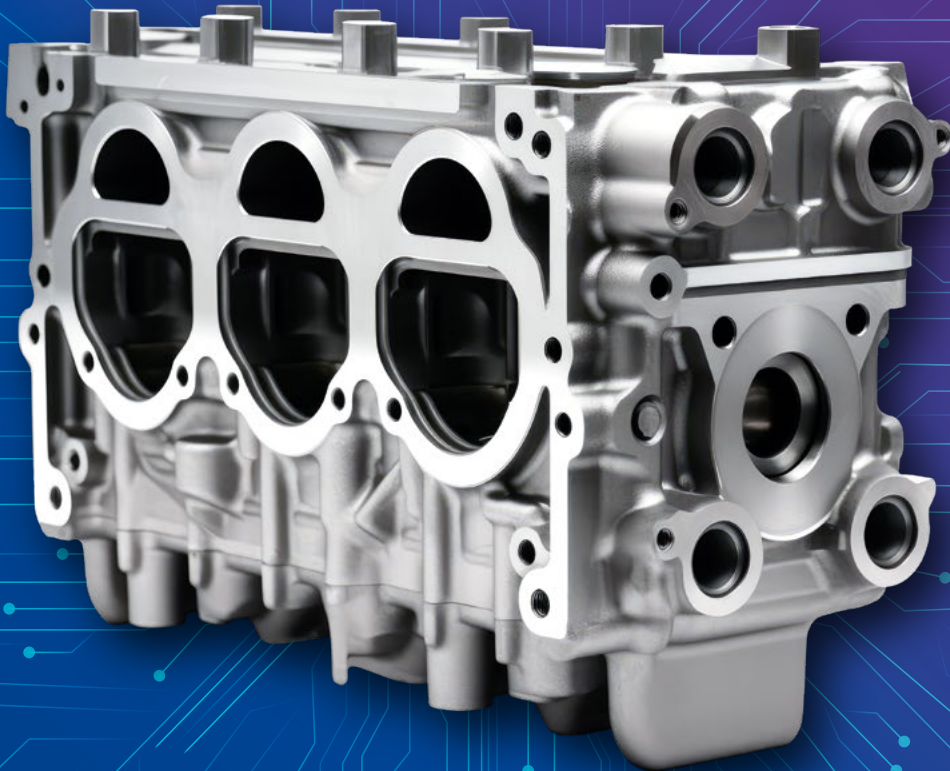


# ALUCAST® 2024

INTERNATIONAL EXHIBITION & CONFERENCE - ALUMINIUM DIE-CASTING  
5-7 DECEMBER 2024 | YASHOBHOOMI, IICC, DWARKA, DELHI



**LEVERAGING INNOVATION &  
TECHNOLOGY FOR  
GLOBAL COMPETITIVENESS**

Event  
Organizer:



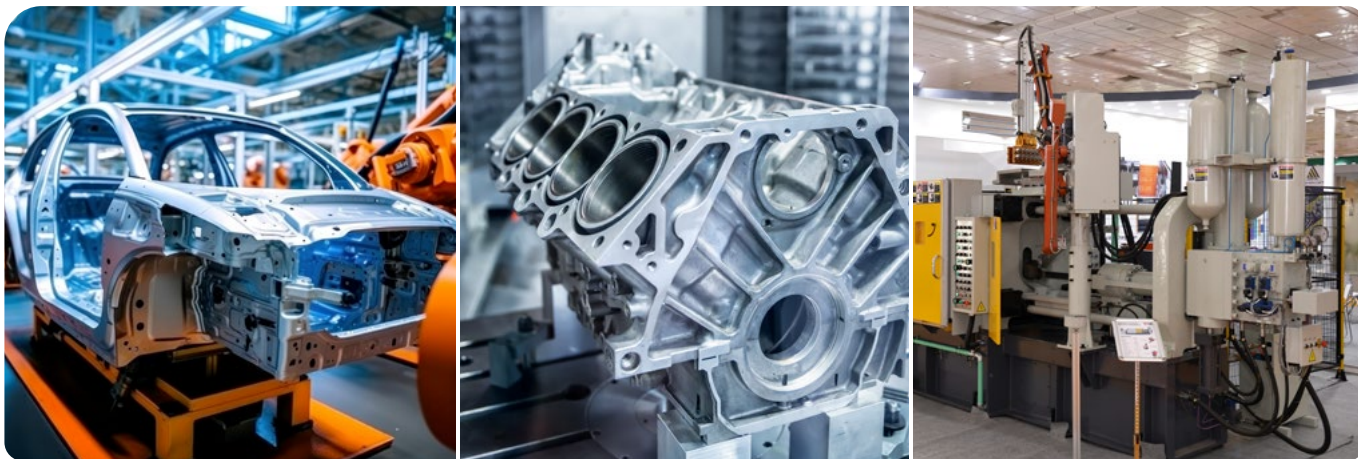
[www.alucastexpo.com](http://www.alucastexpo.com)

Event  
Producer: NÜRNBERG MESSE

# ALUCAST® 2024

India's biggest exhibition for the Aluminium Die Casting Industry, ALUCAST 2024, is scheduled to take place from 5 – 7 December 2024 at Yashobhoomi, IICC, DWARKA, Delhi.

We look forward to welcoming you at the 10<sup>th</sup> edition of ALUCAST EXPO in Dwarka, Delhi. Come and be part of this comprehensive show on Aluminium Die Casting and connect with industry experts and gain insights on latest trends and technologies. Emphasizing precision, lightweight components, innovation and technological progressions will define the upcoming edition.



## CURRENT STATE OF INDIAN DIE-CASTING TECHNOLOGY



### UPGRADATION

Large Die Casting Units invested adequately in modern machines and equipment with latest technologies.



### AUTOMATION

High degree of automation of machines for production, inspection, material handling and traceability.



### ENHANCEMENT

Enhanced manufacturing capacity. Capability to meet customer's requirements well established.



### QUALITY

Quality Management Systems in place, duly certified by International Agencies.



### DIGITAL

Industry has undergone massive digital transformation in the last two years and has witnessed robust technology upgradation.

## EXPECTED

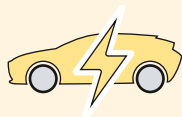
175+ BRANDS

15 COUNTRIES

6000+ VISITORS

# GROWTH OF ALUMINIUM DIE CASTING SECTOR IN INDIA

India's aluminum die-casting industry thrives on automotive and electronics demand, expected to grow over 8.8% from 2020 to 2026. Rising incomes drive auto sales and component demand, while technology advances increase the need for die-cast products in electronics.



## AUTOMOTIVE

- India aims to double its auto industry size to \$179.4 Bn by the end of 2024
- India aims for a 30% Electric Vehicle penetration by 2030, with its EV market projected to grow at a 45.5% CAGR from 2022 to 2030
- Value of the Auto Components industry to reach \$300 Bn by 2026



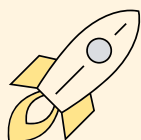
## CONSUMER DURABLES

- The appliances and consumer electronics industry, dominated by ACs, refrigerators, and LEDs is projected to hit \$21.18 Bn by 2025
- India's semiconductor market is anticipated to grow to \$64 Bn by 2026. EV, IoT, 5G etc. driving market growth



## INDUSTRIAL

- The current production of electronic components is \$11 Bn, expected to reach \$18 Bn by 2026
- 50 solar parks with an aggregate capacity of 37.49 GW have been approved
- The PLI scheme for Solar PV with \$2.88 Bn under Aatma Nirbhar Bharat
- Wind Energy has an off-shore target of 30 GW by 2030



## OTHER

- The Ministry of Defence aims for a turnover of \$21 Bn in aerospace and defense manufacturing by 2025
- Indian medical devices market is \$11 Bn, expected to grow to \$50 Bn by 2025

## VISITOR PROFILE

- Casting Purchasers (OEMs, Tier 1 and Tier 2)
- Consultants
- Educational Institutes
- Government Officials
- Investors and Promoters
- Product and Service Users
- Technology Suppliers and Buyers
- Tool Room Centers
- Trade Associations
- Key Personnel of Core & Allied Industries including:
  - Automotive
  - Electronics
  - Electrical appliances
  - Mechanical
  - Electrical instruments
  - Toys & Others

## EXHIBITOR PROFILE

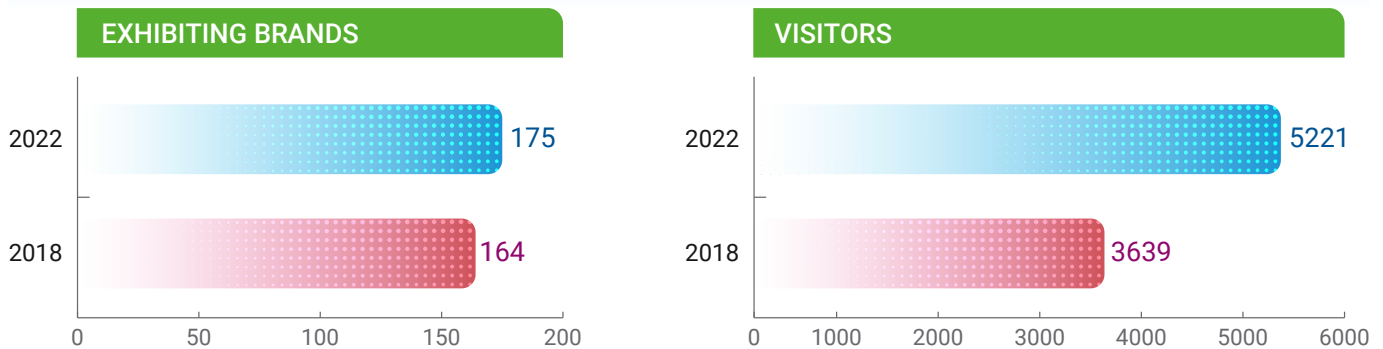
- Aluminium Die Casting
- Aluminium Recycling
- Automation of Casting Process
- Melting Practices and Metal Treatment
- Post Casting Operations
- Heat Treatment Specialists
- Instrumentation and Control
- Software Systems Integration/Rapid Prototyping
- Die Casting Machinery Manufacturers
- Die Manufacturers
- Machine Tools
- Government Bodies and Associations
- Environmental Regulations
- Health and Safety
- Human Resource Management

# REVIEW 2022

*“It's a fantastic forum. It has brought together members across the die casting value chain - be it die casters, tools manufacturers – the entire eco system after the long covid break. The industry has really risen to the challenge. We have become leaner, more productive, and have invested in future-looking technologies.”*

**Dr. Lakshmi Venu, TVS Sundaram Clayton Ltd.**

## STATISTICS



*“The current global geo-political situation brings with it the strong possibility of many global customers moving business to India and the question for our die-casting industry is how well we can leverage this situation. I am very happy to see the wholehearted participation of both domestic and international players at the Alucast Exhibition.”*

**Prasan Firodia, Managing Director, Force Motors Ltd.**

## CONFERENCE

Papers presented during the ALUCAST Conference cover latest technology and market topics, and provide participants with an opportunity to gain new skills and knowledge to enhance their expertise in various domains. The sessions led by the most influential experts will review how challenges in the Die Casting Industry have been faced and resolved successfully. ALUCAST Conference is an important meeting place for the Industry Stakeholders to discuss, debate and define the upcoming trends and technologies.



*“ALUCAST is a show of extraordinary excellence. We have taken a quantum jump since 2018. With around 200 exhibitors, it's a global event. Right now, the industry is on a boom and is expected to continue for the coming years. The growth is enormous and we are hoping more and more people set up die casting plants. We are also seeing a quantum jump in the memberships.”*

**T. Parabrahman, Trustee, Aluminium Casters' Association (ALUCAST)®, India**



## TOP REASONS TO EXHIBIT

-   
**Presenting new products & technologies**
-   
**The whole die casting value chain in one place**
-   
**New business contacts and networking**



### EVENT ORGANIZER



The Aluminium Casters' Association (ALUCAST)<sup>®</sup>, India is the largest registered body representing the Aluminium Die-Casters and castings manufacturers in India. For nearly 2 decades, the association has been organizing and conducting training programmes, workshops, national and international seminars, conferences, exhibitions and industrial visits for this industry.

ALUCAST, the International Conference and Exhibition - India's biggest and most focussed event for the Aluminium Die Casting Industry is also organized under the association's purview.

Its list of members includes manufacturers of Aluminium Castings, Users of Castings, Machines and Peripherals for Die Casting Machines, Foundry Chemicals and Consumables, Design Software, Dies, Casting Process Simulation Software, and others connected with Casting Manufacture and Post Casting Processes.

[www.alucast.co.in](http://www.alucast.co.in)

### EVENT PRODUCER



The NürnbergMesse Group is one of the 15 largest exhibition companies in the world. It includes NürnbergMesse GmbH and that company's 15 subsidiaries and affiliates. The Group employs more than 1,000 people at eleven locations in Germany, Brazil, China, India, Italy, Greece, Austria and the USA. It also has a network of international representatives in more than 100 countries.

Its portfolio comprises some 120 national and international exhibitions and conferences held in person and as digital events, focusing on five general fields: Retail & Consumer Goods, Building & Construction, Process Technology, Electronics & Security, and Social & Public.

NürnbergMesse India has been operational in India for more than 10 years at locations including Delhi, Mumbai and Bengaluru, with more than 20 events under its portfolio.

[www.nm-india.com](http://www.nm-india.com)

## THE LEADING DIE CASTING SHOWS

NÜRNBERG MESSE



NuernbergMesse sees itself as a pioneer for companies wanting to enter the most important foundry markets and strengthen their business connections. We will accompany you in these exciting, flourishing markets and offer you proven exhibition quality and service that you are familiar with from Nuremberg. For you, this means professional, solution-oriented and successful contacts and business.

# ALUCAST® 2024

5 6 7 DECEMBER 2024

Yashobhoomi  
India International Convention &  
Expo Centre (IICC), Delhi



**NEW VENUE:** Located in Dwarka, New Delhi, Yashobhoomi, IICC is India's largest convention and exhibition centre. IICC offers a mixed purpose tourism experience with the best location, convenient transportation, as well as various commercial facilities.

For space bookings and more information, please contact:

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Event  
Organizer:



[www.alucastexpo.com](http://www.alucastexpo.com)

Event  
Producer:

NÜRNBERG MESSE