



18th International Exhibition on Foundry Technology, Equipment, Suppliers, Services & Castings

Concurrent to 70th INDIA FOUNDRY CONGRESS

BUSINESS BEYOND BOUNDARIES

POST SHOW REPORT 2022

17 18 19 APR'22

HELIPAD EXHIBITION CENTRE,
Sector 17, Gandhinagar, Gujarat



CONCURRENT SHOW
**cast india
expo**
Global Showcase of Indian Foundries
2022

**THE INSTITUTE
OF INDIAN
FOUNDRYMEN**
**WESTERN
REGION**
www.ifcindia2022.com


K AND D
COMMUNICATION LIMITED
www.kdclglobal.com

Business Beyond Boundaries

IFEX 2022 boosted business confidence in foundry equipment and foundry raw material sector. Concurrent to the 70th Indian Foundry Congress, IFEX 2022 is one of the largest international exhibitions showcasing the latest foundry equipment, raw material and casting products and services. The grand expo was held at the Helipad Exhibition Centre, Gandhinagar, Gujarat from April 17 to 19, 2022 and was a roaring success by all means as it helped boost the confidence of a majority of stakeholders in the business. With over ten thousand visitors attracted to the show, IFEX 2022 helped in generating more than ₹1000 cr. worth of business inquiries despite the challenging times. The show focused on showing new technologies and supporting the revival of trade and industry and proved itself as a catalyst in efforts to revive small and medium industries to a great extent. Concurrent to IFEX 2022, the CAST INDIA EXPO on casting products was also organized. Thus IFEX remained Asia's most dynamic foundry equipment, raw material and casting products exhibition.

The MSME industry bore the brunt of the Covid – 19 pandemic and is on the path to recovery. Gujarat being the manufacturing hub of India is poised to reap maximum benefit from economic recovery. IFEX 2022 became a show dedicated to MSMEs & played a big role in their revival as manufacturers from across India and many from other countries showcased their products and technologies. The 'IFEX 2022' show became a platform for showcasing new technologies for them.

The successful competition of IFEX 2022 after the pandemic era has established a new landmark for 'how post-covid era trade' should look. The organisers ensured that all covid-19 guidelines were adhered to and were strictly taken under consideration at all parts of the expo. Social distancing was mandatory. K and D Communication Limited, the organiser, was confident that similar industry shows and exhibitions can be and must be hosted to help in the revival of trade and industry.

Opening Doors to Opportunities



2022

India's most dynamic Foundry Equipment, Foundry Raw Material & Casting Product exhibition; an exceptional event and an important milestone forward in the foundry industry was inaugurated by Past President of IIF, Mr. Jagat Shah on 17th April amidst other dignitaries and other veterans of the industry. IFEX-2022 presented the foundry industry's technological prowess and innovations and paved the way for companies to tap newer opportunities and markets by forging new tie-ups. The show also highlighted emerging innovations in the field of facilitating knowledge sharing in the industry.

Special guests and dignitaries who graced IFEX-2022 with their esteemed presence

Mr Devendra Jain
(President, IIF)

Mr Amish Panchal
(Chairman, IFEX)

Dr PN Bhagwati
(Past President)

Mr SRV Ramnah
(Past President)

Mr Ravi Sehgal
(Past President)

Mr.Subodh Panchal
(Past President)

Mr Vikas Garg
(Past President)

Mr Vindor Kapur
(Past President)



70TH INDIAN FOUNDRY CONGRESS & IFEX - 2022 **at a glance**

17 18 19 APR'22

HELIPAD EXHIBITION CENTRE,
Sector 17, Gandhinagar, Gujarat

Organiser

Concurrent Show



Total Exhibitors
245

Total Visitors
10500+

Exhibiting Countries
9

Exhibitor Sector Profile

- Raw Materials Suppliers
- Refractory, Lining, and Insulating Materials & Equipment
- Melting Furnaces & Accessories
- Moulding and Core Making Materials & Equipment
- Sand Preparation, Treatment & Reclamation Equipment & Spares
- Casting Machines & Poring Equipment
- Die Casting Machines, Accessories
- Pattern and Die Making
- Knock out, Fettling and Finishing Materials & Equipment
- Heat Treatment and Drying Equipment
- Welding & Cutting Material and Equipment
- Measuring, Testing, Process Control & Instruments
- Materials Handling Equipment
- Environment Control Equipment
- Machining Equipment & Tools
- Software, IoT & Automation
- Transportation and Storage Equipment
- Weighing & Scales Equipment
- Auxiliary Equipment
- Foundry Services
- Others



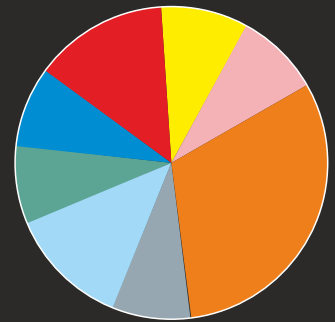
Industry Visitors Profile

- 2297** • CEOs
- 922** • TECHNICAL MANAGERS
- 656** • SALES MANAGERS
- 1350** • PURCHASE
- 1320** • PRODUCTION
- 986** • ENGINEERS
- 460** • MARKETING & DISTRIBUTION
- 262** • CONSULTANTS
- 362** • R&D
- 130** • WAREHOUSE & LOGISTICS
- 32** • GOVERNMENT
- 105** • CONTRACTORS
- 321** • OTHERS

Participating Countries

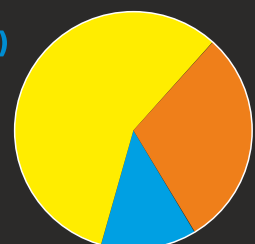
15+ COMPANIES

- SWITZERLAND (1)**
- USA (1)**
- GERMANY (6)**
- UK (1)**
- ITALY (2)**
- FRANCE (1)**
- SPAIN (1)**
- SINGAPORE (2)**



Product-wise Segmentation

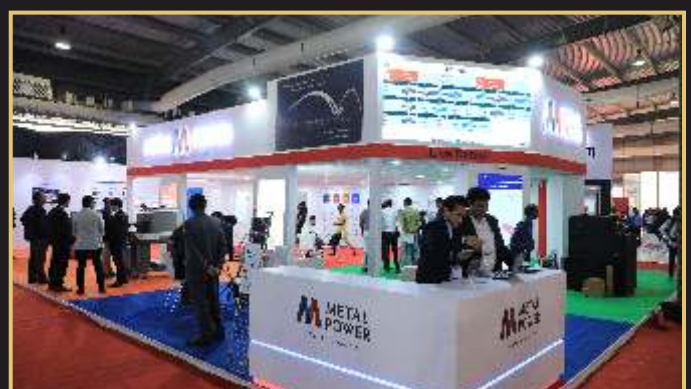
- MACHINERY & ACCESSORIES (128)**
- RAW MATERIALS (88)**
- CAST TECH INDIA (29)**



ASIA'S MOST DYNAMIC FOUNDRY EQUIPMENT & RAW MATERIAL SHOWCASE

An extensive range of industrial products covering more than 2500 innovative products, processes, technologies and emerging technologies was on display at the premier industry event. It also served as a platform providing an opportunity to connect and network with world leaders, exchange knowledge, experience first-hand the technological advances in the foundry industry, explore investment opportunities, and shape up business tie-ups & collaborations with domestic and foreign participants. An overwhelming response to the exhibition helped Gujarat reap maximum benefit from economic recovery.

The focus sectors of the show included casting manufacturers, raw material suppliers, refractory, Lining, and insulating materials & equipment, melting furnaces and accessories, moulding and core making materials and equipment, sand preparation, treatment & reclamation equipment & spares, casting machines & poring equipment, die casting machines, accessories, pattern and die making, knock out, fettling and finishing materials & equipment, heat treatment and drying equipment, measuring, testing, process control & instruments, material handling equipment, environmental control equipment, machining equipment & tools, software, IoT & automation, transportation and storage equipment, weighing & scale equipment, auxiliary equipment & foundry service.



Knowledge Sharing at 70th INDIAN FOUNDRY CONGRESS

CONFERENCE SCHEDULE | SESSION - 1

SPEAKER	TOPIC
1. Mr.Sandeep Rage (Head Foundry, Automotive Unit) Mahindra & Mahindra Ltd	Best Practice in my Foundry
2. Ms.Jaya Dave (Group Head-HRD) BHAGWATI GROUP OF FOUNDRIES	How to Retain Employees
3. Dr.Indira Parikh (President) Opportunities/ Challenges Antardisha	Transforming SME's to Unicorn organisations
4. Mr.Iyar Srinivasan, (MD)ELKEM SOUTH ASIA P.LTD	How to face challenges arising out of pandemic
5. Mr.Brajesh Kumar Singh TATA MOTORS, JAMSHEDPUR	A case study on "Zero discharge of hazardous waste

Casting buyers session: 12 top class casting buyers made presentation on their future demand.

CONFERENCE SCHEDULE | SESSION - 2 | MR.V.P.PREMKUMAR

SPEAKER	TOPIC
1. Mr. Deepak Chowdhry Founder, Inventor MD- MPM Infosoft P.Ltd (Nagpur)	Machine learning based variable compatibility set-point control solution for improved casting
2. Mr.Gelson Montero, Head R&D, International Sales Manager Kunkal Wagner, Germany	Improvement of metallic yield on ductile iron castings by understanding properties of graphite expansion
3. Dr.Nithyanandan Devaraaj E.D.Amex Alloys P.Ltd	Why do foundries fail?
4. Mr.Sameer Kelkar, CEO R&D, GRIND MASTER MACHINES P.LTD	Robotic Grinding for complex ferrous casting
5. Mr. Klous Oosterhof & Mr.Holger Barth Huttene Albertus, Germany	Additive manufacturing designed for Foundry needs

CONFERENCE SCHEDULE | SESSION - 3 | CHAIRMAN-MR.VIJAY MENON

Mr.Pritiman Panigrahi,
GM,(Purchasing)
CNH Industrial (I) P.Ltd

Mr.Mohan Kadam,
GM, (Purchasing)
Dana India P.Ltd

Mr.Shrikrishna Kulkarni
Commodity Lead
Mr.Rajesh Edlabadkar,
Supply Chain Manager
John Deere India P.Ltd

Pradeep Ramaswamy,
Director, Purchasing
Tata Cummins P Ltd

Mr. Santosh Banger,
India ABO Sourcing Leader-Casting
Cummins India Limited

Knowledge Sharing at 70th INDIAN FOUNDRY CONGRESS

VIDEO PRESENTATIONS: CHAIRMAN-MR.SANJAY DESAI-RBD ENGINEERS P LTD.

SPEAKER

1. Mr.Michael Fanz-Huster
Manager Sales,
Inductotherm Ltd
2. Kuk Hyun Han,
President, Samyoung Machinery Co.Ltd,
Korea

TOPIC

- Industrial Internet of Things (IIOT) – Big Data processing in an Industrial environment
- Study on applicability of sand 3D printing cores & moulds fir casting applications

CONFERENCE SCHEDULE | SESSION - 4 | MR. R.K. SABOO – KORES (I) LTD

Mr.Vikas Nadgir
DGM Strategic Sourcing Unit
Mahindra & Mahindra Ltd

Mr.Chandrakant Bande
SQA Manager
Atlas Copco (I) Ltd

Mr.N.Santhanagopalan, SGM
Mr.Mahendran Kamaraj, SGM – (QA)
Simpson and Co. Ltd

Mr.Praveen V.Katte
Director (Purchasing)
Meritor Commercial Vehical System (I) Ltd

VIDEO PRESENTATIONS: CHAIRMAN-MR.SANJAY DESAI-RBD ENGINEERS P LTD.

SPEAKER

1. Mr.Anil Patel
Plant Manager, Sanand
Ford Motors Co
2. Mr.Deepak Anaghan,
Engineer, R&D,
Metso (I) P.Ltd
3. Mr.Adhitya K,
Sr.Engineer R&D,
Peekay Steels Pvt Ltd, Coimbatore
4. Mr.Satyanarayana V.N.
VP Foundry Sales, DISA

TOPIC

- Future Trands of Castings and area of opportunities
- Environmental effect of Foundry operations and technological solutions
- Amalgamation of metallurgical theories and Foundry tradition of ASTM-A295/A995M super duplex stainless steel

VIDEO PRESENTATIONS: CHAIRMAN-MR.SANJAY DESAI-RBD ENGINEERS P LTD.

SPEAKER

1. Mr.Balaji D.Loganathan & Mr.P.A.Jayaraman
Spritle Software
2. Mr.Santosh Kumar A.S.,
GM, Pro-SIM R&D P.Ltd
3. Mr.Dipak Ghosh,
Director-Technical, Forace Polymers P Ltd
4. Mr.Chandan Panda .
VP, Gargi (HA) P.Ltd

TOPIC

- How artificial intelligence & computer vision can help foundries achieve better performacne results
- Prediction on effect of resin bonded percentage on casting quality using simulation
- Inorganic sand binders system- No longer a choice but compulsion
- High performance cold box system to optimize quality

Knowledge Sharing at 70th INDIAN FOUNDRY CONGRESS

CONFERENCE SCHEDULE | SESSION - 6 | MR. VIJAY PUROHIT

SPEAKER

1. Mr.Vinayak Ghatge
VP, FORACE POLYMERS P.LTD

2. Mr.Jitendra Lakhoia.
Aakar Foundry, Pune

TOPIC

In –situ preparation- A latest
trend in Refractory Coating

Effect of EV rollout on Aluminum castings
demand

CONFERENCE SCHEDULE | SESSION - 7 MR. RAJESH GOEL – VICE PRECEDENT – SAGE METALS

1. Mr.Rajesh Goel
VP, Sage Metals

2. Mr.Sapan Kumar Biswas,
Technical Manager, ELKEM South East Asia Pvt Ltd

Cost of quality – A window to
economic sustainability

Advantage of multistage alloy
additions on the Shrinkage characteristics
of Ductile iron

AWARD FUNCTION



Inauguration by

Shree Jagdish Panchal
Hon. Minister of State
Industries & Mines, Govt. of Gujarat



Keynote Address by

Mr Sriram Viji
MD, Brakes India Group on
"Aiming Higher, Reaching Further"



Lifetime Achievement Award

given to Past President
Mr. Subodh Panchal



Ironman of Indian Foundry Industry

given to
Dr. P. N. Bhagwati

Media Coverage

IFEX-2022 was promoted & marketed by way of the comprehensive multi-media strategic plan so as to reach a maximum audience and create a solid impact. It was comprehensively covered across various media such as newspapers, outdoor hoardings, Newsletters, online media, Mobile apps, TV advt, and Press conferences, published in more than 200 electronic media as well.



The Next Step

With the grand success of the show, we have been inspired to set up even a bigger stage for the upcoming edition featuring world-class facilities for display and also facilitated corporate communications, publicity, promotions, and liaison with Govt bodies, apart from inter and intra-business interactions.





Creating Business Opportunities Fueling Economic Growth

K AND D Communication Limited (KDCL) understands Events. Especially, how bringing together people and ideas in one place can spark opportunities that ignite growth and prosperity. KDCL has long pursued excellence in all aspects of creating such stimulating platforms and is now offering its all-round expertise to others in the form of turnkey solutions. KDCL aspires to create Events that are eventful, that act as vital catalysts of meetings, interactions and change. KDCL knows what it takes to create such empowering Events.

Your enabler of growth and prosperity.

Founded in 1997 with humble means and great ambitions, today K AND D COMMUNICATION LIMITED (KDCL) is proud to provide turnkey solutions for events, including organization, management and infrastructure. KDCL is renowned as the creator of ENGIMACH - one of India's most successful exhibitions in the engineering machinery sector for the last 25 years.

Over these years, KDCL has successfully organized and managed more than 75 exhibitions all across India in different industrial segments. Such depth of experience allows KDCL to build large-scale events even from scratch. KDCL is renowned for its high quality of service, expertise in management, and stellar infrastructure.

ORGANISING
EXHIBITIONS RECOGNIZED GLOBALLY

MANAGING
INDIA'S LEADING TRADE PLATFORMS

DEVELOPING
STATE-OF-THE-ART INFRASTRUCTURE

Our Globally Acknowledged Exhibitions & Investment Summits



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