



**70th IFC**



# 70th Indian Foundry Congress



## The First Physically Held Major Foundry Event since Last Two Years

The 70th edition of Indian Foundry Congress (IFC) was organised by The Institute of Indian Foundrymen (IIF) during 17 – 19 April 2022 in Gandhinagar, the state capital of Gujarat. Held at Helipad Exhibition Centre, 70th IFC is the first physically held event of foundry fraternity after a gap of two years. IIF-Western Region was the host

Region while Ahmedabad & Greater Mumbai Chapters were host Chapters. People of all spheres of Foundry and allied industries from all over India gathered at the Helipad Exhibition Centre to meet physically and exchange information to update themselves on different aspects of metalcasting technology as well as the ongoing trend of foundry industry –

mother of all engineering industries. It was the first event of foundry industry since COVID-19 pandemic broke out. Theme of 70th IFC: Business beyond Boundaries. During the three day-Congress leading casting buyers from India and abroad projected a sharp rise in demand for





castings in near future. As Foundry industry is the mother of manufacturing industries, foundrymen were vociferous in committing to support the recovery of the country's economy in the post pandemic period. With market size of USD 16 billion and production volume of 11.31 million tonnes per annum employing five lakh people directly and fifteen lakh people indirectly Indian Foundry industry contributes significantly to the country's economy.

Important personalities from Foundry and allied industries in their discussion during three days of the Congress focused on various important issues pertaining to Indian metalcasting industry, the second largest producer of castings in the world, and also forwarded a number of recommendations. The focal points of discussion were –

- Uncertainty in supply of foundry raw materials and sharp rise in their prices.
- Unprecedented price rise in raw

### **PROGRAMME HIGHLIGHTS**

- ▶ Inauguration of IFEX 2022
- ▶ Inauguration of 70th IFC
- ▶ Technical Sessions
- ▶ Buyer-Seller Meets
- ▶ IIF Awards Night
- ▶ Foundry Movie Masala
- ▶ Release of 'Foundry Technica'
- ▶ Release of 'Indian Foundry Directory'
- ▶ Gala Dinners
- ▶ Thulabharam
- ▶ Entertainment programme
  - Garba dance
  - Fashion show
- ▶ Valedictory Function
- ▶ Post Congress visit to 'Statue of Unity'

materials and short supply of the same posing tough challenges especially for MSMEs and even large foundries to maintain supply commitments.

### **HIGHLIGHTS**

- 1250 Delegates
- 11 Top Castings Buyers
- 24+ Technical presentations
- Atmanirbhar IFEX 2022
- 9050 sq metre Exhibition area
- 248 Exhibitors
- 20,000 IFEX 2022 visitors
- Foundrymen assured to hike production capacities to meet growing demand for castings. They called for adoption of monthly price revision instead of the existing quarterly revision.
- Indian Foundry industry is aiming to double its market size to USD 32 billion and annual production of 21 million tonnes in the next 5-7 years.
- Indian Foundry industry expects to attract investment of Rs 500 crore from domestic as well as international players.





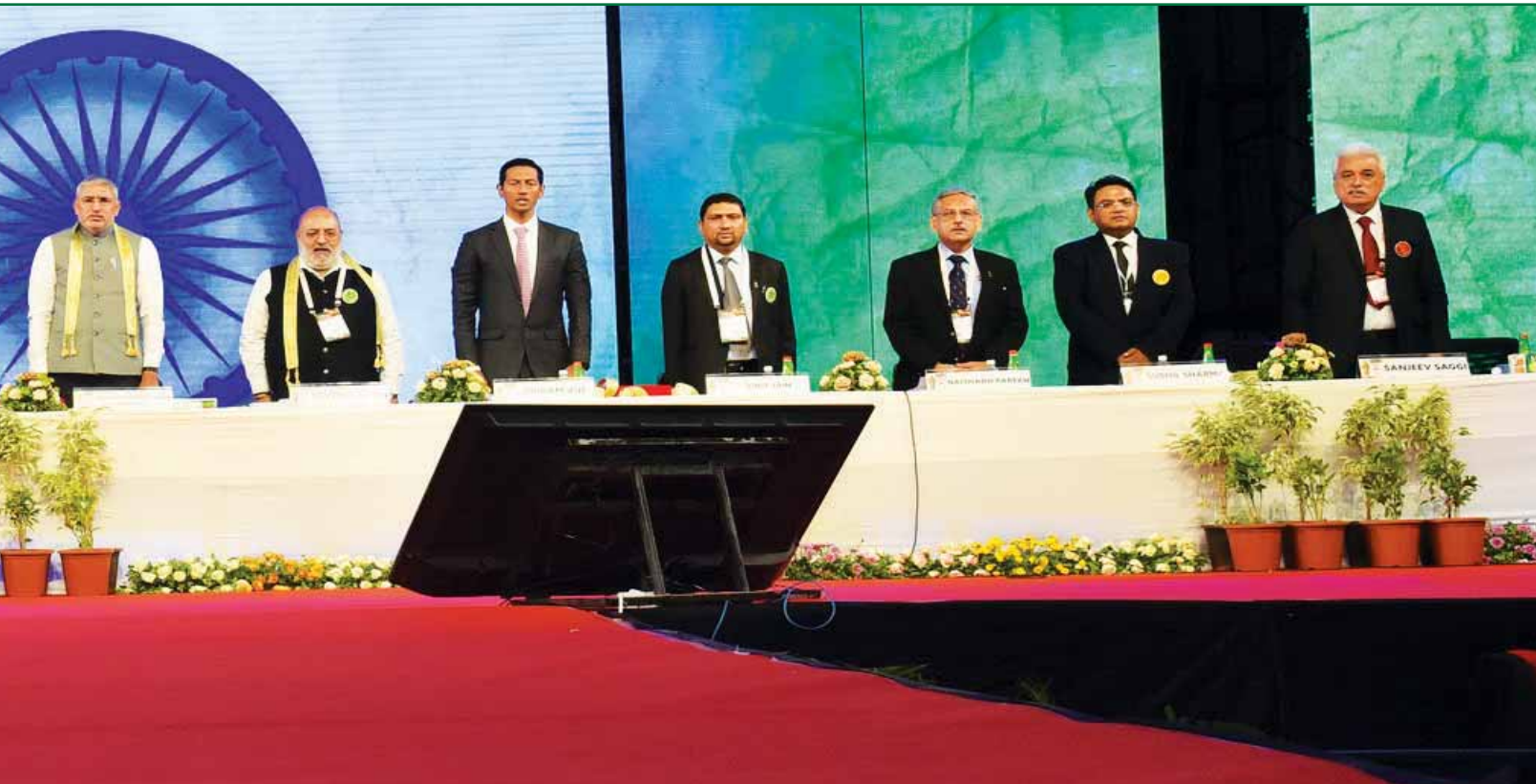
## INAUGURATION OF 70TH IFC

On April 17, 2022 at C R Swaminathan Hall of Helipad Exhibition Centre dignitaries including Chief Guest Hon'ble Minister for State, Industries & Mines, Govt of Gujarat, Shri Jagdish Vishwakarma (Panchal); Keynote speaker Mr Sriram Viji, Managing Director, Brakes India Ltd and others inaugurated 70th Indian Foundry Congress (IFC) by lighting the holy lamp before a large audience.

Chief Guest Shri Jagdish Panchal in his address highlighted the infrastructure facilities available in Gujarat for doing business with ease. He also underlined the growth prospect of the State. The Hon'ble Minister advised Mr Subodh Panchal, Chairman, 70th IFC Organising Committee to advise young engineers and entrepreneurs to visit "iCreate" – India's









only non-academic institution in Gujarat, dedicated to fostering startups based on technological innovation into successful businesses. Both the Govt of India and Gujarat support 'iCreate' to facilitate 'Next Generation Entrepreneurship' to empower the youth of India.

Shri Panchal said that Foundry industry is the heart of the country's economy. Foundry industry's contribution to GDP is significant. He urged Foundry industry to target to double its production like other industries - steel, cement etc.

The Chief Guest said that Gujarat has many firsts in its credit. He described Gujarat State as the centre of Investment. The fast growing Gujarat's exports





## 70th Indian Foundry Congress



value is about 4.48 lakh crores. The Hon'ble Minister mentioned that Prime Minister Shri Narendra Modi is one of the most popular leaders in the world. He further referred to various available schemes offered by the Govt of India as well as Govt of Gujarat. He advised foundry owners to avail benefits of such schemes. He then mentioned the setting up of Diamond City near Surat. Referring to the heavy price rise of foundry raw materials the Hon'ble Minister said, it is a global issue.

Mr Devendra Jain, President, IIF in his address initially presented the profile and activities of IIF, affiliated to World

Foundry Organization (WFO). IIF President described IFC as an excellent platform for exchanging information and ideas on various aspects of Foundry industry. He hoped that after the COVID-19 pandemic there will be a new beginning and the industry will be back on track soon. He said, IFC is a wonderful occasion for foundrymen to welcome foundry fraternity; to cast new business alliances and discover newer possibilities. In his opinion, it is also the time to take stock of what the industry has achieved, the barriers that have been knocked down and what remain on the radar".

"We are here to build communities of sustainable development. We are here to know the energy, power and intelligence of our people that would rightly contribute to the next stage of the foundry industry's evolution Mr Devendra Jain said.

Mr Sriram Viji, Managing Director, Brakes India Ltd in his keynote address focused on the challenges that are being faced by the country's Foundry industry like abnormal price rise of raw materials, shortage of cash flow, uncertainty in logistics, high cost of fuel and freight rates etc. According to him, skill gap is another concern for manufacturing sector. He said, the Govt is putting its effort to minimise the gap by setting up more and more training centres and introducing training courses etc. In his opinion, GST has positive impact on the business/industry. According to Mr Viji, the Govt's initiative of Atmanirbhar, Digital India are prospective platforms for growth of business. Referring to the Govt's focus on infrastructure development, Mr Viji said that Foundry industry would have huge opportunities for growth in future.







Mr Viji presented a case study of developing critical castings at Brakes India. He opined that production of value-added castings is need of the hour. He highlighted the importance of long-term value addition rather than short-term performance. Mr Viji further stressed the need for adopting and implementing digital technologies and management systems in foundries for their sustenance in the global market. In this respect he also emphasised the need for using alternate sources of energy.

Earlier, Mr Subodh Panchal, Chairman, 70th IFC Organising Committee while delivering welcome address had proudly mentioned - this IFC is the first physically held event of foundry fraternity in last two years in the world. He requested all to give a standing ovation to honour the delegates who had participated in the 70th IFC physically from all over the country.

Foundry Technica containing useful articles was released in the hands of the Chief Guest, Keynote speaker, IIF President and other dignitaries.

Eleventh edition of 'Indian Foundry Directory' was also released by the Chief Guest, Keynote speaker, IIF President and other dignitaries.

Dr P N Bhagwati, Past President WFO & IIF and Mr Subodh Panchal, Past President,





**70th Indian Foundry Congress**



IIF & Member of WFO Executive Council were honoured by presenting Lifetime Achievement Award for their outstanding contribution to IIF as well as the Industry. Following persons were awarded IIF Fellowship, the highest honour of IIF : Mr Shashi Kumar Jain, Mr S K Ahuja, Mr S Kuppusamy and Mr Amiya Kumar Singha. A distinguished feature of 70th IFC was 'Thulabharam', to felicitate the sponsors and others. They were weighed against wheat grains. More than one tonne of wheat will be donated to orphanage and blind children homes.

A video on 71st Indian Foundry Congress was shown. Mr Pradeep Mittal, Chairman, 71st IFC Organising Committee on behalf of his team invited all to participate in 71st IFC and IFEX 2023 to be organised by IIF-Northern Region during Feb 8-10, 2023 at India Expo Mart, Greater Noida.

Mr Vikas Garg, Co-Chairman, 71st IFC Organising Committee mentioned some of the important features of the Congress. Mr Sushil Sharma, Hon Secretary, IIF offered vote of thanks.

A colourful Garba dance programme was organised immediate after the inaugural function. Ms Neelam Panchal, an eminent film actor, performed the mesmerising Garba dance with her troupe.

*(Reports on other sessions of 70th IFC will be published in next issue).*







IFEX

2022



# India's Largest Foundry Exhibition

The largest trade fair of Foundry and allied industries IFEX 2022 was held in physical mode from 17 to 19 April, 2022 at the Helipad Exhibition Centre, Gandhinagar, Gujarat. K and D Communication Ltd (KDCL), an event management company, organised the exhibition under banner of IIF. Indian foundries showcased their capacities and capabilities at this largest ever foundry exhibition. Suppliers of foundry equipment, raw







all Indian companies was completely an Atmanirbhar tradeshow.

In an area of 9050 sq metres the exhibition housed 248 stalls in three gigantic Halls. Number of footfalls at IFEX 2022 was about 20000. The visitors were from Foundry, other engineering industries, chemical industry, software developers, technical institutes, R&D laboratories, govt agencies etc. IFEX is truly a solution providing platform. The exhibition brings in the most advanced technologies and visitors can update themselves on various aspects of metalcasting technology and latest happenings in the Foundry and allied industries. On April 17 morning, IFEX 2022 was kicked off by cutting the ribbon by the Chief Guest Mr Jagat Shah, Past President, IIF and other dignitaries including IIF President Mr Devendra Jain; Mr Subodh Panchal, Chairman, 70th IFC Organising Committee; Mr Vinod Kapur, Past President, IIF; Mr Vijay Beriwal, Immediate Past President, IIF; Mr Amish Panchal, Chairman, Exhibition Committee; Mr Ravi Sehgal, Past President, IIF and others.

In the inaugural function Mr Amish Panchal extending a warm welcome said that several hurdles had to be crossed in organising the exhibition. Dates of the exhibition had to be revised several times. He stated, though the economy and industries are passing through

difficult times yet a large number of companies participated in IFEX 2022. He thanked the exhibitors and appreciated their enthusiasm and spirit.

IIF President Mr Devendra Jain in his address presented present status of Indian Foundry industry producing turnover of USD 19 billion and exports of USD 3.1 billion (approx). Nearly 90 per cent of Indian foundries belong to MSME sector. The highly labour-intensive foundry industry generates huge employment. Indian foundries produce cast components for application in automobile, railways, machine tools, sanitary, pipe fittings, defence, agriculture, aerospace, earthmoving, textiles, pumps/valves, power machinery, electrical, wind turbines industries. IIF President also said that Indian Foundry industry has the potential of generating additional employment of two million people in next ten years.

According to IIF President IFEX is a meeting place of a not-to-be-missed business opportunity for casting suppliers, equipment and raw material suppliers, casting buyers and entrepreneurs to explore new avenues in the industry and showcase their world-class capabilities. Mr Jain further said that in response to Prime Minister's clarion call to increase the share of manufacturing sector to 25 per

materials, simulation software, service providers including logistics displayed the latest developments in their products and services. IFEX 2022 with





# IFEX 2022 INAUGURATION



that IFEX 2022 was the largest ever Foundry exhibition in India. He profusely thanked the exhibitors for participating in such a large number.

Chief Guest Mr Jagat Shah in his inaugural address said that everyone was excited over holding of the exhibition in physical mode after a span of two years. He referred to steep price rise of foundry raw materials posing a tough challenge to the industry. Mr Shah thanked the exhibitors for showing positive attitude in participating in the exhibition physically to make the mega event a success. He underlined that IFEX 2022 with all indigenous companies is an Atmanirbhar foundry exhibition setting a new trend for the future.

Mrs Prabha Kulkarni, Past President, IIF while speaking on the occasion referred to the difficult times through which Foundry industry is passing. She was very happy to see so many companies exhibiting their products and services in IFEX 2022. The Chief Guest along with other dignitaries had been at some of prominent stalls.

cent of India's GDP and the Govt's focus on 'Make in India' and 'Ease of doing business', Foundry industry – mother of manufacturing industries – has to play its significant role for growth ahead.

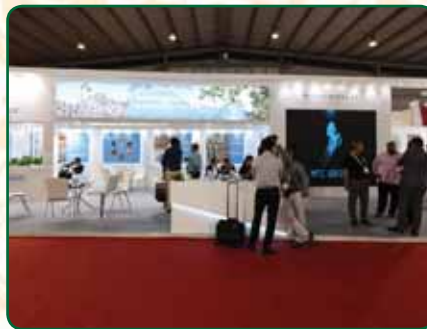
Addressing the gathering Mr Subodh Panchal spoke about the difficulties faced by the organisers of IFEX 2022 due to the unprecedented pandemic situation. However, he was happy



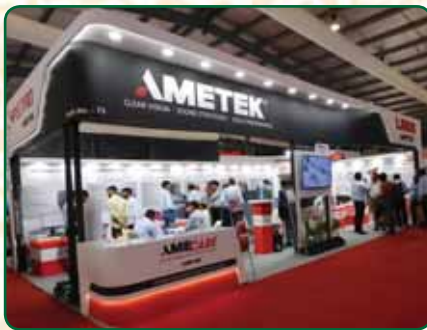




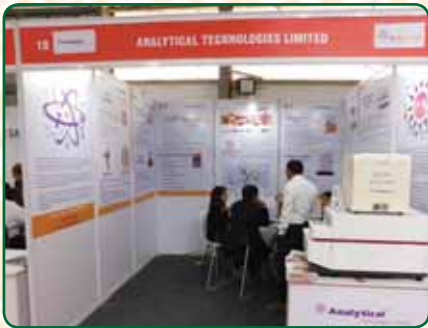
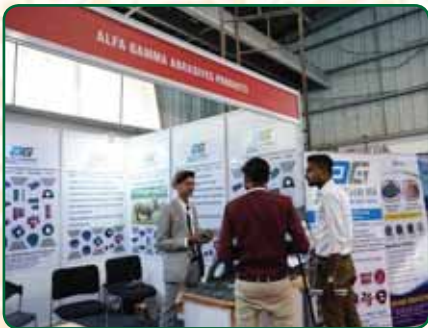
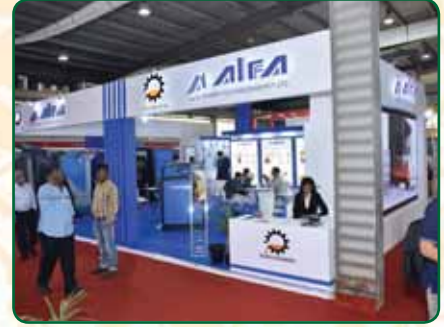
















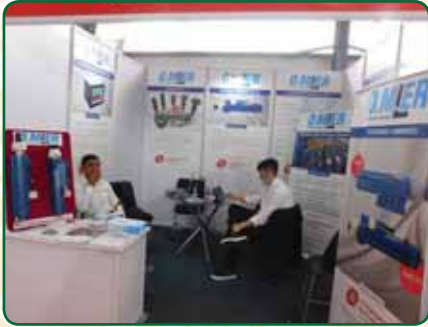
















(Photographs of more stalls will be published in next issue)



# IIF Pavilion at IFEX 2022

## An All Time Busy Counter

IIF pavilion at IFEX 2022 was always crowded during three days at Helipad Exhibition Centre in Gandhinagar. The large pavilion of IIF housed IIF Head Office, CET (Centre for Education & Training), NCTS (National Centre for Technical Services and FIC (Foundry Informatics Centre).

At the Membership counter new members were enrolled. A number of existing members of various categories renewed their membership. Staff members of membership Department clarified members' queries related to IIF membership.

A number of publications on metalcasting technology were displayed at CET counter. Visitors procured a number of publications. CET Director was busy in attending visitors' queries.

The newly launched 'Indian Foundry Directory' (11th edition) was available at the FIC counter. The Directory was available in pen drive as well as print



version. Other publications of FIC were also available.

At NCTS counter, Info Sheets, books and pen drives on various aspects of metalcasting technology were available. Following two books, published by NCTS, were released during 70th IFC:

- ▶ "Instrumentation and Process Control Techniques in Foundries" authored by Viswas Kale

- ▶ "Practical Guide for Progressive Foundrymen" authored by B K Shamasundar

IIF President Mr Devendra Jain; in presence of Mr Vineet Jain, Vice President, IIF; Mr Subodh Panchal, Chairman, 70th IFC Organising Committee; Dr N P Sinha, Chairman, CET and Mr Satish Sohoni, Director, NCTS formally released the books at IIF Stall.





# Technical Session

In the Technical Sessions of 70th Indian Foundry Congress held during 17-19 April 2022, a number of presentations were made by domain experts, industry leaders, executives and others. The presentations threw light on a variety of areas related to Foundry industry. Some of the presentations dealt with the latest developments in metalcasting technology while other several presentations focused on the present trend in the industry with estimation of demand and supply of castings.

Following presentations were made in seven sessions spread over three days:

## Session 1

**Chairman:** Dr N P Sinha – Mr S P Oudhia

- ▶ Best practices in my foundry
  - Sandeep Rege, Mahindra & Mahindra Ltd
- ▶ How to retain employees
  - Jaya Dave, Bhagwati Group of Foundries
- ▶ Transforming SMEs to unicorn organisations, opportunities/ challenges
  - Indira Parikh, Antardisha
- ▶ How to face challenges arising out of pandemic?
  - Iyer Srinivasan, Elkem South Asia (P) Ltd
- ▶ A case study on 'zero-discharge of hazardous waste'
  - Brajesh Kumar Singh, Tata Motors

## Session 2

**Chairman:** V P Premkumar

- ▶ Machine learning based variable compactibility set point control solution for improved castings
  - Deepak Chowdhary, MPM Infosoft P Ltd



- ▶ Improvement of metallic yield on ductile iron castings by understanding properties of graphite expansion
  - Gelson Montero, Künkel Wagner, Germany
- ▶ Why do foundries fail ?
  - Nithyanandan Devaraaj, FLS Voith
- ▶ Robotic Grinding for complex ferrous castings
  - Sameer Kelkar, Grind Master Machines P Ltd
- ▶ Additive manufacturing designed for

Foundry needs

- Klaus Oosterhof, Holgar Barth, HA Chemische Werke GmbH, Germany

## Session 3

**Chairman:** Mr Vijay Menon

**Topic :** Future demand of castings by leading castings buyers

- Pritiman Panigrahi, CNH Industrial (I) P Ltd
- Mohan Kadam, Dana India P Ltd
- Shrikrishna Kulkarni and Rajesh Ediabadkar, John Deere India P Ltd



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- Pradeep Ramaswamy, Tata Cummins P Ltd
- Santosh Bangar, Cummins India Ltd

**Chairman:** R K Saboo

- Vikas Nadgir, Mahindra & Mahindra Ltd
- Chandrakant Bande, Atlas Copco (I) Ltd
- N Santhanagopalan and Mahendran Kamaraj, Simpson and Co Ltd
- Praveen V Katte, Meritor Commercial Vehicle Systems (I) Ltd

### Session 4

- ▶ Future trends of castings and area of opportunities
  - Anil Patel, Ford Motor Co
- ▶ Environmental effect of Foundry operations and technological solutions
  - Deek Anaghan, Metso (I) Pvt Ltd
- ▶ Amalgamation of metallurgical theories and foundry tradition of ASTM A995/A995M Super Duplex Stainless Steel
  - Adhitya K, Peekay Steels P Ltd
- ▶ Non-ferrous castings on moulding systems
  - V N Satyanarayana, DISA



### Session 5

**Chairman:** B S Govind

- ▶ How artificial intelligence & computer vision can help foundries achieve better performance results
  - Balaji D Loganathan & P A. Jayaraman, Spritle Software
- ▶ Prediction on effect of resin bonded percentage on casting quality using casting simulation software – Santosh Kumar A S, Pro-SIM R&D Pvt Ltd
- ▶ Inorganic sand binders system – no longer a choice but compulsion
  - Dipak Ghosh, Forace Polymers (P) Ltd
- ▶ High performance cold box system to optimise quality, economy and pollution
  - Chandan Panda, Gargi Huttenes Albertus Pvt Ltd





## Session 6

**Chairman:** Mr Vijay Purohit

- ▶ In-situ preparation – a latest trend in refractory coating
  - Vinayak Ghotge, Forace Polymers (P) Ltd
- ▶ Effect of EV rollout in aluminium castings demand
  - Jitendra Lakhotia, Aakar Foundry



## Session 7

**Chairman:** Mr Amar Patil

- ▶ Cost of quality – a window to economic sustainability
  - Rajesh Goel, Sage Metals
- ▶ Advantages of multistage alloy additions on the shrinkage characteristics of ductile iron
  - Swapan Kumar Biswas, Elkem South Asia Pvt Ltd



## Gargi HA Stall at IFEX 2022 – A Meeting Point for All

All three days (17-19 April 2022) Gargi Huttenes-Albertus Stall in Hall No 1, IFEX 2022 was a confluence of foundrymen from India as well as abroad. The Management team of Gargi HA were busy in exchanging thoughts and information on the latest technological/product developments in additive and binders used in moulding and core making.

Mr Vinod Kapur, Managing Director, Gargi HA Pvt Ltd; Mr Gaurav Kapur and Mr Varun Kapur were present at the stall to welcome the guests and visitors to keep strong business relations. Mr Bernhard Mueller, Regional Vice President, Asia & Pacific; Mr Klaus Oosterhof, Business Development Manager and Mr Simon Turley, Global Technology Leader of Huttenes Albertus Chemische Werke GmbH, Germany were also present at the stall.

Gargi Engineering Enterprises Pvt Ltd jointly participated with Gargi HA in the IFEX 2022.

Mr Mark Fenyes, Chairman and Mr Andy Pickering, Sales Director



of Omega Foundry Machinery Ltd, UK along with Mr Nitin Sane, Managing Director, Omega Sane Foundry Machinery Ltd welcomed foundrymen and clarified their queries about various types of continuous mixers, sand reclamation and green sand etc.





## IIF ANNUAL AWARDS 2021

Name of Award	Awardee
Lakshman Rao Kirloskar Award – Foundry of the Year	Kirloskar Ferrous Industries Ltd – Koppal Plant
Gargi Huttenes-Albertus – Green Foundry of the Year	Peekay Steel Castings Pvt Ltd - Kozhikod
K R Santhanam Memorial Award – Foundryman of the Year	Mr Prasant Dhoolappanavar – Kasturi Foundry Pvt Ltd - Kolhapur
Forace Polymers – Youn Foundryman of the Year	Mr Mahavir Jain, Malnad Alloy Castings (P) Ltd - Shimoga
Chandran Menon Memorial Award – for Applied Research & Innovative Technology	Mr Deepak Jugalkishore Chowdhary – MPM Pvt Ltd, Nagpur
Jayaswal Neco – Quality Award	Kirloskar Ferrous Industries Ltd – Koppal Plant
5S Excellence Award	Kirloskar Ferrous Industries Ltd – Solapur Plant
Foundry Kaizen Award	Flowmetallic India Pvt Ltd - Jhagadia
Export Excellence Award	
▶ Large-Scale Foundry	Peekay Steel Castings (P) Ltd – Kozhikod
▶ Medium-Scale Foundry	Malnad Alloy Castings (P) Ltd – Shimoga
▶ Small-Scale Foundry	Hastalloy India Ltd - Andhra
Best Technical Paper Published in IFJ during April'20-March'21	
▶ Ferrous Category	B Raha, Adhitya K & Muthu G – Predicting tempering cycle of LCC casting grade steel
▶ Non-ferrous Category	K G Basabakumar, P V Chandrasekhar Rao & S Pichi Reddy - Fatigue and wear behaviour of Ti-6Al-4V Implant Alloy
▶ General Category	Saumya P Singh, Jishnu Padman, Alok Agrawal, R K Gupta & Govind Bhanu Pant - Optimisation & validation of gating system using ProCAST for intricate shape investment casting for space application
Membership Growth Award for IIF Chapters	
▶ Large Chapter Category	Howrah Chapter
▶ Small Chapter Category	Batala Chapter
Viswamitra Kapur Memorial Award – IIF Chapter of the Year	Coimbatore Chapter
IIF Region of the Year	Southern Region









**70th Indian Foundry Congress**





## IIF Fellowship

IIF Fellowship, the highest honour of the Institute, for 2021 was awarded to the following members, who are prominent personalities in the Foundry Industry:

- ▶ Mr S K Ahuja
- ▶ Mr S Shashi Kumar Jain
- ▶ Mr S Kuppusamy
- ▶ Mr Amiya Kumar Singha

IIF President Mr Devendra Jain in presence of other dignitaries on the dais honoured above members by presenting them with certificates and mementos on the second day (April 18, 2022) of 70th Indian Foundry Congress at Helipad Exhibition Centre, Gandhinagar, Gujarat. Mr Amiya Kr Singhal could not be present physically at the function to receive the award. Office Bearers of IIF-Jamshedpur Chapter received the award on behalf of Mr Singha.

### Mr S K Ahuja

A senior member of IIF Mr S K Ahuja is presently the Managing Director, Quality Castings Ltd FZE and Managing Director, Cast Tech Pvt Ltd, Coimbatore.

A Mechanical Engineer Mr Ahuja has been in the Foundry industry for about 58 years.

Mr Ahuja has actively served IIF being at various positions for a long time. He was Chairman of IIF-Greater Mumbai Chapter; Hon Secretary, Vice Chairman and Chairman of IIF-Western Region.



His professional experiences include working at Heavy Engineering Corporation, Ranchi as Foundry Engineer; Indian Smelting and Refining, Thane as Works Manager; Nitin Castings Ltd as CEO and consultant to several renowned foundries.

He has the credit of setting up of a modern foundry in Fujairah Free Zone where he was the Managing Director. In 2017 Mr Ahuja set up an eco-friendly foundry – Cast Tech Pvt Ltd in Coimbatore. This plant has been catering to most of the OEMs with 40 per cent export since its foundation.

Some of Mr Ahuja's achievements: several key developments in the area of wear and heat resistance of castings, design improvements for mining, crushing and cement industries.

Mr Ahuja received Excellence Award for Quality Castings Ltd in 2001, Foundryman of the year Award in 2001 from IIF.

He has hitherto travelled 55 countries for business promotion and foundry upgradation.

Mr Ahuja has published twenty papers in various journals. He is also involved in welfare of the weaker section of society.

### Mr Shashi Kumar Jain

Mr Shashi Kumar Jain, Past President, IIF, is proprietor of Diwan Chand Suraj Prakash Jain, Agra. Being at various positions Mr Jain has been actively serving IIF for over two decades.



A Science Graduate Mr Jain joined his family business in 1986.

He was a member of IIF National Council during 2011-2019. He was Hon Secretary, IIF-NR; Chairman, IIF-Agra Chapter; Chairman, Constitution Committee, IIF; Chairman, Pollution Control & Policy Task Force and Chairman, Disciplinary Committee of IIF.

Mr Jain has been attending IFC and IFEX since 2005. He visited GIFA during his Presidency in 2019 and participated in 73rd World Foundry Congress (WFC), Poland.

Mr Jain played an important role in successfully organising IFC and IFEX 2007 in Agra. During his presidency IIF focused especially on membership retention.

He is a member of Managing Committee, National Chamber of Industries & Commerce, UP; Member of Executive Committee, Agra Iron Founders Association, Agra. He is Past Vice President, ASSOCHAM, UP, Lucknow.



## Mr S Kuppusamy

**A** Life Member of IIF since more than three decades Mr S Kuppusamy has been actively serving IIF being at various positions.

At Regional level he was Hon Treasurer, IIF-Southern Region during 2002-04; Hon Secretary, IIF-Southern Region during 2004-06; Vice Chairman, IIF-Southern Region during 2006-08 and Chairman, IIF-Southern Region during 2008-10.

At National level, he was Hon Treasurer, IIF in 2017-18; Hon Secretary, IIF in 2019-20.

Mr Kuppusamy is presently Hon Treasurer, IIF and Chairman, Awards Committee, IIF.

After graduating in Mechanical Engineering Mr Kuppusamy obtained his ME (Indl) from PSG College of Technology.

Mr Kuppusamy worked at PSG Foundry being at various positions for as long as 39 years from where he retired as Vice President in 2019.

At PSG Foundry, he was deputed to Lagos, Nigeria as Team Leader to set up and operate a foundry during April 1994-Dec 1995.

He was Vice President, Coimbatore Industrial Infrastructure Association during 2014-17 and President during 2017-19.

Mr Kuppusamy had been on foreign tour for several times. He visited foundries in China, Japan, Germany, Italy, Denmark, Spain, Turkey and UK.

He visited international events like GIFA (1999, 2007, 2015 & 2019) and Metal China (2015). He participated in Hannover Fair as an exhibitor of castings in 2001.



## Mr Amiya Kumar Singha

**M**r Amiya Kumar Singha, an eminent foundryman has been serving the foundry industry for last forty years. He worked at Tata Motors as Head of Foundry for ten years. Under his guidance intricate castings like cylinder block and head (six bores) for Cummins engines were developed inhouse as import substitute.

Mr Singha has been serving IIF for over 35 years. He was Chairman of IIF-Jamshedpur Chapter for three times. In his tenure, Eascon (Eastern Regional Conference) was successfully organised twice in Jamshedpur.

He was instrumental in developing and producing a variety of SG iron castings for excavator and other engineering applications.

During his tenure, Tata Motors Foundry received prestigious awards from IIF like Green Foundry for the Year Award, Casting of the Year Award (2 times), Foundry of the Year Award, Kaizen Award etc. Mr Singha technically helped many foundries, in and around Jamshedpur, in developing castings and resolving defect problem.

Mr Singha took keen interest in skill development of foundrymen. He published a number of papers in the Indian Foundry Journal and made technical presentations at Indian Foundry Congress.







## 70th IFC

# VALEDICTORY FUNCTION

On April 19, 2022 Valedictory Function was the concluding session of the mega event 70th IFC, held in physical mode with more than 1200 delegates from all over the country. This flagship annual event of the foundry fraternity was the first major event held physically since last two years in the pandemic situation. The valedictory function was held in CR Swaminathan Hall at Helipad Exhibition Centre, Gandhinagar, Gujarat.

Mr Vijay Menon, Managing Director, Memon & Menon Ltd graced the occasion as Chief Guest.

In the beginning, Mrs Ruma Rao, Chairman, IIF-Greater Mumbai Chapter made opening remarks.

Mr Subodh Panchal, Chairman, 70th IFC Organising Committee while delivering welcome address stated that organising such a mega event in physical mode in this pandemic situation was very tough. The organising team had to work in a lot of uncertainties. Dates of the IFC had been rescheduled several







quality standards. He emphatically said that the formula of price indexing in three months should urgently be converted to one month. Mr Panchal again thanked the host Region and Chapters' members who worked tirelessly for organising the 70th IFC.

IIF President, Mr Devendra Jain addressing the valedictory session emotionally stated that the dreams came true when the mega event was held physically. He commented that IFC & IFEX are always to explore newer avenues for the foundry industry and give IIF members to get exposed to new technologies and also to showcase their capacities and capabilities. He further said that the 70th IFC & IFEX 2022 give the opportunity for sharing of knowledge and build consensus on possible options for meeting the current and future challenges of the post COVID neo normal faced by the foundry industry. He hoped that the participants of the twin mega event would have a lot of takeaways that would help them to be updated technically and techno-commercially. He thanked and expressed his gratitude towards the 70th IFC organising team members for their hard work under the leadership of Mr Subodh Panchal, for successfully organising the mega event. He also thanked IIF Past Presidents, his colleagues in NOB team, sponsors, advertisers, exhibitors, delegates, members of host Region and Chapters for their effort and support to make the event a success.

Chief Guest Mr Vijay Menon who was also Hon Secretary, IIF in 2017-18 in his



their presence in such a large number. In his opinion 70th IFC was a successful event in all respects. He stated that IFEX is a very effective platform for doing business by the Foundry and allied industries. He said that a number of casting buyers made their

presentations at the 70th IFC describing their requirements. He informed that leading OEMs are ready to accept castings in large quantities provided the components comply with the required

times and venue had to be shifted from Mumbai to Gandhinagar. The organising team members had to work harder in successfully organising the IFC and IFEX. Mr Panchal heartily thanked the participants of 70th IFC and IFEX 2022 for







address advised foundrymen not to be worried much over introduction of electric vehicles. Foundrymen fear that demand for castings may drastically fall as EVs require less castings. In this respect he said that most of the estimates are mere projections. Mr Menon advised foundries to do their business as usual, and even they could expand their business. He opined that foundrymen should keep watch on the situation and wait for the days to come.

However, Mr Menon stressed the need for quality improvement of cast products. According to him Indian foundries must always keep updating themselves technologically to produce castings of international quality standards at lower cost to compete in the global market. The Chief Guest hoped that foundrymen would have fresh ideas and positive takeaways from 70th IFC and IFEX 2022 which they would implement in their own business to grow.

Soli Commissariat Award for the Best Technical Paper presented at 70th IFC went to Mr Sandeep Rege, Head – Foundry, Automotive Unit, Mahindra & Mahindra Ltd for his paper titled “Best



practices in my foundry”. Mr Rege received a memento and a certificate from IIF President.

IIF National Office Bearers were felicitated with presentation of mementos.

Office Bearers of Western Region and the Chairman, 70th IFC Organising Committee were also felicitated during valedictory function by IIF Ahmedabad Chapter.

IFC flag was handed over by IIF-Western Region team to IIF-Northern Region team. Northern Region will be the host Region of 71st Indian Foundry Congress to be held during 8-10 February 2023 at India Mart Exhibition Centre, Greater Noida.

Mr Suresh Chavan, Secretary, 70th IFC Organising Committee offered vote of thanks. He thanked the organising

team members, authors of technical presentations, sponsors, advertisers, members of Ahmedabad and Greater Mumbai Chapters and also ladies committee members.

Dr N P Sinha, Chairman, CET-IIF and Co-Chairman, Indian Foundry Journal was honoured by IIF President for outstanding contribution to IIF and foundry industry for a long time.

Curtain rolled down at CR Swaminathan Hall at Helipad Exhibition Centre concluding the three-day flagship event of the foundry industry – 70th IFC and IFEX 2022. People were going back home with new ideas, new thoughts and new hopes for working for future with a fresh lease of life.

