

Metal China,2026 and Delegation to Metal China/Diecasting China/Non Ferrous China, 2026 at Shanghai

IIF Booth

The National and the International Committee of IIF got complementary space of 18 sq ft at the Exhibition. Under the theme "**Casting Green and Intelligent Future**", the combined exhibition area spanned 120,000 square meters, featuring over 1,200 renowned exhibitors and attracted approximately 150,000 professional visitors from more than 60 countries and regions. The event hosted over 100 industry-focused forums and activities, forming an integrated exhibition matrix that encompasses the entire spectrum of foundry, die casting, and nonferrous metal casting industries. This platform facilitated international exchange, technological demonstration, and trade cooperation by showcasing comprehensive materials, advanced processes, and end-to-end industrial chain integration. Nearly 150 visitors visited the IIF Booth with various enquiries. The IIF Booth was handled by Ms Anima Pandey, Director, National Centre for Export Promotion, IIF and Mr R K Gopalakrishnan, Director, National Centre for Skill Development, IIF.

At Foundry Industry Collaboration and Development Conference on 5th May, 2026, more than 10 international foundry organization leaders and experts attended the International Foundry Forum, sharing the insights into the future foundry development. **Mr Sushil Sharma, President, IIF and Mr Subodh Panchal, Mentor, National and International Committee, IIF and Past President of IIF** spoke at the forum on Foundry Industry and Technological advancements in the Sector in India.



Top Left: Mr Subodh Panchal, Mentor, National and International Committee and Mr Sushil Sharma, President, IIF being facilitated at the Foundry Industry Collaboration and Development Conference

Top Right: Mr Sushil Sharma speaking at the session



Delegates at the International Foundry Forum

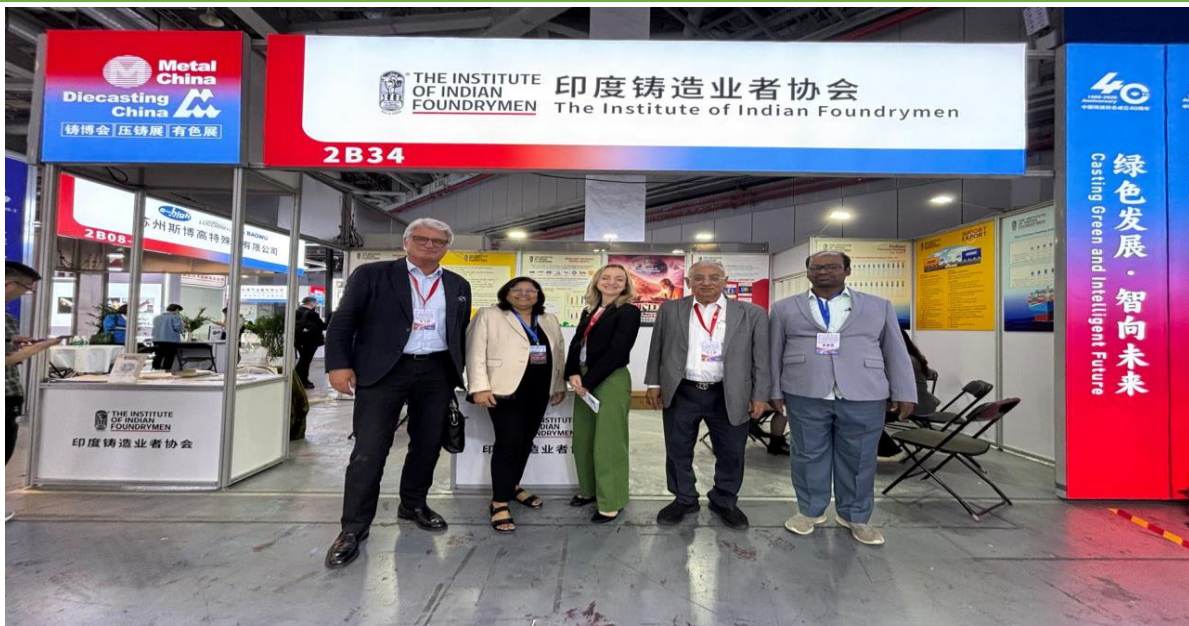


← Delegation Members at the IIF Booth. In the Middle is Mr Sushil Sharma, President, IIF. To his left is Ms Anuja Sharma, NC member, Mr Vineet Jain, Past President, IIF, Ms Anima Pandey, Director, NCEP, IIF. To his right is Mr Subodh Panchal, Mentor, National and International Committee, IIF, Mr Pradeep Madhogaria, NC member and Mr Abhishek Satnaniwala, Spl Invitee to NC

Business Meetings in progress



Mr Thomas Fristch, CEO and Editor in Chief of Foundry Planet, GMBH at IIF Booth



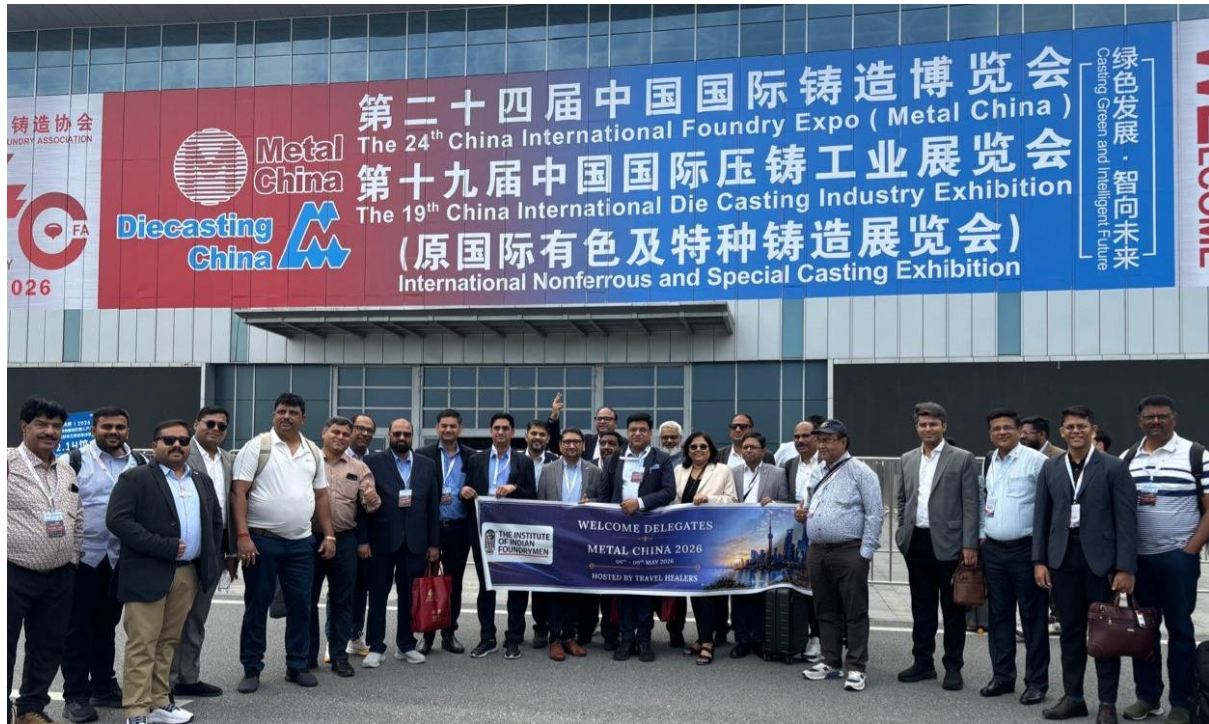
Delegation to Metal China, Die Casting China and Non Ferrous China, 2026

6th May, 2026 to 9th May, 2026, Shanghai, China

Eighty four member delegation was organised by National Centre for Export Promotion and the National & International Relations Committee, to **Metal China, Diecasting China & Nonferrous China 2026**, held from 6th to 9th May 2026 at the National Exhibition and Convention Center, Shanghai, China. The Delegation brought together representatives from

different segments of the Indian foundry ecosystem, including casting manufacturers, raw material suppliers, equipment manufacturers, exporters, foundry chemical producers, aluminium foundries, auto component manufacturers and other allied sectors.

Team IIF at Metal China, 2026



The visit to Metal China offered the delegation first-hand exposure to the global foundry value chain, covering foundry raw materials, equipment, diecasting, non-ferrous casting, moulds, patterns, jigs, fixtures, 3D printing, software solutions, consulting services and high-end cast components. The fair provided members with valuable opportunities to benchmark Indian foundry practices with international standards and understand the latest trends in green foundry, digital intelligence, automation and advanced manufacturing technologies.

One of the biggest takeaways was the scale at which China is operating today. China remains the world's largest casting producer with an annual production exceeding 50 million tonnes, while India has emerged as the second-largest casting producer with approximately 12–16 million tonnes annually. However, a significant gap remains in terms of automation, speed of implementation, manufacturing scale, and technology integration.

During the exhibition the members witnessed extensive developments in:

- Foundry automation
- Die-casting technologies
- CNC integration
- Industrial robotics
- AI-assisted automation
- Material handling systems
- Humanoid and motion-control robotics

A particularly interesting learning was understanding the distinction between “movement control” and “intelligent decision-making” in robotics. Present-day robots are already highly efficient in repetitive industrial activities such as welding, grinding, CNC tending, handling, and logistics movement. However, humanoid robots capable of complex reasoning, adaptability, and independent decision-making are still evolving and may take more time for large-scale industrial implementation.

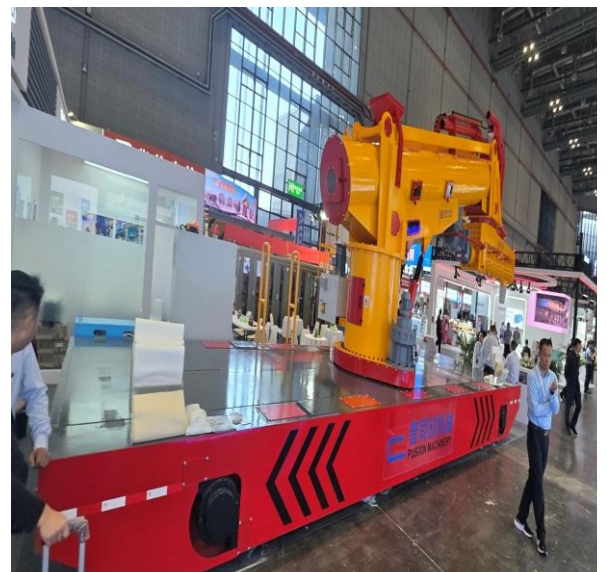
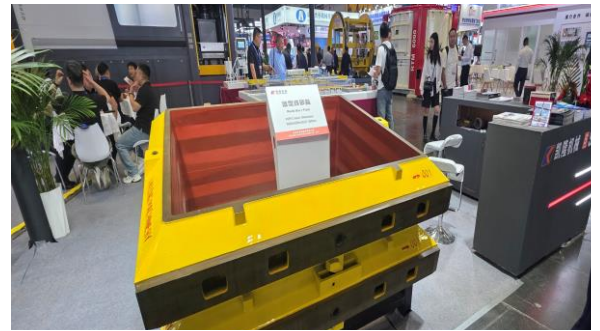
The Coimbatore Team at Metal China



A major learning area for the delegation was raw material sourcing and quality benchmarking. Delegates explored exhibitors dealing in silica sand, refractory materials, ferroalloys, carbon materials, bentonite, ceramics and other foundry inputs. This helped members study alternative sourcing channels, quality parameters, supply reliability and cost competitiveness, especially at a time when raw material availability and price volatility remain important concerns for Indian foundries.

The delegation also gained exposure to modern foundry equipment, automation, digital applications and intelligent manufacturing systems. Exhibitors showcased solutions related to moulding systems, furnace technologies, material handling, inspection systems, environmental control equipment, simulation, process optimisation and production planning. These areas are highly relevant for Indian foundries seeking to improve productivity, reduce defects, strengthen process control and enhance global competitiveness.

Glimples of the Exhibition

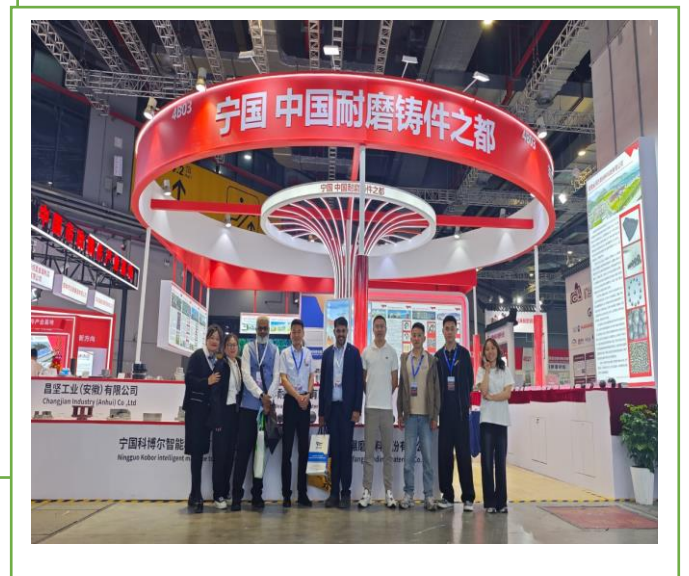


Diecasting China and Nonferrous China sections were particularly useful for delegates associated with aluminium castings, auto components, pump and valve components, engineering castings and new mobility applications. The displays on diecasting machines, mould technologies, magnesium alloy applications, NEV-related components and lightweighting solutions provided insights into future growth areas for Indian foundries.

Another important takeaway was the growing relevance of 3D printing and additive manufacturing in foundry operations. The delegation observed how 3D printing can support rapid prototyping, sand mould development, complex geometries, pattern making and faster product development cycles. This learning is particularly valuable for Indian foundries aiming to move towards customised, high-value and design-intensive casting solutions.

The visit also strengthened understanding of green foundry and sustainability practices. The exhibition's focus on environmental protection technologies, cleaner raw materials, waste reduction, recycling, energy efficiency and low-carbon production practices helped delegates appreciate the importance of sustainability in future export markets. This is especially significant as global buyers increasingly expect measurable action on carbon reduction, resource efficiency and cleaner manufacturing.

Members at IIF Booth and Metal China





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Mr Sushil Sharma, President, IIF welcoming the delegates at India Day

To his left is Mr Prayut Bhamawat, Secretary, IIF

To his right are Mr S Muthukumar, Treasurer, IIF, Mr Vinit Jain, Past President, IIF and Ms Anuja Sharma, National Council Member, IIF

Factory Visit

As part of the international engagement, the delegation also visited **Shanghai ASD Automotive Components Co., Ltd.** The factory visit provided exposure to aluminium casting for automotive lightweighting, new energy vehicle components, robot body castings, automation, smart factory systems, machine vision, MES, WMS, WCS, SCADA and industrial Internet applications. The visit helped delegates understand how modern foundries are integrating casting operations with automation, digital monitoring, quality control and advanced logistics..



←
Mr Sushil Sharma, President IIF presenting memento to Mr Liang Rui, General Manager, ASD



Glimpess of the Shanghai ASD Automotive Components Co. Ltd



←
Mr Liang Rui, General Manager, ASD, making a presentation to the participants

Visit to Few Foundries by few members of Coimbatore Team after the show



The visit also highlighted the tremendous opportunity available for Indian manufacturing and the foundry industry under the China+1 scenario. However, the key message was very clear — India cannot depend only on low-cost labour for future growth. The industry must increasingly focus on:

- Technology adoption
- Automation
- Skill development
- Quality systems

- Indigenous manufacturing capability
- Productivity and precision engineering

The overall mindset observed in China was highly inspiring. Factories are actively investing in future technologies rather than waiting for change to happen. There was visible seriousness towards modernization, implementation speed, automation, and manufacturing excellence.

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