the targets in our national policy of 2017 will be met. We have capacity for 300 million tonnes.

One more thing which is very important is we are making efforts to see that Make in India programme is successful and the equipment which has to be purchased to increase capacities, is available within our country. A lot of global producers, manufacturers of different machines, have showed interest in putting up their industry in India. That way, we would be able to save a lot of foreign exchange.

India has been able to beat Japan and become the third largest steel producer in the world. Now we are seeing a lot of idle capacity being used thanks to NCLT. Do you believe India could in the near future attain the second spot in terms of steel production in the world?

In the first three months of this year, we got the position of second largest steel producer and we hope by the end of this financial year, rather by the end of December 2018, we may attain the position of second largest steel producer in the world.

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Steel industry hopes govt will bring clear policy to boost ecosystem



बिज़नेस स्टैंडर्ड

Tuesday, September 04, 2018 02:30 PM English | INDIA

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खान-धातु क्षेत्र की अंतरराष्ट्रीय प्रदर्शनी एमएमएमएम का उद्घाटन बुधवार को

बिजनेस स्टैंडर्ड

खान और धातु क्षेत्र से संबंधित अंतरराष्ट्रीय प्रदर्शनी एवं सम्मेलन (एमएमएमएम 2018) के 12वें संस्करण का उद्घाटन बुधवार को हुआ। प्रगति मैदान में आयोजित इस कार्यक्रम का उद्घाटन केटीएम इंडिया में चीफ़ ऑफ़िस किया। इस अवसर पर इसल में भारतीय इस्पात उद्योग के प्रमुखों और विश्व के नेताओं के साथ मंच पर चर्चा की गई। कार्यक्रम में 15 दिवस के 400 से अधिक प्रदर्शक हिस्सा ले रहे हैं। इनमें कोरिया, ऑस्ट्रेलिया, जावा, फ़िनलैंड, जर्मनी, इटली, रूस, स्पेन, फ़्रान्स और अमेरिका के प्रमुख देश भी शामिल हैं। कार्यक्रम में खनिज समूह रावत डायरेक्ट, प्रथम काल, उद्योग, कर्माधिकार और मुद्रा भी शामिल हैं। इसके साथ ही खान देशों की ओर से व्यापारिक प्रतिनिधित्व भी निदेश के अंतर्गत एमएमएमएम 2018 में आएंगे।

बिजनेस स्टैंडर्ड

Keyword: MMMM 2018, Steel, Pragati Maidan, Birender Singh, Minerals, Metals, Metallurgy, Exhibition, Conference.

NBT बिज़नेस ET बिज़नेस न्यूज़ शेयर बाजार कम्पाई-बच्चा प्रॉपर्टी इनकम टैक्स कम्पोजिटिटी ईटी

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भूषण स्टील, भूषण एनर्जी के बीच हुये बिजली समझौते पर विचार विमर्श जारी: टाटा स्टील

यह कार्टिकल एनर्जी से कोर्ट-अपरोड हुआ है। इसे नवभारत टाइम्स, कॉपी की टैप ने एडिट नहीं किया है।

भाषा | Updated: Aug 29, 2018, 06:45PM IST

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नवी दिल्ली, 29 अगस्त (भाषा) टाटा स्टील ने आज कहा कि भूषण स्टील और भूषण एनर्जी के बीच हुये बिजली खरीद समझौते पर विचार विमर्श जारी है। कर्ज बोझ तले दबी भूषण स्टील का टाटा स्टील ने अधिग्रहण किया है।

टाटा स्टील की ओर से यह बयान ऐसे समय आया जब इस तरह के समाचार आ रहे थे कि लागत कम करने के लिये भूषण स्टील और भूषण एनर्जी के बीच हुये बिजली खरीद समझौते को टाटा स्टील ने खत्म करने की प्रक्रिया शुरू कर दी है।

टाटा स्टील के इसका कारोबार एवं गुणवत्ता प्रबंधन के अध्यक्ष आनंद सेन ने संवाददाताओं से कहा, "भूषण स्टील का एक अन्य कंपनी भूषण एनर्जी लिमिटेड के साथ बिजली खरीद समझौता है। फिलहाल इस समय इस पर बातचीत चल रही है और अभी कुछ नहीं हुआ है। इनके बीच हुये अनुबंध को लेकर बातचीत चल रही है।"

उन्होंने यह बात आईटीआईआई द्वारा खनिज एवं धातु क्षेत्र पर आयोजित अंतरराष्ट्रीय सम्मेलन से इतर कही।

सेन ने कहा, "कंपनी महसूस कर रही है कि यह अनुबंध आर्थिक रूप से व्यावहारिक नहीं है इसलिए इसकी जांच की जा रही है और भूषण एनर्जी लिमिटेड के मालिकों से दोनों पक्षों के लिये लाभकारी अनुबंध पर चर्चा चल रही है।"

भूषण एनर्जी, भूषण स्टील लिमिटेड की अनुबंधी कंपनी है।

जब उनसे पूछा गया कि क्या कंपनी ने बिजली समझौते को रद्द करने की प्रक्रिया शुरू कर दी है तो इस पर उन्होंने कहा, "मुझे नहीं पता कि बिजली खरीद समझौते को रद्द किया जा रहा है या नहीं, लेकिन इसके अनुबंध पर चर्चा चल रही है।"

“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 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)

“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)

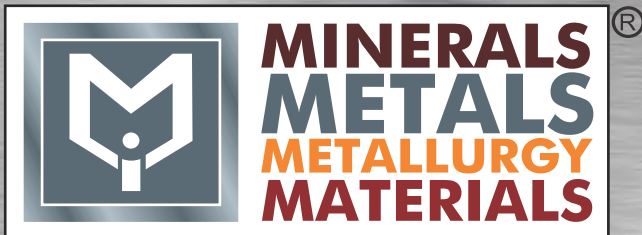
“Well organized show by ITEI. We had an excellent experience with great networking with industry leaders and experts where we could showcase our latest Technology. We hope to come back again.”

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)





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