



**THE INSTITUTE
OF INDIAN
FOUNDRYMEN**

WESTERN

R E G I O N



Get Future Ready



ANNUAL ACTIVITY REPORT

IIF WESTERN REGION ANNUAL ACTIVITY
REPORT FOR THE YEAR 2023 - 24



WeCAST

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Theme of the Year 2023 – 24



3 Steps to Grow – Reform, Perform – Get Future Ready

Reform

Addressing the core problems of the foundries and analyzing it and delivering practical, economic and reasonable solutions with Best Practices seminar.

Perform

While theoretically the above may sound good, under Perform the aim is to execute the same solutions at ground level by conducting training workshop / skill development programs involving the shop floor workers too.

Get Future Ready

Exploring the market opportunities to unleash the potential of our units by conducting business development programs, Buyer – Seller meet, workshop on exports.

Chairman's Address

Dear Fellow Foundrymen,

As my tenure as Chairman of the Western Region draws to a close, it is time to pass the baton to the incoming team. Reflecting on this past year, I am filled with pride and gratitude for the achievements we have made together. It has been an honor and privilege to serve our foundry industry, and I trust that we have added significant value to our members in various ways.



With the beginning of my tenure, we started with the vision to create an awareness among the foundrymen for the potential we have within ourselves and to hand out guidance and tools to move towards it and launched the theme “Reform, Perform – Get Future Ready”. With this vision in mind, last year we conducted:

- **8 technical lectures** focused on Best Practices in various foundry processes.
- **9 skill development workshops/training programs**, including the Yogyata Vikas Series.
- Organized **industrial visits to 10 companies** facilitating the knowledge sharing on best practices and upcoming trends in foundries.
- **5 Business Development related events**, including B2B sessions which had record-breaking participation
- **WESCON23** - a flagship Annual Conference of Western Region in collaboration with the IIF Ahmedabad and Vadodara Chapters.

Detailed descriptions of these events are included in this report, but it's worth noting that many events reached full capacity well before they began, indicating their relevance and benefit to our foundrymen and motivating us to continue in this direction. Our members' satisfaction was evident in the growth of our membership as well, which increased from 870 on April 1, 2023, to 998 on March 1, 2024, a remarkable 15% growth.

This year, to keep up with current trends, we also introduced several new initiatives which were the first timer like:

- Expanded our **Digital Reach** by launching the **IIF Western Region website** (www.iifwr.com), providing event updates, webinar videos, and a digital magazine, “*Foundry Talks*.” We also established a presence on **LinkedIn**, created a group “*The Institute of Indian Foundrymen - Western Region*” (<https://www.linkedin.com/groups/8102796/>) to grow our professional network.

- Implemented **100% Digital Registration**, moving away from conventional paper-based systems, which streamlined our event organization.
- Initiated the **ZED certification project**, supporting around 30 industries in obtaining ZED certification.
- Organized an **Art Competition** on "Environment Health & Safety in Foundries," theme receiving enthusiastic participation across all age groups from as young as 4 years old. The selected artwork **featured in the IIF-WR 2024 table calendar** which was provided to all the Western Region Members.
- Held an **Inter-Chapter Quiz Competition** at WESCON 2023, involving all eight chapters of Western Region, refreshing technical knowledge and promoting self-assessment.
- Arranged a **Western Region Council member family get-together** at Pench, Nagpur, strengthening bonds among members.
- Launched the **Yogyata Vikas Series** in Western Region, offering essential shop floor training programs for MSME foundries with reduced financial burden.

As quoted by Vince Lombardi – *“The achievements of an organization are the results of the combined effort of each individual”*. This progress would not have been possible without the dedicated support of our team. I extend my heartfelt gratitude to Mr. Saibal Sen, Vice Chairman, who acknowledge the work on regular basis; Mr. Atin Jain, Hon. Secretary WR, for his steadfast approval and strength; Mrs. Ruma Rao, Hon. Treasurer, for her valuable suggestions; Mrs. Anuja Sharma, Immediate Past Chairperson, for providing a solid foundation; and Mrs. Aarti Ghag, Senior Officer, WR Office, who joined this year only but had quick adaptation and was a backbone support. I received tremendous support from all the IIF Chapter Office Bearers & WR Council Members too who were very accommodating to consider all the requests, extending their full support and valuable time for the benefit of the IIF members. Last but not the least, I express my deepest appreciation to all IIF members for your trust, encouragement, and support throughout the year. It has been a remarkable journey of warmth and friendship.

I extend my best wishes to the incoming chairman and his team. I am confident that under their leadership, our region will reach even greater heights.

Thank you again for everything.

Prayut Bhamawat

IIF Western Region Chairman 2023-24

IIF Western Region Team 2023 -24

Regional Office Bearers



Chairman
Mr. Prayut Bhamawat



Vice – Chairman
Mr. Saibal Sen



Hon. Secretary
Mr. Atin Jain



Hon. Treasurer
Mrs. Ruma Rao



Imm. Past Chairperson
Mrs. Anuja Sharma

Western Regional Council Members – Elected & Co-opted

Mr. Amar Patil	Mr. Sanjay Waghulde	Mr. Probal Sen
Mr. Mehul Shah	Mr. Yatin Shah	Mr. Charanjeet Sing Kalara
Mr. Vijay Purohit	Mr. Kamlesh Patel	Mr. Raju Shah
Mr. Mukund Pant	Mr. Omprakash Kothari	

Western Region Chapter Office Bearers

Chapter	Chairman	Hon. Secretary
Ahmedabad	Mr. Bipin Sharma	Mr. Tushar Sodvadia
Greater Mumbai	Mr. Sudeep Shah	Mr. Ian Nazerath
Indore	Mr. Sangram Patil	Mr. Praveen Sinha
Kolhapur	Mr. Mahesh Date	Mr. Milind Biradar
Nagpur	Mr. Chandrashekhar Mankar	Mr. Kumar Kisley
Pune	Mr. Rajendra Newadkar	Mr. Dhananjay Paranjpe
Rajkot	Mr. Dhirbhai Patel	Mr. Bharat Davda
Vadodara	Mr. Dhwanish Shah	Mr. Krunal Bhatt

62nd Annual Regional Meeting

62nd Annual Regional Meeting of IIF Western Region was held on 15th July 2023 at Hotel Courtyard by Marriott, Vadodara. The event was graced by Shri D S Chandrasekhar as a Chief Guest and Shri R C Kothari as a Guest of Honor. The minutes of the last ARM held on 29th July 2022 in Nagpur was confirmed with proposer as Mr. Pravin Patel and seconded by Mr. Suresh Chavan.

Mr. Prayut Bhamawat, Hon. Secretary – IIF WR (2022-23), presented annual activity report of western region for 2022-23 which was adopted by the members.

Mr. Rajesh Tanti, Hon. Treasurer – IIF WR (2022-23), presented annual accounts of western region for 2022-23 and was adopted by the members.

Annual Western Region Awards - N. D. Desai Award 2022-23 was presented for Best Chapter to Kolhapur Chapter, Best Membership Growth in large category to Vadodara Chapter, Best Membership Growth in small category to Nagpur Chapter and Appreciation award to Rajkot Chapter. All the awards were handed to the winners by Chief Guest Shri D S Chandrasekhar and WR Chairperson Mrs. Anuja Sharma.

Western Region Director Mrs. Shyamal Aroskar was given fare well after years of service to the IIF. Mr. Prayut Bhamawat gave a brief accomplishment of Mrs. Aroskar followed by which she was felicitated with a memento by all the dignitaries from the dias and past WR Chairman present in the meeting. Mrs. Anuja Sharma gifted her Lord Ganesha as a token of appreciation on behalf of Western Region and Head office.

Outgoing Chairperson Mrs. Anuja Sharma in her address mentioned about the support of team she received during her tenure specially with the new initiatives taken and she thanked all the OB's of WR and also chairman of all the chapters and past chairman of WR for their support. She felicitated her team and chapters chairman with memento. She then introduced the Incoming Chairman Mr. Prayut Bhamawat and handed over the charge to him.

Incoming Chairman Mr. Prayut Bhamawat (2023-24) gave his acceptance speech and introduced about the theme of WR for the year – “Reform, Perform – Get Future Ready”. He briefly highlighted the activities planned for the year 2023-24 under this theme and introduced his new team of office bearers. He also launched the New IIF Western Region website – www.iifwr.com.

Guest of Honor, Shri R C Kothari addressed the gathering and extended best wishes to the new team. He encouraged WR by reflecting on the past great job done by the WR team and inspired them to continue to do the same.

Chief Guest, Shri D S Chandrasekhar gave his address highlighting the accomplishment of IIF at national level and its future vision. He concluded his speech with a short story from Mahabharat which was appreciated by all the members. Mr. Atin Jain, Hon Secretary – IIF WR (2023-24) offered vote of thanks.



IIF Western Region Council Meetings

Sr No.	Venue	Date	Members Present
1 st CM	Courtyard by Marriott, Vadodara	15 th July, 2023	20 members
2 nd CM	Hotel By ITC, Ahmedabad	23 rd Sept. 2023	30 members
3 rd CM	Hotel Deltin, Daman	25 th Nov. 2023	20 members – Physical 5 members Online
4 th CM	Pench, Nagpur	18 th Jan. 2024	17 members – Physical 12 members Online
5 th CM	Zoom - Online	20 th Mar. 2024	28 members
6 th CM	Hotel Sayaji, Pune	25 th May, 2024	30 members

Orientation Workshop for Chapter Office Bearers

The Orientation Programme for chapters office bearers was conducted by Mrs. Shyamal Aroskar on 15th July 2023 at Hotel Courtyard by Marriott, Vadodara.

It was attended by representatives of all the 8 chapters of the IIF Western Region. Mrs. Aroskar briefed about the rules and regulations of the IIF under society act. She also explained that as an office bearer of the chapter what are the responsibilities assigned for the Chairman, Vice-chairman, Hon. Secretary and Hon. Treasurer. Also, brief the members on the kind of activities that can be conducted in terms of seminars, workshop, NFD celebration, Student Programmes, council meetings etc.



National Foundry Day Celebration

IIF- Western Region along with Vadodara Chapter conducted 73rd National Foundry Day Celebration on 19th August 2023 at Hotel Courtyard by Marriott, Vadodara. It had a gathering of about 75 numbers of the Western Region foundrymen with their family members. NFD had a presence of Shri S J Thakor, Asst. Commissioner of Industries, DIC – Vadodara as Chief Guest and Mr. Pravin Patel, MD Patel Furnace & Forging Pvt Ltd as Guest of Honor.

WR Chairman welcome all the foundrymen and their families. He highlighted the importance of having such a family event in IIF and the purpose of National Foundry Day celebration. Guest of Honor Mr. Pravin Patel appreciated the work done by IIF for the benefit of foundrymen and gave further suggestions. Chief Guest Shri S J Thakor addressed the industrialist with means to work closely with the government of India and taking benefits from the various schemes designed for MSME. Members completing 25 years of membership were felicitated

Guest Speaker Mr. Shetal Gonsai, renowned trainer of India and a Ravi Purashkar award winner then took over the stage and conducted a workshop of the “Reading the Body Language”. It was entertaining for all the members with new learnings as well.



IIF Western Region Art Competition

IIF Western Region organized an Art- Drawing/Painting Competition for children and adults on the theme "**Environment Health & Safety in Foundries**". Main idea was to engage children and the family members to get their wise insights and perspective about foundries today and foundries in future. A good number of entries were received out of which **12 artworks were selected which got featured in the IIF – WR Calendar 2024** and were distributed to all the members of the IIF Western Region.

ART COMPETITION WINNER



1st in Junior 1 Category
Mst. Prakarsh Bhatt
Age: 5 Yrs
Son of Mr. Bhushan Bhatt
Vezapp Solutions
IIF Vadodara Chapter



1st in Junior 2 Category
Ms. Riya Chendake
Age: 6 Yrs
Daughter of
Mr. Sandeep Chendake
Menon & Menon
IIF Kolhapur Chapter



1st in Senior 1 Category
Ms. Madhushri Monpara
Age: 11 Yrs
Daughter of
Mr. Sagar Monpara
Sagar Techno Cast.
IIF Rajkot Chapter



1st in Senior 2 Category
Mrs. Monika Bhatt
Wife of Mr. Krunal Bhatt
IIF Vadodara Chapter



Junior 1 Category
Mst. Ayaansh Bhamawat
Age: 4 Yrs



Junior 2 Category
Mst. Vairaj Shah
Age: 9 Yrs



Junior 2 Category
Mst. Vishwesh Bhagat
Age: 9 Yrs



Junior 2 Category
Mst. Krishiv Bhatt
Age: 7 Yrs



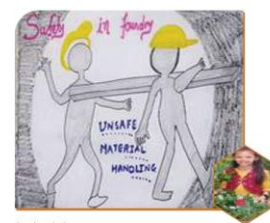
Junior 2 Category
Mst. Kabir Vyas
Age: 8 Yrs



Junior 2 Category
Ms. Shanaaya Bhamawat
Age: 8 Yrs



Senior 1 Category
Mst. Amav Mankar
Age: 14 Yrs



Senior 1 Category
Ms. Yashti Bhatt
Age: 11 Yrs

WESCON 2023 – IIF WR Annual Flagship Event

WESCON 2023, annual IIF western regional (WR) conference, was on theme “**Get Future Ready**” and delivered on it. Two days conference scheduled on 24th – 25th November 2023 in Daman, was totally packed with lot of interactive session and focusing the need of the foundrymen to grow further and preparing for what lies ahead for the foundry industry. The topic covered was best practices in the foundry processes, Low-cost automation & Foundry Sustenance covering the aspects on environmental health and safety. Lots of new initiatives with emphasis of Non-Technical sessions as well were taken in this conference including conducting panel discussion on best management practices, Exports Tips & challenges as a 1st generation and 2nd generation foundrymen. It was the first time WR had Kaizen Presentation and a inter-chapter quiz competition which gathered massive participation as well as great appreciation from the delegates.

WESCON 23 was different in a way that 2 chapters were hosting it together having experience of Ahmedabad chapter and Enthusiasm of Vadodara chapter. The vibrancy and energy level of this conference was different as it was organized by very young, energetic and enthusiastic team. Spread across the 2-day conference, day 1 focused on the Best Practices in Foundry Operations and day 2 focused on Business Opportunities and Sustenance.





Monthly Activities – September 2023

Industrial Visit to Inductotherm and Workshop on “Maintenance of Induction Furnace”

IIF Western Region, jointly with IIF Ahmedabad Chapter and IIF Vadodara Chapter organized a work visit to Inductotherm and a workshop on “Maintenance of Induction Furnace” on 23rd September 2023 at Inductotherm India Pvt Ltd, Sanand, Ahmedabad.

The session began at 10:45 by the welcome of delegates by Mr. S. Subramaniam, Senior General Manager of Inductotherm. The Delegates were introduced to the sales Team of Inductotherm as well as the operations team.

Mr. Nikhilesh Samkuniya, Sales leader at Inductotherm India Pvt. Ltd. gave a detailed idea about Induction basics as well as with the common breakdown in the Induction furnaces related to water as well as the temperature related issues & the probable maintenance to be done at regular intervals for the smooth functioning of the furnace.

All the delegates were given a thorough tour of the manufacturing facility of the Plant and showed live demos of various furnaces VIZ. Heating & Melting furnaces. All the delegates had Lunch at the canteen facility at Inductotherm & were gathered at the seminar hall for their feedback. The session ended with the sharing of thoughts from the MD Inductotherm, Mr. Naishad Parikh, Mr. Chirag Sitwala, Exe. Dir. Inductotherm & Interaction with the delegates.



Monthly Activities – September 2023

Best Practices Seminar on:

- (1) Costing of Casting by Mr. M K Bhamawat, Director, Mangalam Steelcast Pvt Ltd
- (2) Fire Safety in Foundries by Mr. Sanjay Pathak, Fire Safety Expert from AAAG India
- (3) Selection of Raw Material for Moulding Process by Mr. Narayan Dhanagar & Mr. Jigar Shah, RSJ Industries, Ahmedabad.

Western Region & Ahmedabad Chapter jointly organized a Seminar on Best Practices Awareness Series on 23rd September 2023 at Welcome by ITC Ashram Road, Ahmedabad.

Mr. Bipin Sharma, Chapter Chairman delivered his welcome address & welcomed all the delegates to the seminar.

Mr. M.K. Bhamawat, gave a detailed idea the basics of costing and the impact of variables on the final price of the casting. He listed out all the purchase inputs required for the foundry in the Excel worksheet & the minor changes in the rates of each can impact the final cost of casting. He included practical examples of items involved in the manufacturing process of casting & how to work out its cost in the costing of castings which was an eye-opener for the delegates.

Mr. Sanjay Pathak began with the second talk on Fire safety in foundries. He introduced the delegates with the common fire causes in the foundry. He guided the delegates on how to rescue themselves from the fire & smoke with various techniques involved with it. He then introduced the various types of fire extinguishers applicable for fire elaborating on Type A, B, C, D extinguishers. He highlighted the requirement of Type D extinguisher to be used for.

Mr. Narayan Dhanagar gave the last talk on various types of Sand VIZ. Silica, Chromite, Olivine, Mulite, etc. & gave the selection of the sands with respect to the various processes and type of Alloy to be casted. Mr. Jigar shah introduced the delegates with the different types of Resin & Binders system to be adopted for moulding depending on the metal to be cast.



Monthly Activities – October 2023

Best Practices Seminar on ESG

IIF Western Region jointly with IIF Kolhapur Chapter jointly organized a seminar 'Elevating Success with Green: Embracing the ESG Revolution' on 7th October, 2023 at Hotel Ayodhya, Kolhapur.

Program started with a welcome address by Kolhapur Chapter Chairman & during his speech he informed about the activities of Kolhapur Chapter. Next WR Chairman Mr. Prayut Bhamawat gave special address & appreciated Kolhapur Chapter for organizing such seminars which are in line with WR theme and as well as national theme.

1st Session started with presentation by Mr. Chetankumar Sangole, Head, Sustainability Desk, MCCIA, Pune. During his presentation he focused on key elements of sustainable business and its linkages, developing better future (Initiative & approach).

2nd Presentation was given by Mr. Arupendra Nath Mullick, Vice President, TERI Council for Business, Sustainability, New Delhi. He dwelt upon Embracing the ESG Revolution: What are the implications & opportunities for the foundry sector. Later he briefed on three global frameworks that drive sustainable development.

After Tea Break Three Case Studies were organized, first a Case Study was of Mahindra & Mahindra Ltd. Kandivali Plant by Mr. Kiran Gangapure, ESG Leader, Asst. Manager, Environment. He told about 10 ESG Commitments & sustainability Framework/Road map/ Policies.

Second Case study was of Taural India Ltd., Pune team by Mr. Aniket Sisodia, Manager, Sustainability & Mr. Viraj Desai, Manager, Best Foundry Practices. They highlighted on best ESG practices adopted by Taural India and benefits obtained from the same.

Last Case Study was of Menon & Menon Ltd. Kolhapur by Mr. Jitendra Akkalkotkar, Head System & Startegy. He briefly detailed about ESG and highlighted on various ESG Practices & process implemented by Menon & Menon, Kolhapur.



Monthly Activities – October 2023

Hosted IIF Southern Region Members

IIF Western Region jointly with IIF Kolhapur Chapter hosted 15 delegates from IIF Southern Region from Chennai Chapter and Andhra Chapter for the industrial visit in Kolhapur on 8th October 2023.

The purpose of this visit is to gain insights into best industrial practices and to familiarize themselves with the modern technologies adopted by foundries in Kolhapur. Kolhapur Chapter arranged 2 visits for them in the morning at Menon & Menon Ltd. and Synergy Green Ltd.

The members appreciated the focus on safety and quality by implementing various poka-yoke & the best teamwork. The mechanization and high productivity achieved by the visited plant impressed the visitors.

After visits a joint Council meeting of SR & WR members was arranged at Hotel Park Inn where the situation of the foundry industry and its growth aspects were discussed in detail for both the regions. The Southern region members appreciated the Western Region and IIF Kolhapur chapter for their hospitality and support for arranging the visits. The visit ended with the lunch.



Monthly Activities – November 2023

Best Practices Seminar on Lining of Furnace

IIF Western region joining with IIF Indore Chapter organized a seminar on topic “Best Foundry Practices and Product selection for Furnace and Ladle” on 29th November 2023 at Hotel President, Indore.

Mr. Sangram Patil, Chairman - IIF Indore Chapter welcomed the guest & speaker Mr. Hemang Shah – Territory Manager Sales, M/s. Allied Refractory Products India Pvt. Ltd.

Speaker Mr. Hemang Shah detailed focus on role of advanced technology refractory material and its availability for Induction Furnace & Ladle. He explained & highlighted the fundamentals of Refractories. He introduced various types of lining material and its usage depending on the application of the product. The program was closed by a question-answer session. Queries of participants were clarified by the speaker.

Mr. P. S. Bagga, Council member presented the mementos to speaker. Mr. Ranganatha offered a vote of thanks to conclude the seminar.



Monthly Activities – December 2023

Business Support Webinar

IIF Western Region jointly with IIF Nagpur chapter conducted an online webinar on “Understanding the Factory Act for Foundry Industry” on 6th December 2023 delivered by Mr. Dyanesh Mase – Director, MD Safety Consultant Pvt Ltd.

Mr. Prayut Bhamawat, Chairman, IIF Western Region, delivered the welcome address and highlighted the importance of Indian Factories Act, its relevance to the Foundries in the region, and how this webinar can be of great help to understand the requirements for compliance, and also general welfare.

Post the welcome Note by the IIF WR Chairman, Mr. C. J. Mankar, Chairman, IIF Nagpur Chapter introduced the speaker and set the tone for the webinar ahead.

Mr. Mase gave a very detailed insight about the Indian Factories Act to the attending members, emphasizing its significance to the foundry industry. The Webinar was very well received.

Kumar Kislay, Hon. Secretary, IIF Nagpur Chapter, gave the Vote of Thanks.

SAFETY ASPECT IN LAW FOR INDUSTRY

DNYANESH MASE,
M.D. SAFETY CONSULTANTS PVT. LTD.
 9/A VINAYAK NAGAR, HINGNA ROAD NAGPUR-440036
 M-9881724840, Ph. No. 0712-2244948

The Factories Act 1948 & The Maharashtra Factories Rules, 1963

Chapter III - Health

The Factories Act, 1948	The Maharashtra Factories Rules, 1963
Sec. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	Rule 18 A to 53A
11- Cleanliness	18 A - Medical Examination
12 - Disposal of Wastes & Effluents	19 to 21 - Cleanliness, Whitewash
13 - Ventilation & Temperature	22 - Disposal of Wastes & Effluents
14- Dust & Fumes	22A - Ventilation & Temperature
15- Artificial Humidification	23 - No artificial Humidification
16- Over Crowding	24 to 33 - Provisions for Hygrometer
17 - Lighting	35 To 38 - Standards of Lighting, Prevention of glare, Exemption from R-35.
18 - Drinking Water	39 to 44 - Drinking Water Facility
19 - Latrines & Urinals	
20 - Spittors	

The Factories Act 1948 & The Maharashtra Factories Rules, 1963 Chapter III - Safety

S-21	Fencing of Machinery	R-57	Special Provisions
S-22	Working on machine in Motion	R-58	Register of Specially trained adult workers
S-23	Employment of young persons on dangerous machine	R-59	Tight Fitting Clothing
S-24	Striking Gear & Devices for cutting of power	R-60	Belts to be regularly examined
S-25	Self Acting machine	R-62	Register in Form 11 for Lifts & Hoists
S-26	Casing of New Machinery	R-64	- Testing of Lifting Machines, Chains, Rope once in 12 Months
S-27	Prohibition of employment for women & children near cotton openers		- Lifting equipment in molten metal area once in 6 months testing.
S-28	Hoists & Lifts		- No person below 18 years & untrained worker shall work on lifting machines or
S-29	Lifting Machines, Ropes, Chains & Lifting Tackles		

Monthly Activities – December 2023

Full Day Seminar on Best Practices in Melting hosted by IIF Greater Mumbai Chapter

IIF GMC along with IIF Western Region conducted a one-day seminar on the topic of Clean Molten Metal for Quality Casting Production on 8th of December 2023 @Hotel Sea Princess, Juhu, Mumbai.

The event was first kicked off with inauguration at 10.30 AM by the chief guest Mr. Gautam Mukhopadhyay and guest of honor Mr. S P Oudhia joined by other office bearers. Followed by inaugural events, the seminar sessions were held as below:

Speakers' details:

Speaker 1: Mr. Subramaniam Sundaram -Ex. Dy. General Manager, (Foundry), Tata Motors Ltd. Pune gave presentation on the topic of Origin & Occurrence of Metallic and non-metallic inclusions in Castings and its impact on Castings Quality.

Speaker 2: Mr. Jayant Patankar – Advisor Technical Services MPM Ltd. Nagpur on the topic of Effective Design of gating systems for Clean Metal entry into Mould Cavity.

Speaker 3: Mr. Nitin Patil – Solution Manager, Foseco India Ltd., Pune on the topic of Molten Metal Filtration technology, filter types, Grades, Specifications & Selection of Filters.

Speaker 4: Mr. Mehul Shah - Director Superskino Equipments Pvt. Ltd. on the topic of Experience in use of Ceramic Molten Metal Filters in Aluminum Castings.

Speaker 5: Mr. Santosh Rangrej – Head Kagal Division, Menon & Menon Ltd. Kolhapur on the topic of Some experiences of using Filters and Benefits of Usage.

Speaker 6: Mr. Bollavarapu Rao – Dy. Manager, Improvement & projects Mahindra & Mahindra Ltd. Mumbai on the topic of Ceramic Molten Metal filters for Automotive Castings production.

Speaker 7: Mr. Kunal Gokhale – Ask Chemical on the topic of Foam Filters - Type and Specifications and Applications with some case studies.

The event was concluded with a vote of thanks given by Mr Ian Nazareth our GMC Secretary.



Monthly Activities – December 2023

Skill Development Webinar on Using Spectrometer

IIF Western Region along with IIF Pune Chapter conducted a one-day Online Webinar “Best Operating Practices for Spectrometer” on 26th December, 2023 by Mr. Deepak Sharma, COO-Metal Power Pvt. Ltd.

Mr. Prayut Bhamawat, WR Chairman, welcomed everyone and highlighted the importance of the workshop and how it might benefit any foundryman, ferrous or nonferrous.

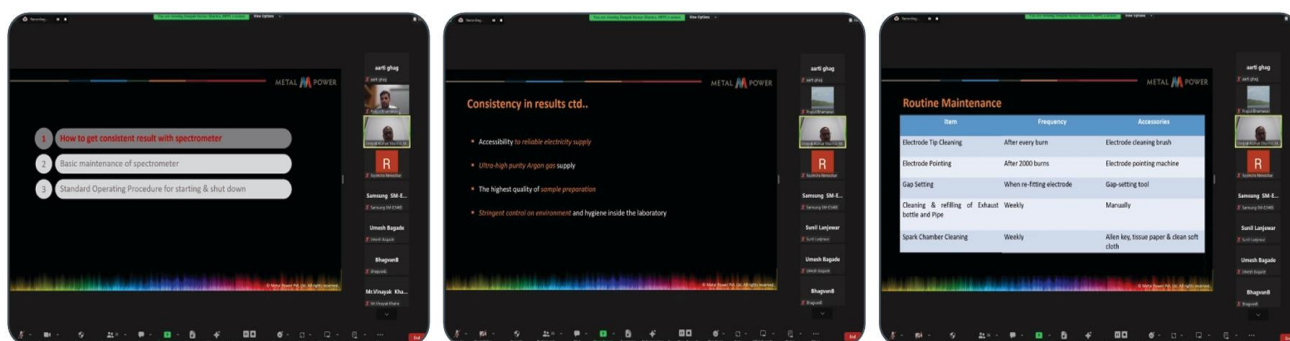
Mr R V Newadkar, Chairman of the Pune Chapter, introduced the speaker.

Mr Deepak Sharma spoke about the spectrometer on the following topics:

- How to Use a Spectrometer to Get Consistent Results
- Troubleshooting suggestions for basic spectrometer maintenance.

Mr Deepak Sharma addressed all of the concepts stated above in a very straight-forward manner. After his presentation, all participants asked questions/clarified their doubts. Mr Sharma answered all of the issues raised by the foundrymen in attendance. Q & A session lasted over 30 minutes.

Vote of Thanks was given by Hon. Secretary Mr. Dhananjay Paranjpe, Pune Chapter



Monthly Activities – January 2024

Council Members Family Get – Together

IIF Western Region Council Member Family Get – Together was organized with the support of IIF Nagpur chapter at Pench National Park, Nagpur on 18th January 2024.

The idea was to have a family event with members of family from different chapters creating strong bonding among them and get to know each other better. Around 40 members including the family members joined for the work visit which included night stay at the Pench National Park Resort, Jungle Safari and Morning Nature Walk. Members celebrated the birthdays and anniversaries held during that month as well.

It was a nice bonding time with family members of council members, and everyone enjoyed it thoroughly.



Monthly Activities – January 2024

Best Practices Seminar on Refractory Lining of Heat Treatment Furnace & Industrial visit

IIF Western Region & Nagpur Chapter jointly conducted Technical Seminar on “Best Operating Practices for Heat Treatment Furnaces” on 19th January, 2024 by Mr. Sarup Bhowmik, Sr. Mgr (PAAS) – Murugappa Group followed by industrial visit to Kapilansh Dhatu Udyog Pvt Ltd.

IIF WR chairman gave the welcome address and instilled the importance of such technical sessions focusing on increasing the awareness of best practices for the foundry industry.

Speaker, Mr. Sarup Bhowmik, highlighted the different types of Heat Treatment furnaces and their applications. He shared insights on the types of refractory linings that are used and difference it makes in the efficiency of the furnace.

Followed by the seminar, all the delegates joined for the industrial visit to Kapilansh Dhatu Udyog Pvt Ltd where they saw the sand casting as well as centrifugal casting process.



Monthly Activities – February 2024

Industrial Visit followed by Workshop on Export

IIF Western region jointly with IIF Vadodara Chapter organized an industrial visit to Metso Outotec which is 100% Export Oriented Unit followed by workshop on the “Best Practice for Export of Casting” on 23rd February 2024 at Hotel Grand Mercure, Vadodara.

Delegates started the industrial visit at 10:30 AM and gathered in the conference hall of Metso Outotec, Savli, Vadodara where the first brief introduction about the company and type of castings it manufactures was given. Followed by the introduction, delegates visited the company shop floor and observed the best practices used for the manufacturing of the steel casting. All the delegates had lunch at the company canteen.

After the industrial visit delegates joined for the workshop at Hotel Grand Mercure and around 80 participants joined the same. IIF Vadodara chapter chairman, Mr. Dhwanish Shah gave the welcome address followed by key-note address given by IIF WR Chairman Mr. Prayut Bhamawat stating about the purpose of the workshop. 3 topics were selected on trade practices for exports, financial management for exports and logistics for export. Speakers for the topics were (a) Basic Trade Practices for Export by Mr. Rajan Nair, Imm. Past Chairman – Exim Club (b) Managing Finance for Export by Mr. Alam, ICICI Bank (c) Understand the Logistics for Export by Mr. Krishna Shukla, CEO, Hind Global Exim

Event was concluded with the vote of thanks extended by Mr. Atin Jain, Hon. Secretary – IIF WR



Monthly Activities – March 2024

Best Practices Webinar on Heat Treatment of Castings

IIF Western Region & IIF Nagpur Chapter jointly organized an online webinar on “Best Operating Practices for Heat Treatment of Castings” on 13rd March, 2024 by Mr. B N Raghvendra, Proprietor RMS.

IIF WR Chairman, Mr. Prayut Bhamawat gave the welcome address and highlighted on the importance of the heat treatment process for the castings.

IIF Nagpur Chapter Chairman, Mr. Chandrasekhar Mankar introduced about the speaker and shared his years of experience in this field.

Speaker, Mr. B N Raghvendra, introduced various types of heat treatment process followed he explained about the 10 different best practices for the heat treatment of castings in detail with respect to the technical as well as managerial practices.

Event concluded with the vote of thanks delivered by Mr. Kumar Kisley, Hon. Secretary, IIF Nagpur Chapter

The screenshot displays a Zoom webinar interface. The main window shows a presentation slide titled "Best Operating Practices for Heat Treatment of Castings" by Raghavendra B N, with the RMS logo. A sidebar on the right lists participants: Raghavendra B N, Prayut Bhamawat, Chandrasekhar Mankar, Aarti Ghag, Mohit Kaklotar, Yatin Shah, Irfan Makki, and Shan. Below the main window, two smaller slides are visible. The left slide shows the "Iron Carbon Equilibrium Phase diagram" with cooling and quenching curves. The right slide shows a circular diagram of "Best Practices in Heat Treatment" including Material properties, Process Qualification, Data Analysis, Safety, Training and Evaluation, Future Design and Quality, Material Handling, Zero Furnace Breakdown, Temperature Uniformity, and Maximum uniformity or Zero Distortion.

Monthly Activities – March 2024

Inter – Regional Work Visit at IIF Southern Region – Chennai Chapter

IIF Western Region jointly with the support of IIF Southern Region & Chennai Chapter arranged an industrial visit in CHENNAI on 15th - 16th March 2024 to Madras Engineering Industries Pvt Ltd, Brakes India Pvt Ltd, Nelcast Limited, Baettr India Pvt Ltd.

25 delegates from 7 chapters of the Western Region joined with single motto of learning from the best. 1st visit started with Madras Engineering Industries Pvt Ltd where after the company presentation visited the plant. Delegates witnessed the best lean practices and kaizens on the shop floor.

2nd Visit was to Brakes India Pvt Ltd, Sholingur Plant, a benchmark green foundry with lots of plantation all around and preserving the natural environment. Entire facilities with multiple units were shown to delegates and they also introduced the green casting that they developed for one of the renowned automobile company.

In evening of 1st day of the visit, for the first time 2 regions jointly conducted the seminar as well. IIF Western region, jointly with IIF Southern region and with support from IIF Chennai chapter organized a seminar on “Market Trend and Opportunities in Foundry Industry” by Mr. V P Premkumar, Director – Nelcast. Delegates from the Western Region as well as from Chennai Chapter joined the seminar followed by felicitation of all the members and networking dinner.

On 2nd day visit started with Baettr India Pvt Ltd, one of the cleanest foundry with all the measures being taken to ensure it remains the same always. Also, delegates appreciated the company policy of giving utmost importance to health and safety to the workers as well as the visitors and various implementation done for the same.

The visit concluded with Nelcast – Ponneri plant where optimum utilization of space with mass production was witnessed. The layout for the entire manufacturing process was designed with respect to keeping minimum turnaround time.

Overall, it was a very fruitful visit with a good knowledge sharing opportunity. IIF Western Region delegates appreciated the visits as well as thanked the Southern Region and Chennai Chapter members and OBs for putting up so many efforts and extending splendid hospitality. It had been busy yet wonderful 2 days professional visits.



Monthly Activities – March 2024

Business Support Seminar on BIS Certification awareness

IIF Western Region jointly with IIF Rajkot Chapter and with support of IIF-FIC (Foundry Informatics Center), conducted an Awareness session on the BIS certification required for the applicable standards on 23rd March 2024, Saturday at Rajkot.

Event had a graced by Mr. Parijat Shukla – Head BIS Rajkot office, Mr. S K Pandey - Scientist D and Joint Director, Mr. Dinesh Gupta – Chairman Standard Advisory Committee IIF & Mr. Pradeep Mittal - Chairman FIC IIF.

IIF Rajkot Chapter Chairman, Mr. Dhirubhai Patel welcomed all the delegates and dignitaries.

IIF Western Region Chairman, Mr. Prayut Bhamawat delivered the keynote address and gave the brief description on the BIS certification applicable for various grades of castings and importance of this seminar.

Speaker, Mr. S K Pandey, then gave the presentation and spoke about the BIS organization, its role and then gave step by step procedure on the how to register for this certification based on the applicable standards and get your castings BIS Certified.

Followed by the presentation, a panel discussion session was started which was chaired by Mr. Dinesh Gupta and various queries as well as concerns raised by the attending foundrymen were addressed. Mr. Pradeep Mittal spoke about how FIC can assist and provide help on getting this certification. Event concluded with the vote of thanks extended by Mr. Bharat Davda – Hon. Secretary, IIF Rajkot Chapter



Monthly Activities – April 2024

CEO Meet

IIF Western Region jointly with IIF Indore chapter organized a CEO Meet at Hotel Sayaji, Indore during the 4th National Council Meeting (General Body Meeting), on April 12, 2024.

The event drew approximately 70 delegates, comprising National Council Members, Executives from Western Region foundries, as well as from foundry machine manufacturers and raw material suppliers.

Mr. Prayut Bhamawat, Chairman of IIF Western Region, extended a warm welcome in his opening address, while Mr. D S Chandrashekar, President of IIF, delivered the opening remarks. Mr. Bhamawat proceeded to present an insightful overview of the global foundry industry, focusing on the market dynamics of China and the USA, and provided a brief forecast until 2030 regarding the demand for ferrous and non-ferrous castings worldwide.

The floor was then opened to delegates and delegates were invited to discuss various pertinent topics. Mr. Navneet Agarwal, Vice-president of IIF, presented a comprehensive report on the overall foundry scenario in India. Subsequently, Mr. Pratik Patel, Managing Director - Jash Engineering Ltd, shared his insights on the present scenario of CI/SGI castings, while Mr. P S Bagga, Senior Foundryman, discussed upcoming trends in steel casting. Mr. Devendra Jain, Director - Porwal Auto Components Ltd and Past President of IIF, emphasized the importance of workforce training and retention strategies. Mr. Iyer Srinivasan, Managing Director of Elkem Southeast Asia, provided his perspective on raw material demand in foundries, whereas Mr. Ketan Vavaiya, Director – Plasma Induction India Ltd shed light on the demand for foundry machinery. Dr. Nithyanandan Devaraaj, Chairman of the Policy Advocacy Committee at IIF, concluded the discussions by elaborating on government support for foundries and outlined IIF's efforts to advocate for favorable policies for the foundry industry.

Mr. Praveen Sinha, Hon. Secretary – IIF Indore Chapter, extended vote of thanks, appreciating the efforts put by all in conducting the CEO Meet.



Monthly Activities – April 2024

Industrial Visit for the IIF National Council Members

On the last day of 4th National Council Meeting (General Body Meeting) on 13th April 2024, IIF Western Region with the support of IIF Indore Chapter arranged a work visit for the NC Members at Jash Engineering Ltd, after the meeting.

Mr. Sangram Patil, Chairman – IIF Indore Chapter, extended a warm welcome to all the members and then shown around entire facility including the manufacturing of thermocol patterns, various molding process and the precautions being taken for the large castings. They showcased the valve testing facilities and also machining facilities.

Members appreciated the visit and got to know about the various projects and various sectors Jash Engineering is involved in.



Monthly Activities – May 2024

Casting Buyer Seller Meet

IIF Western Region along with IIF Greater Mumbai Chapter organized a Casting Buyer Seller Meet on 3rd May 2024.

It was a full house session, had to close registration almost a week before. Around 80 delegates participated in total with 8 Buyers and 45 casting manufacturing companies registered for the same. There was also a separate booth for 8 Foundry Material suppliers that provided a dedicated platform to interact with the casting manufacturers.

The first half of the day was Buyer's presentation explaining their requirement for Castings, and second half was one to one meeting based on casting manufacturers' preference giving 10 mins slot to each manufacturer.

Session started with the welcome address by IIF GMC Chairman, Mr. Sudeep Shah followed by the keynote address given by IIF Western Region Chairman, Mr. Prayut Bhamawat giving highlights on the activities of IIF. Convenor Mrs. Ruma Rao then gave her speech explaining the purpose of the buyer seller meet. The event was concluded with a vote of thanks presented by Mr. Atin Jain, Hon. Secretary – IIF WR.

Overall received very positive feedback from the delegates.



Monthly Activities – May 2024

Skill Development Workshop - Yogyata Vikas Series

IIF Western Region jointly with support of IIF – CET (Centre for Education and Training) and trainer Mr. Anant Bam arranged 5 days skill development workshop from 8th May 2024 to 12th May 2024 covering 5 foundries M/s Nodule Cast - Vadodara, M/s JRN Foundry – Ahmedabad, M/s Gujarat Switchgear – Khambhat, M/s Sun Star Metal – Rajkot, M/s Pranston Metalloys Pvt Ltd – Ahmedabad.

Mr. Anant Bam conducted the workshop on "Best Melting Practices" and gave training to the workers handling the melting department on the shop floor. The feedback received was very good, Mr. Bam made them comfortable with very easy to understand language and examples because of which it was 2-way interaction entire session.



Monthly Activities – May 2024

Industrial Visit

IIF Western Region jointly with IIF Pune Chapter organized an Industrial Visit to Vulkan Technologies Pvt Ltd, Pune on 25th May 2024.

Session started with the introduction of all the 38 delegates joined for the visit and then representative from M/s Vulkan Technologies gave the presentation about the company and showcased various green technologies initiatives taken by the company with details on the investment and the returns from the same. All the initiatives were very much aligned with reducing the carbon footprint of the company and with ESG. Followed by the presentation, delegates visited the shop floor covering both the aluminum and steel casting foundry and machine shop. Representative from Vulkan also share their expansion plan while maintaining the environment too.

Delegates were really impressed by the work done by M/s Vulkan Technologies specially in the foundry sector and had a good take-away to be implemented in their own foundry.



IIF Western Region Chapter Activities

Sr. No	Date	Activity
AHMEDABAD CHAPTER		
1	12th August, 2023	National Foundry Day
2	23 rd September, 2023	Works Visit at Inductotherm (India) Pvt Ltd
3	23 rd September, 2023	Impact of adopting foundry best practices on Costing by Mr. M.K. Bhamawat. Implementation of Fire Safety in Foundries by Mr. Sanjay Pathak. Best Practices in the selection of raw material for Moulding Process by Mr. Narayan Dhanagar & Mr. Jigar Shah
4	04 th November, 2023	Seminar "Aluminium bronze casting techniques - defects & remedies by Mr. Anant Bam
5	04 th November, 2023	Seminar Specialized Induction Melting Furnace for Cu Base Alloys Seminar by Mr. Anant Bam & Mr. Ankit Patel.
6	24 th & 25 th November, 2023	WESCON 2023 - In the celebrating environment with total Western Region chapters hosted by Vadodara chapter, Ahmedabad chapter and Western region jointly.
7	17 th February, 2024	Problem Solving by Simulation Software autocast with Mr. Anant Bam
8	19 th March, 2024	Works Visit at D N Tech, Rajkot.
GREATER MUMBAI CHAPTER		
1	11 th August, 2023	National Foundry Day
2	04 th Sept., 2023	Work visit for the benefit of the delegates to two foundries Superkino Equipments Pvt. Ltd and M/s Kumud Metal Foundry, both of which are members of GMC as well.
3	11 th Sept. 2023	IIF – Greater Mumbai Chapter & Western Region jointly conducted Eklavya Project (Bringing Generations together) along with Shree L R Tiwari College of Engineering.
4	09 th Nov. 2023	Webinar Use of Simulation for new product development and cost Optimization by Mr. Anant Bam, Foundry Consultant
5	08 th Dec. 2023	IIF GMC along with Western region conducted a one day seminar on the topic of Clean Molten Metal for Quality Casting Production at hotel Sea Princes, Juhu
6	1 st March 2024	Entrepreneurship Awareness Program on schemes of Ministry of MSME
7	03 rd May 2024	IIF Western Region, in collaboration with the Greater Mumbai Chapter, hosted the Casting Buyer Seller Meet (B2B Meet 2024) exclusively for the benefit of MSME foundries at Hotel Orchid, Mumbai.
INDORE CHAPTER		
1	14 th July, 2023	Cost effective production of cast iron by Reducing metallurgical defects/challenges and having better metal treatment process. Speaker Mr. Swapan kumar Biswas- Technical Manager (South East Asia) M/s Elkem India at Surya Hotel, Indore

Sr. No	Date	Activity
INDORE CHAPTER		
2	14 th July, 2023	How to Check & Improve Your Metal Health Quality by Elkem Epic (Thermal Analysis). Mr. Balaguru Sendil (Technical Manager - India) M/s Elkem India
3	22 nd August, 2023	74 rd National Foundry Day (NFD) Celebration Indore Chapter has celebrated NFD on 22 nd Aug 2023 at Grand Machal Resorts & Clubs Pvt Ltd. Indore-Dhār Road, 14/1-3 NH 59, Machal, Indore (MP) which is almost 20 km away from Indore and a very beautiful location adventure park with natural beauty.
4	4 th November, 2023	Work Visit at M/s Dynomec Pumps Pvt. Ltd., M/s Indotech Industries Pvt. Ltd. Dewas, & M/s Mangla Enterprises Pvt. Ltd. Total 42 Members were visited.
5	4 th November, 2023	Technical Presentation on the different issues faced by Foundries due to Nodulisers and Inoculants and their remedies by Mr. Gaurav Agarwal – Technical Director, M/s Bansal Brothers, Bhilait Hotel Ramashray Paradise, Dewas
6	4 th November, 2023	New Technique of Spheroidization through cored wire Injection process Speaker Mr. Shivaji Dagare Manager Marketing & Technical Service Bansal Brothers, Indore, at Hotel Ramashray Paradise, Dewas
7	29 th November, 2023	Western Region & Indore Chapter jointly conducted a seminar on "Best Foundry Practices and Products selection for Furnace and Ladle" by Mr. Hemang Shah – Territory Manager Sales M/s Allied Refractory Products, India Pvt. Ltd. at Hotel President, Indore
8	23 rd January, 2024	Importance of Input Ingredients & In Process of Green Sand and Defect Analysis for Grey & Ductile Iron Foundry Speaker Mr. K.P. Surampalli – Vice President Technical, Bhartiya Group, Nagpur
9	13 rd March, 2024	41 th Chapter Day Celebration IIF Indore Chapter organized "Mind & Stress Management", which is daily affecting our lives by Mr. Sunil Jain, Senior Art of Living Teacher at Hotel South Avenue, Indore
10	13 rd April, 2024	M/s Porwal Auto Component Pvt. Ltd. & M/s Jash Engineering Ltd., Indore. Total 20 National Council Members were visited
11	12 th May, 2024	Western Region & Indore Chapter jointly CEO Meet organized CEO Meet during the National Council Meeting at Sayaji Hotel Indore on 12 th May 2024
KOLHAPUR CHAPTER		
1	4 th July, 2023	Kolhapur Chapter organized a Series on 'Problem Solving Techniques & Defect Analysis' 1 st Session of a Technical Workshop by Mr. Sandeep Kulkarni, General Manager, Aditi Industries, Ambap, Kolhapur. Attended by 125 delegates.
2	26 th July, 2023	IIF Kolhapur Chapter jointly with IEA & SLIMA organized a Workshop on 'Time Management Skills for High Effectiveness' by Mr. Akhil Baheti, Time Management Coach. It was well attended by 85 delegates
3	30 th July, 2023	Kolhapur Chapter organized a Tech. Workshop on 'Practical Methodology to Improve Efficiency in Foundry' by Mr. V. Srinivasa Reddy, Executive Director, Synergy Green Industries Pvt. Ltd. Kagal. Attended by 110 delegates.

Sr. No	Date	Activity
KOLHAPUR CHAPTER		
4	12 th August, 2023	A Series on 'Casting Defect Analysis : Causes & Remedies' organized 2nd Session of a Technical Workshop on Defect Analysis (Shrinkage , Cold & Cracks) by Mr. Sandeep Kulkarni, General Manager, Aditi Industries, Ambap, Kolhapur.
5	22 th August, 2023	Kolhapur Chapter celebrated National Foundry Day with great enthusiasm. On this occasion Chapter invited Mr. Prafulla Wankhede a well known Industrialist, Founder & Chairman of Kelvin, Liquigas & five other companies that operate in 18 countries, besides India & author of Best Seller Book 'Gosht Paishyapanyachi' - Master your Finance.
6	09 th September, 2023	A Series of Finance Seminar a Series of 2 sessions of this Half Day Finance Workshop by Mr. Jaykumar Parikh, Chairman & MD, Siddharth Group of Industries, Kolhapur, 1st Session of this Series was held on 13th April 2023. 2nd Session of this Series was organized on 9th Sept. 2023 at Hotel Ayodhya. This session was well attended by 90 delegates.
7	07 th October, 2023	, IIF Kolhapur Chapter organised this Half day Seminar on 'Elevating Success with Green: Embracing the ESG Revolution' on 7th Oct. 2023 at Hotel Ayodhya, Kolhapur. During this Seminar there were 2 technical presentations on ESG by Mr. Chetankumar Sangole, Head, Sustainability Desk, MCCA, Pune & 2. Mr. Arupendra Nath Mullick, Vice President, TERI Council for Business, Sustainability, New Delhi & 3 case studies by Mahindra & Mahindra Ltd., Mumbai, Taural India, Pune & Menon & Menon Ltd. Kolhapur. This Seminar was well attended & appreciated by 95 delegates
8	8th October, 2023	Team of 15 Council members of Chennai Chapter visited Kolhapur & the visiting members have expressed a keen interest in arranging a joint Works Visit of two foundries in Kolhapur. The purpose of this visit is to gain insights into best industrial practices and to familiarize themselves with the modern technologies adopted by foundries in Kolhapur. Kolhapur Chapter arranged 2 visits for them Menon & Menon Ltd., & Synergy Green Ltd. plant at Kagal.
9	13 rd October, 2023	One Day Workshop by IIF Kolhapur Chapter, CII & BEE on 'Detailed analysis & Assessment on Energy Efficiency in MSMEs in Foundry Sector in India'. Chief Guest of this Seminar was Mr. Milind Deore, Secretary, Bureau of Energy Efficiency (BEE). During this Seminar Seven presentations were made by various speakers focused on Energy Efficiency & innovative technologies available globally for the ferrous foundry sector. This one day seminar was attended by 70 delegates.
10	26 th October, 2023	IIF Kolhapur Chapter jointly with IEA & SLIMA organized a Workshop on 'Empowering Business through Employee - Employer relationship & Industry 4.0' by Mr. B.P. Poddar & Mrs. Neena Patwardhavan, Strategic Management Consultants, Coach & Mentors. The Workshop was well attended by 55 delegates.

Sr. No	Date	Activity
KOLHAPUR CHAPTER		
11	27 th October, 2023	A Technical Seminar by IIF Kolhapur Chapter & S P Engineers, Ichalkaranji on ' Saving Energy- one step towards maximum overall efficiency' . The Workshop was well attended & appreciated by 115 delegates.
12	6 th December, 2023	Celebrated its 47th foundation day with great enthusiasm. Large number of members & their spouse of IIF Kolhapur Chapter participated in this celebration. On this occasion Chapter felicitated Speakers who have taken their valuable time for sharing informative knowledge to our members during our various Workshops. This year we have arranged a delightful musical program of Hindi Songs 'Man Chahe Geet' by well-known Singer Mr. Manish Aapte & his team from Ichalkaranji.
13	24 th December, 2023	A Series on 'Casting Defect Analysis : Causes & Remedies Chapter organized 3rd Session of a Technical Workshop on Defect Analysis (Hard spot, Poor Machinability) by Mr. Sandeep Kulkarni, General Manager, Aditi Industries, Ambap, Kolhapur. Attended by 145 delegates.
14	30 th December, 2023	Technical Workshop on 'The Chemistry of Change : Role of advanced Bentonite activation in Green Sand Foundries' by Mr. Vijay Gurunath, Managing Director, Refcoat Chemicals Pvt. Ltd., Bangalore. The Workshop was well attended by 110 delegates.
15	16 th January, 2023	IIF Kolhapur Chapter jointly with SMAK organized a Workshop on 'Behaviour Based Safety' by Mr. Gopal Padalkar, Safety Manager, Kirloskar Oil Engine, Kagal. The Workshop was well attended by 130 delegates.
16	23 rd January, 2023	IIF Kolhapur Chapter alongwith Mahratta Chamber of Commerce, Industries & Agriculture (MCCIA), Pune, and The Energy and Resources Institute (TERI), New Delhi are organized a Roundtable meeting to elaborate on the Economic and Financial Aspects of Low-Carbon.
17	28 th January, 2023	IIF Kolhapur Chapter & GARGI HA jointly organized a Technical Seminar on Modern Cold box & Feeding Systems by Mr. Markus Schabrucker, Director, Global Product & Application Management HA Chemische Werke GmbH Germany & Mr. Jeorg Grassl - Global Product Manager for Feeder Chemex Foundry Solutions - HA Group. The Seminar was well attended by 160 record numbers of delegates.
18	15 th February, 2024	IIF Kolhapur Chapter , SMAK, IEA & MAKH jointly organized a informative Workshop on 'Keep your Business Shockproof from various Tax Invoices' by CA Chetan Oswal, Founder of Chetan Oswal Associates, Kolhapur on 15th Feb. 2024 at SMAK Hall, Shirol MIDC, Kolhapur. The Workshop was well attended by 125 delegates.
19	27 th February, 2024	IIF Kolhapur Chapter organized 4th Session of a Technical Workshop on Defect Analysis (Sand, Blow Hole, Sand Fusion & Scab) by Mr. Sandeep Kulkarni, General Manager, Aditi Industries, Ambap, Kolhapur. Attended by 135 delegates.

Sr. No	Date	Activity
KOLHAPUR CHAPTER		
20	7 th & 8 th February, 2024	IIF Coimbatore Chapter's 21 members visited Kolhapur for joint Kolhapur Works Visit & joint Council meeting. On 1st day the members visited 3 foundries in Kagal Five star MIDC area Parikh Metacast, Kasturi Foundry & Menon & Menon Ltd. & in evening a joint council meeting with IIF Kolhapur Chapter. Next day 2 Works Visit at Miraj, Suyesh Castings Unit - 1 & Unit - 2 & last visit of Aditi Industries, Ambap.
21	7 th April 2024	IIF Kolhapur Chapter & Ichalkaranji jointly organized a Workshop on 'Success Habits' by Mr. Soham Tiwade, Author, Corporate & a Lecturer in English and Soft Skills Trainer at Sanjay Ghodawat Institutes, Kolhapur. The Workshop was attended by 55 delegates.
22	18 th April 2024	IIF Kolhapur Chapter jointly with SMAK organized 2nd Session of Safety Workshop Series on 'Workplace Fire Safety & Presentation' by Mr. Gopal Padalkar, Safety Head, Kirloskar Oil Engine, Kagal.
NAGPUR CHAPTER		
1	18 th August, 2023	74 th NFD Celebration & Book re-launch by Dr. D. P. Kothari
2	29 th & 30 th October, 2023	Works visit at Region outside Chapter territory Visit to Rajkot chapter foundries and technical and commercial discussion with all foundry owners from the region.
3	6 th December, 2023	Understanding the Indian Factories Act for Foundry Industry by Mr. Dnyanesh Mase, Director, MD Safety Consultants Pvt Ltd.
4	13 rd January 2024	Best Operating Practises for Heat Treatment of Castings by Mr B N Raghvendra RMS Metallurgical Solutions
5	18 th January, 2024	IIF-WR Office Bearers Council Meeting and get together of WR all chapters at pench forest reserve.
6	19 th January, 2024	Works Visit at Kapilansh Dhatu Udyog Pvt Ltd, Technical Seminar on "Best Operating Practices for Heat Mr. Sarup Bhowmik, Sr. Mgr (PAAS) – Murugappa group
7	09 th April 2024	How To Register and Get Your Castings BIS Certified by Mr Sandesh Gokhanwar deputy director BIS Nagpur branch
PUNE CHAPTER		
1	31 st July, 2023	Technical Meeting on "How Do You Make Your Foundry More Profitable in Absence of CFO"
2	19 th August, 2023	74th National Foundry Day
3	3 rd , 10 th & 17 th October, 2023	Training Program was conducted in Government Polytechnic Pune by IIF Pune Chapter for final year students on Melting furnaces on three consecutive by by Mr. Dhananjay Paranjpe.
4	20 th October, 2023	FCON PUNE 2023 Theme: Green & Digital Technology for Sustainable Growth
5	8 th December 2023	Technical Meeting by Mr. Sasant Raste. he explained his journey started after acquiring his diploma's in electrical & mechanical engineering during seventies.
6	15 th December, 2023	Chapter Day Celebration
7	26 th December, 2023	Western Region & Pune Chapter jointky organised a Technical Webinar on " Best Operating Practices for Spectrometer" by Mr.Deepak Sharma.

Sr. No	Date	Activity
PUNE CHAPTER		
8	09th January, 2024	Technical talk session on 'Heat Treatments on Steel & Al-Cu Alloy' on 9th Jan, 24. Speaker for the event was Mr. D. D. Limaye (B.E. COEP, M. Tech IIT BOMBAY)
9	9th February, 2024	Technical Webinar on "Prevention of Sudden Collapse for Foundrymen by the eminent physiotherapist Dr. Asawari Page
10	5th March, 2024	Works Visit: Ascent Castings Technologies, Phaltan. Works Visit was received by owner of the Company Mr. Kalyan Bobade and his operating team.
11	7th March, 2024	Technical Meeting on "Xplate technology for Energy Savings and Pollution Control" by speaker Mr. Vikrant Patil of Solpower India Pvt. Ltd., Bombay and the Facilitator Mr. Milind Sapre.
12	14th March, 2024	Orientation Workshop on "TIFAC MSME Programme" by Mr. Sanjiwan Bhoite, Dr. Narendra Deore, Dr. Sanjay Matekar
13	4th April, 2024	Technical meeting on "Opportunities for Foundrymen through Industry – Institute Interaction". This was the case study of a possible project by the PCCOE and the IIF Pune Chapter for mutual benefits.
RAJKOT CHAPTER		
1	26th July, 2023	Foundry Visit: Munjal Kiriu Industries Pvt Ltd; Inductotherm (India) Pvt Ltd
2	19th August, 2023	National Foundry Celebration
3	16th September, 2023	Technical Talk on "New generation Coating Solution - Foundry" by Mr. Vijay Desai, Sr. Manager Application – Coatings, Foseco
4	06th January, 2024	Family Business Management by Mr. Hitesh Shukla
5	23rd March, 2024	IIF- Western Region jointly with IIF Rajkot Chapter conducted a Awareness session on the BIS certification required for the applicable standards on 23rd March 2024, Saturday at Rajkot by Speaker Mr. S K Pandey, Scientist D and Joint Director BIS Panellists Mr. Dinesh Gupta Chairman, Standard Advisory Committee IIF & Mr. Pradeep Mittal Chairman FIC IIF. Mr. S K Biswas & Mr. Balagurusendil.
VADODARA CHAPTER		
1	17th June, 2023	Technical Meeting on "Work-Life Balance and Happiness"
2	29th July, 2023	Technical webinar on "Defect Identification & Remedies in CI / SG Castings" by renowned expert Mr Jayant Patankar
3	25th August 2023	Online Webinar: - Digitalization Implementers Guests by collecting views of users Mr. Bhushan Bhatt – Director of Vezapp Solutions LLP, Mr. Manish Kothari – Director of Rhino Machines Pvt. Ltd. They have given good insights on the digital, digitization and digital transformation. And given the way for the necessity of the implementation.
4	19th August, 2023	National Foundry Day Celebration
5	17th September, 2023	One day Workshop on "Recent Foundry Practices and its awareness by the IIF association at Surat Student Chapter. *Different Foundry Processes and its application – By Mr. Kush *How to make mould and things to be taken care in mould making – By Mr. Prayut Bhamawat, Introduction of IIF – By Mr. Prayas Vyas *Melting of Metal Live demo along with mould making and Pouring – By Mr. Prayut, Mr. Prayas and Mr. Dhwanish.

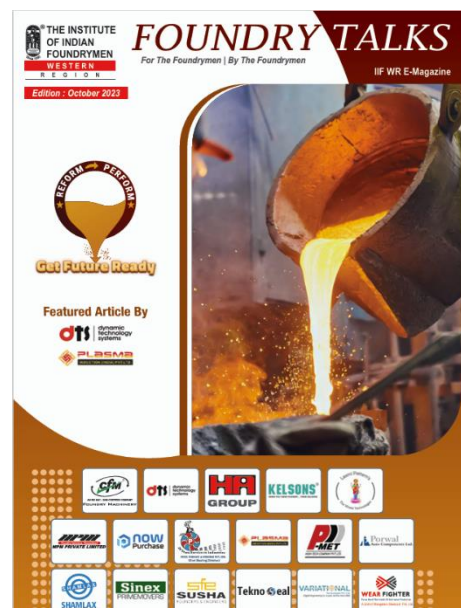
Sr. No	Date	Activity
VADODARA CHAPTER		
6	24 th & 25 th November 2023	WESCON 2023 - In the celebrating environment with total Western Region chapters hosted by Vadodara chapter, Ahmedabad chapter and Western region jointly.
7	23 rd February , 2024	Western Region & IIF Vadodara Chapter Jointly conducted Work Visit to METSO OUTOTEC
8	18 th March, 2024	Works Visit by Members & Students: Suryadeep Alloys; Ritul Engineering; Met Test Laboratories, Rhino Engineering
9	27 th April, 2024	Innovative solutions for refractory coatings to optimize cost and productivity Best practices on Lining in the melting furnace were discussed upon with the refractory experts Allied Refractory
10	08 th May, 2024	Nodule Cast – Nodule Cast had arranged for the Yogyata vikas training program within their plant. The expert selected was Mr. Anant Bam and the topic selected for the same was “Melting Practice of Grey Iron by Induction Furnace”. In depth training and workshop with practical workshop guidance was given by Mr Anant bam to the entire production team of nodule cast. The workshop training was a huge benefit to the employees and many eye openers were highlighted during the event.
11	10 th May, 2024	Gujarat Switch Gear Manufacturing Company – Headed by Mr. Nilesh Shah & Paresh Shah had arranged Yogyata vikas training program within their plant. The expert selected was Mr Anant Bam and the topic selected for the same was “Melting Practice of Grey Iron by Induction Furnace”. In depth training and workshop with practical workshop guidance was given by Mr Anant bam to the entire production team of Gujarat Switchgear Manufacturing company.

Other Activities

IIF Western Region Magazine “Foundry Talks”:

Every month IIF Western Region releases the E-Magazine "Foundry Talks" which covers helpful and easy to understand topics for the foundrymen. This year under the theme of "Reform - Perform - Get Future Ready", magazine has covered best practices in various foundry process and keeping one issue focusing on the one particular process. Total 9 such issues were released from August 2023 to May 2024 and listed out below:

1. Best Practices in Pattern Making
2. Best Practices in Refractory Lining
3. Best Practices in Moulding
4. Best Practices in Melting
5. Best Practices in Fettling
6. Best Practices in Heat Treatment
7. Best Practices in Inspection Processes
8. Best Practices in Documentation
9. Best Practices in Foundry Management



Daily Pour:

IIF Western Region releases Daily Pour with latest news related to the foundry industry and some social as well as well being messages. So far about 3484 issues have been completed and circulated about more than 1500 members. It also includes the news about the ongoing activities in the western region.



Support for ZED Certification:

IIF Western Region supported the IIF Foundry members in getting the ZED Certification by arranging a common consultant having foundry know-how. Around 30 members got their ZED certificate with some Bronze and few Silver Certificate.



Membership Strength

From the date 1st April 2023 having membership strength of 870 it has grown to as on **31st March 2024 to 998**, giving growth in the year 2023-24 of about **14.71%**. Below are the data for the review:

CHAPTER	Total Membership as on 01 - 04 - 23	MEMBERSHIP									Total Membership as on 31 - 03 - 24	Growth in number in %	Growth as per the weightage in %
		LM (Life Member)	AM (Associate Member)	IND M-2 (Industry Member)	IND M-4 (Industry Member)	IND M-7 (Industry Member)	IND M-10 (Industry Member)	IND M-13 (Industry Member)	IND M-16 (Industry Member)	M (Ind. Member)	FEL (Fellow Member)		
Ahmedabad	105	27	1	13	7	5	5	2	9	45	4	118	12.38%
	304	27	1	26	28	35	50	26	144	45	4	386	26.97%
Gr.Mumbai	144	15	2	20	19	5	14	4	7	59	4	149	3.47%
	521	15	2	40	76	35	140	52	112	59	4	535	2.68%
Indore	65	8	0	11	4	1	2	1	2	48	0	77	18.46%
	140	8	0	22	16	7	20	13	32	48	0	166	18.57%
Kolhapur	147	5	0	15	12	5	4	2	6	134	2	185	25.85%
	334	5	0	30	48	35	40	26	96	134	2	416	24.55%
Nagpur	50	19	0	8	3	3	2	3	6	10	0	54	8.00%
	176	19	0	16	12	21	20	39	96	10	0	233	32.38%
Pune	115	16	2	8	13	9	6	2	9	53	2	120	4.34%
	421	16	2	16	52	63	60	26	144	53	2	434	3.08%
Rajkot	122	40	2	41	10	8	4	1	0	20	0	126	3.27%
	266	40	2	82	40	56	40	13	0	20	0	293	10.15%
Vadodara	115	68	0	10	10	2	5	4	2	17	1	119	3.47%
	226	68	0	20	40	14	50	52	32	17	1	294	30.08%



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