

IIM METAL NEWS

A FORUM OF ENGINEERS

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IIM

Metallurgy
Materials Engineering

Charting

A New Horizon

for Indian Metals: The Leadership Journey of

SATISH PAI



ISSN 0972-0480

A Monthly Publication of The Indian Institute of Metals



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IIM METAL NEWS

October 2025 | Vol 28 | No 10

A Monthly Publication of IIM

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Dr Sambandam Manjini

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EDITORIAL NOTE



It gives us great pleasure to present this Special Issue of IIM Metal News dedicated to **Mr. Satish Pai, Past President of The Indian Institute of Metals and Managing Director of Hindalco Industries Ltd.**

Mr. Pai's visionary leadership, deep technical insight, and commitment to sustainable industrial growth have made a profound impact on the Indian metallurgical landscape. During his tenure (2023-24) as President of IIM, he brought renewed energy to the Institute, fostering stronger collaboration between academia and industry while championing innovation and environmental responsibility in metals production.

Through this special issue, we celebrate his exemplary journey, his contributions to the advancement of metallurgy in India, and his lasting influence on both the Institute and the wider metallurgical community.

— Editorial Team, IIM Metal News

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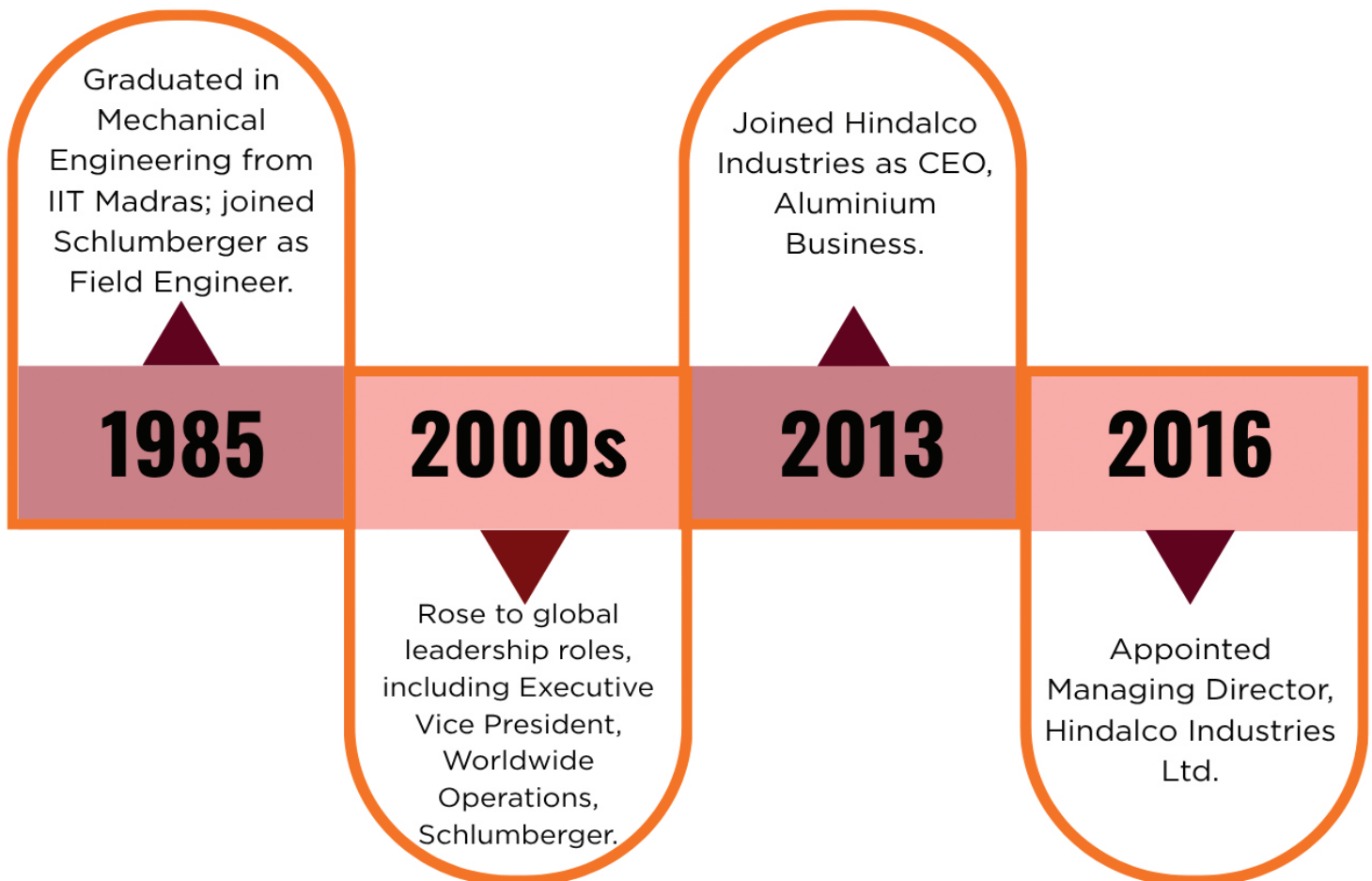
MR. SATISH PAI

**PIONEERING LEADERSHIP. SUSTAINABLE VISION.
ENDURING IMPACT**

From the oilfields of the world to the helm of India's aluminium giant, Mr. Satish Pai's story is one of courage, conviction, and continuous evolution. Trained as an engineer and shaped by decades of global experience, he brought to Hindalco Industries a rare blend of technical mastery and visionary leadership. Under his guidance, the company has embraced transformation — from strengthening global operations to leading the charge in sustainable and low-carbon aluminium.

What defines his journey is not just business growth, but a deep belief in innovation, people, and purposeful progress. Through every challenge, Mr. Pai has championed a vision where technology meets sustainability, and industry meets responsibility — forging a legacy that continues to inspire India's metals fraternity and beyond.

THE JOURNEY OF MR. SATISH PAI





Led Aleris acquisition; conferred Doctor of Letters (Honoris Causa).

2020

Served as President, The Indian Institute of Metals (IIM).

2023-24

Became Chair, International Aluminium Institute (IAI).

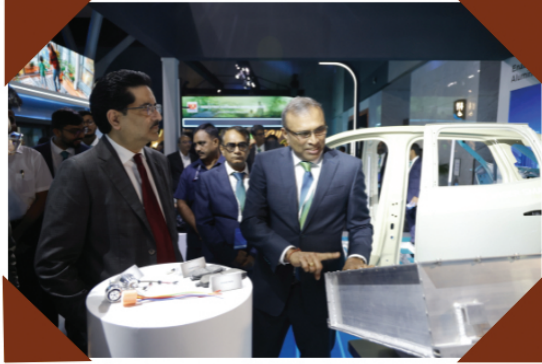
2022

Honoured with Honorary Doctorate by Utkal University; named among India's Best CEOs.

2024

Leading with Purpose. Inspiring with Vision

Mr. Satish Pai — A Visionary Leader Driving Excellence and Innovation in Indian Industry



Mr. Satish Pai in conversation with Shri Kumar Mangalam Birla



Mr. Satish Pai with PM Modiji at Uttkarsh Odisha 2025



Shri Kumar Mangalam Birla, Chairman, Aditya Birla Group; Mr. Satish Pai, Managing Director, Hindalco industries at the launch of Hindalco's new Brand identity in Mumbai



Mr. Satish Pai, flagging off the launch of India's first all-aluminium freight rake in Bhubaneswar, with Hon'ble Minister for Railways, Shri Ashwini Vaishnav



Mr. Satish Pai receiving an Honorary Doctorate from Utkal University in 2024, in recognition of his extraordinary contributions to the metal industry, from the Hon'ble President of India, Ms. Droupadi Murmu.

In Conversation with Mr. Satish Pai

On Shaping the Future of the Indian Metals Industry

As Managing Director of Hindalco Industries Ltd., Mr. Satish Pai has led one of India's foremost metal producers through a transformative era of innovation and sustainability. In this exclusive conversation, he reflects on the evolving landscape of aluminium and copper, the growing momentum toward circularity and decarbonisation, and Hindalco's vision to build a greener, smarter future for the industry.



1. Industry Outlook

Question: How do you see the Indian metals sector evolving over the next decade, and what role will aluminium play in driving this growth?

India is entering a decade of structural growth, and metals will be at the core of this journey. Aluminium, in particular, will play a defining role. As India targets 500 GW of non-fossil power by 2030, the transmission build-out under the National Electricity Plan and Green Energy Corridors will require large volumes of aluminium conductors and busbars.

In mobility, EV adoption is accelerating under FAME and state incentives. Aluminium's role in battery enclosures, crash management systems, and thermal solutions will grow further as OEMs localize platforms and optimize designs for lightweight efficiency.

Urbanization and housing will drive demand for extrusions and façades, while FMCG and beverage brands are moving to recyclable aluminium cans, creating a circular economy opportunity.

At Hindalco, we are investing ahead of this curve—battery foils, EV enclosures, coated AC fins, and advanced FRP products—while leveraging Novelis' global recycling leadership to build India's closed-loop systems.



2. Global Trends

Question: What global economic and geopolitical trends are currently influencing the aluminium and non-ferrous industry, and how is Hindalco preparing to navigate them?

The global aluminium landscape is being reshaped by three big forces. First, tariff realignment—the U.S. has reinstated Section 232 tariffs at 50%. For India, this is a signal to move up the value chain into high-end products and specialty alloys.

Second, with the EU's CBAM and the LME's emissions reporting driving carbon accountability, low-carbon is a passport to global markets. India's early push for renewable power positions us well.

Third, the recycling revolution—aluminium recycling is growing at 6–7% globally, saving up to 95% energy versus primary production. India's scrap ecosystem while still nascent presents a significant opportunity by 2030. At Hindalco, through Novelis, we already recycle over 80 billion cans annually, and we're replicating that model in India. Our strategy is clear: green power for smelters, circularity through large-scale recycling, and downstream investments in EV and specialty products.



3. Sustainability

Question: Decarbonization and sustainability are top priorities worldwide. What concrete steps has Hindalco undertaken to reduce its carbon footprint and move towards green manufacturing?

At Hindalco, our Force for Good philosophy drives us to embed sustainability into everything we do. We are proud to be ranked the World's Most Sustainable Aluminium Company for the fifth consecutive year in the S&P Global Corporate Sustainability Assessment, a reflection of our long-term vision and responsible practices.

As part of our ESG journey, we have invested in a first-of-its-kind 100 MW hybrid round-the-clock renewable project with storage to sustainably power our smelters. This pioneering initiative was recognised with the Energy Transition Changemaker Award at COP28. Beyond clean energy, we are advancing resource efficiency across operations. We have eliminated single-use plastics at 21 sites, repurposed waste such as red mud, fly ash, and spent pot lining, and upcycled 85% of all waste generated.

Novelis, our subsidiary, recycled 2.3 million tonnes of aluminium scrap in FY24, proving circularity at scale is achievable. India's first ever Aluminium scrap recycling plant with 50 KTPA of end-of-life used beverage can (UBC) recycling has been commissioned in partnership, at Odisha. India's first ever organised PCB recycling unit is coming up in Gujarat. This 50 KT plant can recycle 3 million cell phones' worth of Printed Circuit Boards (PCB) annually enabling recovery of high-value metals while playing a pivotal role in formalising India's unorganised e-waste sector and advancing circular economy objectives.

Through renewable-powered smelters, sustainable mining, biodiversity enhancement, circularity in waste use, water stewardship and positivity, we remain deeply committed to decarbonisation and to shaping a greener, low-carbon future.



4. Technology & Innovation

Question: How is technology such as digital transformation, process automation, or advanced material innovations reshaping operations in the aluminium sector?

Hindalco is accelerating its digital transformation by embedding AI and machine learning across operations to enhance efficiency and reduce costs. Digital Twins deployed in smelters, captive power plants, Green Anode Plants, and downstream furnaces enable real-time process optimisation, improving energy performance and productivity. Advanced analytics models support predictive maintenance of critical assets, while Vision AI detects product defects and Generative AI delivers actionable insights to plant teams—making operations smarter and more reliable.

Our transformation is as much about people as technology. We are investing heavily in digital upskilling, equipping employees to leverage modern platforms and applications. These tools have automated workflows and eliminated paper-based processes, significantly boosting productivity and agility across the organisation.

At the same time, our Innovation Centres are developing advanced materials to meet India's future needs. From aluminium battery foils and enclosures for EVs, to high-strength alloys for aerospace, and specialised components for Vande Bharat trains, we are helping power the next wave of sustainable mobility and infrastructure. By combining digital transformation with advanced material innovation, Hindalco is not only improving efficiency and resilience in its operations but also positioning aluminium as the material of choice for India's transition to a greener, high-tech economy.

5. Recycling & Circular Economy

Question: Recycling and secondary metals are gaining importance. What is Hindalco's strategy to strengthen circular economy initiatives and increase the share of recycled aluminium?

At Hindalco, we see circularity as central to building a sustainable and responsible business. Our efforts focus on resource efficiency, waste valorisation, and promoting recycling across all operations, particularly for aluminium and copper.

We recycle more than 100% of our fly ash and bauxite residue, ensuring these waste streams are repurposed for industrial use. We also operate India's first e-waste recycling facility for copper and precious metals, turning end-of-life products into valuable resources.

At Novelis, recycling is at the core of the business model. Over the past decade, Novelis has raised its average recycled content from 30% to 63%. Under its Novelis 3x30 vision, it aims for 75% recycled content, reducing the carbon footprint of aluminium rolled products from 4 to under 3 tonnes of CO₂ per tonne. Through these measures, we are steadily moving towards a zero waste-to-landfill goal while supporting a greener, more resource-efficient economy.

6. Talent & Skills

Question: What key skills do you think the future metallurgical workforce must develop, and how can industry-academia partnerships (like with IIM) bridge these gaps?

The metallurgical workforce of the future must build strong digital, analytical, and sustainability-focused skills. Familiarity with data-driven operations, automation, and green manufacturing practices will be critical to thrive in a rapidly evolving industry. At Hindalco, we are preparing talent through initiatives such as the Hindalco Technical University, which focuses on technical upskilling and multi-skilling, as well as our strong emphasis on gender diversity, wellness, and safety. With an integrated value chain spanning bauxite mining to downstream products, our people also gain opportunities to work on high-tech applications across EVs, aerospace, renewable energy, and urban infrastructure.

Partnerships between industry and academia, such as our collaboration with the Indian Institute of Metals (IIM), are vital to bridge these gaps through knowledge-sharing, curriculum alignment, and hands-on training.

This integrated approach ensures that the next generation of metallurgical professionals is ready to build a technology-driven, sustainable industry for India's Viksit Bharat journey.

7. Policy & Regulation

Question: In your view, what supportive policy measures or reforms are most needed to boost competitiveness and sustainability in India's non-ferrous metal sector?

If India wants to lead in green metals, three things are essential. First, 24×7 renewable power—aluminium smelting is energy-intensive, and green power is the single biggest lever to cut costs and carbon. Policies enabling RTC renewable + storage and simplifying open-access norms will make a big difference.

Second, CBAM readiness—with Europe moving to paid carbon certificates, India needs a national carbon data platform and harmonised reporting standards to future-proof exports.



Third, scrap ecosystem and circularity—aluminium recycling saves 95% energy versus primary production. Incentives for scrap collection, deposit-return schemes and e-waste recovery can create a robust domestic loop.

Finally, PLI-style incentives for advanced aluminium products—electronics, battery foils, heat-exchange fins, crash-management extrusions—will help India capture EV and renewable opportunities.

8. Community & Responsibility

Question: How does Hindalco balance industrial expansion with social responsibility and sustainable community development in mining and manufacturing regions?

At Hindalco, we call it being a Force for Sustainable Solutions, a philosophy that shapes how we operate, innovate, and engage with society. We integrate social responsibility into all our operations, with a focus on education, healthcare, skill-building, local infrastructure and livelihoods across our mining and manufacturing sites.

Our reclaimed mining lands today support agriculture, where communities grow mangoes and pears. We invest in biodiversity restoration, responsible land reclamation, and water conservation to mitigate environmental impact.

In our sustainable livelihood initiatives, our efforts on skill development are empowering the local community and supporting their journey towards financial independence. We are striving to nurture grassroots entrepreneurship in rural areas.

At Chhattisgarh, through the Kosala Livelihood and Social Foundation, we generate sustainable livelihood opportunities for reelers, weavers, and artisans. At Bagru mines, Jharkhand, we offer sustainable livelihoods through duck farming and pisciculture.

Our plants and upcoming projects are designed with sustainability and community development at their core. Beyond our own operations, we contribute to India's growth story by supplying metals critical for railway electrification, EV infrastructure, and solar energy applications.

By embedding responsibility into expansion, Hindalco ensures that industrial growth creates long-term shared value for communities and contributes to a stronger, more sustainable India.

9. Future Opportunities

Question: With the rise of electric vehicles, renewable energy, and new-age applications, what emerging opportunities do you foresee for aluminium and allied materials?

India's energy and mobility transformation is a once-in-a-generation opportunity. EV adoption is rising fast, and aluminium will be critical for battery enclosures, crash-management systems, heat exchangers and battery foils.

Renewables and transmission expansion under NEP and Green Energy Corridors will drive demand for solar frames, wind components and high-capacity conductors.

Packaging is another growth engine—brands are moving to recyclable aluminium cans, creating a closed-loop opportunity aligned with India’s sustainability goals.

Beyond this, aerospace, defense, and electronics will require high-strength alloys and specialty alumina, while copper will remain essential for electrification—from EVs to data centres.

At Hindalco, we’re investing ahead of the curve—battery-foil mills, EV enclosure lines, coated AC fins under PLI, and copper downstream expansions—all backed by Novelis’ global recycling expertise.



10. Role of R&D

Question: How important is research and collaboration with institutions like IIM in driving innovation, and where do you think more focus is required in materials research?

The non-ferrous metals sector is undergoing a transformational journey and R&D is playing critical role in it. At Hindalco, our efforts span four core areas:

Product Innovation: We’re developing aluminium and copper solutions tailored for Indian conditions—lightweight mobility applications, copper alloy wires for railways, and advanced materials like battery-grade foils and high-purity alumina.

Energy Efficiency: Aluminium production is energy-intensive. Our patented technologies—like copper collector bars and biomass-based steam generation—are cutting energy use and enabling a shift to renewables.

Circularity: With limited natural resources, recycling is key. Our R&D is advancing e-waste recovery and alternative raw material processes to reduce dependency on imports.

Sustainability: Our 5R+S strategy (Reduce, Redesign, Recover, Recycle, Rehabilitate + Storage) is driving decarbonisation. A standout success story for us has been the use of red mud in cement manufacturing.

Collaboration between industry and academia is critical. We’re working with academic institutions, startups, and global labs to pilot and scale new technologies. Institutes like IIM can play a pivotal role by nurturing talent and offering specialized training in metallurgical processes—essential for sustaining this innovation momentum.

Mr. Satish Pai's Contributions as President of IIM



Mr. Satish Pai was President of The Indian Institute of Metals (IIM) for the term 2023-24.

During his tenure as a President of the Institute, Mr. Pai has contributed immensely as an Apex Member of the Institute. His major initiatives include the following:

a) Revival of IIM Student Affiliate Chapters:

There were 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.

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. Total Surplus from IIM-ATM 2023 was a record Surplus of Rs. 2.43 Crore (Source of income: Sponsors, Exhibitors and Registrations).

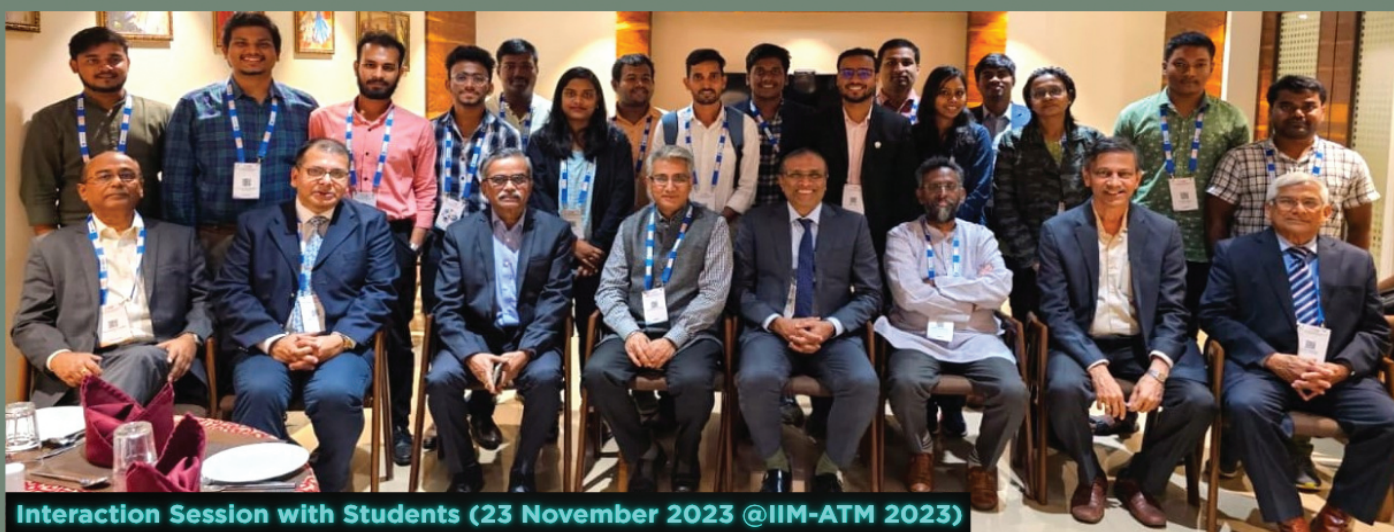
d) As an excellent initiative to recognize and reward outstanding Startups and Ecosystem Enablers that are building innovative products or solutions and scalable enterprises, with high potential of employment generation or wealth creation, demonstrating measurable social impact, an amount of Rs. 1.5 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.

e) 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.

A **Standard Operating Procedure (SOP)** is a set of step-by-step instructions compiled to help Chapters and the Stakeholders to outline routine operations. SOPs aim to achieve efficiency, quality output, and uniformity of performance, while reducing miscommunication and failure to comply with the regulations.

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



Interaction Session with Students (23 November 2023 @IIM-ATM 2023)

(1st row from right: Dr. Sanak Mishra, Dr. Amol A Gokhale, Prof. B S Murty, Mr. Satish Pai, Dr. Komal Kapoor, Dr. U Kamachi Mudali, Brig. Arun Ganguli (Retd.), Mr. Somnath Guha)
(2nd row: Students from different Students' Chapter of IIM)



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for your Metallurgy

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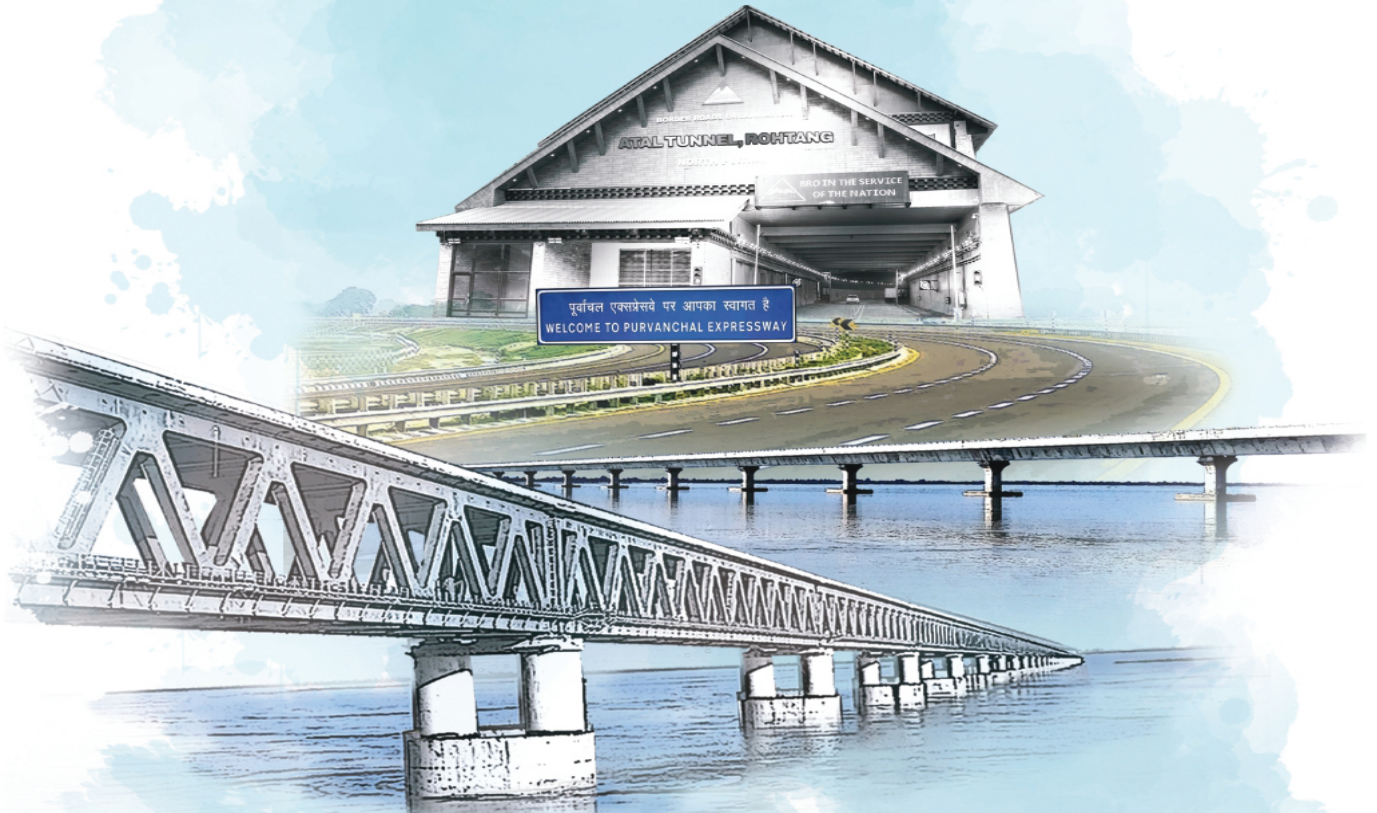
Tata Steel is committed to India's progress and has contributed significantly to the Nation's infrastructure. The Company has played a role in building two-thirds of India's flyovers and bridges, over 40 airports, 7 stadiums and 8 metro railway networks. Tata Steel also prioritises employee welfare by maintaining an equitable working environment and has supported over 31.5 lakh families through various community initiatives. Sure, we make steel.

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IIM CHAPTER ACTIVITIES

CHENNAI CHAPTER

The AGM of the IIM Chennai Chapter was held on 21st June 2025, where the office bearers for 2025-2026 were elected. The newly elected office bearers are : Dr. Sushanta Kumar Panigrahi (Chairman), Dr. K.G. Pradeep (Vice Chairman – Academic), Mr. G.S. Shankar (Vice Chairman – Industry), Mr. Narayanan Perumal (Hon. Secretary), Dr. Surendra B. Anantharaman (Hon. Joint Secretary), and Dr. Rohit Batra (Hon. Treasurer).

KALPAKKAM CHAPTER

The 33rd Prof. Brahm Prakash Memorial Materials Quiz (BPMMQ 2025)

IIM-Kalpakkam Chapter conducted the 33rd Prof. Brahm Prakash Memorial Materials Quiz (BPMMQ) at the Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, during September 12–13, 2025. A total of 45 teams, comprising 90 students of Classes XI and XII, accompanied by their escorts and office bearers from 19 chapters of IIM across India, participated in this flagship programme.

The Metal Camp programme commenced with an inaugural session at IGCAR, Kalpakkam, followed by visits to various nuclear facilities at Kalpakkam, namely the Fast Breeder Test Reactor (FBTR) and the Madras Atomic Power Station (MAPS). The quiz programme was conducted at the DAE Convention Centre, Anupuram. The quiz began with the preliminary rounds, which were held in six parallel sessions. The top twelve teams qualified for the semi-finals.

Following this, Dr. S. V. S. Narayana Murty, Chairman & Managing Director, MIDHANI, and Vice-President, The Indian Institute of Metals, delivered the Memorial Lecture on “Current Achievements and Challenges for Indian Metallurgists towards Atmanirbharta in Strategic Materials.” In his lecture, he inspired the students with stories of technological excellence and materials-based advances in India, particularly in the strategic sectors. He exhorted them to work with national spirit and contribute towards making the nation self-reliant, as envisioned in the Viksit Bharat 2047 mission.

Following the Memorial Lecture, the renowned quizmaster and television personality Dr. Sumanth C. Raman conducted the Grand Finale. Six teams—representing Trichy (2 teams), Varanasi, Bhubaneswar, Durgapur, and Mumbai—engaged in a spirited competition. The questions in the Grand Finale covered a wide range of topics, including the societal applications of the nuclear industry, advancements in Indian materials manufacturing and production, quantum materials, and lightweight materials. The team from Bhubaneswar (Mr. Om Prayas Panda and Mr. Sidhi Binayak Pradhan) delivered an outstanding performance, clinching the coveted BPMMQ 2025 title, while the team from Trichy (Ms. M. Sreenika and Ms. Vijaya Durga C) secured a close second place.

An essay and elocution contest was also conducted for the quiz participants. Nearly 50 original essays were received from students on three topics:

- (i) Materials pushing the limits of hypersonic flight
- (ii) Can materials create future medical breakthroughs?
- (iii) The materials driving the quantum technology revolution

The eight best essays were selected for the elocution contest.

The event was successfully conducted with generous financial support from several well-wishers and promoters of science, including IIM Headquarters, Kolkata; IGCAR, Kalpakkam; Department of Atomic Energy, Mumbai; JSW Centre, Mumbai; NFC, Hyderabad; MIDHANI, Hyderabad; AMD, Hyderabad; NPCIL, Mumbai; HWB, Mumbai; ARCI, Hyderabad; Hindalco Industries; ITW India; ABS Instruments, and several leading firms dealing with metallurgical equipment and services.



MUMBAI CHAPTER

Dr. C. V. Sundaram Memorial Lecture

The IIM Mumbai Chapter organized the “Dr. C. V. Sundaram Memorial Lecture – 2025” on 13th September 2025 at the Multipurpose Hall, TSH, Anushaktinagar. The lecture on “Corrosion Mitigation in New Energy Paradigm: Basic Research, Generative Models and System Approach” was delivered by Prof. V. S. Raja, Emeritus Fellow, Department of Metallurgical Engineering and Materials Science, IIT Bombay.

A renowned corrosion Scientist, Prof. Raja shared valuable insights on addressing corrosion challenges in modern energy technologies operating under aggressive environments. He emphasized the need for a balanced approach combining fundamental research, validated generative models, and a holistic system perspective to ensure material reliability and sustainability.



Prof. V. S. Raja Delivering the Dr C V Sundaram Memorial Lecture



Members of the IIM Mumbai Chapter Attending the Lecture



Dr. R. Tewari, Director, Materials Group, BARC Presenting a Memento to Prof. V.S. Raja

VARANASI CHAPTER

On 15th September 2025, celebrated as Engineer’s Day, IIM Varanasi Chapter had the honor of hosting an invited lecture by Prof. C. Suryanarayana, FIMMM, FASM, Professor Emeritus, University of Central Florida. Prof. Suryanarayana delivered an engaging and insightful talk on “Novel Nanocomposites by Mechanical Alloying.”

Prof. Suryanarayana earned his M.S. (Metallurgical Engineering) in 1967 and Ph.D. (Metallurgical Engineering) in 1970 from Banaras Hindu University (BHU). In recognition of his outstanding contributions, he was awarded the Distinguished Alumnus Award of BHU during the Platinum Jubilee Year of the Department in 1998.

He served BHU with distinction, holding positions as Lecturer (1967–1973), Reader (1973–1982), and Professor (1982–1988). Prof. Suryanarayana was instrumental in establishing the National Electron Microscope Facility (NELMIF) in 1982, a unique facility supported by the DST, Government of India.

A world-renowned researcher in non-equilibrium processing, Prof. Suryanarayana’s profound contributions to the field of materials science are widely respected.

The lecture drew participation from Chapter Executive Members and students alike.



KOLKATA CHAPTER

The IIM Kolkata Chapter organized the Inaugural Diamond Jubilee Lecture on Saturday, 4th October 2025, marking the commencement of its Diamond Jubilee Celebrations.

The event was graced by Prof. Suman Chakraborty, Director, IIT Kharagpur, who delivered an inspiring lecture on “Materials and Devices for Point-of-Care Technology.”

The session offered deep insights into the intersection of materials research, setting a distinguished tone for the Chapter’s year-long Diamond Jubilee celebrations. The lecture was well attended by members, academicians, and students, who appreciated Prof. Chakraborty’s visionary perspectives.



Our Deepest Condolences



Shri S C Suri
1937-2025

The Indian Institute of Metals deeply mourns the passing of **Shri S. C. Suri**, Honorary Member of IIM, on **29th September 2025**.

A distinguished metallurgist and leader, Shri Suri began his career with **Hindustan Steel Limited (now SAIL)** in 1959 and retired as **Executive Director, Centre for Engineering & Technology (CET), SAIL**. His expertise spanned R&D, energy optimization, and strategic planning for the steel industry.

A devoted member of IIM for over six decades, he served as **Chairman of the Delhi Chapter (2013–15)** and played a key role in organizing national events including **NMD-ATM 1988** and **MMMM conferences (2010–2018)**. Recipient of the **IIM Outstanding Service Award (2015)**, Shri Suri will be remembered for his visionary leadership, scholarly contributions, and lifelong dedication to the Institute and the steel fraternity.

The 17th Dr. Dara P. Antia Memorial Lecture



THE INDIAN INSTITUTE OF METALS

Pune Chapter

Cordially invites you to

17th Dr. Dara P. Antia Memorial Lecture

Perspectives and Pathways for India towards Critical Materials

By

Prof. U. KAMACHI MUDALI

Vice Chancellor,
Homi Bhabha National Institute (HBNI),
Department of Atomic Energy (DAE), Mumbai

Date and Time

Friday
November 7th, 2025
15:30 (IST)

Venue

BHAU Institute of Innovation and Leadership
North Campus,
COEP Technological University
(Formerly College of Engineering Pune),
Shivajinagar, Pune, 411005



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