



73rd INDIAN FOUNDRY CONGRESS & IFEX 2025

Hosted by - IIF Eastern Region & Its Chapters



9th, 10th & 11th February, 2025 | Biswa Bangla Mela Prangan, Kolkata

IFC/IFEX NEWSLETTER

DAY 2 - FEB 10, 2025

Today's Events

- Railway Symposium
- Robotics & Automation Symposium
- Aluminium Symposium
- Ductile Iron Symposium
- TechMart Sessions
- Vendors Development
- B2B Meetings
- IIF Awards Ceremony
- IFEX & Live Demo
- Ladies Programme
- Entertainment Programme



Railway Symposium at Texmaco Hall in Progress



Participants at Railway Symposium

Railway Symposium



Mr Asad Alam

MD of Braithwaite & Company Ltd

Addressed the quality requirements for castings used in wagons and freight cars for railways. He emphasized the importance of stringent quality standards to ensure safety, durability, and efficiency in railway operations.



Mr Tapan Roy

COO of Nipha Group's Foundry Division

Presented on the importance of in-house R&D activities in progressive foundries. He showcased case studies illustrating how these innovations have benefitted Indian Railways, enhancing efficiency, safety, and performance in railway components through advanced research and development.



Dr Sandeep Bhattacharya

VP of Operations at Titagarh Rail Systems

Discussed about contributions to foundry solutions, focusing on the latest trends and innovations in railway technology. He highlighted advancements in casting production techniques, emphasizing the importance of integrating modern innovations to enhance the quality and performance of railway components.



Mr A K Bharati

Group GM, RITES

Addressed queries regarding the certification process for MSME foundries and the support RITES provides. He discussed how RITES assists industries, their facilities, and the 15% discount offered to MSMEs. He emphasized the significance of independent safety assessments and ISA certification



Mr Avijit Mitra

CEO, Texmaco Rail & Engineering - Foundry division

Emphasized the importance of quality of cast components in Indian Railways. He advocated for collaboration and knowledge sharing, stating, "What others are doing, don't try to invent but follow up." He highlighted the necessity of maintaining standard quality and discussed the adverse effects of not adhering to these standards.

Robotics & Automation Symposium



Mr Yogesh Kumar

Director and Chief Operations Officer at DIFACTO Robotics and Automation

Provided valuable insights into the current trends and future advancements in robotics and automation technology. He emphasized the transformative impact of these innovations on various industries, driving efficiency and productivity.



Mr Mayank Kejriwal

Managing Director at Kiswok Industries Pvt Ltd

Focused on the integration of automation within the foundry and machine shop. He outlined Kiswok Industries' core values, shared insights into current automation practices, and discussed their future plans for implementing advanced technologies to enhance operational efficiency.



Mr Hari Parthasarathi

R&D Leader, India Safety and Industrial Business Group, 3M India Limited

Introduced 3M Automation, detailing its significance in enhancing operational efficiency. He discussed the evaluation process for automation implementation, outlining key elements such as technology integration, workforce training, and safety considerations.



Mr Naman Shah

Founder and Chief Executive Officer at NowPurchase

Discussed his company's role in software digitization. He covered charge-mix optimization, Industry 4.0, and computer vision, emphasizing their significance in modern automation and digitization processes.



Mr Luca Gervasoni

Marketing and Sales Director of Savelli Technologies s.r.l Italy

Discussed predictive maintenance for high-pressure automation in green sand foundries. He highlighted the smart predictive system and presented a case study on its applications within foundries.

Aluminium Symposium



Mr Anant Bam

Foundry Consultant

Discussed the critical role of aluminium recycling in the journey towards carbon neutrality. He highlighted the significance of reducing greenhouse gases (GHG) to combat climate change and global warming, while outlining India's commitments to sustainability and eco-friendly practices in the aluminium industry.



Mr Ankit Divekar

Director at Pearlite Liners

Discussed the impact of electric vehicles (EVs) on aluminium foundries, emphasizing India's EV revolution and the advantages of aluminium in EV manufacturing. He also compared EVs to internal combustion engine vehicles and highlighted growth trends in both global and Indian markets.



Dr Pallavi Deshmukh

Manager – Research & Development at Minex Metallurgical Company Limited

Discussed the significance of TiBAl in grain refinement for foundry processes. She covered its pouring reliability, grain refinement mechanisms, various TiBAl grades, eutectic Si phase modification, and their combined effects on enhancing mechanical properties in AlSi alloys.

Vendors Development Programme



Ductile Iron Symposium



Dr D S Padan

GM, Foundry Division at Tata Motors

Discussed the growing demand and applications of Ductile Iron in domestic and export markets. He emphasized overcoming challenges and inspired with, "Believe in yourself and you will be unstoppable".



Dr Himadri Roy

Senior Principal Scientist at CSIR-CMERI

Discussed about its recyclability and critical process parameters for quality enhancement. He emphasized the importance of optimizing chemical composition, austenitizing time, and austempering conditions to ensure high-quality ADI components.



Mr Sharath Kumar

Director-Sales at Minex Metallurgical Co Ltd

Detailed on the cored wire injection process for ductile iron, emphasizing its digitization for Industry 4.0 compatibility and various key process parameters. He noted the importance of factors like sulfur content, magnesium percentage, and treatment temperature on injection yield and spheroidization efficiency.



Mr Atin Dey

Associate Vice President at Electrosteel Castings Ltd

Discussed the evolution and future prospects of centrifugally cast Grey and Ductile Iron pipes in India. He highlighted the development of Indian and international standards, manufacturing growth, and the advantages of ductile iron in pipeline design.



Mr Shekhar Chatterjee, moderator conducting the session

B2B Meetings



B2B meetings in progress



Speakers at making presentation at TechMart Sessions



Discussion with Chief Guest Sri Rajesh Pandey, Principal Secretary, MSME, Govt of WB

IIF Annual Awards

distributed on 9th & 10th Feb, 2025

SL. NO.	TYPE OF AWARD	AWARDED TO
1	LAKSHMAN RAO KIRLOSKAR AWARD – for Foundry of the Year Sponsor: Kirloskar Ferrous Industries Ltd, Koppal	NELCAST LIMITED, CHENNAI
2	GARGI HUTTENES-ALBERTUS – Green Foundry of the Year Award Sponsor: Gargi Huttenes -Albertus Pvt Ltd, Mumbai	AQUA SUB ENGINEERING - FOUNDRY DIVISION COIMBATORE
3	K R SANTHANAM MEMORIAL AWARD – for Foundryman of the Year Sponsor: Family of Late K R Santhanam	Mr. C.RAMESH - PRESIDENT - PLANT HEAD KIRLOSKAR FERROUS INDUSTRIES LIMITED KOPPAL
4	FORACE GROUP AWARD - For Young Foundryman of the Year Sponsor: Forace Speciality Chem Pvt Ltd, Hardwar	Mr. NAVIN KUMAR MANAGER (METHODS) HINDUSTHAN AERONAUTICS LIMITED BANGALORE
5	BHAGWATI SME FOUNDRY OF THE YEAR AWARD Sponsor: Bhagwati Group	JASH ENGINEERING LIMITED INDORE
6	BEST TECHNICAL PAPER IN IIF JOURNAL AWARD - Awarded by IIF	Improvement of Mechanical properties of Ductile Iron containing Exploded Nodules by Annealing treatment - MANISH KUMAR
7	BEST TECHNICAL PAPER IN IIF JOURNAL AWARD (Non Ferrous Category) Awarded by IIF	Image Analysis Methods for Grain size Analysis : An Overview and Case Study - HARSH VARDHAN GUPTA et al.
8	BEST TECHNICAL PAPER IN IIF JOURNAL AWARD - (General Category) Awarded by IIF	Influence of Pattern Material, Infill Rate and Process Parameters of the Performance of FDM Patterns in the Rapid Investment Casting Process by - HANUMAN P AGRAHARI et al.

IIF Annual Awards Continued

9	RAMPRATAP ZANVAR MEMORIAL AWARD -FOR CASTING OF THE YEAR (Ferrous Category) Sponsor: Zanvar Group, Kolhapur	TATA MOTORS JAMSHEDPUR FOUNDRY
10	RAMPRATAP ZANVAR MEMORIAL AWARD -FOR CASTING OF THE YEAR (Non-Ferrous Category) Sponsor: Zanvar Group, Kolhapur	INDSAT CORPORATION CHENNAI
11	VISWAMITRA KAPUR MEMORIAL AWARD - FOR EXPORT EXCELLENCE (Large Scale Foundry) Sponsor: Gargi Industries, Mumbai	PEEKAY STEEL CASTINGS PRIVATE LIMITED KOZHIKODE
12	VISWAMITRA KAPUR MEMORIAL AWARD - FOR EXPORT EXCELLENCE (Medium Scale Foundry) Sponsor: Gargi Industries, Mumbai	RBA FERRO INDUSTRIES KOLKATA
13	VISWAMITRA KAPUR MEMORIAL AWARD - FOR EXPORT EXCELLENCE (Small Scale Foundry) Sponsor: Gargi Industries, Mumbai	SEKSARIA FOUNDRIES LIMITED KOLKATA
14	SHAMLAX AWARD for Excellence in Quality Sponsor: Shamlax Meta- Chem Pvt Ltd, Nagpur	MENON & MENON LIMITED KOLHAPUR
15	IIF CHAPTER OF THE YEAR AWARD Awarded by IIF	COIMBATORE CHAPTER
F1	IIF FELLOWSHIP 2024-25	MR. SANJAY SHROFF
F2	IIF FELLOWSHIP 2024-25	DR. NITHYANANDAN DEVARAAJ
F3	IIF FELLOWSHIP 2024-25	DR. SHIV KUMAR GUPTA

IIF Annual Awards Continued

SL. NO.	TYPE OF AWARD	AWARDED TO
16	CHANDRAN MENON MEMORIAL AWARD – for Applied Research & Innovative Technology Sponsor: Menon & Menon Ltd, Kolhapur	Dr. V.S SARAVANAN ASSOCIATE VICE PRESIDENT INDOSHELL CAST PRIVATE LIMITED COIMBATORE
17	FOUNDRY KAIZEN AWARD Awarded by IIF	GROTEK ENTERPRISES PRIVATE LIMITED BANGALORE
18	5S EXCELLENCE AWARD (Medium Scale Category) Awarded by IIF	MAXWELL AUTO COMPONENTS PRIVATE LIMITED COIMBATORE
19	5S EXCELLENCE AWARD (Large Scale Category) Awarded by IIF	GROTEK ENTERPRISES PRIVATE LIMITED BANGALORE
20	IIF REGION OF THE YEAR AWARD Awarded by IIF	SOUTHERN REGION
21	MEMBERSHIP GROWTH AWARD FOR IIF CHAPTERS (Small Chapter Category) Awarded by IIF	JAMSHEDPUR CHAPTER
22	MEMBERSHIP GROWTH AWARD FOR IIF CHAPTERS (Large Chapter Category) Awarded by IIF	DELHI CHAPTER
L	LIFETIME ACHIEVEMENT AWARD	DR. N P SINHA
IF	IFEX 2024 CHAIR	YOGESH KUMAR
M1	100% MEMBERSHIP GROWTH	ER + 4 Kolkata, Howrah, Jamshedpur, Durgapur
M2	100% MEMBERSHIP GROWTH	NR+ Batala, Chandigarh, Delhi, Jaipur
M3	100% MEMBERSHIP GROWTH	SR + Andhra, Bangalore, Belgaum, Chennai, Coimbatore, Hyderabad, Kerala, Shimoga
M4	100% MEMBERSHIP GROWTH	WR+ Ahmedabad, GBM, Indore, Kolhapur, Nagpur, Pune, Rajkot, Vadodara
S	SPONSORS	AS INDICATED BY OC

IIF Fellowship

IIF Fellowship, the highest honour of The Institute of Indian Foundrymen (IIF), is conferred every year amongst the members of IIF, who are adjudged as eligible by the Jury Panel fulfilling the requisite criteria. IIF Fellowship are awarded annually during Indian Foundry Congress celebrations.

In 2024-25, IIF Fellowship recipients are as follows:

Mr Sanjay Shroff

Mr Shroff is the Managing Director of Vishwashanti Merchandise Pvt Ltd, Chennai with 40 years of top Management experience in the field of Foundry Raw Material Supplies. He has more than 20 years of involvement with IIF at Chapter, Region and National Council levels, culminating into holding the position of President, IIF in 2019-20.

Dr Nithyanandan Devaraaj

Dr Devaraaj, CEO of FLS, a Voith Group Company, is a Professional with more than 35 years of experience and a rare blend of Industry – Entrepreneurial Orientation, having been in Governing & Advisory Council of leading organisations as well as Industrial Associations. Designing of a few management courses in the fields of Product Management, Industrial Marketing, Operations Management, Cost Management and CSR are in his credit. He held offices in IFC and as Hon Secretary of IIF.

Dr Shiv Kumar Gupta

Dr Gupta is a retired Professor with four decades of experience in teaching as well as research in the areas of Materials Science and Engineering, Materials Processing and Selection of Mechanical Designs

Ladies Programme



Ladies Participants

at
73rd Indian Foundry
Congress



IFEX 2025

India's Largest Exhibition of Foundry, Equipment and Raw Material Supplies

