

International Conference on
**“Process & Product
Innovations in
Metal Production”**

Co-located with

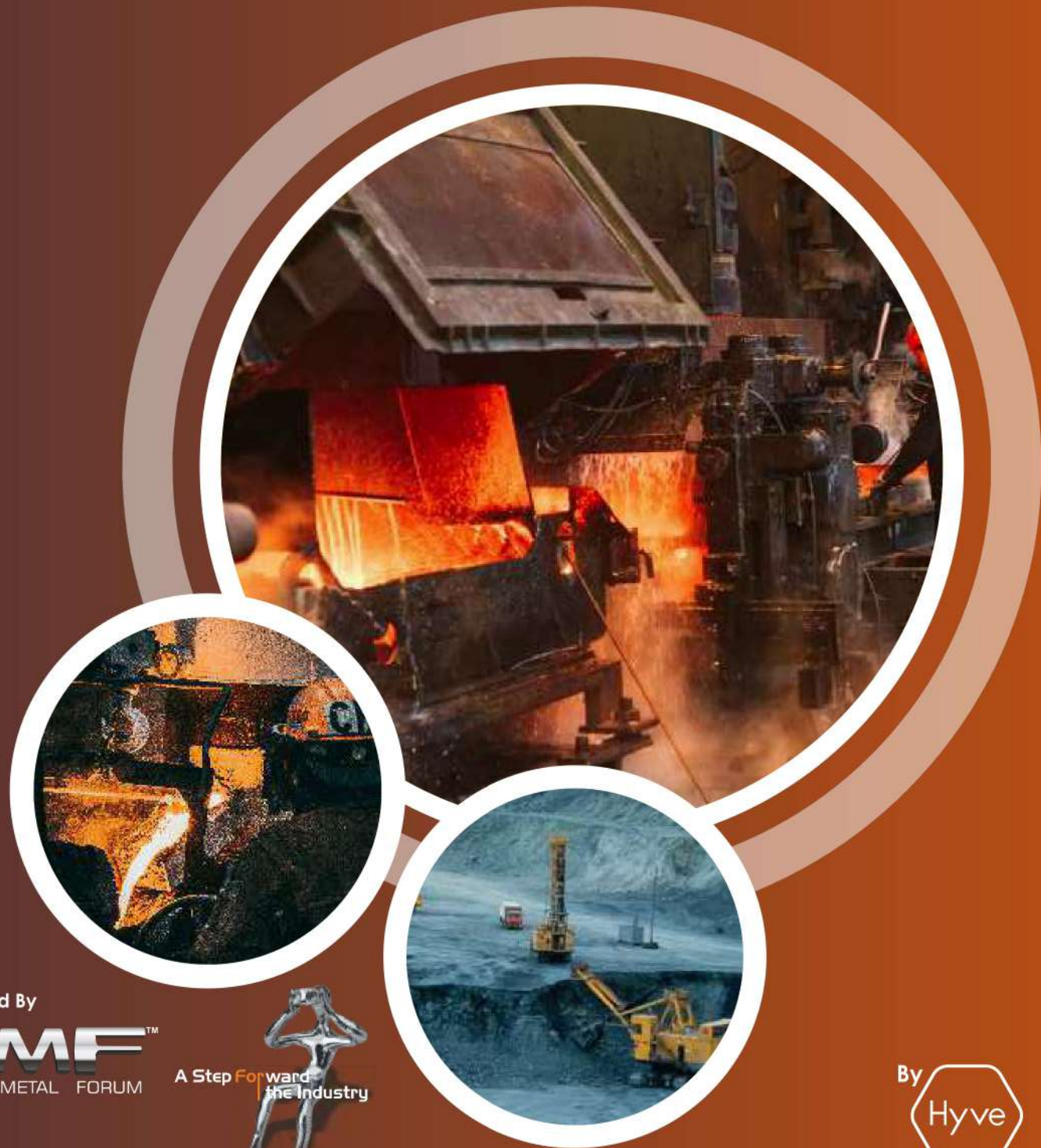


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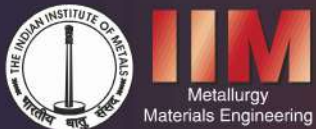
14th International Exhibition & Conference on
Minerals, Metals, Metallurgy & Materials

27 - 29 September 2024

Yashobhoomi (IICC), Dwarka, New Delhi, INDIA

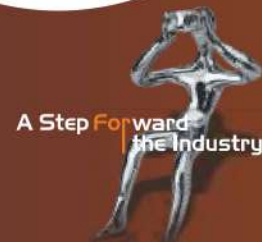


Organised By



The Indian Institute of Metals – Delhi Chapter

Supported By



The Indian Institute of Metals (IIM)

The Indian Institute of Metals(IIM), formed in 1946 with headquarters at Kolkata, aims to cater to the needs of Metallurgical Engineers and Material Scientists working in the areas of mineral beneficiation, extraction, metal production, fabrication, heat treatment, finishing as well as practical and theoretical aspects of all ferrous and non-ferrous metals and alloys, ceramics, composites and other disciplines. The activities of the Institute include organising national and international technical conferences and programmes, research activities, publications, conducting qualifying examinations etc. The Institute, with 47 Chapters and about 8000 members, is recognised throughout the world as one of the premier metallurgical organisations.

IIM Delhi Chapter

The Delhi Chapter of IIM (IIM DC) was founded in 1953 and holds an eminent status among all the IIM Chapters. This Chapter is organizing a number of technical events viz., lectures, seminars, workshops and technical talks on regular basis. The Chapter also organizes technical visits to plants located in and around NCR region.

About the International Conference & Exhibition

Since 1996, IIM Delhi Chapter has been organizing a biennial event - **MMMM (Minerals, Metals, Metallurgy & Materials)** on issues of national importance impacting the Ferrous and Non-Ferrous Metals Industries. **MMMM 2024** shall include an international conference and an international technical exhibition, which will run concurrently.

The title of this year's International Conference is "**Process & Product Innovations in Metal Production.**"

Metallurgical industries have always been receptive to novel ideas and new technologies. While efficiently utilizing existing manufacturing processes, the focus has also been on suitably adopting innovations from related fields. Current focus is on replacing traditional production methods with cleaner alternatives powered by renewable energy, including green hydrogen, green energy, carbon capture, storage and utilization etc., enabling shift towards "green" production, i.e., achieving a net zero carbon footprint, and digitalization.



Also, there is a quest to reduce overall waste and foster circular economy practices, for maximizing resource utilization. Automation is propelling the industry into a new era of efficiency, safety, and sustainability. Enhanced productivity arises from computer-controlled precision that ensures consistent high-quality output, while also significantly reducing operational costs.

Innovation isn't just about processes; it's also about the products. New alloys are being developed with enhanced properties, such as increased strength, better corrosion resistance, or lighter weight etc. Such advancements expand the range of applications, from aerospace to medical implants.

India's metal sector is experiencing significant growth. Besides adding new capacity, the industry has also been continuously updating and upgrading older plants to higher efficiency levels. The continuous diffusion of process and product innovations has been crucial for maintaining healthy growth.

The Conference on **Process & Product Innovations in Metal Production** aims to bring together the professionals across both the domestic and international organizations for deliberating on emerging trends and take stock of new technologies and their scale of impact. Goal is to draw on industry knowledge, create lively conversations and get an idea of the challenges and opportunities ahead. Participants will hear from keynote speakers, industry experts and researchers. Senior officers from Ministry of Steel and Ministry of Mines, Govt. of India, and Captains of the industry shall be invited to deliver special addresses. Conference also aims to foster collaborations, share best practices, present cutting-edge research, gain insights from peers, engage in thought-provoking discussions and learn about the latest trends in manufacturing products.

Themes of Conference

- Transforming traditional production processes for greater efficiency.
- Adopting new technologies in traditional manufacturing facilities
- Process optimization through automation and process control
- Digital innovations shaping the future of metal production
- Process innovations towards "green" production
- Recovering valuable chemicals from waste gases
- Metal scrap collection, processing, quality assurance and utilization
- Waste minimization and utilization
- Critical minerals and metals
- New alloys for emerging applications – development, production and processing
- Technological innovations for safer, more efficient, and sustainable metal production.

Technical Papers

Technical papers are invited for presentation in the Conference from researchers, technology and equipment suppliers, academicians, service providers and industry experts for presentation in the Conference. Selected papers shall be published in the form of bound volume.

Important Deadlines

Submission of Abstract

June 30, 2024

Communication of Acceptance

July 10, 2024

Submission of Full text

July 31, 2024

Registration

Registration Fees per delegate (including GST)		Payment Details Cheques/demand drafts may be drawn in favour of The Indian Institute of Metals , payable at New Delhi . Payments can also be made by NEFT/ RTGS. Details are as under:	
IIM Members	Rs. 3,500	Bank Name & Branch Address	Punjab National Bank 45, Tughlakabad Institutional Area, M.B. Road, New Delhi-110062
Non-Members	Rs. 5,000		IFSC Code
Academia	Rs. 2,500	Account Type	Savings Bank
Spouses	Rs. 1,000	Account No:	06292010014900
Student Members	Rs. 1,000		
Overseas Delegates	US \$ 250		

Advertisement in Souvenir

The advertisement charges in Souvenir (including GST) are as under:

Advertisement Charges

Outside Back Cover Page (Colour)	Rs. 50,000
Inside Front Cover Page (Colour)	Rs. 40,000
Inside Back Cover Page (Colour)	Rs. 35,000
Inside Full Page (Colour)	Rs. 30,000

Advertisement material (A4 size) may be sent by 31st July 2024.

Manufacturers' Presentation

Technical sessions in International Conference will have a priority slot of 30 minutes for Manufacturers' presentations, where technology and equipment suppliers can highlight their latest technology, products and services. Presenter will be given complimentary registration. Charges are:

Indian	Rs. 100000/-
Overseas	US \$ 2500



Sponsorship

Sponsorship is solicited from industries, technology and equipment suppliers, and consultants. The following benefits would be available to the Sponsors :

Platinum Sponsorship	Rs. 8.00 Lakh	<ul style="list-style-type: none"> • Eight complimentary delegates • One full page colour advertisement • Wide publicity in the banners and souvenir • Space in Exhibition (15sqm)
Diamond Sponsorship	Rs. 6.00 Lakh	<ul style="list-style-type: none"> • Six complimentary delegates • One full page colour advertisement • Wide publicity in the banners and souvenir • Space in Exhibition (12sqm)
Gold Sponsorship	Rs. 5.00 Lakh	<ul style="list-style-type: none"> • Five complimentary delegates • One full page colour advertisement • Wide publicity in the banners and souvenir • Space in Exhibition (9sqm)
Silver Sponsorship	Rs. 3.00 Lakh	<ul style="list-style-type: none"> • Three complimentary delegates • One full page colour advertisement • Wide publicity in the banners and souvenir • One Table Space in Exhibition
Lunch Sponsorship	Rs. 3.00 Lakh	<ul style="list-style-type: none"> • Three complimentary delegates • One banner at lunch venue • Wide publicity in the banners and souvenir • One Table Space in Exhibition
Kit Sponsorship	Rs. 3.00 Lakh	<ul style="list-style-type: none"> • Three complimentary delegates • Logo in the kit • Wide publicity in the banners and souvenir • One Table Space in Exhibition
Refreshment Sponsorship	Rs. 1.00 Lakh	<ul style="list-style-type: none"> • One complimentary delegate • Prominent display of Logo during Refreshment Breaks • One Table Space in Exhibition

Correspondence

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Hon. Secretary

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