



**THE INSTITUTE  
OF INDIAN  
FOUNDRYMEN**

**PUNE**

**C H A P T E R**

# **Annual Activity Report 2023 - 2024**



**The Institute of Indian Foundrymen  
Affiliated Member of World Foundrymen Organization  
(Founded 1950)  
WESTERN REGION PUNE CHAPTER**









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## **Office Bearers and Council Members - 2023-2024**

### **OFFICE BEARERS:**

Chairman	:	Mr. R. V. Newadkar
Vice Chairman	:	Mr. R. D. Dhumal
Hon. Secretary	:	Mr. Dhananjay Paranjpe
Hon. Treasurer	:	Mr. Shirish Pingale

### **MEMBERS OF THE COUNCIL – (2023-24)**

#### **Elected Members –**

##### **Company - Foundry**

1. Mr. Prashant Joshi - Tata Motors
2. Mr. Sanjay Saraf - Neosym Industry Ltd.
3. Mr. Kalyan Dasharath Bobade - Ascent Castings Technologies
4. Ms. Manasi Hemant Kulkarni - Sahayog Founders & Engineers
5. Mr. Sudhakar David - Smart Foundry Pvt Ltd

##### **Company – Others**

1. Mr. Shirish Pingale - Avico Exim Pvt. Ltd.
2. Mr. Suhas Bhorkar - Metal Impregnations India Pvt. Ltd.
3. Mr. Sanjiwan Krishna Bhoite - Pimpri Chinchwad College of Engineering
4. Dr. Shrikant Bhagwant Joshi - V. P. S. College of Engg. & Technology

##### **Individual**

1. Mr. Rajendra Vishnu Newadkar
2. Mr. Ramchandra Dinkar Dhumal
3. Prof. R. K. Ambegaokar

##### **Ex-Officio Member (Past Chairman / Chairperson)**

1. Mr. Kshirsagar S. A.
2. Mr. Apshankar R. V.
3. Mr. Sanjay Waghulde

**(All Past Chairmen are Invitees to the Council.)**



Ref. No.: IIF/PC/22/7196

Date: 25<sup>th</sup> April, 2024

**To Members**

**The Institute of Indian Foundrymen – Pune Chapter**

**Notice for Pune Chapter Annual Chapter Meeting 2023-2024**

The 10<sup>th</sup> Annual Chapter Meeting of The Pune Chapter of The Institute of Indian Foundrymen for 2023-2024 will be held on:

Date : **Thursday, 9<sup>th</sup> May, 2024**  
Time : **7.00 PM**  
Venue : **Hall No.A-2, PYC Hindu Gymkhana Club, Bhandarkar Road,  
Deccan Gymkhana, Pune - 411004 (Ph.25664747 / 25663006)**

**Agenda:**

1. Welcome by Chairman.
2. To confirm & approve the minutes of the last ACM held on 20<sup>th</sup> May, 2023
3. Briefing by Hon. Secretary & adopting the Annual Report for the year 2023-2024.
4. Briefing by Hon. Treasurer & adopting the Annual Receipts & Payments Accounts and Trial Balance for the year 2023-2024.
5. To declare and present Chapter Awards (if any). Appreciation of Committee chairman.
6. Welcome to the new members of the chapter & their introduction.
7. Adopting the election results of office bearers for 2024-2026. Welcoming new office bearers & their introduction.
8. Farewell address by outgoing Chairman.
9. Handing over the charge and address by the Incoming Chairman.
10. Any other business with the permission of the chair.
11. Vote of thanks by Incoming Hon. Secretary.

All are cordially invited along with spouse to attend the celebration followed by a healthy dinner.

**No registration required, however RSVP for your participation is mandatory.**

Please contact: 9403871063, 020 - 25422902, email: [pune@indianfoundry.org](mailto:pune@indianfoundry.org) before 6:00 pm on **Tuesday, 7th May, 2024 at IIF Pune Chapter office** by phone or by e-mail. Please cooperate.

Thanking you,

Sincerely Yours,  
For IIF Pune Chapter

Dhananjay Paranjpe  
Hon. Secretary



# *From The Chairman's Desk*

Dear Members,

I am pleased to greet you all on the occasion of the 2023-24 annual chapter meeting.

This day allows us to reflect on our accomplishments over the last year and assess what remains to be done.

The previous year was a little interesting for the Pune Chapter. Last year, FCON was held on October 20, 2023. The event was a huge success thanks to the convener, Mr. R. D. Dhumal. The industry was well represented at the event.

We held one Training Program – Topic: Melting Furnaces on 3<sup>rd</sup>, 10<sup>th</sup> & 17<sup>th</sup> October 2023 in Government Polytechnic Pune

On March 5<sup>th</sup>, 2024, the chapter held one industrial visit in the Pune area. M/s. Ascent Castings Technologies, MIDC Surwadi, Tal, Phaltan, Pune

On 14<sup>th</sup> March, 2024, Pune Chapter organized ORIENTATION WORKSHOP of TIFAC MSME Programme

As you are all aware, the Pune chapter celebrated National Foundry Day on August 19, 2023, and Chapter Foundation Day on December 15, 2023. Both of these events were well attended in person by members.

During the year, Six technical lectures called "TechTalks" were held and were covered by notable speakers.

1. On 31<sup>st</sup> July, 2023, the Technical Meeting was held at Pune Chapter office, Pune.  
(Sub: How do you make your foundry more profitable in the absence of CFO !)
2. On Friday, 8<sup>th</sup> December, 2023, the Technical Meeting was held at Pune Chapter office, Pune.  
(Sub: Innovations While Running a Small Jobbing Non-Ferrous Foundry)
3. On 9<sup>th</sup> January, 2024, the Technical Meeting was held at PCCOE, Pune.  
(Sub: Heat Treatment of steels and Al-Cu alloys and relevant technical details)
4. On 9<sup>th</sup> February, 2024, the Technical Meeting was held at Pune Chapter office, Pune.  
(Sub: Prevention of sudden collapse for Foundrymen at work)
5. On 7<sup>th</sup> March, 2024, the Technical Meeting was held at Pune Chapter office, Pune.  
(Sub: XPlate technology for energy saving & Pollution control)
6. On 4<sup>th</sup> April, 2024, the Technical Meeting was held at Pune Chapter office, Pune.  
(Sub: Opportunities for Foundrymen through Industry – Institute Interaction)

I also invite you to engage in the chapter's activities in order to make the association more relevant. I request that you encourage other members of the Foundry fraternity to join the IIF.

I'd like to take this opportunity to thank all of my fellow Council Members, office staff including Ms. Sujata Majgaokar, Ms. Meena Sawant, and Ms. Komal Shinde, members of the Western Region Council and the National Council, NCTS Pune, and, most importantly, all of you, for your unwavering support and encouragement for our Chapter this year.

Thanking you & with best regards,

Yours faithfully,  
For The Institute of Indian Foundrymen, Pune Chapter

Rajendra Newadkar  
Chairman



Ref. No.: IIF/PC/22/7032

Date: 25<sup>th</sup> May, 2023

**MINUTES OF ANNUAL CHAPTER MEETING OF PUNE CHAPTER**

HELD ON 20<sup>th</sup> May, 2023

AT PYC Hindu Gymkhana, Hall A -2,  
Shivajinagar, Pune 4

The meeting started at 7 pm. Hon. Secretary Mr. Dhananjay Paranjpe welcomed all present members and invited Chairman Mr. R. V. Newadkar, Vice Chairman Mr. R. D. Dhumal and Hon. Treasurer Mr. Shirish Pingale to come on dais.

He then invited the Chairman, Mr. R. V. Newadkar to give his welcome speech & speak about the year 2022-23 under his Chairmanship.

Chairman Mr. R. V. Newadkar welcomed the present members and expressed his thoughts.

1. Mr. Dhananjay Paranjpe presented the Minutes of the last Annual Chapter Meeting held at PYC Hindu Gymkhana on 29<sup>th</sup> June, 2022. The minutes were unanimously approved.  
Proposed by : Mr. S. A. Kshirsagar  
Seconded by : Mr. D. W. Bhadkamkar
2. Mr. Dhananjay Paranjpe presented the Annual Activity report 2022-23 for the approval and the same was approved unanimously.  
Proposed by : Mr. R. D. Dhumal  
Seconded by : Mr. Shyam Kulkarni
3. Hon. Treasurer Mr. Shirish Pingale presented the receipt and payment statement for the year 2022 – 23 for approval and the same was unanimously approved.  
Proposed By : Prof. R. K. Ambegaonkar  
Seconded By : Mr. Anant Bam
4. Mr. R. V. Newadkar informed the members about the resolution passed in the 15<sup>th</sup> Council meeting that the existing office bearers would continue for the next term (2023-24).
5. Hon. Secretary Mr. Dhananjay Paranjpe announced the names of new members joined during the year and all were felicitated by Chairman Mr. R. V. Newadkar offers a Rose flower.
6. Hon. Secretary Mr. Dhananjay Paranjpe announced the names of the Chairman of various committees of the chapter and they were felicitated at the hands of Chairman Mr. R. V. Newadkar.
7. There was a special felicitation at the hands of Chairman Mr. R. V. Newadkar to our members, details are as mentioned below-  
**A. Felicitation to Aakar Foundry:**  
M/s Aakar Foundry received "Best Quality Performance Award" from Kirloskar Oil Engine Ltd (KOEL) in a Supplier Conference at Pune.

**B. Felicitation of Kishor Pumps:**

M/s Kishor Pumps received the prestigious in-house R&D recognition certificate from the Department of Scientific and Industrial Research under the Ministry of Science and Technology for their innovation & Research capabilities.

8. Chairman Mr. R. V. Newadkar felicitated to Mrs. Sujata, Mrs. Meena and Mrs. Komal for their unrelented support throughout the year.
9. Mr. R. V. Newadkar presented and spoke about his plans for the year 2023 – 24
10. Hon. Secretary Mr. Dhananjay Paranjpe proposed a vote of thanks and invited everyone to join for dinner.

Following members & Invitees were present for the Annual Chapter Meeting.

1	Mr. Dhananjay Paranjpe	13	Mr. R. D. Chavan
2	Prof. R. K. Ambegaonkar	14	Mr. Bhingare
3	Mr. R. V. Newadkar	15	Mr. Jitendra Parekh, Aakar Foundry
4	Mr. Suhas Bhingare	16	Mr. Sandip Khot, Aakar Foundry
5	Mr. R. D. Dhumal	17	Mr. S. A. Kshirsagar
6	Mr. Digvijay Dhumal	18	Mr. Vishwas Kale
7	Mr. Kalyan Bobade	19	Mr. Shyam Kulkarni
8	Mr. Deepak Bhadkamkar	20	Mr. Subhash Watve
9	Mr. Rajesh Aggarwal	21	Mr. V. D. Gupte
10	Mr. Anant Bam	22	Mr. Manish Badoniya
11	Mr. Sanjay Munfan	23	Mr. Deokamble
12	Mr. Shirish Pingale		

1	Mrs. Sunita Paranjpe	5	Mrs. Badoniya
2	Mrs. Sangeeta Newadkar	6	Mrs. Deokamble
3	Mrs. Vrunda Bam	7	Mrs. Sujata
4	Mrs. Pallavi Kshirsagar	8	Mrs. Komal

For IIF Pune Chapter

Dhananjay Paranjpe  
Hon. Secretary



## **ACTIVITY REPORT FOR THE YEAR 2023 – 2024**

### **HIGHLIGHTS**

### **BRIEF REPORT OF ACTIVITIES CONDUCTED DURING THE YEAR**

#### **July 2023**

- Technical Meeting – Monday, 31<sup>st</sup> July, 2023  
Speaker: C. A. Dhanashree Utturkar, Founder, Finoxa Labs

#### **August 2023**

- National Foundry Day - 19<sup>th</sup> August, 2023  
“Bhavtarang” a stage show of songs: Mrs. Vrunda Bam along with her daughter Poorva.

#### **October 2023**

- Training Program – Tuesdays 3<sup>rd</sup>, 10<sup>th</sup> & 17<sup>th</sup> October 2023  
Speaker: Mrs. Kadam      Event Topic : Melting Furnaces
- One Day Conference FCON PUNE 2023 - 20<sup>th</sup> October 2023.
- Khande Navami Pooja on 23<sup>rd</sup> October 2023

#### **December 2023**

- Technical Meeting – Friday, 8<sup>th</sup> December, 2023  
Speaker: Mr. Vasant Raste
- Chapter organized the **Chapter Foundation Day** on the **15<sup>th</sup> Dec., 2023**  
Attendance = 32
- Webinar - Tuesday, 26<sup>th</sup> December, 2023  
Online Workshop No 2 (Skill Enhancement)





## **January 2024**

- Technical Meeting – Tuesday, 9th January, 2024  
Speaker: Mr. D. D. Limaye a very senior foundryman from Pune Chapter
- Mr. R. V. Newadkar - Attended 4th IIF - WR council meeting at Nagpur

## **February 2024**

- Technical Meeting – Friday, 9<sup>th</sup> February, 2024  
Speaker: Dr. Asawari Page, Dr. Prajakta Sahasrabudhe

## **March 2024**

- Work Visit - Tuesday, 5th March, 2024  
M/s. Ascent Castings Technologies, Phaltan
- Technical Meeting – Thursday, 7<sup>th</sup> March, 2024  
Speaker: Mr. Vikrant Patil
- ORIENTATION WORKSHOP of TIFAC MSME Programme on 14<sup>th</sup> March 2024



# **Details of Activities Conducted During the Year** **2023-2024**

## **A. NATIONAL FOUNDRY DAY**

74<sup>th</sup> National Foundry Day was celebrated with the great enthusiasm on Saturday, 19<sup>th</sup> August 2023 at PYC Gymkhana Hall, Pune.

Over 40 family members of our chapter gathered in the evening to celebrate achievements of our outstanding children, those completing 25 years of their membership and enjoy entertainment program by our own members followed by dinner.

Chairman Rajendra Newadkar welcomed everyone and felicitated Pranav Bam and Suhani Badoniya who cracked their 10<sup>th</sup> examination in top ten merit. Both the celebrity had talk show with Prof. Ambegaonkar about their efforts and extra-curricular activities. Short film on wildlife produced by Pranav was screened and Suhani expressed her gratitude's towards all making contributions to her success.

Rushas Engineering Co. Ltd and Vardhaman Industries received the trophies from IIF on their completion of 25 years of membership.

Members enjoyed "Bhavtarang" a stage show of songs that was volunteered by Mrs. Vrunda Bam along with her daughter Poorva with music by Mr. Pradeep Nargund and compered by Mrs. Swati Joshi.

It was decided that on this day hidden talent of our own members be brought forward.

The celebration ended with dinner.

## Photos:



## B. CHAPTER FOUNDATION DAY CELEBRATION

“Chapter Foundation Day” event on 15<sup>th</sup> December, 2023 at the PYC Gymkhana hall.

Prof. R. K. Ambegaonkar, the program’s MOC, welcomed the audience.

The chapter chairman, Mr. Rajendra Newadkar, made a presentation about IIF activities and encouraged participants to assist boost membership.

During the ceremony, Ex. chairmen of the Pune Chapter and WR were honoured.

The Entertainment program ‘Chala Jaata Hoon’ has CA Abhishek Kulkarni performing Kishore Kumar’s Hindi Old songs. Abhishek Kulkarni is a CA by profession, but he is also a dubbing and mimicry artist. Everyone appreciated it.

At the end, Mr. Dhananjay Paranjpe Hon. Secretary proposed a vote of thanks.

Over 32 members attended the event, which concluded with a sumptuous dinner.





## C. OTHER INFORMATION

### 1. Chapter Committees:

Chairmen of various committees of Chapter, along with their committee members:

Sr. No.	Name of Committee 2023-24	Chairman
1	WR & HO Communication & Liaison	Mr. R. V. Newadkar
2	FCO (PUNE) 2022	Mr. R. D. Dhumal
3	Membership Development	Prof. R. K. Ambegaonkar
4	Training Programmes	Mr. Dhananjay Paranjpe
5	Event Management	Mr. Saibal Sen / Mr. Probal Sen
6	Technical Meetings	Prof. R. K. Ambegaonkar
7	Office Management	Mr. R. G. Paranjape
8	Society Interaction	Mr. R. G. Paranjape
9	Works Visit	Mr. R. V. Newadkar
10	Grad-IIF Examination	Mr. D. W. Bhadkamkar
11	Best Worker Award	Mr. Sham Arjunwadkar

### 2. Council Meetings Held During The Year :

Total of 13 council meetings were held till date and were all effective and were all well attended by the council members. The meetings were effective and well deliberated to achieve the objectives of the Institute, especially to bring in more participation from the Industry.

Details of the council meetings are given below:

Sr. No.	Date of Meeting	Attendance
1	05/06/2023	8
2	06/07/2023	7
3	03/08/2023	6
4	06/09/2023	7
5	05/10/2023	8
6	06/11/2023	6
7	08/12/2023	7
8	09/01/2024	10
9	09/02/2024	4
10	07/03/2024	6
11	03/04/2024	7
12	03/05/2024	11
13	09/05/2024	

### 3. TECHNICAL MEETING

#### 1. 1<sup>st</sup> Technical Meeting on 31<sup>st</sup> July 2023

The Pune Chapter organized its first technical meeting for the year 2023-24 on 31<sup>st</sup> July 2023 on the topic “How do you make your foundry more profitable in the absence of CFO!” at the conference hall of the Chapter that was largely attended by the Industry members.

The speaker Mrs. Dhanashree Utturkar, Founder, Finoxa Labs in India and having over 10 year of experience in CFO team at various corporates in Dubai. She was welcomed by the Chapter Chairman Rajendra Newadkar with a bouquet of flower. Prof. R.K. Ambegaonkar introduced the speaker and requested the audience to be more interactive with their related issues.

The speaker prescribed the role of CFO that exists in any large organised industry that decides the net profit of the business. She brought forward the changing nature of the economy and financial administration in India. Requirements of investors from global market are specific and are required to be understood very well. The traditional role of CA in managing tax planning has to get modified in the light of global investors desirous to enter India with huge funds. At the same time we need to understand our changing tax regime. Various modalities involved and the regulation in different countries were explained with case studies. The Foundry industry in India is characterised by skill and capabilities and is noticed by global investors. The role of a CFO to enhance profit for foundry industries was stressed.

Discussions amongst the production and the account representatives resulted in generating request to the chapter that the training sessions on these subjects be organised.

IIF Pune Chapter Secretary Mr. Dhananjay Paranjpe thanked everyone and assured various need based programs for our members.

#### Photos:



## 2. 2<sup>nd</sup> Technical Meeting on 8<sup>th</sup> of Dec, 2023

On 8<sup>th</sup> of Dec, 2023 Pune Chapter invited Mr. Vasant Raste a very senior foundryman from Pune Chapter for the technical meeting.

This technical meeting was largely attended by the council members.

Through the dialogue with the audience he explained his journey started after acquiring his diploma's in electrical & mechanical engineering during seventies.

On his own drive, he started a small machining & fabrication workshop. Due to his interest in metallurgy, while running his workshop, he joined the college again to learn metallurgy. This helped him in starting a small non-ferrous foundry of his own. He run this jobbing non-ferrous foundry successfully for over 30 years. With his strong instinct for delivering the finished product, ready to use, he adapted various timely innovations by using practical academic knowledge.

This helped him running his unit with profit and that too without any debts.

He relied more on technology and his men to deliver "first time right" products to the satisfaction of paying customers and was never required to look back. Happy customers always maintained payment schedules and he delivered the products before time.

While leading the speaker through his journey Prof. R. K. Ambegaonkar explained how start-ups in those days got vanished in short time due to infant entrepreneurs in Pune area, Chairman Mr. R. V. Newadkar loaded the secrets of success by Mr. Raste. Everyone felt that such success stories of qualified engineer should be put forth to the students of engineering.

The Secretary Dhananjay Paranjpe thanks everybody.





### 3. 3<sup>rd</sup> Technical Meeting on 9<sup>th</sup> Jan, 24

This technical meeting was largely attended by the Council Members & students.

In Association with Pimpri Chinchwad College of Engineering, IIF Pune organized a technical talk session on 'Heat Treatments on Steel & Al-Cu Alloy' on 9<sup>th</sup> Jan, 24. Speaker for the event was Mr. D. D. Limaye (B.E. COEP, M. Tech IIT BOMBAY), in this session he explained about fundamental of heat treatment various heat treatments done on steel and basic information about Al-Cu Alloy and its heat treatment. He also shared his industrial experience of heat treatment with students. Guest Speaker was felicitated by Dean SDW, Associate Professor, Dr. P. R. Kale on behalf of PCCOE and Mr. Rajendra Newadkar, Chairman, IIF Pune Chapter. Delegates from industry, students of PCCOE and IIF Pune chapter Council members actively participated in the technical discussion

The Secretary Dhananjay Paranjpe thanks everybody.





#### 4. 4<sup>th</sup> Technical Meeting on 9<sup>th</sup> Feb, 24

Pune Chapter, on the 9th February organised its technical meeting on the topic “Prevention of sudden collapse for Foundrymen at work” by the eminent physiotherapist Dr. Asawari Page who was in the core team of Doctors during the second bypass surgery of then Prime Minister Dr. Manmohan Singh. She was supported by Prof. Prajakta Sahasrabudhe from Pune.

With the many inquiries and requests from the members, the meeting was conducted with the online facility for the members.

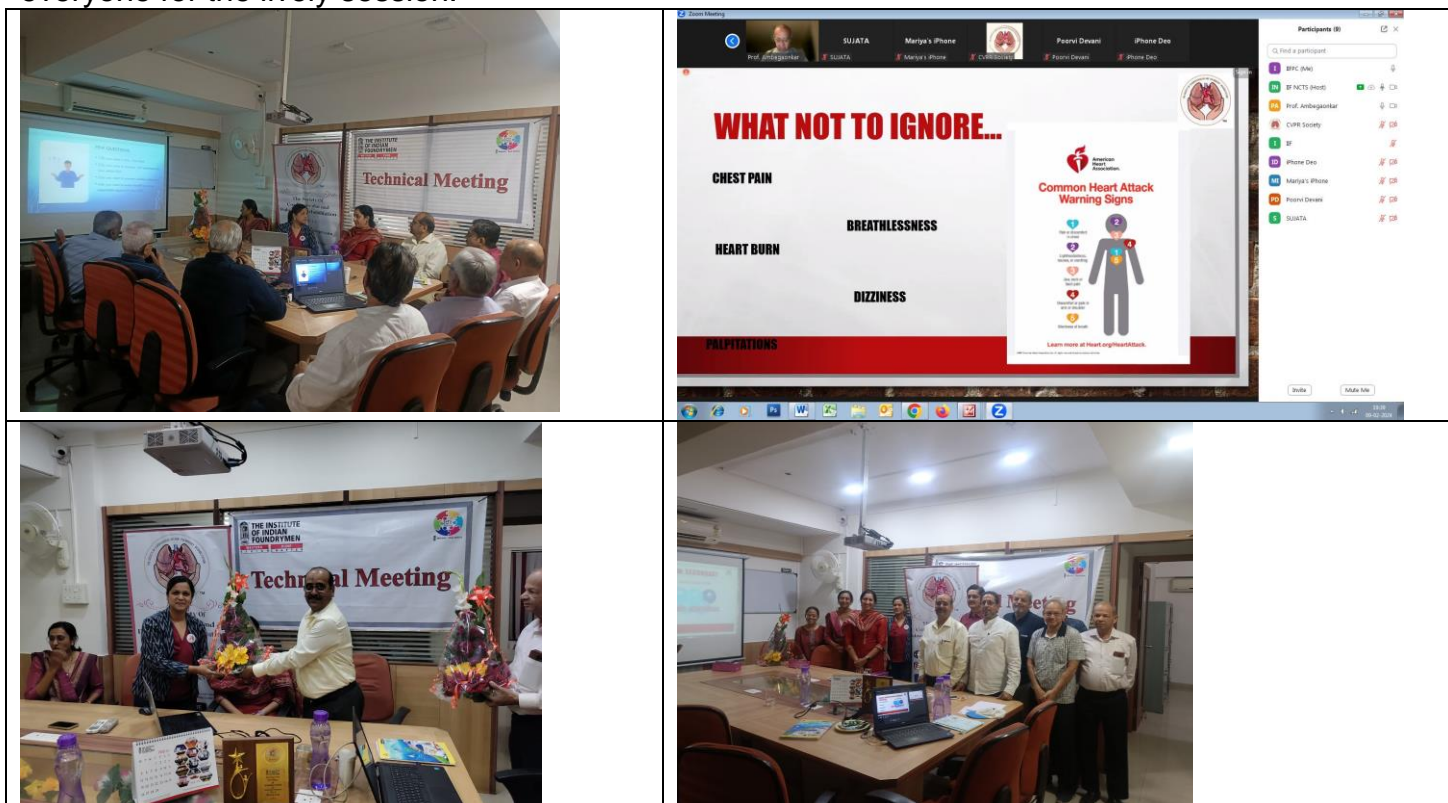
Dr. Asawari brought out the role of rehabilitation after lifesaving surgery for the purpose of bringing back the patient to the normal life, though it cannot be original. With her long experience in providing the services she observed the data based fact that the people fall sick mostly because of unhealthy lifestyle and further caused the sudden failure. She also observed that after surgery, patients do not take necessary care. She stressed the importance of regular medical check-ups. And the prescribe medication that are required to be complimented with modulated exercise, diet and most important is the management of stress.

With the help of various case studies, she pointed out the importance of preventive care that can avoid surgeries and further complications. It was with this purpose many socially conscious medicos have come together to form Society for **Cardio Vascular and Pulmonary Rehabilitation (CVPR)**.

Dr. Prajakta shared the real life experiences about the failures that occur due to confusions and wrong actions by the people around the suffering person. Through various slides and demonstrations, she educated the audience on proper actions. She explained the importance of CPR in the situation, when supply of blood to brain is cut off.

Past Chairman Mr. R. G. Parajape conducted the program with lively question answer session. Chairman Mr. Rajendra Newadkar welcomed the speakers and felicitated them along with the council members of the Society for CVPR.

Prof. Sanjivan Bhoite introduced the speaker and Vice Chairman Mr. R. D. Dhumal thanked everyone for the lively session.



## 5. 5<sup>th</sup> Technical Meeting on 7<sup>th</sup> March, 24

On 7<sup>th</sup> March, 2024 the IIF Pune Chapter organised technical meeting in its hall on “XPlate technology for energy saving & Pollution control”.

Chairman Rajendra Newadkar and Vice Chairman R. D. Dhumal welcomed the speaker Mr. Vikrant Patil of Solpower India Pvt. Ltd., Bombay and the Facilitator Mr. Milind Sapre from Pune who introduced the speaker.

Through various slides the speaker explained the **Fundamentals of Molecular Behaviours of Air** in the blower region of the furnaces and its effects on the energy generation during firing. He traced the areas of research that followed after understanding the problems and how the technology of Xplate got developed in Thailand. This has evolved through the Nano Technology route and the process is patented. Members had lively discussion on the data of actual case studies. The speaker offered free assistance to all IIF Members for energy saving in their units.

Prof. R. K. Ambegaonkar thanked everyone and appealed for energy saving





## 6. 6<sup>th</sup> Technical Meeting on 4<sup>th</sup> April, 24

On 4<sup>th</sup> April, 2024 the IIF Pune Chapter had organized 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.

Chairman Rajendra Newadkar welcomed the speaker with a bouquet of flowers and Prof. R. K. Ambegaonkar gave a brief introduction of the speaker. Dr. Sanjay Matekar, associate prof. of Mechanical Engineering who have long experience of working for industries in designs and have more than 8 years of teaching experience in the college. He is one of the faculty working with the engineering students for industry oriented projects. He narrated various difficulties in bringing teachers and industries together. He praised the role played by the Pune Chapter in formulating a scheme of installing a common facility centre for the benefits of small foundries in and around Pune. Under the proposal, capital investment in equipments that are relevant for the common use of foundries will be done by the college, while the operations alongwith the revenue model shall be supported by industries through the active roll of IIF. The chapter members actively interacted with speaker.

Vice chairman Mr. R. D. Dhumal felicitated the speaker and Secretary Mr. Dhananjay Paranjpe proposed vote of thanks.



## 4. TRAINING PROGRAM

### 1<sup>st</sup> Training Program

Training Program was conducted in Government Polytechnic Pune by IIF Pune Chapter for final year students on Melting furnaces on three consecutive Tuesdays 3<sup>rd</sup>, 10<sup>th</sup> & 17<sup>th</sup> October 2023 by Mr. Dhananjay Paranjpe.

On 17<sup>th</sup> October presentations were done by three furnace manufacturers.

Energy Systech, Amruta Thermal & Plazma Induction Furnace on gas, oil fired and Electric furnaces. 40 participants were present for the Program

### Photos:





## 5. IIF - Pune Chapter organized ORIENTATION WORKSHOP of TIFAC MSME Programme

The orientation workshop of TIFAC MSME program' was held for the Foundry MSME industries in association with the IIF Pune Chapter in the Hotel Ramee Grand, Pune on 14th March 2024 at 10:00 am.

Mr. Sanjiwan Bhoite, Dr. Narendra Deore, Dr. Sanjay Matekar

Following areas were highlighted in the discussion where technology intervention is required:

- Sand Recycling plant: 2000 tons of sand is used in Foundries of Pimpri Chinchwad area. If it is recycled, natural resources will be saved.
- Fettling is most labour intensive operation in the MSME. A centralized facility with some automated flexible systems will ease the manual work. • MSME's cannot afford costly material characterization processes e.g. Millipore, spectroscopy and Digital X-Ray. A central facility for these can help the MSME foundries.
- Prototyping and sand core printing facility can help the MSME foundries.
- Dust extraction systems can be designed and installed to reduce the pollution.
- A query regarding the funding process, after the technology implementation fund is granted by TIFAC, needs to be verified by the TAP center.

An action plan to implement the above activity is being worked out.

### Photos:



## 6. Works Visit

### 1<sup>st</sup> Local Works Visit held on 29<sup>th</sup> November, 2022

On 5<sup>th</sup> of March 2024, our Pune Chapter organized visit to M/s. Ascent Castings Technologies situated at Phaltan Satara, District. Team of 9 members from industry, led by Mr. Deepak Bhadkamkar, Chairman, Works Visit was received by owner of the Company Mr. Kalyan Bobade and his operating team.

They made very detailed presentation on company profile and processes, leading to various custom end products. Chapter Chairman Rajendra Newadkar felicitated them with bouquets and mementos. After plant visit, lively Interactive questions / queries by inquisitive delegates were duly answered with thorough explanations during the technical open discussions. Mr. Kalyan Bobade hosted a sumptuous lunch for the IIF team delegates.

### Photos:

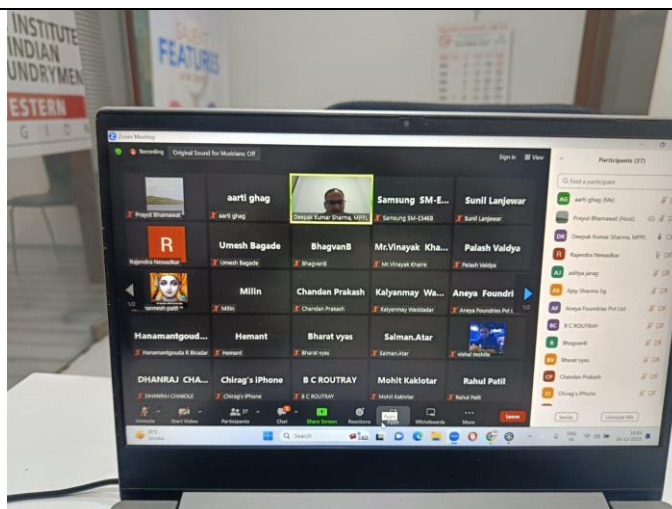
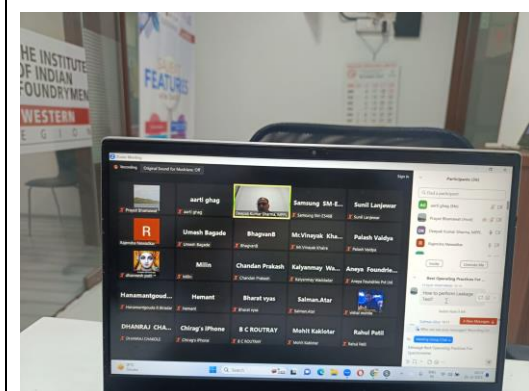
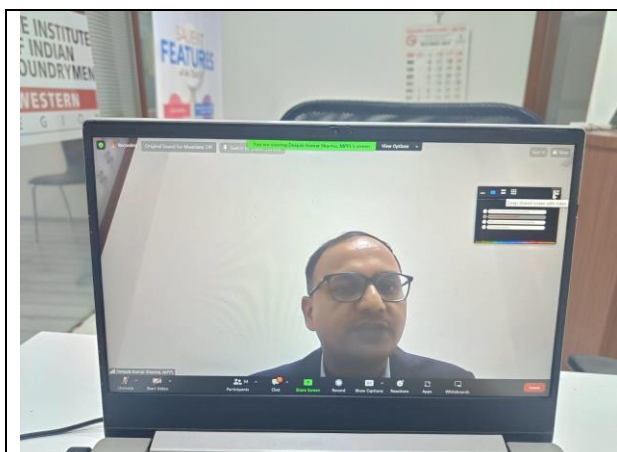


**M/s. Ascent Castings Technologies, Phaltan**

## 7. Webinar - Online Workshop No 2 (Skill Enhancement) on Tuesday, 26<sup>th</sup> December, 2023

1. Mr. Prayut Bhamavat, WR Chairman, welcomed everyone and highlighted the importance of the workshop and how it might benefit any foundryman, ferrous or nonferrous.
2. Mr. R. V. Newadkar, Chairman of the Pune Chapter, introduced the speaker.
3. Mr. Deepak Sharma spoke about the spectrometer on the following topics:
  - a. How to Use a Spectrometer to Get Consistent Results
  - b. Troubleshooting suggestions for basic spectrometer maintenance.
4. Mr. Deepak Sharma addressed all of the concepts stated above in a very straightforward manner.
5. After Mr. Deepak Sharma finished his presentation, all participants asked questions/clarified their doubts. Mr. Sharma answered all of the issues raised by the foundrymen in attendance.
6. Q & A; A session lasted over 30 minutes.

A vote of thanks was proposed by Mr. Dhananjay Paranjpe, Secretary, Pune Chapter.





## 8. One Day Conference FCON PUNE 2023

<b>Region/Chapter Name</b>	The Institute of Indian Foundrymen - <b>Pune Chapter</b>
<b>Event Date</b>	20 <sup>th</sup> October 2023
<b>Event Venue</b>	Hotel The Pride, Pune
<b>Number of Participants</b>	76
<b>Other Region Chapters Involved (If any)</b>	-
<b>Duration of the Session</b>	One Day Conference FCON PUNE 2023
<b>Event Type</b>	<b><i>“Green and Digital Technology for Sustainable Growth”</i></b>
<b>Keynote or Welcome Speech in brief</b>	
<b>Inaugural Session (if any) – Names &amp; profile of the participating Dignitaries &amp; session details</b>	<p><b>Chief Guest</b> Mr. Hemant Watve, Managing Director &amp; CEO, WILO Mather and Platt Pumps Pvt. Ltd., and <b>Guest of Honour</b> Mr. Sham H. Arjunwadkar Mentor, IIF-NCTS Chairman – National Institute of Advanced Manufacturing Technology (NIAMT) Ministry of Education, Govt. of India and Mr. R. V. Newadkar, Chairman IIF-PC, Mr. R. D. Dhumal, Vice Chairman IIF-PC, Mr. Dhananjay Paranjpe, Hon. Secretary, IIF-PC Mr. Shirish Pingale Hon. Treasurer IIF-PC (MOC) Mr. Saibal Sen (Vice Chairman IIF-WR) lighted the lamp to formally inaugurate the seminar.</p>
<b>Topics (with brief details), Speaker Names, Speaker Profiles</b>	<p><b>Technical Paper</b></p> <p><b>Import Substitute Green Products for Aluminium Die Casting Industries.</b> Mr. Amar R. Gharmode, GM Technical. Ceraflux India Pvt Ltd. , Kolhapur</p> <p><b>Foundry 4.0: A Digital Transformation In Metal Casting Industry</b> Mr. Krishna Bhojkar, Advisor, C4i4 Lab, Pune</p> <p><b>Grow by using Digital Techniques- AI, Data Analytics etc.</b> Mr. Vishwas Kale, Managing Director, Vijayesh Instruments Pvt. Ltd. Pune</p> <p><b>Sustainability Drive Steps Forward.</b> Mr. Kalpesh Gupta, Sr. Manager - HSE, Vulkan Technologies Pvt Ltd., Pune</p>





<b>Guest of Honor / Chief Guest details</b>	<b>Chief Guest</b> Mr. Hemant Watve, , Managing Director & CEO, WILO Mather and Platt Pumps Pvt. Ltd., <i>and</i> <b>Guest of Honour</b> Mr. Sham H. Arjunwadkar Mentor, IIF-NCTS Chairman – National Institute of Advanced Manufacturing Technology (NIAMT) Ministry of Education, Govt. of India
<b>Name of Vote of Thanks deliverer</b>	Mr. Dhananjay Paranjpe, Hon. Secretary IIF-PC, proposed vote of thanks
<b>Name &amp; Profile of Program Presenter (if any)</b>	
<b>Any Other Information</b>	<b>Technology Presentation</b> <b>1. T : Dynamic Technology Systems, Mumbai</b> The role of Laboratory & Testing Instruments in Digital Technology  <b>2. T : Kelson Testing Equipment, Kolhapur</b> Digitalization Over Conventional: Transforming Foundry Operations .  <b>“Late Mr. Shyam Karkhanis Memorial Award” for Best Foundry Worker from IIF- Pune Chapter.</b>  <b>Mrs. S. S. Karkhanis, Past Chairperson of our Pune Chapter,</b> has instituted this award in memory of her Late husband, to recognize the contribution of workers to the foundry industry. <b>This is a cash award of Rs. 10,000/- (Rupees Ten Thousand only), with a certificate of appreciation and a memento.</b>  The award was presented to <b>Mr. Shankar Ashok Mane</b> , from (Mutha Founders Pvt Ltd, Satara). The award was presented to him at the inaugural function of our conference " <b>FCON (Pune) 2023</b> "

**Photos:****Lighting of lamp at FCON 2023****Chief Guest releasing souvenir of FCON 2023****"Late Mr. Shyam Karkhanis's Memorial Award" for Best Foundry Worker given to Mr. Shankar Ashok Mane, from (Mutha Founders Pvt Ltd, Satara) at the hands of Chief Guest****Technology Presentation****Delegates present for FCON 2023**

## 9. Attended the 4th IIF - WR council meeting at Nagpur

Mr. R. V. Newadkar, Chairman, IIF Pune Chapter, Attended 4th IIF - WR council meeting at Nagpur.

Date : Thursday, 18<sup>th</sup> January, 2024

Time : 6.30pm to 7.30pm

Venue : Resort in Pench, Nagpur

10. IIF Pune Chapter got a Memento in recognition for the remarkable performance of achieving 100% in Membership Strength during 2022-23 during WESCON 2023 at Daman on November 24-25<sup>th</sup>, 2023.



Many Members of IIF Pune Chapter attended WESCON 2023 at Daman on November 24-25<sup>th</sup>, 2023.

## 11. Reference Library:

Library facility is available to all members between 3 PM and 6 PM on all working days. With additional library cupboard, the books and periodicals are arranged nicely. The students and member Foundrymen are also taking advantage of the chapter library. This year it has been discussed and agreed to improve the documentation storage system for library so that references and locating the books is simplified further.



## 12. Activities of Members at the International & National Level.

IIF NCTS conducted two online Technical lectures during the month of December 2023.

1. Subject: Organic Binder Systems for Mould & Core Making.  
Speaker: Mr. R. D. Dhumal, Vice Chairman IIF Pune Chapter  
Date: 22<sup>nd</sup> Dec. 2023 4 p.m.
2. Subject: Centrifugal Casting Process.  
Speaker: Mr. Dhananjay Paranjpe, Hon. Secretary, IIF Pune Chapter  
Date: 1<sup>st</sup> Dec. 2023 4 p.m.

## 13. Membership Position:

The following are the Membership details of our Chapter as on 31<sup>st</sup> March 2024

March 2024	
Life Members	16
Associated Members	2
Company Members	47
Members	53
Fellow Member	2
Student Member	1
<b>Total</b>	<b>121</b>

Throughout the year, conscious efforts were made to increase membership. Membership Committee identified Foundries / Companies & Members for new Membership.

## 14. IFJ Liaison:

Pune Chapter was given very good visibility in IFJ volumes during the year by publishing brief information on proceedings of Pune chapter along with photographs.

## 15. Khande Navami Pooja on 23<sup>rd</sup> October, 2023

Chapter like every year performed the Khande Navami Pooja at our office. Majority of council members and our well-wishers were present on the occasion.







## **In conclusion,**

The Pune Chapter is well known for its disciplined work and good performance for several years. We, the office bearers of Pune Chapter with the support and guidance of council members have tried our best to keep the same track even this year. As you can see from the activity report, we have conducted several programs and all have been very well oriented to give maximum benefit to all our members. These programs include Technical Meetings, Training programs apart from the regular Council Meetings.

We sincerely hope that we have been able to fulfill the expectations of our members and foundry industry as a whole.

On behalf of the Pune Chapter Council, I would like to mention that this would have not been possible without support and encouragement from fellow foundrymen, members, sponsors and service providers. Warm whole hearted support from past Council members is also valuable in the working of our Chapter.

Our staffs at the office, Mrs. Sujata Majgaokar and Mrs. Meena Sawant, Mrs. Komal Shinde have been a great support in the office with their sincerity and dedication throughout the year and the council appreciates the same and thanks them wholeheartedly.

**Dhananjay Paranjpe**  
**Hon Secretary – IIF Pune Chapter**