



IIM
Metallurgy
Materials Engineering

2023-24

COUNCIL REPORT



**THE INDIAN
INSTITUTE OF METALS**

<https://www.iim-india.net>



COUNCIL REPORT

FY 2023-24

The Indian Institute of Metals

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05 July 2024

THE INDIAN INSTITUTE OF METALS

CIN: U80301WB1947GAP015157

Regd Office: "METAL HOUSE"

PLOT NO: 13/4, BLOCK-AQ, SECTOR-V, Salt Lake,
KOLKATA- 700 091

Website: <https://www.iim-india.net> Email: secretarygeneral@iim-india.net

NOTICE for 78th Annual General Meeting of The Indian Institute of Metals (IIM)

To: **All** Members of The Indian Institute of Metals

NOTICE is hereby given that the 78th Annual General Meeting of The Indian Institute of Metals will be held on Saturday, the 20th July 2024 at 15:00 hrs at Biswa Bangla Convention Centre, HFJF + XMC, Canal Bank Rd, DG Block, Action Area I, Newtown, Kolkata West Bengal 700156 & through Video-Conferencing (VC) /Other Audio-Visual Means (OAVM), to transact the following business:

I. ORDINARY BUSINESS:

1. To consider, approve and adopt the **Report of the Council** for the year **2023-24** (1st April 2023 to 31st March 2024).
2. To consider, approve and adopt the **Audited Financial Statements** for the financial year ended 31st March 2024 and the Report of the Auditors thereon.
3. To appoint **M/s Basu & Basu, Chartered Accountants** as the Statutory Auditors, for a consecutive period of Five Financial Years.

II. SPECIAL BUSINESS:

4. **To appoint the Council and the Office Bearers** for the period 1st August 2024 to 31st July 2025 (Council Year 2024-25):

To consider and if thought fit, to pass with or without modification, the following resolution as an **Ordinary Resolution**:

"RESOLVED THAT the members of The Indian Institute of Metals (the "**IIM**") approves the Recommendation of the Outgoing Council to appoint the New Council Members, from 1st August 2024 to 31st July 2025, for a period of 01 (One) Year. "

"RESOLVED FURTHER THAT the newly appointed Council of the IIM shall comprise of 11 Office Bearers and 52 Council Members, out of which a total of 60 Members shall be inducted during the Annual General Meeting (AGM) and rest two Members shall be co-opted later."

5. To Release the Standard Operating Procedures (SOP) of the Institute:

To consider and if thought fit, to pass with or without modification, the following resolution as an **Ordinary Resolution**:

“RESOLVED THAT consent of the Members be and is hereby accorded to adopt the Standard Operating Procedures (SOP) of The Indian Institute Metals (the “IIM”) which shall be effective from 1st August 2024.

RESOLVED FURTHER THAT any amendments in the SOP shall be subject to the Approval of the Council of the IIM.

RESOLVED FURTHER THAT the soft version of the SOP shall be available to the Members through the online Membership Directory on the Institute’s website.”

6. To approve the Retirement & Appointment of Directors of the Company:

To consider and if thought fit, to pass with or without modification, the following resolution as an **Ordinary Resolution**:

“RESOLVED THAT Mr. Satish Pai would retire from the Directorship of The Indian Institute of Metals as listed in MCA, and is hereby approved and taken on record of the Institute with effect from 1st August 2024.”

“RESOLVED FURTHER THAT any Director of the Institute be and is hereby authorized to file the information with the Registrar of Companies concerned in the prescribed form.”

“RESOLVED FURTHER THAT the Council places on record the valuable services rendered by Mr. Satish Pai during his tenure as President and Director of the Institute in MCA and expresses its deep sense of appreciation and gratitude for the same.”

“RESOLVED FURTHER THAT Mr. Sajjan Jindal, President [Elect] be appointed as the Director of The Indian Institute of Metals with effect from 1st August 2024.”

“RESOLVED FURTHER THAT Mr. Somnath Guha, Hon. Treasurer be appointed as Director of The Indian Institute of Metals w.e.f 1st August 2024.”

“RESOLVED FURTHER THAT the Secretary General, Brig. Arun Ganguli (Retd) be and is hereby authorized to take all necessary actions to implement the board decision.

**By Order of the Council
For The Indian Institute of Metals**

**Brig Arun Ganguli (Retd)
Secretary General**

DIN: 10298989

Date & Place: 05.07.2024/Kolkata

NOTES:

1. All documents referred to in the accompanying notice and explanatory statement are open for inspection at the Registered Office of the Company during the Office Hours on all working days between 9.30 a.m. and 11.30 a.m. and excluding the date of the Annual General Meeting.
2. Members are requested to fill in the Attendance Slips for attending the Meeting.
3. The Members have the option of participating either In-person or through VC / OAVM.
4. The Ministry of Corporate Affairs (“MCA”) has vide its Circular dated September 25, 2023, permitted, the holding of the AGM through VC / OAVM, without the physical presence of the Members at a common venue till 30th September, 2024. In compliance with the provisions of the Companies Act, 2013 and MCA Circulars, the AGM of the Company is being held in a hybrid mode, in-person and through VC / OAVM, in compliance with applicable provisions of the Act read with the MCA Circulars, the AGM of the Company is being conducted.
5. The Member’s log-in to the Video Conferencing platform shall be considered for record of attendance at the AGM and such Member attending the Meeting will be counted for the purpose of reckoning the quorum under Section 103 of the Act.
6. In compliance with the aforesaid MCA Circulars, Notice of the AGM is being sent only through electronic mode. Members may note that the Notice will also be available on the Company’s website.
7. Members will be provided with a facility to attend the AGM through video conferencing platform. Members can join the AGM, 15 minutes before the scheduled time of commencement of the AGM.
8. Members may address their queries/communications, if any, at least 48 hours before the time appointed for the meeting to facilitate the answering thereto at secretarygeneral@iim-india.net
9. The Register of Directors and Key Managerial Personnel and their shareholding, maintained under Section 170 of the Companies Act, 2013 and the Register of Contracts or Arrangements in which Directors are interested, maintained under Section 189 of the Act read with Rules made thereunder will be available for inspection by the Members at the Meeting.

EXPLANATORY STATEMENT

PURSUANT TO SECTION 102 OF THE COMPANIES ACT, 2013

The Explanatory Statement pursuant to Section 102 of the Companies Act, 2013 (**'the Act'**), given hereunder sets out all the material facts relating to the Special Business mentioned at Item Nos. 4 to 6 of the accompanying Notice dated July 05, 2024.

Item No. 4:

The present Council and Office Bearers of The Indian Institute of Metals (the "**IIM**") are to hold office only till the 31st of July 2024.

The newly appointed Council Members shall be liable to hold office from 1st of August, 2024 to 31st of July, 2025 for a period of 1 (One) Year.

The Newly appointed Council Members of the IIM shall comprise of 11 Office Bearers and 52 Council Members, out of which a total of 60 Members shall be inducted during the Annual General Meeting and rest two Members shall be co-opted in further course of action.

The Board recommends the appointment of new Council Members and Office Bearers to hold office from the 1st of August 2024 to 31st July 2025, as set out in **Item No. 4** of the accompanying notice, for the approval of Members.

None of the Directors of the Company or their respective relatives are, in any way, concerned or interested, in the Resolutions set out in this Notice.

Item No. 5:

The Council had noted the importance of Standard Operating Procedures (SOP) in the administration of The Indian institute of Metals ("**The IIM**") in its meeting dated 21st May 2024 and in line with the said decision an SOP has been framed and made available for the members on the Institute's website.

Accordingly, the SOP shall be effective for adoption, for all Council Members on and from 1st of August, 2024.

The Council recommends the approval of the SOP by the members of the Institute, as set out in **Item No. 5** of the accompanying Notice.

Any amendments to the SOP shall be subject to the approval of the Council of the Institute.

None of the Directors of the Company or their respective relatives are, in any way, concerned or interested, in the Resolutions set out in this Notice.

Item No. 6:

The Board of Directors, at its Council Meeting scheduled on 20th of July, 2024 shall approve the resignation of Mr. Satish Pai as the President and Director of The Indian Institute of Metals, subject to the approval of Members.

The Board places on record their appreciation for Mr. Satish Pai's invaluable contribution during his tenure.

The Board of Directors, at its Council Meeting held on 03rd of July, 2018, approved the appointment of Mr. Somnath Guha, as an Additional Director in the Company, in accordance with Section 161 of the Companies Act, 2013, subject to the approval of the members.

Presently Mr. Somnath Guha is the Managing Director of Metalist Consultants Pvt. Ltd. (Engineering & Management Consultancy Services) since September, 2011.

Mr. Somnath Guha has worked in different capacities in Steel Industry for 30 years.

His last position held was COO at Usha Martin Limited, one of the largest Speciality Steel producers in India and amongst the top two in the world for Steel Wire Ropes, having more than Rs.3000 crores turnover. During tenure of 30 years in Steel Industry, worked in various fields like Quality Assurance, Technical Service, Product Development, Overall, In-charge of Operation of Steel Plant and In-charge of Marketing in India and Overseas. Led Start-Up & commercial production of integrated Iron Ore Mine. In-charge of various brown field expansion Projects in Iron & Steel Manufacturing, Rolling, Power Plant, DRI and other integrated facilities. Also executed as Business Head, various modernization projects from time to time involving setting up of New Plants, Infrastructure, etc. involving CAPEX small size up to Rs.2000 crores. Extensively travelled to most of the leading Iron & Steel producing countries of the world. Led the Company for achieving ISO9000 Certificate & maintaining same as 'Management Representative'. Usha Martin, being the first Steel Plant in India to achieve such distinction in 1994.

The Board of Directors at its Council Meeting to be held on 20th of July, 2024 shall approve the appointment of **Mr. Sajjan Jindal as a Director**, subject to the approval of the Council Members.

An accomplished Business Leader and a second-generation entrepreneur, Mr. Sajjan Jindal had the foresight to lead the Steel industry and JSW Group in particular on a transformational journey, contributing significantly to India's growth philosophy. With a visionary approach, he has transformed the Steel industry and the JSW Group, expanding the business landscape across Energy, Infrastructure, Sports, Cement, and Paints. Recently, JSW has also ventured into the Automobile and Electric Vehicle space.

A Mechanical Engineer, Mr. Jindal has led the JSW Group through some of its most exciting phases, including the public offer announcements of JSW Steel and JSW Energy in 1995 and 2009 -10, respectively. In 2023, JSW Infrastructure, under the visionary leadership of

Mr. Jindal, continued the legacy of success for the JSW Group with a remarkable IPO listing, contributing to the group's impressive growth trajectory. Today, the USD 24 Billion Group takes pride in its outstanding growth and success.

Mr. Jindal is a firm believer in the "Make in India" philosophy and has received several global awards for his commendable work. He was awarded the "EY Entrepreneur of the Year" in Feb 2023, and in the past, he received the "CEO of the Year 2019" Award by Business Standard (India's leading business publication) and the "Best CEO Award 2019" by Business Today Magazine. He has also been recognized as the "Outstanding Business Leader of the year 2018" by IBLA - CNBC TV18 (India's leading business news channel). Furthermore, he was awarded the JRD Tata Award 2017 for "Excellence in Corporate Leadership in Metallurgical industry," and the "2014 National Metallurgist Award: Industry" instituted by the Ministry of Steel, Government of India.

The Board and the Company shall benefit from his experience and expertise.

Accordingly, the Board recommends the resolution set out in **Item No. 6** of the accompanying notice, for the approval of the members of the Company.

Except for the afore-stated Directors, none of the other Directors of the Company or their respective relatives are, in any way, concerned or interested, in the Resolutions set out in this Notice.

**By Order of the Council
For The Indian Institute of Metals**

**Brig Arun Ganguli (Retd)
Secretary General**

DIN: 10298989

Date & Place: 05.07.2024/Kolkata

05 June 2024

To

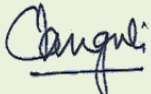
All members of The Indian Institute of Metals

Notice for Nomination to Serve as Council Member

Dear Member,

It is hereby informed that the members willing to serve the National Council for 2024-25 are requested to send their names to the undersigned, on or before 25th June 2024, to be considered by the retiring Council for nomination at the Annual General Meeting [AGM] scheduled to be held at 15:00 hrs on 20th July at Biswa Bangla Convention Centre, New Town, Kolkata.

**By Order of the Council
For The Indian Institute of Metals**



**Brig Arun Ganguli (Retd)
Secretary General**

DIN: 10298989

Date & Place: 05.07.2024/Kolkata

THE INDIAN INSTITUTE OF METALS

“METAL HOUSE”

PLOT NO: 13/4, BLOCK-AQ, SALT LAKE, SECTOR-V,

KOLKATA 700 091

COUNCIL REPORT

FY 2023-24

To: **All Members of The Indian Institute of Metals**

Your Council is pleased to present the Annual Activity Report of the Institute for the Financial Year 2023–24.

1. Condolences

Council regrets the sad demise of the following Members:

Table I

Sr.	Name	Membership Category
1.	Prof. Hem Shanker Ray	Honorary Member
2.	Dr. V S Arunachalam	Honorary Member

2. Another Year passed by:

Organizational

2.1 Advisory Committee of Former Presidents [ACFP]:

Members of the ACFP [2023-2024]

1. Mr H M Nerurkar (2012-13)
2. Prof K Chattopadhyay (2013-14)
3. Dr R N Patra (2014-15)
4. Mr S S Mohanty (2015-16)
5. Prof I Manna (2016-17)
6. Dr B Basu (2017-18)
7. Mr Anand Sen (2018-19)
8. Dr U Kamachi Mudali (2019-20)
9. Dr. Amol A Gokhale (2020-21)
10. Mr Satish Pai (President 2023-24; Convener)

The ACFP of the Institute is responsible for overseeing the Institute's policies, discuss relevant problems and direct Apex & Council on the ways to enhance its presence and visibility, strategize and plan ahead.

The 30th and 31st meetings of the ACFP were held on 26th July 2023 through VC and 23rd November 2023 at Bhubaneswar respectively.

Few Salient points from the deliberations are given below for information of Members.

- It was observed that the responses being received for Materials Technology Start-up Award is meagre and needs some extensive promotion and dissemination. It is being suggested to **approach various IITs that have incubation cells** for inviting more nominations.
- With an objective to encourage the Chapters to perform better by bringing in the competitive spirit and strengthening collaborations, it was recommended by ACFP to work on the existing evaluation parameters, based on which **Best Chapter Award** is conferred on Large, Medium and Small Categories of Chapters during IIM Awards Ceremony each year may be made simpler, transparent and dynamic in nature.

APEX considered the recommendation of the ACFP to re-align the criteria and evaluation parameters for the BEST CHAPTER Award in mobilizing Membership Drive, Subscription Collection and Chapter Activities, in the categories of Small Chapters: 30 to 100 members, Medium Chapters: 101 to 200 members and Large Chapters: 201 and above.

Accordingly, from Council Year 2023-24, all 47 Chapters are being considered for this Award, based on ongoing assessment scores given against Evaluation Parameters as defined by IIM HO and IIM Awards Committee in consultation with APEX. The Assessment Scores are being made readily available on IIM Website (CHAPTER PERFORMANCE METRICS (FY 2023-24) (iim-india.net).)

- In order to increase Membership Strength, it was suggested to **enroll Metal Users and Service Providers** in the fraternity, apart from Metal Producers. Suitable Amendment in Bylaws may be required to implement the same.
- A **Domestic Publishing House / Publishers** may be identified to issue The Transactions of IIM (Trans-IIM) in an affordable price for the Students Fraternity as the current pricing of the books is exorbitantly high.
- It was suggested to **define specific roles for the Vice Presidents** which may vary from Chapter Relations, Finance, Membership Development, Publications to Policy Making etc. The roles may be similar to that of INAE.
- It was suggested in order to increase visibility of IIM and its Website, **small Clippings / Short Reels on various subjects of 5-10 minutes duration** can be created and uploaded in the various social media handles (YouTube, Instagram, Facebook etc) to educate the stakeholders regarding the Short-Term Courses being instituted by IIM.

- The **ACFP recorded its appreciation to the IIM-ATM 2023 Organizing Committee** for putting up a great show with one of its highest participations of approx. 1400 delegates ever witnessed from diversified backgrounds. It was also discussed that Bhubaneswar has hosted this Flagship Event after a long time.

2.2 IIM National Council:

Composition for Council Year 2023-24 [1st August to 31st July]:

A total of 11 Office bearers and 49 Members were elected for the 2023-24 National Council during the Annual General Meeting (AGM) held on Saturday, 29th July 2023 at Tollygunge Club, Kolkata.

The list appears as **Appendix I**.

Composition (62)

- Office Bearers [11]
- Industry Representatives [09]
- R& D and Academia Representatives [09]
- Experts [09]
- GST & Audited Accounts Compliant Chapters [19]
- Student Affiliate Chapters [01]
- IIM-ATM Organisers [02]
- President's Choice [02]

At a later date, during the Council Meeting held on **6th October 2023** through VC, the following members were co-opted under the following categories:

- Dr. Avanish Kr Srivastava, Director, AMPRI & NML (R&D and Academia Representative)
- Dr. Arup Kumar Mandal, Assistant Professor, NIT Durgapur (Student Affiliate Chapter Representative)

The Council strength for a year shall not exceed 62 in a particular Council Year.

Last year, as a part of President's initiatives, it was decided that Representatives from IIM Student Affiliate Chapters would also be inducted in the Council for better participation and involvement.

Accordingly, NIT Durgapur was inducted in the Council for 2023-24. From next year, it has been decided that Representatives of the most Active Student Affiliate Chapters (02) would be a part of the Council for a single Council Year.

Change in Guards:

A] Induction of Vice President, Non-Ferrous Division

With the commencement of the **Council Year 2023-24**, the baton of Non-Ferrous Division was passed on to Dr. Komal Kapoor, with effect from 1st August 2023, as the Vice President of the Institute in Non-Ferrous Division.

Dr. Komal Kapoor is the Chief Executive of Nuclear Fuel Complex (NFC) and the Chairman of NFC Board.

Dr. Kapoor is an Outstanding Scientist and a Metallurgical Engineer, joined the 33rd Batch of BARC Training School, Mumbai in 1989. Subsequently, he was posted to NFC and served in various capacities for more than three decades. He has obtained Doctorate Degree in Metallurgical Engineering and Materials Science from the Indian Institute of Technology (IIT), Mumbai. Dr. Kapoor is an Adjunct Professor in Homi Bhabha National Institute (HBNI), Mumbai and the Guest Faculty at the University of Hyderabad (UoH).

As Head of the three Nuclear Fuel Cycle Facilities, Dr. Kapoor is contributing significantly to the Indian Nuclear Power Program. He is responsible for setting up a large Greenfield Project at Kota, Rajasthan to meet the fuel requirements of upcoming Reactors in the Country.

Dr. Kapoor possesses extensive knowledge of nuclear fuel cycles and materials. His initiatives have resulted in improvement of quality standards and fuel performance in Nuclear Reactors and also consistent improvements of radiological safety.

Dr. Kapoor was instrumental in manufacture and supply of a variety of seamless tubes for the strategic applications of DAE and that of the Departments of Space and Defence. His research work has led to the development of several critical nuclear materials which are of great technical importance.

Dr. Kapoor is also responsible for numerous research collaborations with various national and international institutions in Nuclear Engineering. For his invaluable contributions in this field, Dr. Kapoor has been conferred with the several prominent Awards and Honours, including NMD Young Metallurgist Award by the Ministry of Steel, Govt. of India. He has to his credit over 100 Publications in National/International Journals of repute and Symposia.

Dr. Kapoor serves on the Boards of Uranium Corporation of India Limited (UCIL) and the Indian Rare Earths Limited (IREL) and the Council Member of Atomic Minerals Directorate (AMD). He is also the Chairman of Indian Society for Non-destructive Testing (ISNT) Hyderabad Chapter, Vice-President of Society for Failure Analysis (SFA)-India, Life Member of Indian Nuclear Society.

B] Induction of President, IIM for Council Year 2023-24

Dr. Samir V Kamat, President [2022-23] handed over the torch to Mr. Satish Pai, Managing Director, Hindalco Industries, who took over as the President of the Institute wef 1st August 2023.

Mr. Satish Pai was the Vice-President of IIM since 2020. During his tenure, Mr. Pai focussed on overall operations, which included delegating and directing agendas, driving revenue generation, overseeing the functionalities and strategizing. On direction of the Council, Mr. Pai led the way towards success in various fronts, outlined in this section.

Mr. Satish Pai is a visionary with a pragmatic, balanced and coherent approach.

Mr. Satish Pai has been the Managing Director of Hindalco since August 2016. Headquartered in Mumbai, Hindalco is the metals flagship of the Aditya Birla Group, a diversified global conglomerate with operations spanning 36 countries. In his role as MD, Satish also oversees the operations of Hindalco subsidiary Novelis Inc., which is the world's largest Aluminium Rolling and Recycling Company.

Mr. Pai's strengths lie in envisioning and guiding organisation-wide, sustainable transformation. At Hindalco, he has been the driving force behind Hindalco's journey from a metals commodity player to a value-added solutions provider in the Aluminium and Copper sectors. Under his leadership, Hindalco has evolved into a future-facing company with a Greener, Stronger, Smarter Purpose at its core, and a focus on Digitalisation, Innovation and High Performance.

Some key transitions under Satish's stewardship include adoption of large-scale renewable energy and path breaking responsible mining initiatives through India's first Sustainable Mining Charter. He drove global-first circular economy solutions that utilise Bauxite residue as an industry input rather than waste. Initiatives for carbon neutrality, water positivity, biodiversity and zero waste to landfill have contributed to Hindalco being recognised as the world's most sustainable Aluminium Company by the Dow Jones Sustainability Indices in 2020, 2021 and 2022. Beyond operations, Satish has focused on cultural transformation, such as driving gender diversity with a higher intake of women in core manufacturing and leadership roles, improving performance accountability and ownership in mid-management levels, and raising benchmarks for people safety. Satish ushered in the era of digitalisation in Hindalco and encouraged and empowered the R&D function to make it core to Hindalco's functioning. These changes have helped to position Hindalco as a global manufacturing leader in Aluminium, Copper and Chemicals.

At Hindalco, Mr. Pai has driven mega greenfield and brownfield projects, such as the Aditya and Mahan smelters, and the Utkal Alumina Refinery expansion.

In 2020, he led Novelis' acquisition of global aluminium flat-rolled-producer Aleris, which has enhanced Hindalco's presence in premium market segments such as aerospace.

His interest in R&D has led to new product lines such as lightweight Aluminium-Intensive Battery Enclosures for the global EV industry, Lightweight Commercial Vehicles such as Aluminium Bulkheads and Trailers, and new housing infrastructure solutions. These innovations have led to the filing of over 75 patents across Hindalco-Novelis. Satish has

also directed investments for the development of cutting-edge Aluminium Alloy Sheet manufacturing technology for next-gen automotive panels with lower carbon footprints.

Mr. Pai's experience in managing complex, global operations date back to his 28-year career with oil and gas major Schlumberger, where his roles included Executive Vice President - Worldwide Operations, Vice President - Technology, and President of its software entity.

A highly-regarded influencer and spokesperson for the sector, Satish works to highlight the importance of Aluminium and Copper as strategic metals for sectors such as defence, automotive, packaging, aerospace and power. He advocates for industry through his positions as the Chairman of the International Aluminium Institute; Chairman, Non-Ferrous Metals at FICCI and Indian Institute of Metals; and Chairman of the Government Affairs Committee of the Aluminium Association of India. He is the Chair on the Vikaasa collation, formed by Xynteo, a purpose-driven organization. He also serves as Director on the boards of Aditya Birla Management Corporation Pvt. Ltd., and BP p.l.c

Mr. Satish Pai holds a Mechanical Engineering degree from Indian Institute of Technology (IIT) Madras. In his personal capacity, he holds a patent in directional drilling. Satish was conferred the 'Distinguished Alumni Award' by IIT Madras in 2017 and the Honorary Doctor of Letters (D. Litt) by Ajeenkya DY Patil University in 2020. He is also recent recipient of Honorary Doctorate from Utkal University in 2024.

During his tenure as a President of the Institute, Mr. Pai has contributed immensely as an Apex Member of the Institute.

His major initiatives in the last One Year include the following:

a) **Revival of IIM Student Affiliate Chapters:**

There are 46 Student Affiliate Chapters mapped to 24 Regular Chapters out of which only 27 were Active.

In order to revive these Chapters by increasing their participation in different levels, President, IIM along with Apex and Former Presidents initiated regular interactive sessions with the Younger Demographic.

Few Salient points of these discussions are given below:

- There is a need for IIM to visit various colleges/institutes where Metallurgy is taught to the students such that they can be attracted to join IIM under Catch Them Young Banner.

(Under Consideration by APEX)

- Executive Committees in various Regular Chapters must have representation from Students as Members /Invitees.

(Under Consideration by APEX)

- Proposal of waiver of Subscription Fee for admission as Student Member.

(Successfully implemented, as detailed later in this Report)

- Need of regular VC Meeting of Apex Committee with Student Affiliate Chapters where there is maximum attendance of Students.

(Four such Interactive Sessions were conducted via different modes in the Council Year 2023-24)

- Amongst the Social Networking sites, Instagram is most sought after by the Student Community and hence IIM's focus on media blitzkrieg should be more on Instagram to reach out to them effectively. WhatsApp Group of IIM Student Community can be considered. **(Being worked out)**
- Students with research orientation bent of mind should be assisted and advised to get into Universities Ph.D. programs. Top 5X Students could be guided and prepared for their interviews for Ph.D. programs.
(Under Consideration by APEX)
- Few Stalls to be kept reserved for Students Start-Ups during conduct of IIM-ATM event.
(Already implemented)
- Travel Allowance for Students for attending the IIM-ATM event as per rules and terms to be formulated by IIM. Apex recommended free accommodation and travel allowance for around ten (10) students each year for attending the flagship Event of IIM-ATM from next year onwards. IIM HO was advised to write to the Regular Chapters to receive suitable nominations from the student affiliate Chapters for attending IIM-ATM every year. It will be ensured that same student is not repeated twice such that there is sense of motivation and competition amongst students to take active interest in IIM activities.
(Being implemented)

Two IIM Student Affiliate Chapters, Government Polytechnic – Visakhapatnam and Kavi Nazrul University, Asansol were formed and inaugurated during his tenure, mapped to Vizag and Kolkata Chapter respectively.

b) **Inclusion of Student Affiliate Chapters in the COUNCIL:**

With an objective to strengthen the collaboration between the Student Affiliate Chapter, Regular Chapters & IIM HO, it was proposed by the President **to include at-least One (A Maximum of Two) Student Affiliate Chapter Representatives** every year as a part of the Council. This suggestion was implemented from Council Year 2023-24.

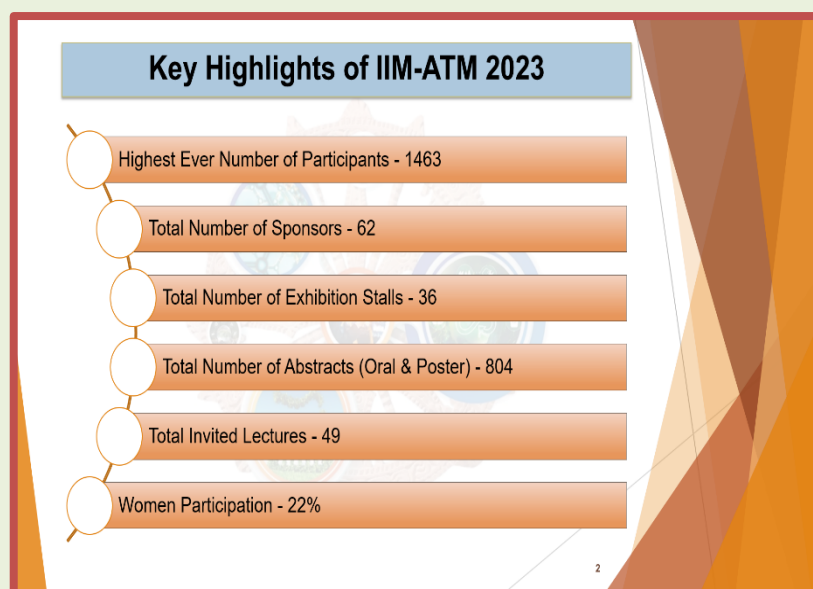
In addition to the above, it was further decided by the Council that Representatives from various Student Affiliate Chapters shall be invited in the Council meetings every year. Accordingly, 4-5 Student members from Active Student Affiliate Chapters would be identified by IIM HO for retention as permanent invitees in a particular Council Year. The students shall serve as Role Models and motivate other Student Affiliate Chapters to be active in organising various events and symposiums on regular basis.

c) **IIM-ATM 2023**

Council **recorded its appreciation** for the **commendable performance of IIM-ATM 2023 Organizing Committee** under the Leadership of Mr.Satish Pai, President, IIM and applauded the beforehand closure of IIM-ATM 2023 Accounts.

The Key highlights of IIM-ATM 2023 are given below in **Table II**

Table II



- ✓ **Total Surplus from IIM-ATM 2023:** A record Surplus of Rs. 2.43 Crore (Source of income: Sponsors, Exhibitors and Registrations), as shown in **Table III**. On the Expenditure side, the major heads were Hospitality, Exhibition and Website etc.
- ✓ **Surplus Sharing:** Rs. 50 Lakhs as Capital for Head Office and Rs 1.5 Cr as earmarked for Start Up Awards and with the Organising Chapter, IIM Bhubaneswar: received Rs 20 Lakhs, and, Rs. 5 Lakh each has been distributed amongst the Co-Organizing Chapters, Angul and Sambalpur respectively. The Surplus Sharing has been shown in **Table III & IV** respectively:

Table III

Final Financial Statement	
Particulars	Amount (INR in Lacs)
Total Gross Income (A)	₹ 510.74
Total TDS (B)	₹ 10.81
Total Net Income (C=A-B)	₹ 499.93
Total Expenditure (Z)	₹ 251.85
Fund Distributed (C-Z)	₹ 248.08

Table IV

Fund Distribution	
Category	Amount
IIM - Start-Up Fund	₹ 1,50,00,000.00
IIM - HO	₹ 63,08,000.90
IIM - Bhubaneswar	₹ 20,00,000.00
IIM - Sambalpur	₹ 5,00,000.00
IIM - Angul	₹ 5,00,000.00
IIM HO - Seed Money Refund	₹ 5,00,000.00
Total	₹ 2,48,08,000.90

To commemorate this flagship event, as a token of Remembrance, IIM-ATM 2023 Organizing Committee had awarded a Memento to IIM HO, having silver filigree work from Odisha as shown below in **Table V**

Table V
(Memento presented to IIM HO)



Council passed the following **Resolution** for Closure of IIM-ATM 2023 Bank Account.

Closure of IIM-ATM 2023 Bank Account:

“RESOLVED THAT the following Bank Account of IIM-ATM 2023 shall be closed and the Authorized Signatories of the IIM-ATM 2023 Bank Account be and are hereby severally authorized to do all such acts, deeds and things and to sign all such documents, papers and writing as may be necessary in this regard.”

Bank Name: ICICI

Current Account No Account Number - 242405500227

Branch Name - Jaydev Vihar Branch, Bhubaneswar

IFSC Code - ICIC0002424

“RESOLVED FURTHER THAT a certified true copy of the foregoing Resolution be forwarded to the Bank for necessary action at their end.”

- d) As an **excellent initiative to recognize and reward outstanding Startups and Ecosystem Enablers** that are building innovative products or solutions and scalable enterprises, with high potential of employment generation or wealth creation, demonstrating measurable social impact, an amount of **Rs. 1.5 Cr from the Total Surplus of Rs.2.43 Cr from IIM-ATM 2023 has been earmarked**. President brought forth to the Council Members that the Current Number of Awards and Prize Money under this Scheme of IIM Awards Start-Up Award is not attractive and requires enhancement in both numbers and amount, in consultation with IIM Awards Committee.

It was advised by the President to earmark a certain amount Funds which HO receives for Financial Support for Student Chapter Activities, IIM Branding and Visibility.

e) **Chapter's Performance:**

It was suggested to give targets for Membership Acquisition to respective Chapters in the following manner and same to be considered for award considerations:

Large Chapters: 20 % Increase in the Total Membership Strength with respect to the previous financial year

Medium Chapters: 15 % Increase in the Total Membership Strength with respect to the previous financial year

Small Chapters: 10 % Increase in the Total Membership Strength with respect to the previous financial year.

In one of the Council Meetings, based on earlier inputs from ACFP, it was opined that a **simplified proforma** for the **IIM Best Chapter Award** be made available to All Chapters.

Accordingly, wef FY 2023-24, IIM HO started collecting information from all Chapters with respect to the evaluating parameters and populate the proforma with the respective scores. The performance score card shall be made available on the Institute's Website for Chapters' information. - The Proforma has been made dynamic and being regularly updated on the website by IIM HO to bring in competitive spirit ([CHAPTER PERFORMANCE METRICS \(FY 2023-24\) \(iim-india.net\)](#)) .

f) **Release of Standard Operating Procedures (SOP) during Annual General Meeting 2024:**

In spite of being 78 years of the Institute, a comprehensive document of the Institute having Rules and guidelines was not available till date. Hence an effort has been made to collate all data from various sources, compile the existing rules and guidelines and amend them suitably wherever it is necessary. The purpose of this standard operating procedure (SOP) is to ensure that all staff responsible for release and deployment management are aware of the objectives, roles, and procedures involved in every process applied throughout the lifecycle of a release.

The SOP as prepared for the first time with the collective contributions of Members and Employees shall be launched by the President, IIM (2023-24), Mr. Satish Pai along with President, IIM (2022-23) , Mr. Sajjan Jindal during the 78th Annual General Meeting of the Institute.

2.3 IIM National Committees:

These Committees were formed for conceiving, shaping, and making suggestions to govern the operations and overall functioning of IIM in various areas.

The Committees and Sub-Committees are reconstituted generally every two years, except for the ACFP, APEX & IIM Awards Committees which are to be reconstituted every year, as per the prevalent guidelines.

The National Committees & their compositions for the Council Year 2023-24 are given in **Appendix II**.

2.3.1 Reconstitution of the Advisory Committee of Former Presidents [ACFP]:

The Advisory Committee of the Former Presidents (ACFP) comprises of the last Nine Former Presidents, barring the two immediate former Presidents. This convention is being followed since 2021-22 Council Year with a view to bring in more transparency and wider participation in the formation of the Committee.

Based on the above, the composition of ACFP for Council Year 2023-24 is given in **Table VI**.

Table VI
Constituents of ACFP [2023-24]

Names	Affiliation with IIM	Role
Mr. HM Nerurkar	Former President [2012-13]	Member
Prof. Kamanio Chattopadhyay	Former President [2013-14]	Member
Dr. R N Patra	Former President [2014-15]	Member
Mr. S S Mohanty	Former President [2015-16]	Member
Prof. Indranil Manna	Former President [2016-17]	Member
Dr. Biswajit Basu	Former President [2017-18]	Member
Mr. Anand Sen	Former President [2018-19]	Member
Dr. U Kamachi Mudali	Former President [2019-20]	Member
Prof. Amol A Gokhale	Former President [2020-21]	Member
Mr. Satish Pai	President [2023-24]	Member-Convener

2.3.2 Reconstitution of the IIM Awards Committee: The following composition of the Awards Committee for 2023-24 was approved by the Council in its meeting held on 6th October 2023.

Table VII
Constituents of IIM Awards Committee [2023-24]

Names	Affiliation with IIM	Role
Mr. Satish Pai	President	Member
Mr. Sajjan Jindal	Vice President [Ferrous]	Member
Prof. B S Murty	Vice President [Metal Science]	Member
Dr. Komal Kapoor	Vice President [Non-Ferrous]	Member
Dr. S V Kamat	Immediate Former President	Member
Dr. Sanak Mishra	Former President	Member
Dr. U Kamachi Mudali	Former President	Member
Brig. Arun Ganguli (Retd)	Secretary General	Member-Convener

2.3.3 Reconstitution of the Publications Committee:

*Chairman	Dr. SVS Narayana Murty	LPSC Trivandrum
*Co-Chairman	Dr. Bhanu Sankara Rao	IIT Hyderabad
Convener	Dr. Arup Dasgupta	IGCAR, Kalpakkam
Member	Prof. Satyam Suwas	IISc, Bangalore
Member	Prof. Pinaki Bhattacharyaya	IIT Hyderabad
Member	Dr. U. Kamachi Mudali	HWB, Mumbai
Member	Prof. Krishanu Biswas	IIT Kanpur
Member	Prof. S. Chatterjee	IEST, Shibpur
Member	Prof. Suhash Ranjan Dey	IIT Hyderabad
Member	Prof. (Ms.) J.D. Majumdar	IIT Kharagpur
Member	Prof. N.K. Mukhopadhyay	IIT BHU, Varanasi
Member	Dr. A. Nagesha	IGCAR, Kalpakkam
Member	Prof. N. Narasaiah	NIT Warangal
Member	Prof. Nagamani Jaya Balila	IIT Bombay
Member	Prof. K.K. Ray	Formerly with IIT Kharagpur
Member	Prof. B.C. Roy	NIT Rourkela
Member	Dr. K. Siva Prasad	NIT Thiruchirapalli
Member	Dr. Partha Ghosal	DMRL, Hyderabad
Member	Dr. C. Sudha	IGCAR, Kalpakkam
Member	Dr. Srinivasa Rao Bakshi	IIT Madras
Member	Dr. Atanu Ranjan Pal	Tata Steel Jamshedpur

The composition of the Publications Committee for the Council Year 2023-24 as approved by the Council in its meeting held on 6th October 2023 is given above in **Table VIII**.

During 2022-23, Dr. SVS Murty, General Manager, Materials Development and Production Group, Liquid Propulsion Systems Centre, VSSC, Trivandrum, took over as Chief Editor, Transactions of IIM and Prof. K Bhanu Sankara Rao, INAE Distinguished Professor, Dept. of Materials Sc. & Metallurgical Engg., IIT Hyderabad, took over as the Chief- Editor IIM Metal News for one year and continued in their respective positions for 2023-24.

2.3.4 Reconstitution of the IIM Chapter Relations Committee (CRC): The following composition of the IIM CRC for 2023-24 as given in **Table IX** was approved by the Council in its meeting held on 6th October 2023.

Table IX

Mr. S. S. Mohanty	Chairman
Prof. Sudhanshu Shekhar Singh	Co-Chairman
Brig Arun Ganguli (Retd)	Member
Dr. D. De Sarkar	Member
Mr. Lingaraja Jena	Member

Members of the IIM Chapter Relations Committee (CRC)	
Mr. Rajnish Goyal	Member
Dr. Divakar Ramachandran	Member
Prof. N. B. Dhokey	Member
Prof. Satyam Suwas	Member
Mr. Atish Sarkar	Member
Prof. N. K. Mukhopadhyay	Member
Dr. V. Anil Kumar	Member
Mr. Amol Dange	Member
Prof. Manjusha Thawre	Member
Dr. Rajendra Kumar Goyal	Member
Prof. Varinder Singh	Member
Mr. Jaiprakash Soni	Member
Dr. Chiradeep Ghosh	Convener/Secretary

2.3.5. The following composition for the Education & Examination Committee (EEC), as given in **Table X** was approved by the Council in its meeting held on 6th October 2024. Last two members as mentioned in the Table were co-opted later.

Table X

New IIM Education & Examination Committee Members 2023-25		
1	Prof S K Roy	Chairman
2	Prof P K Mitra	Controller of Examination
3	Prof P S Banerjee	Deputy Controller
4	Prof. Debalay Chakraborti	Member
5	Dr. Manojit Ghosh	Member
6	Dr G Balachandran	Member
7	Prof K S Ghosh	Member
8	Prof N K Mukhopadhyay	Member
9	Mr. A K Dutta	Member
10	Mr. L R Singh	Member
11	Dr. Argha Mazumdar	Member
12	Prof S Subramanian	Member
13	Prof Jyoti Mukhopadhyay	Member
14	Dr. Dibakar Ramachandran	Member
15	Dr. Chiradeep Ghosh	Member
16	Prof N B Dhokey	Member
17	Dr. Somnath Ghosh	Member
18	Prof. Rajib De	Co-opted Member
19	Prof. Madhumanti Bhattacharya	Co-opted Member

3. Significant Deliberations of Council Members

The business of the Institute is governed by the IIM National Council consisting of eminent members representing Academia, Industry, R&D including Defence, Atomic and Nuclear establishments. For efficient functioning, the Council appoints Committees to monitor various functions of the institute.

The Institute carries out its activities under three Divisions namely: Ferrous, Non-Ferrous and Metal Sciences through a large number of Chapters & Students Affiliated Chapters spread out across the country.

The affairs of the Institute are managed by a Council consisting of a Minimum of Eleven members and a maximum of 51 Members and 11 Office Bearers (1xPresident, 3xVice-Presidents, 1xImmediate Former President, 1xSecretary General, 1xJt.Secretary from President's Office, 1xHon.Treasurer, 2xChief Editors ,1xController of Examination).

The Council of The Indian Institute of Metals holds the responsibility for the Institute's overarching governance and management, encompassing tasks such as establishing strategic direction, overseeing financial management, appointing and supervising executive staff, ensuring compliance with legal requirements, and making decisions consistent with the Organization's mission.

Meetings: In the last Council Year, Six [06] Council meetings were held mostly through Video Conferencing and Hybrid Modes.

A] Financials (2023-24):

i) Institute's Budget for FY 2023-24:

The Overall Budget of the Institute for FY 2023-24 as was approved and adopted by the Institute is summarized as follows:

REVENUE BUDGET [In INR]

Income: 185.57 L

Expenditure: 147.28 L

Surplus: 38.29 L

CAPITAL BUDGET

Receipts: 28 L

Expenditure: 32.09 L

ii) Re-allocation of Budget for FY 2023-24

As approved in one of the initial Council meetings of the Council Year 2023-24, the Capital Budget of the HO for FY 2023-24 has been suitably re-modified for allocation of funds within the approved Budget for purchase of 8x ACs as replacements for the old vintage unserviceable Air Conditioners.

All 8x ACs (5* x 2 Tons Inverter) has been installed whose distribution has been as under: Conference Room: 02; Main Office: 03; SG's Office: 01; Auditorium: 02; Total Cost: Rs. 4 Lakh (Incl of GST) + Rs 50k as Installation Cost.

iii) Appointment of Internal Auditor for FY 2023-24

On Council's approval, the L1 quotation [Rs. 80,000/-] received from M/s Baid, Agarwal, Singhi & Co. was awarded the assignment of undertaking Internal Audit for FY 2023-24.

After FY 2018-19, for the next three years, FY 2019-20, FY 2020-21 & FY 2021-22, audit could not be completed on time due to late receipt of Chapter Accounts due to Covid-19 outbreak. Consequently, Audited Accounts could be placed only in an Adjourned AGM held at a later date.

Since FY 2022-23, a sincere attempt had been made to ensure that accounts can be passed during the AGM to be held in July. The Consolidated Audited Accounts and the Financial Statements for FY 2023-24 shall be placed before the Members for ratification and adoption, subject to Council's approval on 5th July 2024.

For FY 2023-24, the Auditors could incorporate the Audited Accounts received from 40 Chapters, out of the total receipts of 42.

- ❑ The following Chapters didn't submit the Audited Accounts for FY 2023-24
 - ✓ Bharuch
 - ✓ Khetrinagar
 - ✓ Kalinganagar
 - ✓ Roorkee (NIL Transactions)
 - ✓ Keonjhar (NIL Transactions)

Auditors' Report were not received on time from the following Chapters

- ✓ Paloncha
- ✓ Hazira (NIL Transactions)

The Consolidated Audited Accounts for FY 2023-24 including the Balance Sheet and Income / Expenditure Statements shall be placed before the AFRC during the course of its meeting for approval. Action **completed**.

iv) Income/Expenditure Statements and Balance Sheet for financial year ended 31st March 2024, and Report of Auditors for adoption in the 78th AGM.

A summary of the Audited Financial Statements of the Institute for FY 2023-24 along with the Balance Sheet for the year are given in **Table XI** as shall be placed during the 78th AGM of the Institute to be held on 20th July 2024 at Biswa Bangla Convention Centre, Kolkata for consideration, approval and adoption of the Members.

Table XI

Summary: Income/Expenditure Statement (Rupees in Crores)

Particulars	FY 2023-24	FY 2022-23
Total Revenue	8.93 Cr	9.63 Cr
Total Expenditure	6.34 Cr	8.55 Cr
Total Surplus	2.59 Cr	1.08 Cr

Table XII

Balance Sheet for FY 2023-24 in comparison to the previous year [Rupees in Crores]

Particulars	FY 2023-24	FY 2022-23
Equity & Liabilities	28.97 Cr	25.33 Cr
Assets	28.97 Cr	25.33 Cr

Qualified Opinions of the Statutory Auditors [FY 2023-24]

(As stated by the Auditors)

- i. Being an autonomous body, the Financial Statements of 47 Chapters included in the Institute's Financial Statements as on 31st March 2024 which were not audited by the Statutory Auditors since were independently done by each Chapter. This year, 47 xChapters; 1xEvent & 2xFund accounts were received as against the previous Financial Year 2022-23 where 38xChapters, 2xEvents and & 2xFund Accounts were received. Further, for FY 2023-24, the financial statements of 42 out of the total of 47 Chapters were received with 1 Chapter having its statutory audit unsigned /partially completed accounts which could not be incorporated in the Final Accounts. The financial statements of the balance above mentioned 41x Chapters, 1xEvent and 2XFunds have been audited by the Chapter auditors duly approved by the Council, whose reports have been furnished to the Statutory Auditors. Details of Financial Statements received from Chapters have been stated in Note no. 20(a), also including the details of Financial Statements not received.
- ii. Since the consolidated accounts of the Chapters were not homogeneous (i.e. not including the financial information of common chapters in all cases) the previous year's figures in the accounts are not comparable with that of the current year.
- iii. The Institute, instead Mercantile Basis, is following Cash Basis for accounting for Membership Income which is not in consonance with the relevant provision as per Companies Act, 2013.

- iv. In the Fixed Asset Register maintained in EXCEL format the required proper details showing full particulars, including quantitative details and situation of items under "Property, Plant and Equipment: have not been shown.
- v. In absence of production of relevant reports, Auditors were unable to comment whether the title deeds of Land & Buildings are in the name of the Company and also whether any physical verification of 'Property, Plant & Equipment's was conducted during this year.
- vi. No proper party wise details related to Trade Receivable, Trade Payable and Loans and Advances referred in Note 28, were made available to us. As a consequence, no letter for balance confirmation was issued.
- vii. Attention was drawn to Note No 5 & 11 of the Financial Statement and Statutory Auditor would like to state that due to non-availability of appropriate documentary evidence they have been unable to comment on ageing of Trade Payable and Trade Receivable. No documentary evidence for identifying MSME vendors are made available.
- viii. As stated in Note. 25 of Financial Statement, GST Input Tax Credit as per books was not reconciled with GSTR-3B in absence of relevant entries in Books of Accounts related to Chapter accounts though Input Tax Credits were availed of in GSTR -3B.
- ix. Attention was also drawn to Note no. 29 (Other investment – accrued Interest) where it was mentioned that out of Rs. 67,07,195/- shown therein an amount of Rs. 23,85,444/- was unreconciled due to non-availability of all audited accounts/Bank Confirmation.

Council shall pass the following resolution and give its consent to place the same before the Members during the 78th AGM for ratification and necessary adoption.

"RESOLVED that the Institute's Audited Income and Expenditure account and the corresponding Balance Sheet for the year ended 31st March 2024 and the Auditor's Report thereon be and is hereby approved & adopted by Members."

V) IIM-ATM 2024: Approval of Venue and Opening of Bank Account for IIM-ATM 2024

- a) **Approval of Venue & Schedule:** In its meeting held on 23rd November 2024 at Bhubaneswar, Mr. Lokendra Raj Singh, COO, JSW Steel Ltd. apprised the Council regarding the following Updates as given in **Table XIII (A, B and C)** being planned by the IIM-ATM 2024 Organizers:

Table XIII (A)

Organizers	<ul style="list-style-type: none"> ▪ IIM Vijayanagar Chapter ▪ IIM Bangalore Chapter ▪ IIM Dolvi Chapter ▪ IIM Salem Chapter <p>In association with JSW Steel Ltd</p>
City	Bengaluru, Karnataka
Dates	20 – 22 nd Nov 2024 (Wed-Thu-Fri)
Convenor	Dr. Dhiren Panda, R&D Chief, JSW Steel Ltd.

Council **approved** the Venue of Dr. Babu Rajendra Prasad International Convention Centre, Bengaluru for holding the Flagship Event of IIM-ATM 2024 between 20th and 22nd November 2024.

Table XIII (B)

Formation of Committees	Dec 2023
First Flyer	Jan 2024
Website Live	Feb 2024
Call for Abstracts/Last Date	Mar 2024/July 2024

Table XIII (C)

Key Events	<ul style="list-style-type: none"> • Completely Digital Approach (in terms of payments, invoices, receipts, registration etc) • Special Spouse Programs • Special Students' Programs • JSW Steel/Mysore visit • Large International Exhibition
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Council's deliberations:

- The Event's website designed and developed by the IIM-ATM 2023 Organizers shall be retained and shall be passed on to Head Office and subsequently to the Organizers of Next Year. This shall continue in the future with requisite updating as relevant for a particular year's event.
- The Council requested the next year's Organizers to invite the Academic Institutions to showcase their State-of-Art Products in Metals and Metallurgy Development in the Exhibition to be held during the Flagship Event. Finances may be worked out accordingly.

b) In its meeting held in February 2024, Council **approved the proposal** of the IIM-ATM 2024 Organizers to open a Current Account in the name of IIM-ATM 2024 and passed the following RESOLUTION:

"Resolved that a Current Account in the name of, 'IIM-ATM 2024' with the facility of withdrawal by cheques be and is hereby approved to be opened with ICICI Bank, Toranagallu Branch and the bank is hereby authorized to honor cheques, bills of exchange and other documents lodged with the bank provided these are signed jointly by any two of the following five officials appointed by the Organizing Committee as given under."

1. Mr. Lokendra Raj Singh, Chairman, Core Organizing Committee, IIM-ATM 2024
2. Dr. Dhiren Kumar Panda, Convener, Core Organizing Committee, IIM-ATM 2024
3. Mr. Amit Agarwal, Treasurer, Core Organizing Committee, IIM-ATM 2024
4. Mr. Somnath Guha, Hon. Treasurer, IIM
5. Brig Arun Ganguli (Retd), Secretary General, IIM

The Call for Nominations for IIM-ATM 2024 were published in the Awards Portal by Second Week of March. Members may apply accordingly.

c) Key Events Highlights

• Completely Digital Approach (Payments, Invoices, Receipts, Registration etc)
• Special Spouse Programs - Bangalore and other site seeing
• Special Students Programs - Interaction with Industry Stalwarts/IPR Awareness
• Large International Exhibition - Technology Suppliers/Startups/Student Projects
• JSW Steel/ Hampi visit - 4th day

d) Attendance and Conduct Highlights

Expected Total Delegates	- 2000
VVIPS	- 100
Students	- 400 +
Spouses	- 100 +
1. Nominated Student from each Chapter will be given free registration, accommodation, and to and fro travel charges	

2. Registration Fees and Sponsorship Tariff kept similar to last year

3. The Convention Hall has a seating capacity of 1900. Parallel Technical Sessions Rooms have a seating of 70 to 100. Front of the Auditorium is having large open space which can be utilized for poster Sessions and Technical Exhibits, along with hosting of Tea Sessions, Lunch and Dinner.

e) Estimated Revenue and Expenditure from IIM-ATM 2024

Table XIII (D)

Income	Expenditure
Sponsorship, Exhibition, Registration	Venue, Food, Accommodation, Travel, Kits, Cultural Program
+ 5.95 Crs	5.10 Crs
Expected Surplus : + 0.85 Crs	

VI) GST Registrations as on 31st March'24 & Status on recovery of GST Liabilities:

As on date, IIM Head Office and 35 Chapters of the Institute, encompassing 15 States are registered under GST Regime.

- Andhra Pradesh: Visakhapatnam
- Telangana: Hyderabad
- Chhattisgarh: Bhilai, Raigarh
- Haryana: Hisar
- Jharkhand: Jamshedpur, Ranchi, Bokaro
- Karnataka: Bangalore, Vijayanagar
- Kerala: Trivandrum
- Maharashtra: Pune, Mumbai, Ambernath, Dolvi, Nagpur
- Odisha: Rourkela, Bhubaneswar, Sunabeda, Angul, Kalinganagar, Sambalpur
- Tamil Nadu: Chennai, Kalpakkam, Coimbatore, Tiruchirapalli
- Uttar Pradesh: Kanpur, Varanasi
- West Bengal: Kolkata, B. E. College, Kharagpur, Durgapur, IIM HO
- Chandigarh: Chandigarh
- Delhi: Delhi
- Goa: Goa

VII) Half Yearly Audit to be implemented wef 2024-25 Financial year

The Opportunities for Improvements in the Current Audit Process has been identified. In order to eliminate the Auditors Opinions and streamline the Audit Process, the possibility of centralizing Audit is being explored. It was informed that IIM HO is looking out for a Statutory Auditor who can undertake Centralized Audit twice a year, as the current obligations with the Existing Auditor will get over after this Financial Year's Audit.

Considering the benefits of Centralizing Audit, Council has given **In- Principle Approval** for carrying the Audit of Chapters from HO wef 2024-25 for better monitoring and management.

Few Members expressed apprehension that One Auditor may not be able to reach out all Chapters at the same time, wherein it may be difficult to complete the process in a time bound manner. Council suggested that IIM Head Office may create a system in the ERP where all Chapters can upload the Financial Details in a common Platform for ease of access making the Audit Process simpler.

Based on the In-Principle Approval received from the Council, actions are being taken wef FY 2024-25.

B] General

i. Relinquishing of Services of the Secretary General, IIM on completion of 5-year term on 31st March 2023 & Induction of the Acting Secretary General, IIM wef 1st April 2023.

The Following Resolutions were passed by the Council in this regard:

‘RESOLVED that pursuant to the clauses in Sec8 of the Companies act 2013 and the Institute’s Memorandum and Association Articles, the appointment of Mr. Bhaskar Roy as an Acting/Temporary Secretary General for a period of 3 months wef 1st April 2023, till the selection of a new Secretary General, be and is hereby approved.’

‘FURTHER RESOLVED THAT In place of Mr. Kushal Saha, Mr Bhaskar Roy be empowered to carry out all actions, accomplishments, matters, and things considered necessary, appropriate, or beneficial, and to sign and start executing all required documents, implementations as required during the interim period, till the next Secretary General Comes on board’

ii) On completion of the Tenure of Mr. Kushal Saha, Secretary General (2018-23), the Council selected Brigadier Arun Ganguli (Retd) as the Secretary General of The Indian Institute of Metals whose appointment as the New Secretary General of the Institute for a period of 5 years (2023-28) was approved via Special Resolution during the 77th Annual General Meeting (AGM) held on 29th July 2023 at Tolly Club.

New Secretary General’s Profile in brief

- ❖ An ex-Army Officer from the Corps of Electronics and Mechanical Engineering in Indian Army, 60 years of age based out of Kolkata, who retired in Sept 2021 in the rank of Brigadier.
- ❖ Over thirty-seven years of diverse experience in the Indian Army in the field of Inventory Management, Operational Readiness and Repairs & Maintenance of Vehicles & Equipment, Management of Personnel and Resources as well as Dean of an Engineering Faculty in College of Military Engineering and Commander of Cadets Training Wing at Secunderabad.

SPECIAL BUSINESS:

To confirm appointment of the Secretary General by the Council of The Indian Institute of Metals w.e.f. 01. 08. 2023 and handing over charge by the Acting Secretary General Mr. Bhaskar Roy, and if thought fit to pass the following resolution as a **Special Resolution**

“RESOLVED that the appointment of Brig Arun Ganguli (Retd) as Secretary General by the Council of The Indian Institute of Metals, be and is hereby approved as per terms & conditions set out below:

a) Period:

Initially for a one-year term on probation, with effect from 1st August 2023, and then for four more years on confirmation, which may be extended further at the discretion of the Council.

b) Nature of Duties:

The Secretary General will function as Chief Executive Officer of The Indian Institute of Metals (IIM) and report to the President. He will carry out his duties under direction of the Council and under the supervision and control of the Council and the President. He will be responsible to carry out all related functions, as well as perform all duties of the Secretary General as defined in the ‘Memorandum and Articles of Association’ of the Institute and would endeavour to enhance the image and the functioning of the Institute. He will coordinate, promote and enhance the objectives with robust communications, skills and imagination.

c) Remuneration:

- Honorarium: Consolidated amount of Rs 84,500/- [Rupees Eighty-Four Thousand Five Hundred only] per month, subject to deduction of tax at source as per prevailing Income Tax Act.
- Conveyance: In addition to the Honorarium, re-imbusement of local transport expenses subject to a maximum limit of Rs 13,500/- [Rupees Thirteen Thousand Five Hundred only] per month.
- In addition, re-imbusement of all telephone charges relating to the Institute’s activities at actuals but not exceeding Rs 2,000/- [Rupees Two Thousand only] per month.
- The appointment shall be subject to termination by the employer by giving 1[One] months’ notice in writing. The incumbent may wish to resign from his position by giving 3 [Three] months’ notice to the employer.

Further to the appointment of Brig Arun Ganguli (Retd) as the Secretary General of the Institute, the following resolutions were passed by the Council Members

FURTHER RESOLVED THAT as the Secretary General of the Institute, Brigadier Arun Ganguli (Retd) is empowered to carry out all actions, accomplishments, matters, and things considered necessary, appropriate, or beneficial, and to sign and start executing all required documents, implementations as and when required’

Proposed by: Mr Atish Mondal, IIM Member

Seconded by: Dr Biswajit Basu, IIM Member

The Special Resolutions pertaining to the Appointment of Brig. Arun Ganguli (Retd) as the Secretary General of the Institute wef 1st August 2023 was approved and adopted by the Members in its 77th Annual General Meeting held on 29th July 2023 at Tolly Club, Kolkata.

iii) **Closure of Physical Library at HO:** The Physical Library had been dismantled. Approximately 4000 Books have been given as donation to various Chapters and Colleges. The existing Book-Shelves and Cases have been suitably re-modified/refurbished within existing resources and made use of internally at METAL HOUSE to maintain remaining rare Journals/Text Books/Various Important Documents as well Mementoes and Curios etc.

- ACs have been installed. The Space shall be utilized for Lunch during the First Day of the Annual General Meeting scheduled to be held at Metal House on 19th July 2024, and thereafter would be suitably used for other purposes.
- The Digital Library which was released during the Annual General Meeting 2022 is now fully functional and accessed by all Members of IIM.

iv) a. **AMIIM Court Case at Chamrajnagar:** The District Judge had given a legal direction in 2022 and 2023 respectively which was not acted upon on time by IIM. Our Appeal of condonation of Delay Period in National Consumer Dispute Redressal Commission (NCDRC), New Delhi also got dismissed on the ground of delay of 312 days in filing the petition without getting into merit of the case vide an order dated May 03, 2024 (received by us on May 11, 2024).

The Senior Legal Advisor, Hindalco; Acra Law Firm, Legal Advisor from IIM HO and Secretary General were all of unanimous opinion that the Case will not get favourable decision in favour of IIM at any higher courts and verdict will continue to go against IIM due to inaction at our end for a prolonged period of time after passage of judgement. Under this scenario it was decided to go for an Out of Court Settlement with the Petitioner. Further, collateral damage is envisaged to be limited since the case has come under Legal Limitation due to passage of time with no other Litigant involved currently except the Petitioner. Accordingly, the case has been settled by paying a Demand Draft of Rs.1.68 Lakhs as initially directed by the District Court in year 2019 along with interest as Full & Final settlement. The final Official Legal Order of the Ld. Disputes Redressal Commission,Charmarajnagar which was passed on June 15, 2024, on Page 3, stated that the Execution Petition so filed by the Complainant has been settled as final and closed.

iv) b. **AMIIM Court Case at Bilaspur (A Summary).** The timeline of this long outstanding case is as under:

- 14.9.2016 - Four Students (Beni Ram Sahu, Om Prakash, Omkeshwari Dewangan and Leeldhar Prasad Verma) filed a writ petition before a single bench of Hon'ble Chhattisgarh High Court arraying IIM also as one of the respondents on the ground of them not been called for interview while they have deemed to be qualified in the written examination for the post of Lecturer (Metallurgy) as advertised by Chhattisgarh Public Service Commission (CGPSC).
- 25.8.2017 - IIM filed an affidavit stating that there is no cause of action against IIM in the said writ petition and all queries raised thereafter from time to time by the court were suitable addressed.

- 19.12.2023 - Post hearing, vide an order dated December 19, 2023, The Hon'ble Court allowed the said writ petition and directed CGPSC to consider the case of the petitioners for appointment.
- 2.5.2024 – A counter appeal was thereafter filed before the Hon'ble High Court of Chhattisgarh by the State of Chhattisgarh & The Director, Directorate of Technical Education stating that the Order passed by the Learned Single Judge in WPS no. 4951/ 2016 is erroneous and bad in law.
- 13.6.2024 - The Hon'ble High Court of Chhattisgarh dismissed the case vide WA No. 325/2024.

v) In its meeting held on 26th February 2024, Council **approved** the proposal of IIM BE College to change its name to IIM Howrah Chapter with immediate effect, in order to attract Industries and Foundries in and around Howrah.

vi) Summary of the Salient Observations by AFRC

➤ Simplification in Membership Module and Amendment in Membership Fees wef FY 2024-25

The AFRC was entrusted with the responsibility of examining the possibilities of simplifying the Membership Module for ease of understanding and comprehension.

A Special Task Force constituting Chairman, AFRC, Mr. Bhaskar Roy; Co-Chairman, Dr. D De Sarkar; Member, Prof. Santanu Ray, Secretary General, Brig. Arun Ganguli (Retd) and Mr. Tamal Goswami, IIM Head -Office worked on the various aspects and placed a report before the Council as detailed herewith.

The changes recommended by the Special Task Force, pertaining to the Simplification in Module were initially approved by the Council in its meeting held on 23rd November 2024 and 26th February 2024 respectively.

Subsequently, the proposed changes were ratified and adopted by the Members through an Extraordinary General Meeting (EGM) of the Institute held on 5th March 2024 through Video Conferencing.

The following reasons were given to support the proposal in changes and amendments of the Membership Module and Subscription Fees.

- Currently, the Membership Module is having numerous membership codes which has made the methodologies in Membership cumbersome.
- Each Membership Codes bear different Subscription Rates making it unmanageable.
- With a view to simplify the nature and nomenclature of the Existing Membership Module, IIM should have only 5 categories of Membership viz. Ordinary Member, Student Member, Life Member, Professional Member and Corporate Category Member.
- Paid Delegates of IIM-ATM shall be offered Annual Membership for the period from November to July every year as Complimentary. A new category of '**IIM-ATM Complimentary Membership**' has been created, which has been made effective from IIM-ATM 2023.

❑ Provision of Paying Half Subscription Fees for Retired Individuals/ Enrolment taking place post October was considered as irrelevant and outdated, and hence, necessitated modification.

❑ Student Members have been exempted from Membership Subscriptions.

The following RESOLUTION was passed during the EGM

“**RESOLVED THAT** consent of the Members be and is hereby accorded to implement the following proposed additions, modifications and simplifications in the Nomenclature of Membership and Eligibility Criteria for Members of The Indian Institute of Metals, thereby amending Clause 2 of the Articles of Association of the Company (**Table XIV (A)** mentions the proposed additions and modifications in the Membership Categories and **Table XIV (B)** mentions the proposed changes in Eligibility Criteria), w.e.f 1st April, 2024, as approved by the Institute’s Council at its meeting (**362 /II /2023-24**) held on 23rd November, 2023, at KIIT, Bhubaneswar.”

Table XIV(A) (Proposed Modifications in Membership Categories)

A) Modifications in Corporate Categories	
Corporate Categories (Existing)	Corporate Categories (Proposed, Approved and Implemented)
1.Patron Member	1.Patron Member (No Change)
2.Donor Member	2. a) Donor Member (One – Time) b) Donor Member (Annual)
3. Sustaining Member (Large Scale)	Shall be Discontinued and existing members shall be mapped to Donor Member (Annual)
4. Sustaining Member (Small Scale)	
B) Modifications in Individual Categories	
Individual Categories (Existing)	Individual Categories (Proposed, Approved and Implemented)
1.Honorary Member (Honor)	1.Honorary Member (Honor)
2.Fellow Member (Honor)	2.Fellow Member (Honor)
3.Life Member (All Categories)	3.Life Member
4.Life Associate Member	Discontinued. No New Addition to be made.
5.Member	4.Member
6.Associate Member	Discontinued and existing members shall be mapped to Ordinary Members
7.Professional Member	5.Professional Member
8.Student Member (All Categories)	6.Student Member
9.AMIIM Student Member	Discontinued. No New Addition to be made.
C) Addition of New Categories	
Individual Categories (New)	
IIM-ATM Complimentary Member from November-July every year.	

Further to the aforesaid, the following changes in Years of Experience, Removal of Age Limit and Elimination of Clauses wrt Requirements of Endorsements of Former Presidents for Member Enrolment, as mentioned in **Table XV (A) and Table XV(B)** were also approved for implementation and necessary adoption.

Table XIV (B)

**Proposed Changes in Eligibility Criteria for Member
and Life Member to simplify the Module**

Category	Existing	Proposed, Approved and Adopted
Member and Life Member	<p>A candidate for admission to the class of Members or for transfer into the class shall not be less than 25 years of age; AND</p> <p>(i) Shall hold the bachelor's Degree in Metallurgy or equivalent discipline from an Institute recognised by the Council or should have passed Parts I and II Examinations held by the IIM with at least 3 years' experience.</p> <p style="text-align: center;">OR</p> <p>(ii) Shall hold a Master's Degree in Metallurgy or equivalent degree recognised by the Council and with one year experience;</p> <p style="text-align: center;">OR</p> <p>(iii) Shall hold a Bachelor's Degree in Engineering disciplines other than Metallurgy or equivalent or a Master's Degree or Doctorate in Physics or Chemistry or Geology with at least 5 years' experience;</p> <p style="text-align: center;">OR</p> <p>(iv) Shall be a Diploma Holder in Metallurgy with at least 6 years' experience;</p> <p style="text-align: center;">OR</p> <p>(v) Shall be a Diploma Holder in Engineering other than</p>	<p>A candidate for admission to the class of Members or for transfer into the class;</p> <p style="text-align: center;">AND</p> <p>(i) Shall hold the bachelor's Degree in Metallurgy or equivalent discipline from an Institute recognised by the Council or should have passed Parts I and II Examinations held by the IIM</p> <p style="text-align: center;">OR</p> <p>(ii) Shall hold a Master's Degree in Metallurgy or equivalent degree recognised by the Council</p> <p style="text-align: center;">OR</p> <p>(iii) Shall hold a Bachelor's Degree in Engineering disciplines other than Metallurgy or equivalent or a Master's Degree or Doctorate in Physics or Chemistry or Geology</p> <p style="text-align: center;">OR</p> <p>(iv) Shall be a Diploma Holder in Metallurgy with at least 3 years' experience;</p> <p style="text-align: center;">OR</p> <p>(v) Shall be a Diploma Holder in Engineering other than Metallurgy/B.Sc. with Physics, Chemistry,</p>

	<p>Metallurgy/B.Sc.with Physics,Chemistry, Mathematics/Geology and at least 7 years'experience;</p> <p>OR</p> <p>(vi) Shall hold a Degree from a recognised University and shall be proposed / recommended by at least 3 Past Presidents of The Indian Institute of Metals.</p>	<p>Mathematics/Geology and at least 3 years'experience;</p> <p>OR</p> <p>(vi) Shall hold a Degree from a recognised University.</p>
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Proposed by: Mr. M Borkar, Member, IIM

Seconded by: Mr. Bhaskar Roy, Member ,IIM

Table XIV (B) Contd.

**Proposed Changes in Eligibility Criteria for Member
and Life Member to simplify the Module**

Category	Existing	Proposed
Student Member	<p>Studying Bachelor's Degree in MetallurgicalEngineering / Bachelor's Degree in Engineering other than Metallurgy. /Studying Diploma in Metallurgical Engineering or studying B.Sc. with Physics,Chemistry, Mathematics/Geology Can be a student member till completion of Degree.</p> <p><u>Student Affiliate Member</u> A member of a Student Affiliate Chapter of the Institute.</p>	<p>Studying Bachelor's Degree in Engineering / Studying Diploma in Metallurgy / Studying B.Sc. with Physics, Chemistry, Mathematics/Geology / M. Tech. (Dual Degree) Can be a student member till completion of Degree.</p> <p><u>Student Affiliate Member</u> A member of a Student Affiliate Chapter of the Institute.</p>

Proposed by: Mr. B N Das, IIM Member

Seconded by: Mr. S K Datta,IIM Member

The proposed enhancement in Membership Fees since its last amendment in 2018, which had been long overdue, details as mentioned in **Table XIV(C)**

Mr. Pritish K Sen proposed the following Resolutions and Dr. D De Sarkar seconded it.

“RESOLVED FURTHER THAT consent of the Members be and is hereby accorded to implement the following proposed modifications in the subscription fees of The Indian Institute of Metals, thereby amending Clause 4 of the Articles of Association of the Company (**Table III** mentions the proposed additions and modifications in the Membership Subscription Fees) w.e.f 1st April, 2024, subject to the approval and finalization by the Council in its last meeting serialled as **#363 /III /2023-24**, as held at 14:00 hrs on the 26th February, 2024, through Video Conferencing.

RESOLVED FURTHER THAT any of the Directors of the Company be and is hereby authorized to make necessary E-Filings with the Registrar of Companies and to do all such acts, deeds and things, as may be necessary to give effect to the aforesaid resolution.”

Table XIV(C)

(Proposed Membership Subscription Fees wef 1st April 2024)

Category	Code	Admission Fees	Subscription Fees	Subscription Fees
		Existing Admission and Subscription Fees (INR)		Proposed Subscription Fees (INR)
1.Patron Member	PM	N.A.	2,50,000 (One-time)	No Change
2.Donor Member	DM01	N.A.	1,25,000 (One-time)	1,50,000 (One-time)
	DM02	N.A.	N.A.	15,000 (Annual)
3. Life Member	LM01	300	10,000 (One-time)	15,000 (One-time)
4. Member	OM01	300	1,000 (Annual)	1,500 (Annual)
5. Professional Member	PF	400	12,000 (One-time)	15,000 (One-time)
6. Student Member	ST01	100	500 (Annual)	Exempted (Both Admission and Subscription Fees)
7. IIM-ATM Complimentary Membership		New Category		Exempted

Following the Approval at the Extra-Ordinary General Meeting, the following Sequence of Action for Implementation for information to Members were adhered to for applying the changes in Company Records and necessitated the implementation of the same w.e.f 1st April, 2024.

- ❑ After Ratification at the EGM, MGT 14 was filed at the MCA site and ROC approval was obtained subsequently.
- ❑ The relevant portions of the Articles of Association of the Institute were modified for incorporating the necessary amendments in the Statute.
- ❑ Necessary Changes have been made on the Website and ERP Module for action.

The following feedback were received from the Members during the Extra-ordinary General Meeting of the Institute:

- The Criteria for awarding Fellowship of The Indian Institute of Metals may be examined so that the bandwidth can be expanded and more members can be admitted as Fellow of the Institute. It was advised by the Chair to take this up separately in a different forum, with the concerned Committee.
- There has been a discussion amongst Members regarding whether to consider individuals pursuing PhD and MTech as Student Members. As there had been a considerable disagreement to the proposal, Chairman of the Meeting advised that this shall be taken up by the Apex and Council subsequently to come to a resolution.
- It was suggested that Professional Members may be referred as Practicing Members for better relevance and clarity.
- It was observed that the Proposed Eligibility Criteria for Student Members doesn't cover the Diploma in Engineering disciplines and was requested to incorporate the same.
- The flagship event of IIM-ATM being held in the latter half of November since the last two years had made it difficult for the students to attend the same as they have their Semester Examinations during that time. Hence it was requested by some Faculty Members of various Institutes to explore the possibility of organizing it in the first half /mid half of November as had been a practice earlier.

4. Buildings / Premises owned by IIM

Details of Office Premises / Buildings owned by Head Office and Chapters are given in **Appendix III**.

5.IIM Events & Happenings of the Institute during 2023-24

The last Council year was vibrant with lots of activities being organised by Chapters, in physical, virtual and hybrid modes. All the Events have been featured extensively in the monthly editions of IIM Metal News for Members' information and participation.

a] MOUs signed between Chapters & Head-Office for Organizing Chapter Events:

A total of 13 Chapters have signed Memorandum of Understanding with IIM Head Office for organizing the respective Events as listed in Table XV. For details of the Events, the

respective Metal News Editions may be referred to, as were published during the specified period.

Table XV

Sl. No	Event Name	Event Date	Event Type	Organised by
1	Metallurgy for Non-Metallurgists: Industrial Practices	6-7.11.2023	Short Course	The Indian Institute of Metals, Hyderabad Chapter
2	Vision India@2047	16.12.2023	International Conference	The Indian Institute of Metals, Kolkata Chapter
3	Fundamentals and Advances in Mineral Engineering	18-22.12.2023	Refresher Course	The Indian Institute of Metals, Bhubaneswar Chapter
4	Metallurgy for Practitioners (Heat Treatment, Metallography, Material Testing)	10-12.1.2024	Short Course	The Indian Institute of Metals, Pune Chapter
		22-23.1.2024		
		6-7.2.2024		
5	Green and Sustainable Ironmaking	17-18.1.2024	International Conference	TATA Steel Ltd. and The Indian Institute of Metals, Jamshedpur Chapter
6	Sustainability in Metal Industries	2-3.2.2024	National Conference	The Indian Institute of Metals, Rourkela Chapter
7	Metallurgy for Practicing Engineers	9-10.2.2024	Short Course	The Indian Institute of Metals, Kalpakkam Chapter
8	Managing Energy & Environment in steel-based industries: Research, Technology Applications and Development of Eco-friendly & Energy-efficient equipment	28.2.2024	Seminar	The Indian Institute of Metals, B E College Chapter
9	METALLUM	20-21.3.2024	Technical Program	The Indian Institute of Metals, Howrah Chapter (Formerly B E College Chapter)
10	Nonferrous Metals & Material Science 2024	29-30.3.2024	International Conference	The Indian Institute of Metals, Kolkata Chapter
11	Artificial Intelligence in Materials Engineering (AIME-2024)	19-20.4.2024	Course	The Indian Institute of Metals, Kalpakkam & Chennai Chapter
12	Science, Technology and Applications of Rare Earths	21-23.8.2024	International Conference	The Indian Institute of Metals, Trivandrum Chapter
13	Aluminium Industry – Vision 2030	25-27.9.2024	Conference & Exhibition	IBAAS

B) Head Office Event

IIM Foundation Day:

The 78th Foundation Day was celebrated at IIM Head Office on February 24, 2024. The celebration commenced with the welcome speech of Brig Arun Ganguli (Retd), Secretary General, IIM who extended a warm welcome to all delegates, members, and employees present.

He expressed his gratitude to Former Presidents, Apex, Council Members, Chapter Office Bearers, Committee & Sub-Committee Members and the entire fraternity for their immense contributions in various capacities. It was reiterated that the growth of IIM from 42 to over 8,000 Members spread through 47 Regular and 46 Student Affiliate Chapters in a span of 77 years is a testament to its success.

The Delegates were welcomed by a melodious composition by Ms. Nabatara Mitra from IIM HO. Later, video messages received from Shri Satish Pai, President, IIM and from Dr. Komal Kapoor, Vice President (NF division), IIM were played.

A 5 minutes documentary on the "Journey of IIM since Inception" was run through.

Ms. Nabatara Mitra was applauded for her commendable performance and was conferred with an Award of Appreciation.

Other dignitaries were invited on the dais to share few words on the auspicious day. Prof. Uday Kumar Chatterjee, former Managing Editor of IIM Metal News, Mr. Bhaskar Roy, Chairman of AFRC, Dr. Santanu Ray, former Managing Editor of IIM Metal News, Dr. Asim Ray, former Chairman of IIM Kolkata Chapter, Dr. Sukomal Ghosh, former Managing Editor of IIM Metal News, Mr. Sudip Kumar Basak, Chairman IIM Kolkata Chapter delivered inspiring speeches that highlighted the glorious past of the Institute. The Members took the Audience through their reminiscences on IIM's journey so far, and also suggested the way forward which will continue to IIM soaring greater heights.

C) International Collaborations/Events

Following have been the Developments in the last Financial Year.

Materials Australia

Dr Dipankar Banerjee, Former President, IIM and Chairman, International Relations Committee attended Light Metals 2023 at the invitation of Materials Australia and made a keynote presentation on Dwell fatigue in Titanium Alloys. He discussed with the President, Materials Australia, the possibility of Indo Australia workshop under the umbrella of Materials Australia and IIM (without any financial obligation of the two institutions) and received support for the idea. Details are being worked out with Prof Simon Ringer of the University of Sydney for 2025.

TMS, USA

Dr Dipankar Banerjee and Dr Vilas Tathavadkar attended the TMS 2024, USA and attended a special meeting with the President TMS and his senior council.

TMS agreed to consider an MOU with IIM with a focus on encouraging student participation in TMS IIM annual meetings.

As a follow up, President TMS has sent a mail to Dr Banerjee wishing to participate in the 2024 IIM meeting.

The Council **approved** the following plans and advised International Relations Committee, IIM-ATM 2024 Organising Committee and IIM Head Office for necessary and timely Execution:

- ❑ Invite Presidents / senior reps of TMS, JIM, GDDB and Materials Australia to the IIM ATM 2024 (with a registration waiver)

It was suggested to set aside an hour during ATM each year to hold a joint meeting between these invitees and the Apex Committee members of IIM. This shall help in making the Collaboration strong and long lasting. Additionally, it was suggested by some of the Council Members that the International Representatives can also present during a separate Session in various Capacities, if their expertise falls under the scope of International Symposium and Annual Technical Meetings.

An Exhibition space may also be allocated to them for displaying their Brochures and Pamphlets. During their Visit, care must be taken to ensure proper hospitality by deputing someone from the Organizing Committee to look after and conduct them effectively and exclusively.

- ❑ Invite nominations of two scientists from each of these Organizations to participate in the ATMs with a registration waiver to speak at any of the technical sessions of the ATM

IIM may explore the possibility of inviting two scientists from Bangladesh / Vietnam/ other south east Asian countries to participate with a registration waiver to speak at any of the technical sessions of the ATM.

Salient Points

- In order to keep a track of the unaccomplished tasks in a Presidential tenure, it was suggested that during the Annual General Meeting every year, there should be a presentation indicating the Accomplishments in a particular tenure, highlighting the unfinished work which needs to be taken forward by one's Successor. This shall keep up the relevant concerns and issues alive and ensure its logical conclusion.
- It was pointed out that ASM-IIM Proposal needs to be finalized by IIM. A Few IIM Members mentioned that the Clause indicating sharing of Membership Database being sensitive should be removed. However, other Clauses in the agreement may remain intact. Secretariat Office at IIM Head Office was requested to do the necessary amendments as was proposed by the Members of the International Relations Committee (IRC) and finalize the Agreement at the earliest.

- Next President of ASM-IIM shall be invited to attend IIM-ATM 2024.
- Further to the aforesaid deliberations, Council **approved** the following Recommendations of International Relations Committee (IRC) for Selection of Speakers for JIMM Fall Meeting this year.
- Individuals from abroad who are members of the Editorial Board of Transactions of IIM can also be invited.

Representative from IIM who would represent IIM at the JIMM Fall Meeting to be held in September 2024

- ❑ Prof. Amol A Gokhale
Professor, Department of Mechanical Engineering, IIT Bombay and
Former President, IIM
and
Member: International Relations Committee (IRC)
- ❑ Selected Speakers from IIM for the theme on Advanced Science & Technology in Magnesium and Magnesium Alloys
 - Speaker 1 (Senior Category)
Prof. Jayant Jain
Professor, Dept. of Materials Science and Engineering, IIT Delhi
 - Speaker 2 (Younger Category)
Prof. Jaiveer Singh
Associate Professor,
Dept. of Metallurgical and Materials Engineering,
IIT Jodhpur

As per the agreement with the Societies, registration fee for the conference shall be waived from JIMM side. It was reiterated that based on Council's Approval in one of its previous meetings, Selected Speakers are entitled to receive an amount of Rs. 1 Lakh /- each from IIM as a partial support for travel to attend International Conference.

6. Publications

A) Transactions of IIM: An update

- ❑ Impact factor of TIIM has increased from 1.35 (2021) to 1.5 (2023).
- ❑ Drop in TIIM revenue from Springer 84.27L (2021) to 73.52 L (2022).
- ❑ TIIM has already released 12/2023 issue
- ❑ Articles printed in 2023 till now: 333 with 3512 pages. Article rejection rate: 60% for 2023.

- ❑ Two special issues were released in 2023 (Issue 2/2023 on Additive Manufacturing and Allied Technologies and Issue 9/2023 on Tribology - Materials, Properties and Processes).
- ❑ Metal News is cleared for production for October 2023.
- ❑ Two books (**Indian Metallurgy – The Platinum Years**; **Handbook of Materials Science**) have been released during IIM-ATM 2023.
- ❑ TIIM Best Reviewer Awards holding a prize money of 250 Euros each was awarded to the five recipients as mentioned below in **Table XVI**:

Table XVI

Name	Affiliation
Dr. SAI KARTHIK NOUDURU	Bhabha Atomic Research Centre BARC · Materials Processing Division
Dr. ANIRBAN PATRA	Associate Professor, IIT Bombay
Madhavi Yarlagadda	ARCI: International Advanced Research Centre for Powder Metallurgy and New Materials
SUBRATA PANDA	NIT Rourkela
Prafful Sinha	Bhabha Atomic Research Centre BARC · Materials Science Division

TIIM Standing

- ❑ Online first articles: 115
- ❑ Issue available online: Up to December 23 completed
- ❑ Articles with authors for revision: 72
- ❑ No. of hardcopies printed: 50
- ❑ Reviewer Appreciation Certificates (displayed in Journal URL)
- ❑ TIIM availability of IIM Members: Free online access
- ❑ Default limited time open access articles: Best papers in Ferrous (SAIL Gold Medal) and non-Ferrous area, SI articles

Council approved the following proposals of the Publications Committee

- Accommodating Springer Best Paper/ Review Appreciation Awards with gift vouchers, in the IIM Awards function wef 2023 at KIIT, Bhubaneswar, which will be continued henceforth as an Annual event.
- Priority may be given by the organizers of ATMs to include TIIM Editorial Board members as Speakers/Session Chairs/Judges.
- IIM Metal news may be made public which can be downloaded by all after certain time.
- IIM will look for reputed Indian publishers for releasing text books of affordable value for Students and Scholars.

Impact Factor & Revenue from TIIM (Springer) [Table XVII A&B]

XVII [A]

Year	Impact Factor	Year	Impact Factor
2010	0.160	2017	0.910
2011	0.205	2018	1.176
2012	0.215	2019	1.205
2013	0.427	2020	1.499
2014	0.615	2021	1.391
2015	0.502	2022	1.6
2016	0.533	2023	1.50

XVII [B]

Year	Royalty (in Rs. Lakhs)	Year	Royalty (in Rs. Lakhs)	Year	Royalty (in Rs. Lakhs)
2011	8.22	2015	46.37	2019	100.18
2012	17.53	2016	52.37	2020	103.25
2013	22.18	2017	62.70	2021	93.64
2014	27.38	2018	77.20	2022	82.00
2023: Rs. 112.79 Lakhs					

B] IIM Metal News: An update

1. Editorial Board has been reconstituted w.e.f. April 2023.
2. Quality of technical articles has improved significantly.
3. Twelve issues were published in the financial year 2023-24. April, May, June, July, August, September, October, November, December 2023, and January, February, March 2024.
4. The twelve issues constituted around 16 technical articles, including memorial lectures, namely, GD Birla Gold Medal Lecture, Prof. N. P. Gandhi Memorial and Dr. Daya Swaroop Memorial Lecture.
 - Exclusive interview of Dr. S.K. Jha, C & MD, MIDHANI was published in May 2023 issue of IIM Metal News.
 - The regular features were: Recent Developments, News Update, Chapter Activities, Seminars & Conferences, Members News, Achievements, Events Calendar and Metal Statistics.

- E-copy of the journal is available in the website www.iim-india.net which is accessible to all the IIM Members.

Advertisers in FY 2023-24

[In alphabetical order]

- ABS Instruments Pvt Ltd
- Amace Solutions Pvt Ltd
- Chennai Metco Pvt Ltd
- Durgapur Steel Plant, SAIL
- Hindalco Industries Ltd
- Indian Rare Earths Limited
- ITW India Private Limited
- JSW Steel Limited
- M N Dastur & Company (P) Ltd
- MIDHANI
- Nuclear Fuel Complex
- Rashtriya Ispat Nigam Limited
- SAIL
- Star Testing Systems
- Tata Steel Limited

The total Revenue for IIM Metal News for the FY 2023-24 is **Rs. 13.65 Lakhs.**

C] E- Library for IIM Members

As on 31st March'24, the process of digitization of the Physical Library at IIM-HQ has been completed. Finally, almost 9.65 L pages have been digitized. All the contents are available in the internal server which can be accessible through IIM's Website. The Login Credentials to enable the reading access have been provided to the Members by the IIM-HQ. However, copy / print / download facilities have been blocked on all the contents.

Furthermore, as a part of the donation and gifting process of the physical copies of the Books, all the Chapters and Student Affiliated Chapters were informed to show their willingness to get the Books as complimentary from HQ. And, based on their interests, the Books were distributed amongst five Chapters and three Student Affiliated Chapters. The names of the Chapters are as given below:

- a. Baroda Chapter
- b. Vijayanagar Chapter
- c. Jamshedpur Chapter
- d. Pune Chapter
- e. Nagpur Chapter
- f. NIT AP Student Affiliate Chapter
- g. Kazi Nazrul University Student Affiliate Chapter
- h. NIT Durgapur Student Affiliate Chapter

7.A) ASSOCIATE MEMBERSHIP (AMIIM) EXAMINATION Highlights:

The trend in the number of candidates appearing for AMIIM examination is given in **Table XVIII**.

Table XVIII
(Yearly Comparison of AMIIM Candidates)

Yearly comparison of AMIIM Candidates											
Year / Students Enrolled & Qualified		2019 (Dec)		2020 (Dec)		2021 (Dec)		2022 (Dec)		2023 (Dec)	
		Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
Dec	Part-I	11	4	9	3	3	0	7	1	10	2
	Part-II	156	48	95	35	54	20	38	14	27	14
	Subtotal	167	52	104	38	57	20	45	15	37	16
Total		167	52	104	38	57	20	45	15	37	16

Highlights:

Recommendations of the Education & Examination Committee [EEC]:

a) AMIIM & Short-Term Courses

The Call for Registration for appearing in December 2023 AMIIM Examination has already been advertised in the IIM's Website before the decision of discontinuation of AMIIM was taken. As on today, once Admission has been granted and Membership being valid for 4 years as per AMIIM rules, the student will get 8 years, till 2030 to successfully complete the examination, which also includes the provision of giving repeated exams of maximum three attempts on failing to pass the Exam.

b) The total number of Students who appeared were 45 in 2022 and 37 in 2023.

c) It was suggested that in the times to come, the conduct of the examination may not be economically viable with depleting strength of Students appearing for the Exam. Therefore, a decision needs to be taken on bringing down the number of Examination Centres from three to one. Members of the EEC unanimously agreed to the decision of the Controller of Examination that wef 2024, IIM HO at Kolkata will be the exclusive Centre of Examination.

The same shall be implemented subject to Approval of the Council

d) Council suggested the Controller of Examination to study the backlogs of Students still to clear Part I and Part II across subjects and locations. Based on the analysis, Examination Committee to recommend to the Council Member in the next meet possible solution such that the balance exams can be conducted and brought to its logical conclusion at the earliest.

e) Since AICTE recognition of AMIIM has been decoupled since 2013 by the Govt of India, the number of registrations has dropped drastically. Accordingly, based on the findings of the Examination Committee, a Resolution needs to be passed by the Council regarding suitable time additionally required for discontinuation of AMIIM conducted autonomously.

B) Short-Term Courses (Held in Virtual/Hybrid mode)

- A Repeat Course on Data Science was successfully held in June 2023
 - ✓ Total number of Attendees: 110 [40 Individuals & rest Corporate [12] nominations]
 - ✓ Estimated Revenue: Rs. 6.6 L
 - ✓ Amount realized as on 4th July'23: Rs. 5.33 L
 - ✓ Honorarium paid to Instructors: Rs. 84,000 for 12 hours [Actual payment made: Rs.70k]
 - ✓ Net surplus: **Rs. 5.9 Lakhs**

- “A workshop on SEM, EBSD, and EDS Technique: Theory and Hands On” was successfully conducted by Prof Sushil Mishra, IIT Bombay and Council Member, IIM from 01-04 Sept 2023 wherein total Number of Participants were 82, out of which 25 have been Individual enrolments and the rest were Organizational Enrolments.

The Net Surplus from the Course was approximately **Rs.4.5 Lakhs**.

- A glimpse of the last course held on Data Science in June 2023 [Repeat Module]
Total number of attendees: 110 [40 individuals & rest Corporate [12] nominations]
Estimated Revenue: Rs. 6.6 L
Amount realized as on 4th July 23: Rs. 5.33 L
Honorarium paid to Instructors: Rs. 84 k for 12 hours [Actual payment made: Rs.70k]
Net Surplus: **Rs. 5.9 L**

- A 3-Days Short term Course conducted in February on Performance Excellence through TQM were attended only by 13 Participants, mostly organizational participants and Non-Members. The Total Revenue from the Course was only Rs. 1.3Lakhs, wherein a Surplus of **Rs.60,000/-** was recorded.

Salient Observations

- Based on the Participants List and Responses received from various Industries and Institutes for the Courses being Conducted so far, its Database is being maintained at HO which can be utilised for future Courses.
- The SPEC shall create an effective SOP to avoid/reduce any arbitrary decisions while organizing a particular Course.
- Few of the Upcoming Courses would focus on Failure Analysis of Strategic Materials. The faculties have been identified as Prof. Rahul Mitra and Dr R Balamuralikrishnan for the first one and Dr Bhanu Shankar Rao for the latter.

■ A Costing & Remuneration Model was evolved during initiation of the courses. The same model may be reworked where both hybrid, physical & virtual modes for conducting the courses may be considered. A slab wise costing structure for in-person courses can be worked out to avoid any ad-hocism. It has now been known that IITs/ Institutes will charge for using their labs/infrastructure, which shall also be included while creating the Revenue Model.

■ Since these Short-Term Courses have been instituted to act as alternative Revenue Generation Tools in place of AMIIM. It was suggested that the IIM HO could facilitate in conduct of these Courses by taking care of the Logistics and Cost-Modules. If required, a person may be hired on temporary basis for taking care of the same.

■ Hardcopies of Certificates for the Participants of various Courses in the future may also be looked upon as a possibility.

■ Efforts are put forth for conducting at least One(1) Course in Two(2) Months. However, difficulties are faced in getting on board Technical Experts who can contribute some time and knowledge in this Learning & Development Initiative of the Institute.

8.) Recommendation of the Other Committees:

Recommendations of the Chapter Relations Committee (CRC)

Two meetings of the CRC were held in July and November 2023 respectively. The 47x Chapters were requested to adhere to the following guidelines as specified by IIM Head Office based on recommendation of Apex /ACFP Committees and President's Directives:

- Sending Monthly Activity Report regularly. Format of Reporting to be circulated by Head Office for uniformity and better comprehension.
- Convene AGM by June each year and intimation of re-constitution of EC to Head Office
- Post signing of MoU between HO and respective Chapter for a conduct of an event, the account to be closed and audited within 3 months and subsequent surplus to be timely shared with HO (specified ratio as stipulated in MoU).
- Conduct of Half Yearly as well as Annual Audit by November and June every year from FY 2024-25. The suggestions also include that important document (property, assets, finances, statutory related) to be shared and held with HO for its safe-custody and repository.
- Chapters to achieve annual allotted targets as approved by the Council in their membership drive (as a regular activity at least once in a Quarter).
- Earnestly pursue the defaulters for revival of membership.
- It was suggested that IIM HO will plan and carry out regular chapter visits with primary agendas being membership drive by Chapters, GST, audit related issues and regularization of finances, various compliances etc.
- GST Registered Chapters to provide soft copies of all invoices of all output/ input transactions to IIM HO on weekly basis as Input Tax Credit (ITC) cannot be claimed without details of invoices as per audit regularly.
- Regularizations & Compliances: Chapter Office Bearers were requested to be responsible and accountable for informing the monthly activities being held/organised by them and signing of MOUs between Chapters and HO as shall be applicable.

Currently, No Timely information is received as regard conduct of Event/Seminars from most Chapters.

❑ Recommendations of the Swarna Jayanti Endowment Fund (SJEF) Committee

- Re-Constitution of the Committee: Considering the suggestion of the Council to nominate Former Presidents as Trustees (Members) of the Trust Fund, it was unanimously decided to induct Mr. S S Mohanty (Former President, IIM) as one of the Trustee Member of the SJEF Committee. However, for the Selection Committee of the Awardees, other members may be nominated.
- It was suggested that considering SJEF's fund position, travel assistance of Rs 35,000 may be given every year to 5 candidates. Additionally, one more candidate can be considered if there is an exceptional case in any particular year.
- In order to popularize the Grant, it was suggested to include Registration /Conference Fees for attending the Conferences/Seminars, as a part of the Partial Grant given to the students.
- The SJEF Meetings to be held more frequently, preferably through VC at least thrice a year including the timeline of AGM & IIM-ATM.

9.IIM Memorial Lectures: A total of 9 Memorial lectures was organised by various Chapters during the year as listed below in **Table XIX**

Memorial Lectures [Table XIX]				
Sr. No	Title	Date / Place	Speaker	Topic
1	31 st Prof AK Seal Memorial Lecture	29 th July 2023, Tolly Club	Dr. Sandip Ghosh Chowdhury, Chief Scientist, MST Div, NML, Jamshedpur	"Nano-Pearlite formation: a pathway to design high speed rails"
2	39 th Prof. Brahm Prakash Memorial Lecture 2023	9 th September, 2023 Bangalore	Mr. TV Narendran CEO & MD, Tata Steel Ltd.	"Challenges and opportunities for the Indian steel industry in the next 25 years"
3	16 th Dr Dara P Antia Memorial Lecture	2 nd November, 2023, Pune	Prof P. M. Ajayan, currently the Benjamin M. and Mary Greenwood Anderson professor of Engineering at Rice University	"Nanoengineered Materials - Challenges and Opportunities."
4	3 rd O P Jindal Memorial Lecture	4 th November 2023 Vijayanagar	Prof. N Viswanathan, HOD and Sajjan Jindal Steel Chair Professor, Dept of Metallurgical	"Challenges and Opportunities in Indian steel Industry".

			Engineering & Materials Science, IIT Bombay	
5	15 th Dr. Placid Rodriguez Memorial Lecture	5 th October, 2023 Kalpakkam & Chennai	Dr. Komal Kapoor, Chairman and Chief Executive, Nuclear Fuel Complex (NFC), Hyderabad and Vice President (Non-Ferrous Div.) of IIM	“Role of Texture in Fabrication and Performance of Alloys in Nuclear Applications”
6	5 th Padmashri Dr. Baldev Raj Memorial Lecture	10 th April, 2023, Kolkata, Kalpakkam, Chennai & Coimbatore	Dr Sanak Mishra, Former Managing Director, SAIL, Rourkela Steel Plant, Former President of IIM & INAE	“Evolution of Steel Technology and Current Indian Steel Scenario”
7	6 th Padmashri Dr. Baldev Raj Memorial Lecture	9 th April, 2024, Trivandrum, Kalpakkam- Chennai	Dr. G. Madhavan Nair, Former Chairman, ISRO & Former Secretary, DSO, Govt. of India	‘Space: The Next Frontier for Human Exploration’
8	2 nd Srikumar Banerjee Memorial Lecture	25 th April 2023, Mumbai	Prof. Kamanio Chattopadhyay Former President, IIM and Professor , IISC Bangalore	“Physical Metallurgy at dissimilar interfaces: The evolving insights”
9	Dr. M S Khan Memorial Lecture	8 th August 2023 Jamshedpur	Mr. Ujjal Chakrabarti Managing Director, JCAPCPL and Chairman, CII Jharkhand State Council	“The Steel: Material of Choice-Past, Present , Future”

10. MEMBERSHIP: A Way forward

Details of Amendments made in the Membership Module and the implementation thereof has already been mentioned in the earlier part of the Report.

❑ **IIM Honorary Members**

Honorary Members are elected every year by the IIM Awards Committee & IIM National Council from among those who have rendered meritorious service in the IIM designated fields of interest. Recipients of Honorary Membership in 2023 is enclosed herewith as **Appendix III**.

❑ **IIM Fellowship [Fellow Members]**

Fellow Members are elected every year by IIM Awards Committee in consultation with the IIM Apex body, from the nominations received each year. A Fellow is a member of a group that works together in pursuing mutual knowledge or practice. Recipients of Fellowship in 2023 is enclosed as **Appendix IV**.

Overall Membership of the Institute [Table XVIII]

Category	<2019 - 20>		<2020 - 21>		<2021 - 22>		<2022 - 23>		<2023 - 24>	
	Actuals		Actuals		Actuals		Actuals		Actuals	
Summary	31.03.20		31.03.21		31.03.22		31.03.23		31.03.24	
Industry	52		48		42		49		52	
Individual										
Life Member (Hon. Member + Fellow + Life Member + Life Associate)	6,297		6,424		6,533		6,829		7,419	
Others (Member+ Associate Member)	434	6,731	207	6,631	286	6,819	280	7,109	171	7,590
Individual: non voting	2		2		2		2		3	
ATM Complimentary Membership									17	
BE Met	13		12		4		19		28	
BE Met (St. aff. Chapters)	180	193	294	306	377	381	427	446	456	484
AMIM Students		86		84		53		70		94
Dip. In Met. +BE (Mech.)	14 [9 ST Affiliate Chap Member]		19		97 [92 ST Affiliate Chap Member]		82 [64 Student Affiliate Chapter Member]		82 [65 Student Affiliate Chapter Member]	
Total Members	7,078		7,090		7,394		7,758		8,322	
Paid Partly:	+5 Fellows+83		Fellows + 78 LM		Fellows+80 LM+4		Fellows+83 LM +		fellow+84 LM + 1 Prof	
Total IIM Member	7167		7174		7479		7848		8412	

*Please refer to **Appendix V** for getting a glimpse of the Membership Status of the Institute across categories in 2023-24. The list of Student Affiliate Chapters is given in **Table XIII**.

Table XIX
(Status as on 31st March 2024)

Sl. No	Chapter		Student Affiliate Chapter at College / Institution	IIM Student Affiliate Member
				As on 31.03.24
1	Trichy	a)	N I T, Trichy	NA
2		b)	JayaramCollege of Engg	
3		c)	MAM College of Engg,	
4		d)	J J College of Engineering	
5		e)	Shri Angalamman College of Engineering & Technology	
6		f)	Care Group Trichy	
7	Pune	a)	Pune Institute of Engineering Technology, Pune	NA
8	Mumbai	a)	IIT, Mumbai	14
9	Coimbatore	a)	PSG College of Engineering, Coimbatore,	114
10		b)	Rathinam Technical campus at Coimbatore	
11		c)	Kongu Engg. College,Thoppupalayam.Perundurai, Erode	
12	Visakhapatnam	a)	AU College of Engineering, Visakhapatnam,;	98
13		b)	Jwaharlal Nehru Technological University Kakinada	
14		c)	University College of Engineering Vizianagaram	
15		d)	NIT Andhra Pradesh	
16		e)	Govt. Polytechnic College, Visakhapatnam	
17	Nagpur	a)	NIT, Nagpur	NA
18	Kolkata	a)	Jadavpur University,Kolkata	35
19		b)	Kazi Nazrul University, Asansol	
20	Angul	a)	Indira Gandhi Inst. of Tech., Sarang,Dhenkanal, Angul	NA
21	Hyderabad	a)	Mahatma Gandhi Institute of Tech., Hyderabad	93
22		b)	Jawaharlal Nehru Technological University, Hyderabad	
23		c)	NIT,Warangal	
24		d)	Rajiv Gandhi University of Knowledge Technologies	
25		e)	Mahindra Ecole Centrale College of Engineering	
26		f)	IIT Hyderabad	
27	Chandigarh	a)	Dept. of Met. , Punjab Engg.College,Chandigarh	NA
28		b)	Sant Longwal Institute of Engg & Technology, Chandigarh	
29	Varanasi	a)	Dept. of Met., IIT, BHU, Varanasi	NA
30	Kanpur	a)	I I T, Kanpur	03
31	Bhopal	a)	Moulana Azad National Institute of Technology, Bhopal	NA
32	Salem	a)	Govt.College of Engg., Salem	NA
33	Delhi	a)	N I T, Srinagar	NA
34		b)	University of Petroleum and Energy Studies, Dehradun	
35	Jamshedpur	a)	BIT , Sindri	NA
36	Kalpakkam	a)	CK college of Engineering and Technology (CKCET), Cuddalore, Kalpakkam ;	6

37		b)	AV Institute of Technology, Paiyanoor	
38	Raigarh	a)	OP Jindal University, Panjipathra, Raigarh	1
39	Bhilai	a)	NIT, Raipur	NA
40	Ranchi	a)	National Institute of Foundry & Force Technology, Ranchi	NA
41	Sambalpur	a)	VSSUT, Burla, Sambalpur	26
42	Durgapur	a)	NIT Durgapur	60
43	Rourkela	a)	NIT Rourkela	36
44	Keonjhar	a)	GEC-Jamunalia	35
Total (As on 31.03.2024)				521

11. Accolades

We congratulate our Members for the Awards and Honours received by them during the year. The detailed list is given in **Appendix VI**.

12. From the President's desk

I would like to thank Dr. Samir V Kamat, the Immediate Former President, for his significant contribution in steering the institute towards improvement in various domains throughout the past year. I would also like to acknowledge the exemplary efforts of our Former Presidents who have set high standards, elevating IIM to a unique position among industrial and academic institutions.

As India undergoes a transformative phase and takes on a leading global role, IIM has the unique opportunity to act as a catalyst in bridging the gap between the evolving technology requirements of industries and the research and development efforts of academic institutions.

The rapid adoption of Electric Vehicles (EVs) and the growth of its ecosystem have ushered in new and exciting prospects for the metals and materials sectors to develop indigenous supply chains. This is a great opportunity for IIM. Through knowledge sharing, joint research, and technology transfers, IIM can enable the seamless integration of cutting-edge materials into EV components, supporting India's ambition to become a global player in the electric mobility space.

At the same time, the metal industry is facing major sustainability challenges such as GHG emissions, zero discharge and waste management. Here, the vast knowledge base of IIM members becomes valuable. The institute can proactively engage with industries and government institutes to develop sustainable practices, leveraging research and expertise to devise eco-friendly processes and waste reduction techniques. By actively contributing to the formulation and implementation of sustainable practices, IIM can help the metal industry attain its environmental goals and contribute to India's broader commitment to combat climate change.

The non-ferrous and ferrous industries, research and educational institutes share a symbiotic relationship that is central to the growth and progress of the manufacturing landscape. By aligning our efforts and expertise, we can together power the Make in India movement - creating a cycle of innovation and collaboration that propels the metal industries forward, making them more competitive and resilient on the global stage.

To achieve this vision of co-creation and industry acceleration, collaboration among research and educational institutions, industry stakeholders, and government bodies is paramount. Through joint research projects, technology transfer initiatives, and knowledge-sharing platforms, we can foster a vibrant ecosystem of innovation. This ecosystem will empower researchers, engineers, and entrepreneurs to translate cutting-edge ideas into practical solutions that benefit the metal industries and society.

I had the opportunity of working closely with my distinguished Vice-Presidents - Mr. Sajjan Jindal, Prof. B. S. Murty, and Dr. Komal Kapoor, as well as all the Council Members and Office Bearers of IIM, to continue the new initiatives started by my predecessors. As we push these initiatives - encompassing membership drives, the enrolment of younger members, and specialised training programs - we recognize the pivotal role that diversity plays in driving innovation and progress. By promoting diversity within the IIM, we foster an environment where ideas, experiences, and talents converge, propelling us towards novel solutions.

In my tenure as the President of IIM, I have tried to strengthen the ties of IIM with international metal societies like GDMB, JIIM, ASM, and Materials Australia.

I eagerly look forward to the proactive support of the Members in our collective mission to establish IIM as a global institute of excellence for the Metallurgy & Materials industry and research and academic institutions.

13. Post-face & Conclusion

The Indian Institute of Metals [IIM] strives hard to create added value for its members in the fraternity. Everything we do is aimed at providing our members with attractive offers, impressive solutions and expert advice. Our Council, Apex Body, Chapters, Committees and HO employees apply this strategy to our operational business every day. Their passion, their dedication and their wealth of ideas bring our Institute's vision to life – both internally and externally. It is because of them that our Institute is able to retain excellence in all endeavour.

We would like to thank everyone who dedicated their time and expertise to the metallurgical fraternity on behalf of all our members.

Together, we will take this Institute to greater heights of success in 2024-25.



Brig Arun Ganguli
Secretary General, IIM



Satish Pai
President, IIM

Kolkata, 05 July 2024



Appendices [I - VII]

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PATRON

Mr. R M Dastur

Dr. Baba Kalyani

ADVISORY COMMITTEE OF FORMER PRESIDENTS

Mr. H. M. Nerurkar Mr. S S Mohanty Mr. Anand Sen

Prof K Chattopadhyay Prof Indranil Manna Dr. U. Kamachi Mudali

Dr R N Patra Dr. Biswajit Basu Dr. Amol A Gokhale

COUNCIL MEMBERS (2023-24)**PRESIDENT**

Dr. Satish Pai

**VICE PRESIDENT &
CHAIRMAN: FERROUS
DIVN**

Mr. Sajjan Jindal

**VICE PRESIDENT &
CHAIRMAN: METAL SCIENCE
DIVN**

Prof. B S Murty

**VICE PRESIDENT &
CHAIRMAN: NON-
FERROUS DIVN**

Dr. Komal Kapoor

**IMMEDIATE FORMER
PRESIDENT**

Dr Samir V Kamat

SECRETARY GENERAL

Brig Arun Ganguli (Retd)

HON. TREASURER

Mr. Somnath Guha

**CONTROLLER OF
EXAMINATIONS**Prof Prodyot Kumar
Mitra**CHIEF EDITOR
TRANSACTIONS**Dr. S.V.S. Narayana
Murty**CHIEF EDITOR
METAL NEWS**Prof K Bhanu
Sankara**JT. SECRETARY,
PRESIDENT'S OFFICE**

Dr. Vilas Tathavadkar

MEMBERS

Prof. Amit Arora

Prof. Suddhasatwa Basu

Dr. Debashish Bhattacharjee

Dr. S K Jha

Mr. Praveen Jain

Mr. Atish Mandal

Dr Anup Kumar Mandal

Mr. Arun Misra

Prof. B K Mishra

Mr. Bibhu Prasad Mishra

Dr. Suman Kumari Mishra

Prof. Sushil K Mishra

Mr. Dilip Oommen

Mr Barun Roy

Mr. Sanjay Sharma

Mr. Arun Kumar Shukla

Dr. Dheepa Srinivasan

Dr Avanish Kumar Srivastava

Mr. Lokendra Raj Singh

Prof. Satyam Suwas

Dr. B. Venkatraman

Mr. Hemanta Kumar Tripathy

Dr. Ashok Kumar

Dr M. Vasudevan

Mr Lalit Kumar Pahwa

Mr. Sharad Suryawanshi

Mr. Arun Kanti Bagchi

Dr Vinod Nowal

Mr. B K Tiwari

Dr Arijit Saha Podder

Dr. Anupam Agnihotri

Mr Moreshwar Borkar

Mr. Shishir Kumar Patra

Mr. Debasish Mallick

Mr. Sudip Kumar Basak

Dr. S. Manjini

Mr. R Raj Kumar

Mr. Bhimasen Pradhan

Dr. V. Anil Kumar

Mr Amarendu Prakash

Mr Deependra Singh

Mr Chaitanya Bhanu

Mr Anirban Dasgupta

Dr Ramanuj Narayan

Prof N V Ravi Kumar

Dr D Satish Kumar

Dr Dhiren Kumar Panda

Dr G Balachandran

Dr Rajesh Raghavan

Mr. Bhaskar Roy

IIM National Committees

Advisory Committee of Former Presidents (2023-24)		Education and Examination Committee (2023-25) Contd.	
Mr.H M Nerurkar	Member	Dr. Somnath Bose	Member
Prof.Kamanio Chattopadhyay	"	Prof Jyoti Mukhopadhyay	"
Dr. R N Patra	"	Prof N K Mukhopadhyay	"
Mr S S Mohanty	"	Dr. Arghya Majumder	"
Prof Indranil Manna	"	Mr. L R Singh	"
Dr.Biswajit Basu	"	Dr. Dibakar Ramachandran	"
Mr. Anand Sen	"	Prof S Subramanian	"
Dr. U, Kamachi Mudali	"	Prof Rajib Dey	"
Dr. Amol A Gokhale	"	Prof Madhumanti Bhattacharyya	"
Mr Satish Pai [President 2023-24]	Convener	Publications Committee [2022-24]	
Administration & Finance Review Committee (2022-24)		Dr. SVS Narayana Murty	Chairman
		Dr. Bhanu Sankara Rao	Co-Chairman
Mr. Bhaskar Roy	Chairman	Dr. Arup Dasgupta	Convener
Dr. D De Sarkar	Member	Prof. Satyam Suwas	Member
Mr. S N Guha	"	Prof. Pinaki Bhattacharyya	"
Dr. Debashish Bhattacharjee	"	Dr. U. Kamachi Mudali	"
Dr Santanu Ray	"	Prof. Krishanu Biswas	"
Dr. Asim Kumar Roy	"	Prof. S. Chatterjee	"
Mr. Pritish K Sen	"	Prof. Suhash Ranjan Dey	"
Mr Sudip Kumar Basak	"	Prof. (Ms.) J.D. Majumdar	"
Brig Arun Ganguli (Retd)	Member-Convener	Prof. N.K. Mukhopadhyay	"
IIM Awards Committee (2023-24)		Dr. A. Nagesha	"
Mr. Satish Pai	Chairman	Prof. N. Narasaiah	"
Mr. Sajjan Jindal	Member	Prof. Nagamani Jaya Balila	"
Prof. B S Murty	"	Prof. K.K. Ray	"
Dr Komal Kapoor	"	Prof. B.C. Roy	"
Dr Samir Kamat	"	Dr. K. Siva Prasad	"
Dr. Sanak Mishra	"	Dr. Partha Ghosal	"
Dr U Kamachi Mudali	"	Dr. C. Sudha	"
Brig Arun Ganguli (Retd)	Convener	Dr. Srinivasa Rao Bakshi	"
Education and Examination Committee (2023-25)		Dr. Atanu Ranjan Pal	
Prof S K Roy	Chairman	IIM Swarna Jayanti Trust (2023-25)	
Prof P K Mitra	Convener & Controller of Exam	Trustees:	Trustees:
Prof P S Banerjee	Member	Dr. Satish Pai	Ex-officio
Dr. G. Balachandran	"	Brig. Arun Ganguli	Ex-officio
Prof. Debalay Chakraborti	"	Dr. Komal Kapoor	Invitee
Prof N B Dhokey	"	Mr. H. M. Nerurkar	Nominated
Mr. A K Dutta	"	Dr. Sanak Mishra	Nominated
Dr. Chiradeep Ghosh	"	Prof Kamanio Chattopadhyay	Nominated
Prof K S Ghosh	"	Mr. Bhaskar Roy	Nominated
Dr.Manojit Ghosh	"	Mr. S S Mohanty	Nominated
	"		

Chapter Relations Committee (2023-25)		IIM Swarna Jayanti Endowment Committee (2023-25)	
Mr. S S Mohanty	Chairman	Prof. B. S. Murty	Member
Prof. Sudhanshu Shekhar Singh	Co-Chairman	Prof. Rahul Mitra	"
Brig Arun Ganguli (Retd)	Member	Prof. Dipak Mazumdar	"
Dr. D. De Sarkar	"	Dr. Jyoti Mukhopadhyay	"
Mr. Lingaraja Jena	"		"
Mr. Rajnish Goyal	"	International Relations Committee (2022-24)	
Dr. Divakar Ramachandran	"		
Prof. N. B. Dhokey	"	Dr. Dipankar Banerjee	Chairman
Prof. Satyam Suwas	"	Dr. Shrikant Joshi	Member
Mr. Atish Sarkar	"	Dr. Amol A Gokhale	Member
Prof. N. K. Mukhopadhyay	"	Dr. Debashish Bhattacharjee	Member
Dr. V. Anil Kumar	"	Dr. U Kamachi Mudali	Member
Mr. Amol Dange	"	Dr. Anup Kumar Keshri	Member
Prof. Manjusha Thawre	"	Brig Arun Ganguli (Retd)	Member - Convener
Dr. Rajendra Kumar Goyal	"		
Prof. Varinder Singh	"		
Mr. Jaiprakash Soni	"		
Dr. Chiradeep Ghosh	Convener/Secretary		

DETAILS OF IIM PREMISES AT H.O. AND CHAPTERS

SI No	Location	Ownership / Leasehold / Rented	Area	Status
1	IIM H.O., Metal House, Salt Lake, Kolkata	Ownership Building	6600 sq ft	Operational
2	IIM Delhi Chapter, Jawahar Dhatu Bhavan, 39, Tughlaqabad Inst. Area, M. B. Road, New Delhi 110 062	Ownership Building	11000 sq ft	Operational
3	IIM Durgapur Chapter, Dhatu Bhavan, Jawaharlal Nehru Avenue, Durgapur 713 205	Leasehold Building	800 sq ft (1 st phase completed)	Operational
4	IIM Baroda Chapter, Kapil Towers, 1 st Floor, Old Padra Road, Opp. GEB Colony, Baroda 390 015	Ownership Building	2200 sq ft	Operational
5	IIM Bangalore Chapter, Aeronautical Society of India Building, Suranjan Das Road, Bangalore	Leasehold	200 sq ft (One Room)	Operational
6	IIM Jamshedpur Chapter, Room No.: 14, Russi Mody Centre for Excellence, Circuit House Area, Jamshedpur 831 001	Rental	200 sq ft (One Room)	Operational
7	IIM Trichy Chapter, Kailasapuram Township, BHEL, Trichy 620 014	Room Alloted by BHEL, Trichy	200 sq ft One Room	Operational
8	IIM Mumbai Chapter, Flat 303 A, Hill View Apts., Surya Nagar, Hariyali Village, Near Vikhroli Telephone Exchange, LBS Marg, Mumbai 400 079	Ownership Flat	560 sq ft	Operational
9	IIM Kolkata Chapter Flat # 6, 3 rd Floor, Block : E-15, Rajdanga, Nabapally, Kolkata 700 078	Ownership Flat	490 sq ft	Operational

2023 IIM HONOURS & AWARDS

Recipient	Purpose
IIM-JRD TATA AWARD	
Mr TV Narendran, MD & CEO, Tata Steel Ltd	Excellence contributions in Corporate Leadership in Metallurgical Industries
IIM HONORARY MEMBERSHIP	
1. Dr S V Kamat Secretary, Department of Defence R&D & Chairman, DRDO, & Immediate Former President, The Indian Institute of Metals	Distinguished services and contributions to the Metallurgical Profession, Industry and The Indian Institute of Metals.
2. Mr Kushal Saha Former Secretary General, The Indian Institute Of Metals	Distinguished services and contributions to the Metallurgical Profession and Industry.
3. Dr Debasis Mukherjee Former ED & In-Charge on RDCIS, SAIL, Ranchi	Distinguished services and contributions to the Metallurgical Profession and Industry.
FELLOWSHIP (Established in 1991)	
1. Prof Arvind Agarwal Distinguished University Professor Chair, Mechanical and Materials Engineering Director, School of Biomedical, Materials and Mechanical Engineering (SBMME), Florida International University	Significant contributions to the Metallurgical Profession.
2. Prof Rahul Mitra Professor, Dept. of Met & Mat Engg, IIT Kharagpur	Significant contributions to the Metallurgical Profession.
3. Mr. Vinay Vasant Mahashabde Chief R&D And Product Technology, Tata Steel	Significant contributions to the Metallurgical Profession.
4. Dr. Manjini Sambandam Vice President (Technical Services And R&D), Jsw Steel Ltd., Salem Works	Significant contributions to the Metallurgical Profession.
5. Mr. Jaiteerth R Joshi Program Director, DRDL, Hyderabad	Significant contributions to the Metallurgical Profession.
6. Dr. C.K. Asnani Chairman & Managing Director, Uranium Corporation of India Limited	Significant contributions to the Metallurgical Profession.

Recipient	Purpose
TATA GOLD MEDAL (Established in 1980)	
Mr Bibhu Mishra Advisor, Manufacturing Center of Excellence, Hindalco Industries Ltd.	Significant contributions to the Metallurgical Industries and to the advancement of the art and science relating to the Metallurgical Science / Metallurgical Industries.
G D BIRLA GOLD MEDAL (Established in 1985)	
Dr Raghavendra Tewari Outstanding Scientist & Associate Director, Materials Group Head, Materials Sc. Division, BARC	Continuing and outstanding Research Work in the field of Materials Science and Technology.
HINDUSTAN ZINC GOLD MEDAL (Established in 1991)	
Ms. Vaishakhi Salil Nandi Senior Manager (Lab.), HAL	Significant contributions to Non – Ferrous Metallurgical Industries and to advance the art and science relating to Non – Ferrous Metallurgical Industries.
TSL NEW MILLENIUM AWARD (Established in 2014)	
Mr Sharad Raghunath Surwayanshi ED(Works), SAIL, Rourkela Steel Plant	Original contributions in the area of blast furnace based Iron making including process improvements, raw materials selection, preparation, agglomeration, improvements in operating practices, alternative iron making processes.
NALCO GOLD MEDAL (Established in 2006)	
Mr Kausikisaran Misra Head-Operations(Alumina Refinery), VP, Utkal Alumina International Ltd.	Distinguished contributions to the Aluminium Industry, based on Research / Production in the fields of Bauxite, Alumina, Aluminium and its products in India.
DISTINGUISHED EDUCATOR AWARD (Established in 2009)	
Prof. Rajib Dey Jadavpur University Jointly with Prof. Narendra B Dhokey College of Engineering Pune	Distinguished services to the Metallurgical Education and to The Indian Institute of Metals.

Appendix – IV Contd.	
Recipient	Purpose
IIM DISTINGUISHED CONTRIBUTOR AWARD (Established in 2017)	
Mr Ramen Datta Consultant, SRTMI	To honor individuals who has made outstanding contributions or given exemplary support to The Indian Institute of Metals in all possible endeavours
IIM – CERTIFICATE OF HONOUR (Established in 2008)	
Mr Prem Ganesh Head Ventures, Tata Steel Ltd	Commendable work in membership development, interaction with students / colleges, coordination with IIM Head Quarters and the office bearers.
DR. A. K. BOSE GOLD MEDAL (Established in 1972)	
Mr. Reddi Jaswanth Sai Department of Metallurgical and Materials Engg., IIT Kharagpur	Best M.E. Thesis on : "'Understanding Deformation Behavior Of Magium Under Nanoindentation',
VIDYA BHARATI PRIZE (Established in 1978)	
Mr. Swarnendu Das University of Pennsylvania, USA	For securing highest marks in order of merit in final B.Tech, B.E./B.Sc. Engineering in Metallurgy.
IIM STUDENTS' PRIZE (Established in 2001)	
1st Prize: Mr. Saurav Mohanty, NIT Rourkela 2nd Prize : Mr. Ramyanil Raha, NIT Durgapur 3rd Prize : Mr. Sohan Kr Panda, NIT Rourkela	Presented for jointly securing the highest marks in order of merit in the final B Tech examination during 2020-21 academic session among all National Institutes of Technology /Indian Universities / Engineering colleges
BEST CHAPTER AWARD (Established in 1982)	
Large : 1 st Prize : Kalpakkam 2 nd Prize : Bhubaneswar Medium : Chennai Small : 1 st Prize: Kanpur 2 nd Prize: Bokaro	The IIM Best Chapter Awards were awarded to encourage Chapters for overall performance. From 2000 Chapters are awarded plaques for retention & display at Chapter Offices.

Recipient	Purpose
PROF. BRAHM PRAKASH MEMORIAL MATERIALS QUIZ (Established in 1993)	
<p>Winners: IIM Chennai CHAPTER</p> <p>1. Master R Shyam Sundar & 2. Maste Arjun Ananthakrishnan : PSBB Senior Secondary School, Chennai</p> <p>Runners-Up : IIM Angul CHAPTER</p> <p>1. Master Nissim Sahoo & 2. Master Yash Pratap Singh : Delhi Public School, Angul</p>	<p>Prof. Brahm Prakash Memorial Materials Quiz is aimed at creating an awareness among school students and motivating them to choose their career in Materials Science and Engineering</p>
IIM ASM LECTURESHIP (Established in 1979)	
<p>Year 2023 CATEGORY: Age > 40 years</p> <p>Prof. Krishanu Biswas Professor, Dept. of Materials Sc. & Engineering, IIT Kanpur</p>	<p>The program, established in 1979 between ASM and The Indian Institute of Metals [IIM], is intended to promote international co-operation and provide useful service to ASM and IIM Members.</p>
<p>Year 2023 CATEGORY: Age < 40 years</p> <p>Prof. Nikhil Dhawan Assistant Professor, Dept. of Metallurgical & Materials Engg., IIT Roorkee</p>	

Recipient	Purpose
IIM NATIONAL SUSTAINIBILITY AWARD : IRON & STEEL	
The Quality Awards were instituted by the Ferrous Division of The Indian Institute of Metals in 1991 to encourage Quality Competition. The Awards are in the categories of a) Integrated Steel Plants , b) Secondary Steel and Alloy Steel Plants and c) DR Plants / Pig Iron Plants / Major Rolling Units	
a) Integrated Steel Plants :	1 st Prize: Joint Winners: JSW Steel Ltd., Vidyanagar & Tata Steel Ltd., Jamshedpur
b) Secondary Steel / Alloy Steel Plants :	1 st Prize : Joint Winners JSW Steel Ltd.,Salem Works, Salem & Jindal Stainless Ltd., Hisar
c) DRI Plants / Pig Iron Plants / Major Re-rolling Units	Kirloskar Ferrous Industries Limited, Koppal
IIM NON-FERROUS BEST PERFORMANCE AWARD	
The Quality Awards were instituted by the Non-Ferrous Division of The Indian Institute of Metals in 2002 to encourage Quality Competition. The Awards are in the categories of a) Units / Plants of Large Integrated Production Organization , b) Secondary processing / fabrication plants of Non-Ferrous product , c) Units engaged in casting and forging of Non-Ferrous Metals & its Alloys.	
a) Large Integrated Manufacturing Plants:	1 st Prize: Hindustan Copper Ltd.
b) Secondary processing / Fabrication plants of Non-Ferrous Product	Hindalco Industries, Hirakud
c) Units engaged in casting and forging of Non-Ferrous Metals and its Alloys	Jain Resource Recycling Pvt Ltd.

Conferences, Seminars, Workshops, Quiz programs & Activities organized by Chapters and Divisions during 2023-24: 1 Apr, 2023 – 31st Mar, 2024

Date / s	ACTIVITY			
Bokaro				
May 4 2023	AGM			
May 24, 2023	Technical Talk	Mr Deepak Roy, CGM, CRM I&II, BSL	"Identification of Flexible rotors and their balancing "	AGM+ 1 Technical Talk
Bhubaneswar				
February 24, 2023	1 Day National Conference on "Recent Advancements in Iron Steel Industries and Emerging areas" jointly organized by IMMT, Bhubaneswar			ATM + AGM+1 National Conference+1 Course+1 EC Meeting
September 24, 2023	AGM			
December 18-22, 2023	5 days Refresher Course, collaborated with CSIR-IMMT, Bhubaneswar		"Fundamentals and Advances in Mineral Engineering" (FAME-2023)	
March 18, 2024	EC meeting			
Bangalore				
September 26, 2023	Technical Talk	Prof. Daniel Neumaier, University of Wuppertal, Chair of Smart Sensor Systems, 42119 Wuppertal, Germany, AMO GmbH, Otto-Blumenthal-Str. 25, 52074 Aachen, Germany	"Flexible CMOS logic based on TMDC 2D materials".	1 Technical Talk

Baroda				
October 01, 2023	AGM			AGM
Dolvi				
November 10, 2023	Lecture	Mr. Neelkant, Manager - R&D in JSW Steel Dolvi works	'Failure analysis of metallic components in steel plant'	2 Lecture
November 17, 2023	Lecture	Mr. Neelkant, Manager - R&D in JSW Steel Dolvi works	'Case studies of misinterpretation of laboratory scale test/ investigation data'	
Delhi				
July 8, 2023	AGM			
26th August 2023, 28th October 2023, 16th December 2023, 10th February 2024	EC Meetings			AGM+ 4 EC Meetings+ 1 Plant Visit+ 1 Meeting
September 23 2023	Plant Visit, M/s Samyak Metals, Dharuhera, Haryana			
September 27-29 2023	Meeting with HYVE			
Hyderabad				
April 17-18, 2023	2 days National Seminar on Advanced Materials and Processed, co-organized with MGMT Hyderabad			1 National Seminar+ 1 Expert Talk+ 1 Short Course
August 01, 2023	Expert Talk on Education 4.0, co-organized with IIM MGIT Hyderabad Students' Chapter	Prof U Kamachi Mudali, Vice Chancellor, HBNI		

Hyderabad Contd.			Appendix - V	
November 6-7, 2023	2 days short course	"Metallurgy for nonmetallurgist-industrial practices" – MNM 2023		
Hazira				
December 12, 2023	IIM Membership Drive			1 Membership Drive
Jamshedpur				
June 26 2023, 25 July 2023, 12 September 2023, January 8th, 2024 and January 16th, 2024	EC Meetings			5 EC Meetings+ 5 Technical Talk+ AGM+ 1 Felicitation Program+ 1 Quiz+ 1 International Conference
June 8-9, 2023	Behind The Teacher's Desk (BTTD-2023) national level Students' Seminar On Materials & Metallurgical Engineering at CSIR-NML Auditorium, Jamshedpur			
June 29, 2023	Technical Talk	Prof Satishchandra Ogale (Director, RISE, TCG-CREST, Kolkata, & Emeritus Professor, Dept of Physics & Centre for Energy Science, IISER, Pune		'Emergent Battery Chemistries and Materials: The Emergent Scenario and Future Challenges'.
July 6, 2023	Technical Talk	Mr Shiva Rama Rao (IT Consultant for Digitalisation of Manufacturing Industry, ISO-9001 & 45001 Auditor with IRQS)		'Implementation of Industry 4.0 in Steel Industry'.
July 27, 2023	AGM			

Jamshedpur Contd		Appendix - V	
August 8, 2023	Felicitation Program for all the IIM ATM and NMA 2022 awardees, who are associated with the Chapter		
August 11, 2023	Prof. S. N. Sinha Memorial Materials & Metallurgy Quiz (SNSM3Q-2023) at CSIR-NML Auditorium		
18th September, 2023	Technical Talk	Dr. T. Bhaskar (Chief Technology Officer, Tata Steel Long Products Limited	My Engineering journey ! 'Tryst with Events , People , Places , Institutions and Organisations that defined me'
January 17-18, 2024	International Conference on Green & Sustainable Ironmaking (ICGSI 24) co-organized with Tata Steel, Jamshedpur		
January 25-27, 2024	TECNICA 24, a National Symposium of Students of Metallurgical and Materials Engineering co-organized with NIT Jamshedpur		

Jamshedpur Contd			Appendix – V Contd.	
April 12, 2024	Technical Talk Series	Prof. Dr.- Ing. Wolfgang Bleck, Chair of Ferrous Metallurgy, RWTH Aachen University, Germany & Prof. Dr. - Ing. Dierk Raabe, Director, Max Planck Institute for Iron Research, Düsseldorf and professor, RWTH Aachen University, Germany		
Kanpur				
May 6-8, 2023	Material Camp, co-organized with ASM, INAE,			1 Workshop+ 2 Material Camp+ 7 Technical Talk+ 1 Memorial Quiz+ 1 EC Meeting+ AGM+ 1 National Conference
May 9,2023	Characterization Of Coating Materials Workshop with IIT Kanpur, INYAS at FB421, IIT Kanpur			
June 6, 2023	Technical Talk	Prof Surendra Kumar Makineni	“Correlative EM (electron microscopy) and APT (atom probe tomography) studies on defects, interfaces and grain boundaries in multicomponent alloys”	
August 12, 2023	Prof. N. K. Batra Metals & Materials Quiz- jointly with the Dept. of Materials Science and Engineering, IIT Kanpur			

Kanpur Contd		Appendix – V Contd.	
August 12, 2023	Technical Talk	Dr. Mayank Dwivedi, Director, DMSR & Development Establishment	"Materials in Defence."
September 6, 2023	Technical Talk	Dr. Debdatta Ratna, Naval Materials Research Laboratory, Ambarnath	"Nanomaterials based Products for Naval Applications."
November 12, 2023	Technical Talk	Prof. Rao Tummala, School of Materials Sc. & Engg.	"Next Gen, Globallevel and Largescale Device, Packaging and Systems R&D and Workforce Development in India."
December 21, 2023	Technical Talk	Prof. Rajeev Gupta, Materials Sc. & Engg., North Carolina State University	"Feedstock Modification to Control the Corrosion of Additively Manufactured Alloys."
January 5, 2024	Technical Talk	Dr. Amit Datye, Mechanical Engg & Materials Science, Yale University	"Nanomicroscale Testing of Thermoplastically Formed Pillars and Atomically Smooth Bulk Metallic Glasses."
April 17, 2024	EC Meetings		
April 19, 2024:	Technical Talk	Prof. Chandra S. Tiwary, Metallurgical & Materials Engg, IIT Kharagpur	"Engineering Materials at the Atomic Scale for the Development of 3Dprinted Complex Architecture for Sustainable Energy, Environment Applications."
March 09–10, 2024	NSRS2024 national conference, co-organizer IIT Kanpur		
May 03–06, 2024	Materials Camp focused on educating young		

	students and teachers about materials science through hands-on experiments and lectures, co-organizer with IIT Kanpur			Appendix – V Contd.
May 07, 2024	AGM at Dept of Materials Science and Engineering, IIT Kanpur			
Kalpakkam				
September 8-9, 2023	31 st Prof. Brahm Prakash Memorial Materials Quiz (BPMMQ) at IGCAR, Kalpakkam			2 Memorial Lecture+ 1 Technical Talk+ 1 Theme Meeting+ 1 Special Lecture+ 1 Course +1 Quiz
September 9, 2023	31 st Prof. Brahm Prakash Memorial Lecture 2023	Prof. B. S. Murty, Director, IIT, Hyderabad & Vice President, IIM		
October 5, 2023	Dr. Placid Rodriguez Memorial Lecture (PRML), jointly by Chennai Chapters	Dr. Komal Kapoor, Chairman and Chief Executive, Nuclear Fuel Complex (NFC), Hyderabad and Vice President (Non-Ferrous Div.) of IIM	“Role of Texture in Fabrication and Performance of Alloys in Nuclear Applications”	
November 23, 2023	Technical Talk	Prof. G. Phanikumar, Dept of Metallurgical & Materials Engg., IIT Madras	“Open source software for High Performance Computing towards realizing ICME”.	
January 3, 2024	Half-Day Theme Meeting		“Failure modes in SFRs and Design Methodologies”	

Kalpakkam Contd			Appendix – V Contd.	
January 11, 2024	Special Lecture	Mr. Debi Prasad Dash, Former General Manager, Chittaranjan Locomotive Works (Rtd) and from Indian Railway Service of Electrical Engineers (Rtd).	“Transformative Evolution: Innovations in Railway Rolling Stock Technology in India”	
February 9-10, 2024.	2 day course at Hotel Radha Regent, Chennai		“Metallurgy for Practicing Engineers (MEPE 2024)”	
Kolkata				
May 6, 2023	Prof HS Ray condolence Meetings co-organized with IAPQR & MIEMMM at Nari Seva Snagha, Kolkata			
April 10, 2023	5 th Baldev Raj Memorial Lecture jointly with IIM HRDC, Kalpakkam, Chennai and Coimbatore chapter and associate with PSG College of Technology at Conference Hall of PSG Tech, Coimbatore through hybrid mode	Dr Sanak Mishra, Former Managing Director, SAIL, Rourkela Steel Plant, Former President of IIM & INAE	“Evolution of Steel Technology and Current Indian Steel Scenario”	
June 5, 2023	Webinar	Mr TK Chakarborty, Past Chairman, IIM Kolkata Chapter & Ex-ED, SAIL	“World Environment Day Theme: Beat Plastic pollution”	
June 9, 2023	Webinar	Mr D Chatterjee, Ex-CEO, SAIL	“Process Industry and Stakeholder Management”	
				1 Condolence Meetings+ 1 Memorial Lecture+ 4 Webinar + 4 EC Meetings+1 Quiz+ 1 Membership Drive + 1 Women’s Day Celebration

Kolkata Contd		Appendix – V Contd.		
June 17, 2023	Webinar	Mr P Raychaudhury, Life Member, IIM	“Benefits of positive attitudes in Industries”	
June 24, 2023	Webinar	Dr A Majumder, Director, M&M, KNU, Asansol	“Quality Assurance in iron making”	
June 30, 2023 July 24 2023 August 3 2023 October 17, 2023	EC Meetings			
August 19, 2023	Quiz at Det of Metallurgical & Material Engg of Jadavpur University			
October 6, 2023	Membership Drive Program			
March 8, 2024	“Women’s Day” at JPC office Kolkata			
Mumbai				
April 25 2022	2 nd Srikumar Banerjee Memorial Lecture	Prof. Kamanio Chattopadhyay, Honorary Professor at the Materials Engg Dept, IISc, Bangalore	“Physical Metallurgy at dissimilar interfaces: The evolving insights”	
February 2, 2024	Lecture Series at the Training School Hostel's multipurpose hall in Anushakti Nagar, Mumbai			1 Memorial Lecture+ 1 Lecture Series
Pune				
April 01 2023	1 day workshop on “AI-ML in Materials and Manufacturing” at Kiloskar Auditorium, BHAU Institute			1 Workshop+ 1 Memorial Lecture

Puna Contd		Appendix – V Contd.	
November 2, 2023	16th Dr Dara P Antia Memorial Lecture	Prof P. M. Ajayan, currently the Benjamin M. and Mary Greenwood Anderson professor of Engineering at Rice University	"Nanoengineered Materials - Challenges and Opportunities."
Roorkee			
April 29, 2024	5th Prof. M L Kapoor Endowment Lecture, co-organizer with Metallurgical and Materials Engineering Dept., IIT Roorkee	Dr. R. Balamuralikrishnan, Outstanding Scientist & Director DMRL-DRDO, Hyderabad	"The Valley of Death in the Context of Advanced Materials"
Trivandrum			
March 23, 2024	31 st Prof. Brahm Prakash Memorial Lecture	Dr. S.V.S. Narayana Murty	'Indian Human Space Mission Challenges.'
April 9, 2024	6th Padmashri Dr. Baldev Raj Memorial Lecture, jointly by IIM HO, and IIM HRDC, Kalpakkam-Chennai at National Institute of InterDisciplinary Sciences and Technology (CSIR-NIIST), Pappanamcode, Trivandrum	Dr. G. Madhavan Nair, Former Chairman, ISRO & Former Secretary, DSO, Govt. of India	'Space: The Next Frontier for Human Exploration'.
1 Endowment Lecture			
2 Memorial Lecture			

Visakhapatnam

August 5, 2023	Technical Talk	Mr. Siva Kumar Subbarayan	"Pattern making and Methoding of Casting"	2 Technical Talk + 1 Quiz
August 19, 2023	Quiz			
August 29, 2023	Technical talk	Dr. Suman Kumari Mishra, CGCRI (Director) and IIM Council Member	"Utilisation of Solid Wastes Generated by Steel Industries for Sustainable Development"	

Vijayanagar

May 13 2023	IIM Lecture	Dr. S S Gupta, Former Head R&D & TQM, JSW Steel Currently Professor, BITS , Pilani, BITS- JSW Off-campus Centre	Better Every Day	2 IIM Lecture + 1 Quiz+ 3 Workshop+ 1 Memorial Lecture
20th May to 24th June 2023	Metals and Materials Quiz			
September 8-9 2023	Workshop on "Bund Stability & Solid Waste Management" at JSW Steel Vijayanagar works			
October 16 2023	Workshop on "Operation & Maintenance of Reheating Furnaces" co-organized with JSW steel at FORUM, Vijayanagar Works			

Vijayanagar Contd		Appendix – V Contd.	
November 4 2023	3 rd O P J Memorial Lecture	Prof. N Viswanathan, HOD and Sajjan Jindal Steel Chair Professor, Dept of Metallurgical Engineering & Materials Science, IIT Bombay	“Challenges and Opportunities in Indian steel Industry”.
Nov 10 2023	Workshop at JSW Vijayanagar works		
December 16 2023	IIM Lecture	Dr. Animesh Jha, Professor, School of Chemical & Process Engineering University of Leeds, Leeds, UK	“Chemical Beneficiation of Complex Minerals and Industrial Waste Using Alkali based Reduction Reactions”
<p>Summary of Institutes Activities numbering 115 during 2023-24 :</p> <p>4 International Conference + 2 National Conference + 7 Memorial Lecture+ 4 Webinar Series + 6 Lectures + 18 Technical Talk + 1 Industrial Visit + 6 Quiz + 1 Short Course + 2 Metal Camp + 1 MMMM+ 1 IIM Award Ceremony + 1 ATM + 3 Meeting + 1 Theme Meeting +6 AGM + 1 Foundation Day Celebration + 14 EC Meeting + 5 Workshop</p>			

THE INDIAN INSTITUTE OF METALS
KOLKATA
MEMBERSHIP STATUS 2023 - 24

	A	(+) B	(+) C	(-) D	(+) E	(-) F	(-) G	H
CATEGORY	OPENING BALANCE AS ON 1st APR'23	NEW ENROLLED	TRANSFERRED FROM OTHER CATEGORY	TRANSFERRED TO OTHER CATEGORY	REVIVED	RESIGNED / EXPIRED/ CANCELLED	CEASED	CLOSING BALANCE AS ON 31 st MAR'24
LIFE ASSOCIATE	19		-		-	-		19
MEMBERS	86	65		11	14		237	154
ASSOCIATE	11	8		3	1		36	17
STUDENT	447	188		1	26		143	660
PROFESSIONAL	2	1					1	3+1 = 3
AFFILIATE	0		-		-	-		0
ATM COMPLEMENTARY MEMBERSHIP	0	17						17
TOTAL	7413	868	20	20	44	3	509	8322+90 = 8412

Awards and Honours received by Members 2023-24

Recipient	Award / Honour
Prof K Chattopadhyay Honorary Member	Awarded with the prestigious National Science Chair by the Science and Engineering Board of India.
Prof. U Kamachi Mudali Honorary Member	Awarded with “SMC Gold Medal – 2023” by Society for Materials Chemistry, for his outstanding contribution to Materials Chemistry
	Honored with the prestigious Lifetime Achievement Award-2022 by the Ministry of Steel, Government of India, which is the highest accolade established by the Ministry of Steel.
Dr. Debashish Bhattacharjee Honorary Member	Awarded the National Metallurgist Award 2022 in recognition of his outstanding contributions to Industry and R&D.
Dr. K. L. Murty Honorary Member	Receives 2023-24 Alexander Quarles Holladay Medal Excellence, the highest honor bestowed by NC State and university’s Board of Trustees
Prof NK Mukhopadhyay Fellow Member	Received the Fellowship of The Indian National Science Academy, effective from January 1 st , 2024
Dr Jaiteerth R Joshi Fellow Member	Awarded with prestigious Fellowship of Royal Aeronautical Society, UK
Dr. S K Jha Life Member	Honored with Excellence Award on the occasion of Engineers Day on 15 th September 2023
Dr. Satish Pai Life Member	Received the Honorary Doctorate degree by Hon’ble President of India, Smt. Droupadi Murmu at the 53rd Convocation of Utkal University on February 29, 2024.
Prof. Anish Upadhyaya Fellow Member	Received award from the Bureau of Indian Standards (BIS) for his pioneering contributions in the utilization of standards in education on World Standard Day during a ceremony held at New Delhi on October 13, 2023.
Dr. Rameshwar Sah Life Member	Received the Award for R&D in Iron & Steel Sector-2022 by the Ministry of Steel, Government of India.
Dr. Agilan Muthumanickam Life Member	Awarded with the Young Metallurgist Award [Metal Science] 2022 by the Ministry of Steel, Government of India
Dr. Subhasis Sinha Life Member	Awarded the ASM-IIM Visiting Lectureship Award at IMAT 2023, Detroit, USA.
Dr Dhruva Kumar Singh Life Member	Awarded with prestigious VASVIK Award for Materials and Metallurgical Science & Technology for year 2022
Dr Mayur Vaidya Life Member	Awarded with Indian Science Academy (INSA) Medal for Young Scientist 2022
Dr. L Rama Krishna Life Member	Received the 1 st Dr. Elaya Perumal National Award of ECS

OUR CONGRATULATIONS TO MEMBERS ON APPOINTMENTS TO KEY–ASSIGNMENTS !

Members	Assignments
Prof. Gleiter Honorary Member	Received the opportunity of founding a new research institute of the CAS named “Herbert Gleiter International Institute (HGII)”. The HGII will be one of the four largest of the 14 National Institutes of the CAS.
Prof. Pinaki Prasad Bhattacharjee Life Member	Attended the ASM-IIM Visiting Lectureship Award (2021) ETS Montreal, Canada, in December 2023 to present a seminar on "Techniques for Customizing Microstructure and Characteristics of High Entropy Alloys".
Dr R Raghavan Life Member	Published two books named “Recovery of Minor and Valuable Metals from Wastes at Zinc - Lead Smelters” and “Measurement of Uncertainty and Method Validation in Chemical Analysis (Vol 1 & 2)”. He is a IIM Council Member 2023-24.



IIM
Metallurgy
Materials Engineering



IIM-ATM 2023-24

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