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OF INDIAN  
FOUNDRYMEN



THE INSTITUTE  
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SOUTHERN  
REGION



cast india  
expo



Unleashing the  
Opportunities @  
72<sup>ND</sup> INDIAN  
FOUNDRY  
CONGRESS



# POST SHOW REPORT

The 20th edition of the  
**International Foundry Exhibition**

## IFEX 2024

Concurrent with

- 72nd Indian Foundry Congress
- Lost Foam Casting Expo
- Cast India Expo 2024



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## An Overview

The 20th edition of the International Foundry Exhibition, IFEX 2024 was held from February 2nd to 4th at the Bangalore International Exhibition Centre, Bengaluru, Karnataka which set a new benchmark for future exhibitions. The event marked a significant milestone in the foundry industry with a resounding success.



Number of Exhibitors	340
International Participation	Japan, Germany, Oman, Kingdom of Saudi Arabia, Taiwan, Russia, United Kingdom
Exhibition Halls	Hall no. 4 & 5, BIEC, Bengaluru
Total Visitors	12,501



## *Unprecedented Milestones:*

### ***The Historic Success of IFEX 2024***

IFEX 2024, which took place from the 2nd to the 4th of February, achieved unparalleled success and set new benchmarks in the history of the Indian Institute of Foundrymen (IIF). Let's delve into each point that contributed to its resounding success:

**Largest Ever IFEX in IIF History:** This year's IFEX was the biggest in the history of the IIF, indicating a significant expansion in terms of scale and scope. This growth reflects the increasing interest and investment in the foundry industry, showcasing the event's evolution into a pivotal platform for industry stakeholders.

**Largest-ever Foundry Event and Gathering Across the Country:** IFEX 2024 distinguished itself not just within the confines of IIF events but across the entire foundry sector in India. It emerged as the largest gathering of professionals, businesses, and enthusiasts in the foundry industry, underscoring its importance as a central hub for networking, learning, and business development.

**Highest Number of Exhibitors:** With 340 exhibitors participating, IFEX 2024 hosted the highest number of exhibitors in its history. This diversity and volume of exhibitors allowed visitors to explore a wide array of products, technologies, and services, fostering an environment rich in innovation and collaboration.

**Largest Net Area Occupied:** The event spread over a net area of 13,598 square meters, the largest footprint for any IFEX to date. This expansive space accommodated the numerous exhibitors and installations, facilitating a comprehensive showcase of the industry's capabilities and innovations.

**Largest Gross Area Occupied:** Occupying a gross area of 23,128 square meters, IFEX 2024 set a record for the total event space. This allowed for more extensive exhibits and a greater number of attendees, enhancing the overall experience and opportunities for interaction and engagement.

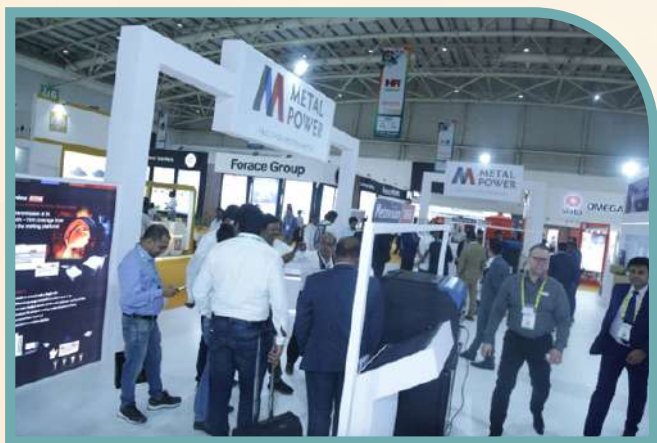
## Unprecedented Milestones:

**Highest Number of Visitors:** The event attracted 12,501 visitors, marking the highest attendance in IFEX history. This significant turnout underscores the event's appeal and relevance to a wide audience, including industry professionals, businesses, and enthusiasts eager to stay abreast of the latest trends and technologies.

**First Ever IFEX to Have a Live LFC Demo:** IFEX 2024 introduced a live Lost Foam Casting (LFC) demonstration for the first time, offering attendees a unique opportunity to witness this advanced casting process in action. This hands-on demonstration provided valuable insights into the practical aspects and efficiencies of LFC technology.

**First Ever IFEX to Have an Exclusive Student's Live Demo:** Another pioneering initiative was the exclusive live demonstration tailored for students. This initiative aimed to engage and inspire the next generation of foundry professionals by providing them with a firsthand look at the industry's processes and technologies. It served as an educational tool, bridging the gap between theoretical knowledge and practical application.

Each of these achievements contributed to making IFEX 2024 a landmark event, showcasing the dynamism and growth potential of the foundry industry in India. Through its extensive scale, diverse participation, and innovative features, IFEX 2024 not only celebrated the present achievements of the industry but also paved the way for its future advancements.





## IFEX 2024 -Visitor Analysis

The exhibition attracted large number of visitors, categorically divided into business visitors, highlighting the event's appeal across various sectors within the industry. Total footfall was recorded 12,501 while the total registration stands at 23,509. The details are given below:

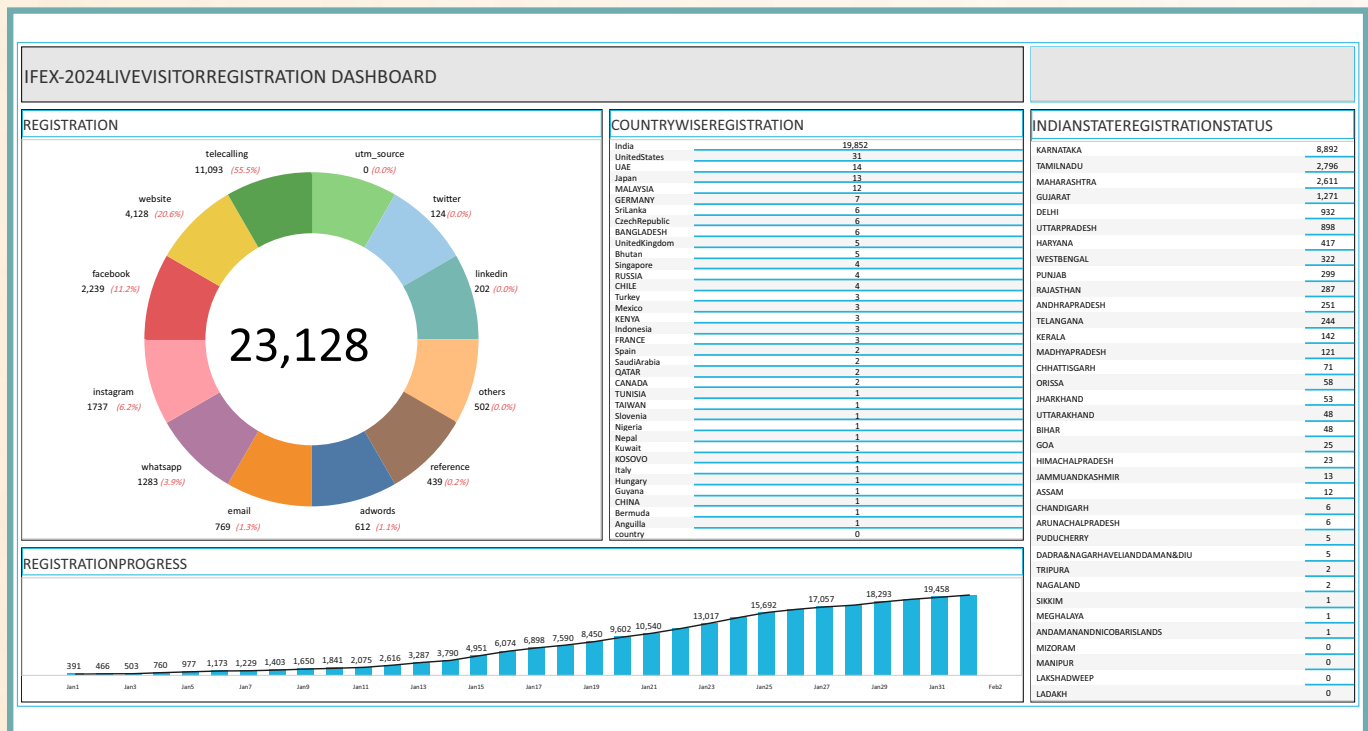


# IFEX 2024 -Visitor Analysis

## Statistics of online Registration:



## The Trail of Setting New Records in Online Registration:



With a total attendance of 12,501, the event was an overwhelming success for the 20th edition of IFEX 2024. Here are the facts and figures depicting resounding accomplishment.



## Inauguration Ceremony

The event commenced with a thumping inauguration ceremony, graced by Dr. N Muthukumar, President & COO of Meritor/AAL India; Sh. Girish DM, Vice President & Head of Volvo Group Purchasing, India; Sh. DS Chandrashekhar, President, IIF; Sh. S Muthukumar, National Secretary, IIF; Sh. SRV Ramanan, Mentor IFC 2024; Sh. S Rudre Gowda, Chairman IFC 2024; Sanjay Shroff, Co-Chairman, Sh. Sanchit Kittur, Chairman Southern Region, Sh. Yogesh Kumar, Chairman of IFEX 2024; and Sh. Sudeep Sarcar, CEO, IEML and many other dignitaries and industry leaders.





## Inauguration Ceremony





## Concurrent Events:

### *72nd Indian Foundry Congress*



The 72nd Indian Foundry Congress was held concurrently with the Lost Foam Casting & Cast India Expo 2024. IFEX 2024 offered a holistic view of the foundry sector's latest trends, technologies, and opportunities, making it an indispensable event for industry professionals.

#### **The Highlights of 72nd Indian Foundry Congress**

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Plenary Session</li><li>• National Level Competition Kaizen &amp; Quiz</li><li>• B2B</li><li>• Casting Clinic</li><li>• MSME Conclave</li><li>• Industrial Visit</li><li>• Tech Mart Symposium</li></ul> | <ul style="list-style-type: none"><li>• Foundry Galleria</li><li>• LFC Tech Session</li><li>• Non-Ferrous Tech Sessions</li><li>• Students Programme</li><li>• Ladies Programme</li><li>• Post Congress Tours</li><li>• Call For Papers</li></ul> |
|--|---|

**Cast India Expo 2024:** The only trade fair in India that rapidly became one of the important castings sourcing destinations in Asia gave an excellent platform to the foundries from across the country to display their capacities and capabilities to buyers from across the globe.

**LFC EXPO 2024:** For the first time in India the Lost Foam India Expo showcased a popular manufacturing process for all-aluminium engines called Evaporative Pattern Casting, more popularly referred to as Lost Foam Casting (LFC).

## Concurrent Events:

### ***LFC Live Demo:***

The live demonstrations of Lost Foam Casting, stood out as the event's main attractions, drawing significant attention and interest from participants.





# Students Live Foundry Demo

***It was an exciting and educational initiative!***

***Total 450 Students participated***

That's a "live students' demo" on the casting process, including hands-on activities and exposure to various technologies, which was a valuable experience for students interested in manufacturing and engineering.

**The program started with "Introduction and Overview":**

1. Welcome and introduction to the purpose of the live demo.
2. Brief explanation of the importance of casting in manufacturing processes.

**Demonstration Stations:**

**(a). Pattern Tooling Station:**

1. Explanation of pattern making and its significance.
2. Hands-on activity for students to create their own patterns.

**(b). Sand-Mould Manufacturing:**

1. Overview of sand moulding techniques.
2. Guided session for students to participate in creating sand moulds.

**(c). Melting Furnace:**

1. Explanation of the melting process and safety precautions.
2. Live demonstration of melting and pouring small castings.

**(d). Automation with Robots:**

1. Introduction to robotics in manufacturing.
2. Demonstration of robots involved in the casting process.

**(e). 3D Modelling and Scanning:**

1. Explanation of the role of 3D modelling in casting.
2. Live demonstration of 3D scanning and modelling techniques.

**(f). Metallurgy Testing:**

1. Overview of metallurgy and its importance in casting.
2. Live demonstration of metallurgy testing equipment.

Incorporating multimedia presentations, visual aids, and interactive elements to enhance the learning experience for students. Ensuring that, safety protocols are followed during the live demo, especially when dealing with melting furnaces and other machinery.

**Q&A Session:**

1. Encourage students to ask questions about the casting process and related technologies.
2. Provide insights into potential career paths in manufacturing and engineering.

**Closing Remarks:**

1. Thanking the students for their participation.
2. Share information about further educational opportunities or workshops.
3. Collect feedback from students regarding their experience.
4. Provide information on additional resources or workshops for those interested.





## Foundry Galleria

### ***From Tradition to Innovation: The Foundry Industry's Evolution at IFEX 2024***

A pictographic journey through the evolution and growth of every component, material, process, and equipment in the Foundry industry was showcased at IFEX 2024, held from February 2nd to 4th, 2024, at the Bangalore International Exhibition Centre (BIEC). This extensive series provided a retrospective look at the industry's origins, featuring ancient machinery and tracing the substantial progress made up to the present day. The presentation was organized in segments, beginning with the Foundry Melting & Treatment Process, then progressing to Mould Making & Core Making, and concluding with the Finishing of Foundry Castings through Automation. It aimed to evoke nostalgia among experienced delegates and to enlighten newer members of the community about the industry's dynamic evolution, encouraging them to become the driving forces for future advancements.





## Exhibition Highlights

IFEX 2024 featured 340 exhibitors, including prominent brands such as

**Inductotherm India Pvt. Ltd.**

**Gargi Huttenes Albertus Pvt. Ltd.**

**Forace Polymers Pvt. Ltd.**

**Metal Power Analytical Pvt. Ltd.**

**Kunkel Wagner (India) P Ltd.**

**Indabrator (A Division Of Nesco Ltd.)**

**Oswal Mineral**

**Kastwel Foundries**

**Difacto Robotics and Automation Pvt. Ltd. & MTC group**, and seven overseas exhibitors.

This edition was celebrated as the largest ever in the history of IFEX and the Foundry Exhibition.



## Testimonials:

Congratulations to the IFEX organizing team for orchestrating a truly wonderful exhibition! Your hard work and attention to detail truly shone through, making it a memorable experience for all. Thank you the IFEX and IIF team for organising India's Biggest Foundry Event.

**S L Meghraj, Sr. Officer, Shanthala Spherocast Pvt. Ltd.**

Kudos to the IFEX organizing team for masterfully curating an exceptional exhibition! The dedication and meticulous attention you've invested were evident, ensuring a remarkable experience for everyone involved. A heartfelt thank you to both the IFEX and IIF teams for hosting India's largest foundry event. I am extremely grateful to the organizers for guiding me throughout the process.

**Uday Gupta, CMD, Laxmi Industries**

The response from the customers is beyond our expectations. We want to extend a lot of thanks for this wonderful opportunity. Thank for IFEX team and IIF Team members for making such wonderful arrangements, immediate response and providing housekeeping & security support.

**Yogaraj, Euro Tech Thermal Equipments**

We are thrilled by the overwhelmingly positive response from our customers, which has exceeded all our expectations. We would like to express our profound gratitude for this incredible opportunity. Our heartfelt thanks go out to the IFEX team and IIF team members for their exceptional organization, prompt responsiveness, and for ensuring top-notch housekeeping and security support.

**Dipen Patel, Director, Masc Global Industries**

IFEX 2024 offered an exceptional experience, and it's imperative to acknowledge the significant contributions of Team IEML in making it a memorable occasion. Congratulations on the successful organization of such a massive event, and we extend our best wishes for the success of your future endeavours.

**Mahesh Deshpande, Advisor Technical & Business Development  
Sree Abirami Equipments**

IFEX 2024 was successfully conducted by organizers, and they all deserve huge applause. Congratulations and best of luck for the next IFEX 2024 in the east region. IFEX 2024 was an extraordinary journey, and the efforts of Team IEML in making it a memorable event deserve immense praise. Congratulations on successfully orchestrating such a grand event, and we extend our best wishes for the success of all your future endeavours.

**Devendra Shende, Maneger Marketing Foseco India Ltd.**



Thank you for the support and for making it happen to revive our memories for a long. Hope everyone had good business and private time with friends. Wishing everyone happiness and prosperity in the future too. Let our Associates keep growing.

**B Ramachandran, Managing Partner, McBram Associates**

A heartfelt thank you to the IFEX team for organizing India's premier Foundry event. Your continued guidance and support are greatly appreciated.

**Devendra Yadav, Director, Asphire System OPC Pvt. Ltd.**





# Glimpses





## Glimpses





## Glimpses





## Glimpses





## Glimpses





# Media Coverage and Promotions

**Economic Times**



**Deccan Herald**



**Prajavani**



**Times of India**





## Conclusion

IFEX 2024 successfully propelled the Indian foundry industry to new heights, demonstrating resilience, innovation, and commitment to excellence. The integration with the Indian Foundry Congress and related expos provided a comprehensive experience, establishing IFEX 2024 as a pivotal event in the global foundry calendar.





## Looking Ahead: IFEX 2025

Following the success of IFEX 2024, preparations are already underway for the 21st edition of the International Foundry Exhibition, IFEX 2025, scheduled to be held on February 7th, 8th, and 9th, 2025, at Milan Mela Ground in Kolkata, West Bengal. This next edition promises to continue the legacy of connecting and empowering the foundry community, alongside the 73rd Foundry Congress and Cast India Expo 2025.

The Further details of the same are given below:

Date	Venue	Concurrent Events
7th, 8th & 9th February 2025	Milan Mela Ground, 3 JBS Haldane Avenue EM Bypass Connector, Park Circus, Kolkata, West Bengal 700046	73rd Foundry Congress and Cast India Expo 2025









## Acknowledgment

### ***Celebrating Collective Forge Toward Excellence***

The collaboration between the Indian Institute of Foundrymen (IIF) and IEMF played a pivotal role in the triumphant realization of IFEX 2024, setting the stage for an even more magnificent IFEX 2025. We extend our heartfelt appreciation to all participants, exhibitors, visitors, and the organizing committees for their invaluable contributions to marking IFEX 2024 as a milestone event.

We are particularly grateful to the distinguished members of our leadership and organizing committees for their dedication and vision. Special thanks to DS Chandrashekar, President of IIF for the term 2023-2024, and S Muthukumar, National Secretary IIF for 2023-2024, for their strategic guidance. We acknowledge the wisdom of SRV Ramanan, Mentor of the IFC 2024 Organizing Committee, and the leadership of S Rudre Gowda, Chairman of the IFC 2024 Organizing Committee. Our gratitude also extends to Yogesh Kumar, Chairman of the IFEX 2024 Organizing Committee, for steering the event towards success.

This acknowledgment underscores our collective journey towards innovation and excellence in the foundry industry. We eagerly anticipate the continued growth and achievements at IFEX 2025 and in the years to come.







# The 20th edition of the International Foundry Exhibition

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**02 03 04 February 2024**  
**Bangalore International Exhibition  
Centre (BIEC), Bengaluru**



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