



IIM

Metallurgy
Materials Engineering

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IIM METAL NEWS

A FORUM OF ENGINEERS

A leader who turns ideas
into institutions and
ambition into national
strength that's the
legacy of Sajjan Jindal

*Celebrating
the Legacy of*

**SAJJAN
JINDAL**

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IIM

**Metallurgy
Materials Engineering**

TABLE OF CONTENTS

SECTION	PAGES
The Indian Institute of Metals – Council Members	05
Secretary General's Corner	06
The Legacy of Mr. Sajjan Jindal	07
In conversation with Mr. Sajjan Jindal	11
Editorial Board: IIM Metal News	17
Celebrating Recognition of Esteemed IIM Members	18
IIM Chapter Activities	19
Our Deepest Condolences	21

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SECRETARY GENERAL'S CORNER



It is with immense pride and gratification

that I pen down this message to mark a significant Chapter in the journey of The Indian Institute of Metals (IIM).

On behalf of IIM, I extend my heartfelt gratitude to Mr. Sajjan Jindal, Chairman and Managing Director of JSW Group, for his exemplary leadership during his tenure as President of IIM for the Council Year 2024–2025.

Mr. Jindal's presidency has been a period of dynamic growth, renewed vision, and strengthened industrial-academic collaboration. His deep commitment to excellence, innovation, and sustainable development left an indelible mark on the Institute's direction and activities.

Under his stewardship, we have been able to propel the Key Objectives of Institute by implementing targeted membership drives through 47 Chapters of the Institute, enhance engagement initiatives, bring amendments in Awards & Recognitions, strengthen international collaboration, bringing in stringent compliances helping us to achieve many of the FIRSTS, develop tailored programs for young professionals and walk through the door of instituting a CORPUS Endowment which will lead to Sustenance in the long run.

In order to ensure that various programs of IIM being instituted for Students, Metallurgist, Materials Scientist, helping the Community to continue to flourish, providing essential education and resources for generations to come, it's imperative that through our rich Legacy in the Materials Fraternity since the inception of the Institute in 1947, we are able to cultivate a vibrant ecosystem that attracts, nurtures, and empowers the next generation of metallurgists and innovators.

Mr. Jindal's leadership was not only inspirational but also transformative — anchored in his belief that metallurgy and materials science are critical to India's industrial future. We are deeply thankful for the time, insight, and guidance he generously provided to the Institute.

With the Support of STRONG LEADERS & STALWARTS from the Industry, IIM as an entity will be able to push the boundaries of metallurgical science and contribute to technological advancements that shape the future.

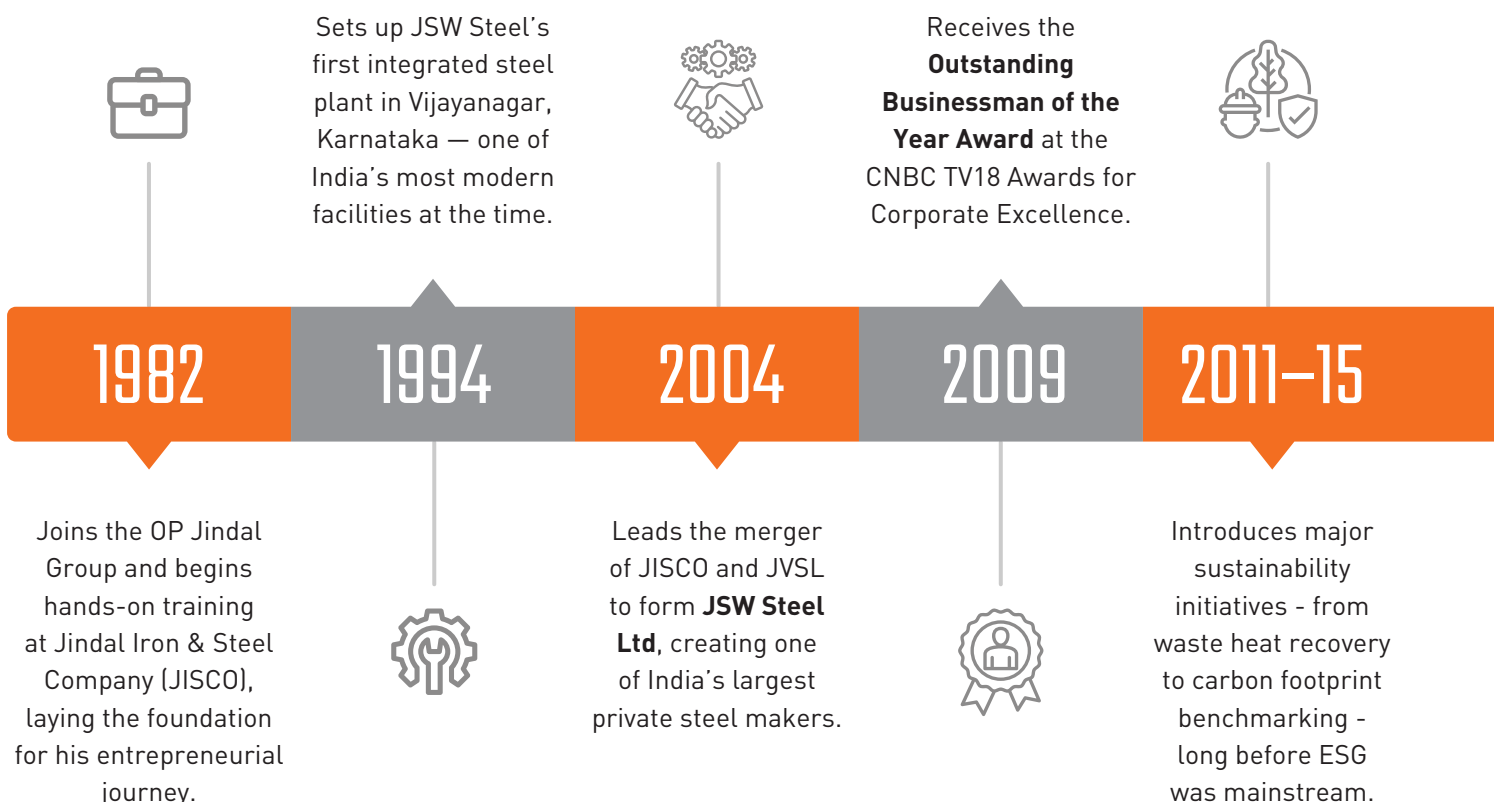
On behalf of The Indian Institute of Metals, I express our sincere and deepest appreciation to Mr. Sajjan Jindal for leading from the front and wish him continued success in all his endeavours.

THE LEGACY OF MR. SAJJAN JINDAL

VISIONARY. REFORMER. TRAILBLAZER.

From steel plants to boardrooms, from grassroots innovation to global recognition, the journey of Mr. Sajjan Jindal is one of relentless ambition, purposeful leadership, and visionary transformation. Let us take you through this extraordinary experience from early inspirations and pathbreaking milestones to bold industrial vision and the legacy that continues to shape across the Indian metals landscape and beyond. Through stories, achievements, and heartfelt reflections, we uncover the man who forged not just steel, but futures.

THE JOURNEY OF MR. SAJJAN JINDAL:





YEAR BY YEAR, LAYER BY LAYER.

Launches the **JSW Foundation's rural education and women empowerment programs** in multiple Indian states.



JSW partners with global tech firms to develop **green hydrogen-based steel production**.



IIM institutes the **Sajjan Jindal Chair in Metallurgical Innovation**, in recognition of his long-term vision and national contribution.

2018

2020

2022

2024

2025



Appointed Chairman of World Steel Association's **Sustainability Committee**, representing India on a global platform.



Elected as **President of the Indian Institute of Metals**, bringing renewed energy to youth engagement and R&D collaboration.



Leadership, Associations & Influence

Sajjan Jindal has played pivotal roles in shaping the steel and business ecosystem of India:

2008



President, **ASOCHAM**

2014



Instrumental in forming the **Indian Steel Association**

2021-22



First Indian to Chair the **World Steel Association**



Active in **IIM** and **INSDA**, and contributes to **TERI**, **NITI Aayog**, and **IIM Indore**

2023



Named **Chairperson, Board of Governors, IIT Tirupati**



Metallurgy is not just a science of materials - it is the science of progress. A strong metallurgy sector means a stronger, more self-reliant India.

- Mr. Sajjan Jindal



Awards & Recognitions

His achievements have been celebrated by both industry and nation:

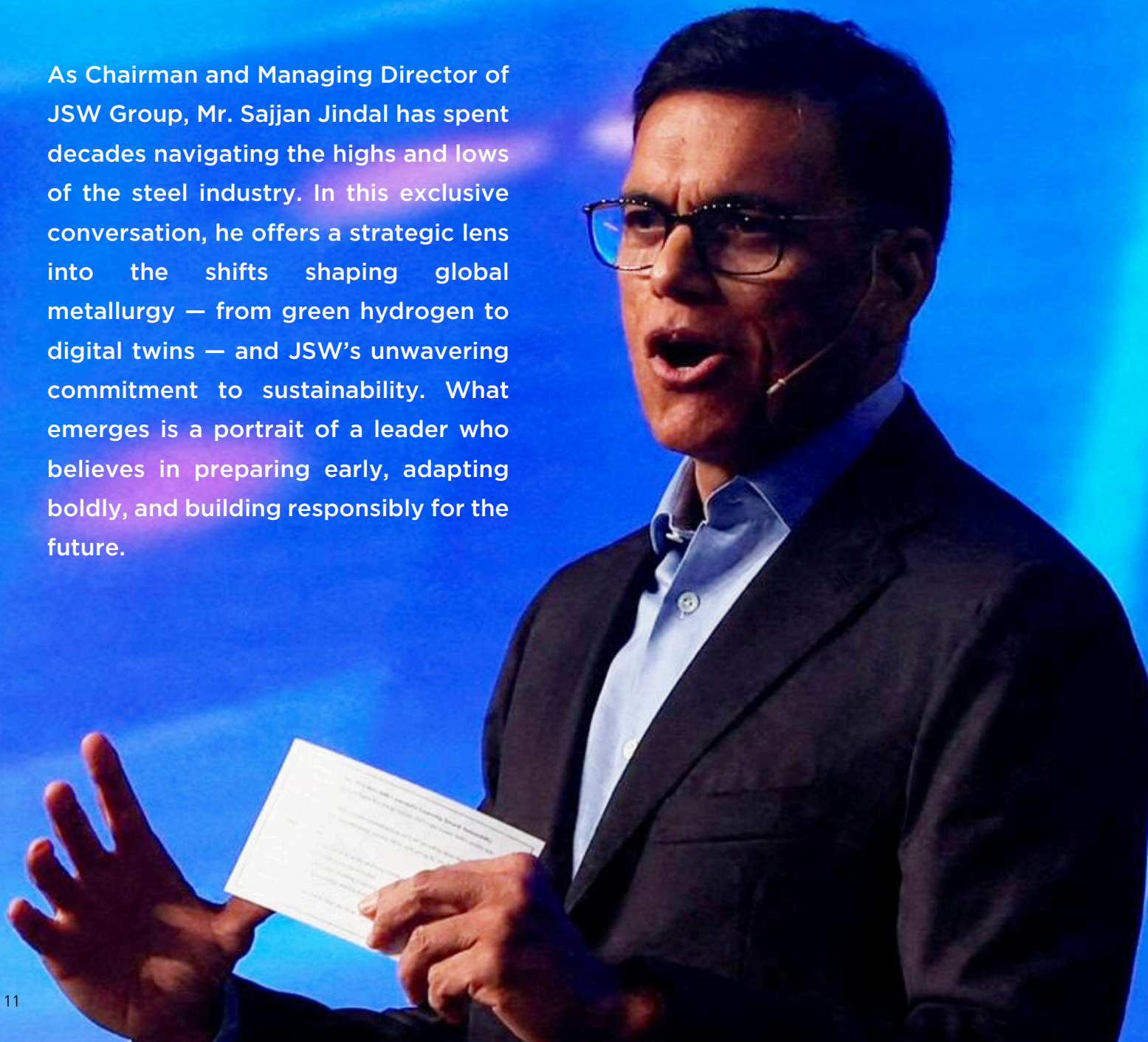


In conversation with Mr. Sajjan Jindal

On Steel, Sustainability, and Tough

Industry Questions.

As Chairman and Managing Director of JSW Group, Mr. Sajjan Jindal has spent decades navigating the highs and lows of the steel industry. In this exclusive conversation, he offers a strategic lens into the shifts shaping global metallurgy — from green hydrogen to digital twins — and JSW’s unwavering commitment to sustainability. What emerges is a portrait of a leader who believes in preparing early, adapting boldly, and building responsibly for the future.



Q: How do you see the global steel market evolving in the next 5–10 years?

A: The global steel market is set for a profound transformation, shaped by three major trends: decarbonisation, technological advancement, and changing demand dynamics.

First, sustainability will be a defining theme. The push towards green steel will accelerate, as countries and companies adopt net-zero targets. Technologies such as hydrogen-based steelmaking, carbon capture, and advanced recycling will be central. At JSW Steel, we are deeply committed to this transition and have already begun implementing several decarbonisation initiatives.

Second, digitalisation will reshape the industry. From AI-driven production to predictive maintenance and smarter logistics, steelmaking is becoming more agile, efficient, and less labour-intensive. Third, the demand landscape is evolving. While China remains key, significant growth will come from India, Southeast Asia, and Africa. India, in particular, is poised to become a global growth engine. JSW Steel is preparing to serve both domestic and global markets with high-quality, value-added products.

In summary, the decade ahead will be both challenging and full of opportunity. Those who invest early in green technologies, digital capabilities, and global efficiencies will lead. At JSW Steel, we aim not merely to adapt—but to lead.



Q: What impact are cheap imports (especially from China) having on domestic steel manufacturers?

A: The influx of low-cost steel imports—particularly from China—poses a serious threat to domestic steelmakers worldwide. These imports are often priced below cost, sometimes supported by state subsidies, which distorts fair competition.

In India, this has a twofold impact. It pressures domestic pricing, impacting margins for companies investing in quality and innovation. It also discourages investment in capacity, hindering the vision of a self-reliant India. At JSW Steel, we focus on high-quality, value-added steel and global competitiveness. However, continued dumping of underpriced steel undermines market confidence and weakens the industry’s health.

We believe the government has an important role in ensuring fair trade. Measures like anti-dumping duties, stringent quality checks, and trade remedies are essential. Indian steelmakers must also continue enhancing competitiveness—through innovation, sustainability, and customer-centricity.

Q: How is your company responding to fluctuations in steel demand and raw material prices?

A: Steel is a cyclical business, and we’ve built JSW Steel to be resilient through these fluctuations.

On the demand side, we prioritise value-added products across sectors with stable, long-term growth—such as renewables, automotive, and infrastructure. This reduces our exposure to commodity-grade steel and provides more pricing stability.

To manage input volatility—especially in iron ore and coking coal—we’ve diversified our global sourcing and secured long-term linkages. Our strategic integration includes iron ore mines in India, and beneficiation facilities for iron ore. We are also doing R&D on BHQ beneficiation and iron-rich waste recycling.

Digitalisation, AI, and operational excellence further enable us to control costs and improve efficiency. At JSW Steel, we don’t merely endure cycles—we are structured to thrive through them.

Q: What initiatives is your company taking to reduce carbon emissions and adopt green steel practices?

A: Sustainability is a core strategic priority at JSW Steel. Through our SEED programme (Sustainability, Energy, Environment and Decarbonisation), we have committed to reducing carbon intensity by 42% by 2030 (from a 2005 baseline).

This is backed by tangible actions: investments in energy-efficient technology, increased use of renewables, and exploration of green hydrogen and carbon capture. We are enhancing scrap usage and circularity. We've begun integrating solar and wind into our energy mix, and will reach 1GW of renewable energy capacity in the next few months. Notably, we are commissioning a 25 MW green hydrogen plant at Vijayanagar for DRI and blast furnace use—an industry first in India.

Q: How feasible is carbon neutrality in steel production—and by when?

A: Carbon neutrality is not a distant goal—it is an imperative. We believe it is achievable with the right policy support, innovation, and commitment.

At JSW Steel, we are already investing in renewable energy, electric arc furnaces, and green hydrogen. Technologies such as CCS and low-carbon fuels will be key long-term enablers.

We have set a target to reduce emissions intensity by 42% by 2030 and to achieve net zero by 2050. We need speed, scale, and ecosystem alignment to achieve these goals, and are fully committed to this transformation.

Q: What role do renewable energy and hydrogen play in your decarbonisation strategy?

A: They are central to our strategy. We are scaling up our renewable energy portfolio and integrating it into our plant operations. This is not only environmentally responsible but also economically sensible over time. Green hydrogen will be pivotal. We are piloting its use in DRI processes and are commissioning the country's largest 25 MW green hydrogen facility at Vijayanagar. Though the technology is still evolving globally, we are investing

Q: What new technologies are you adopting to increase efficiency?

A: We're deploying advanced digital and process technologies across our plants. Examples include dynamic process modelling in blast furnaces and BOFs, energy-efficient furnaces, and thin-slab casting. We're expanding digital twins and installing waste heat recovery systems. These are part of a structured transformation roadmap—not isolated initiatives.

Q: How is AI or Industry 4.0 changing operations at your plants?

A: Industry 4.0 is transforming steelmaking. We use AI for predictive maintenance, hot metal temperature prediction, and defect detection via computer vision. Centralised digital control rooms provide real-time visibility across operations.

These tools enhance throughput, quality, and responsiveness—embedding precision across the board.



Q: What are your top priorities over the next 3 years?

A: We are focused on four key areas:

1
Capacity expansion – progressing towards 50 MTPA by FY 2031.

2
Product value enhancement – especially for EVs, renewables, appliances, and infrastructure.

3
Green transformation – including hydrogen, circularity, and renewables.

4
Digital capability – embedding smart tools across the organisation.

Q: Are you exploring M&A or international expansion?

A: We are focused on growing in India, and our portfolio has a range of opportunities for brownfield growth. We have selectively looked at M&A opportunities, but have been quite disciplined in our approach. We will be open to opportunities in India that fit into our portfolio, and offer opportunities to for JSW to add value to the asset and grow it. Internationally, we are exploring raw material linkages, primarily for coking coal, while maintaining a disciplined approach.

Q: How do you remain competitive amid global steel overcapacity?

A: We focus on cost efficiency, product differentiation, and ESG leadership. Co-location strategies reduce logistics costs, and our specialised product portfolio—including electrical and high-tensile steel—helps us avoid commoditisation.

India is a market that is seeing healthy growth, and we have been able to execute growth projects very efficiently



Q: How are you handling regulatory and compliance pressures?

A: Compliance is fundamental to our operating philosophy. We go beyond legal requirements—investing in zero-liquid discharge, ESG audits, and modern safety systems. Our people practices include health and safety training, continuous development, and welfare initiatives.

Q: Has geopolitics impacted your operations?

A: Yes, but we manage the risks carefully. While geopolitical tensions affect trade and input costs, they also create opportunities. India’s robust domestic demand offers a cushion, and we remain agile by diversifying exports.

Q: What is your long-term vision for JSW Steel?

A: We aim to be a global leader in green and value-added steel. Our focus is on innovation, sustainability, and enabling future industries. We want JSW to represent the best of modern Indian industry—competitive, responsible, and inclusive.

Q: How do you define success in a cyclical industry like steel?

A: Success is about resilience—navigating downturns, not just thriving in upcycles. For us, that means strong financials, cost discipline, innovation, and stakeholder value creation. That’s what we strive to deliver, cycle after cycle.

Q: How are you attracting and retaining talent?

A: We offer more than jobs—we offer purpose. With leadership programmes, academic partnerships, and growth pathways, we position steel as a modern, high-tech industry of impact. We also emphasise diversity and inclusion, especially in operations.

Q: How are you preparing your workforce for technology disruption?

A: We are investing in upskilling across automation, AI, and smart manufacturing. Through JSW Technical Academy and global partnerships, we equip employees with critical future-ready skills.





Q: Are you collaborating with academic or research institutions?

A: Yes. We work closely with IITs, IISc, CSIR, and international partners to co-develop innovations across alloys, hydrogen metallurgy, carbon capture, and circularity. Collaboration is key to staying ahead.

Q: Are you investing in sustainable materials R&D?

A: Absolutely. We are developing alternative binders, slag-based materials, and advanced coatings. These not only reduce emissions but also open new revenue streams in the circular economy.

Q: What are the biggest risks facing JSW Steel and the industry?

A: : Key risks include elevated production and exports from China onto the world markets, raw material volatility, geopolitical disruptions, and climate-related compliance. We address these through operational efficiencies that improve our competitiveness, vertical integration, strong governance, and sustainability-led transformation.

Internally, we focus on digital skilling and workforce adaptability to future-proof our talent base.

Q: Is JSW diversifying into other metals?

A: JSW Steel's core remains steel, but through other companies, the JSW Group is exploring areas such as copper and battery materials. We have secured copper mining rights and plan to build smelting capacity. Any diversification is aligned to India's long-term industrial needs and our core capabilities.

Q: How do you see the role of IIM in supporting the industry?

A: As President of the Indian Institute of Metals, I see IIM as a critical bridge between academia, industry, and policy. It is expanding its scope beyond metallurgy to the wider materials ecosystem—playing a key role in talent development, innovation, and industrial progress. I encourage all professionals and students to be part of this movement.



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New Roles, Continued Excellence: Celebrating Recognition of Esteemed IIM Members

The Indian Institute of Metals proudly congratulates its members who have recently been appointed to new positions of leadership and responsibility. Their dedication, expertise, and continued service to the metallurgy community set a shining example for us all. We wish them every success in their new roles as they contribute to the ongoing growth and excellence of IIM.



Prof B S Murty

After an accomplished five-year stint, Prof. B S Murty, Director, IIT Hyderabad and Incoming President of IIM has been reappointed as the Director, IIT Hyderabad for a period of another five years.

Prof. Murty is not only a prolific researcher but also an institution builder, mentor, and visionary leader, whose contributions have greatly impacted Engineering Education and Research in India.



Dr S V S Narayana Murty

Dr. S. V. S. Narayana Murty, a Life Member of The Indian Institute of Metals has been entrusted with the role of Chairman and Managing Director (CMD) at Mishra Dhatu Nigam Limited (MIDHANI), a leading PSU under the Ministry of Defence. He officially assumed charge as CMD on April 28, 2025.

He is an accomplished Metallurgist and Space Materials Expert and his work ranks him among the top 2% of scientists globally (as per Stanford University metrics).



Mr T V Narendran

Mr. T V Narendran, Global CEO and Managing Director, Tata Steel Ltd. and Former President, IIM, have been awarded the prestigious Willy Korf/ Ken Iverson Steel Vision Award during Global Steel Dynamics Forum hosted by World Steel Dynamics and the Association for Iron & Steel Technology at New York on 17th June, 2025.

The award honours individuals who have made significant contributions to the steel industry while promoting goodwill and integrity.



Dr Samir V Kamat

The Central Government extended the tenure of Defence Research and Development Organisation (DRDO) Chief Dr. Samir V Kamat, Former President, IIM by one more year, till May 2026. This is his second extension in the post.

A distinguished scientist Dr. Kamat was appointed as Secretary of the Department of Defence Research and Development (DDR&D) and the DRDO Chairman on August 25, 2022.

IIM CHAPTER ACTIVITIES

JAIPUR CHAPTER

IIM Jaipur Chapter and Dept. of Met. & Matrls. Engg., MNIT Jaipur jointly organised the Expert Talks by Dr. Avijit Kumar Metya, Sr. Principal Scientist, and Dr. Snehashish Tripathy, Principal Scientist at CSIR-National Metallurgical Laboratory, on 8th April, 2025 from 2pm to 4pm in the VLTC-305. Dr. R. K. Goyal, Professor at MNIT Jaipur & Chairman, IIM Jaipur Chapter welcomed the delegates. Dr. Randhir Kumar Singh, Assistant Professor at Dept. of Met. & Mat. Engg., MNIT Jaipur and Joint-Secretary IIM Jaipur Chapter introduced the speakers.



The lectures (offline) were delivered on:

1. Development of high temperature, low sag Al alloy conductor by Dr. Snehashish Tripathy, from 2pm to 3 pm
2. Ultrasonic NDE and mechanical properties evaluation by Dr. Avijit Kumar Metya, from 3pm to 4pm.

There were about 10 delegates and around 75 UG students were present. The event concluded with a vote of thanks by Dr. Kunal Borse, Member, IIM Jaipur Chapter.



GOVT. POLY. VISAKHAPATNAM - Student Affiliated Chapter

IIM Student Affiliated Chapter, Government Polytechnic, Visakhapatnam, Andhra Pradesh in association with IIM Visakhapatnam Chapter conducted an expert lecture on “Sustainable materials for emerging technology” for the benefit of the diploma students in Metallurgical Engineering. The Lecture was held at 8.00 am on 2nd April 2025 at Lecture hall - 2, Metallurgical Engineering Block, Government Polytechnic, Visakhapatnam.

The meeting was presided over by Dr. K. Ratna Kumar, Head, Metallurgical Engineering department. He elucidated the importance of research and usage of

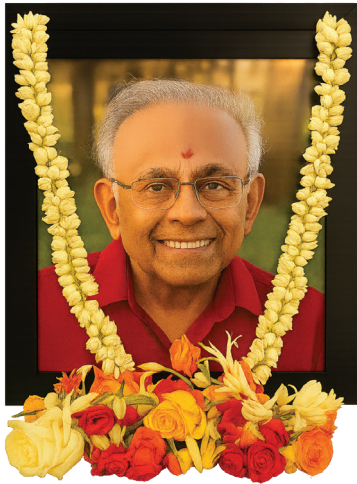
sustainable materials for the overall development of the society. Sri M. Kumar Raja, Assistant Professor in Chaitanya Engineering College, Visakhapatnam and Research Scholar at IIT(ISM), Dhanbad was the Speaker who explained the usage of sustainable materials as implants in the medical field. In the concluding remarks Dr. K. Ratna Kumar expressed his sincere thanks to the Speaker and IIM Visakhapatnam Chapter for effectively conducting the lecture. The faculty members of ME Dept., Government Polytechnic, Visakhapatnam has also participated and encouraged the students.

VIJAYNAGAR CHAPTER

IIM Vijaynagar Chapter organised a Lecture on 22nd May 2025 on the theme “Sustainable Materials in Cement and Construction” at Forum, JSW Experience Centre. The talk was delivered by Dr. Sanjay Mundra (General Manager- Scientist E), National Council for Cement and Building Materials (NCB) who commands over 26 years of experience in concrete technologies, sustainable aggregate use, non-destructive testing and assessment & structural repair of reinforced concrete structures. The lecture focused on minimizing magnesia based free lime expansion by reduction in free lime content of LD slag-fine aggregate through mineral carbonation and its utilization in concrete. The lecture highlighted the effect of different phases in LD slag fine aggregate and methodologies of free lime content reduction for increasing the utilization of coarse aggregates. The Speaker demonstrated on an experimental study where processed LD slag was investigated for usage as a fine aggregate in concrete, characterizing it per IS:383-2016 wherein, it was found that while LD slag fine aggregate showed significantly higher volumetric expansion (3.81%) compared to standard and crushed sands, mortar bar tests indicated it is innocuous in nature. The lecture was attended by more than 50 participants from JSW Vijayanagar Works.



Our Deepest Condolences



Prof. Ranjit Kumar Ray

1942 – 2025

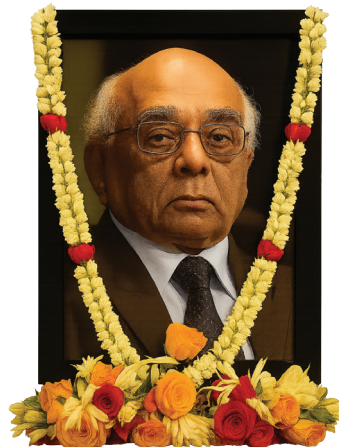
With a deeply pained and heavy heart we convey that **Prof. Ranjit Kumar Ray, Former Professor, IIT Kanpur and Former Visiting Scientist, Tata Steel Ltd. and Honorary Member of IIM** had left for the heavenly abode. The IIM fraternity deeply mourns his sad demise. He was a towering figure in the field of materials science and a beloved mentor to generations of students.

Professor Ray's academic journey began at IEST Shibpur (formerly B.E. College), where he completed his M.E. and Ph.D., later joining the faculty. He went on to earn a second Ph.D. from Birmingham University, UK, and eventually joined IIT Kanpur, where he served with distinction until his retirement. Even after superannuation, his passion for research continued as he contributed to Tata Steel's R&D department for over a decade and collaborated with numerous institutions in various capacities.

Often referred to as the **Father of Texture Studies** in India, Professor Ray introduced the groundbreaking course **Crystallographic Texture in Materials Engineering at IIT Kanpur** in the early 1980s. This was a pivotal moment in Indian academia, as it brought to light the critical role of texture—alongside microstructure—in determining the mechanical properties of materials. His work laid the foundation for a new wave of research and innovation in the field.

He was more than a scholar—he was a teacher par excellence, a philosopher, and a guide. His mentorship shaped countless careers, and his legacy lives on through the achievements of his students. Ask any of them who had the greatest impact on their professional journey, and the answer will likely be: Professor Ray.

Professor Ray was not just a mentor, but a friend, philosopher, and guide.



Dr. Rajagopala Chidambaram

1936 – 2025

We are deeply saddened by the passing of **Dr. Rajagopala Chidambaram**, one of India's most distinguished scientists and a towering figure in the field of nuclear science and technology. His demise marks the end of an era in India's scientific and strategic advancement. He was the Honorary Member of IIM since 2007.

Dr. Chidambaram's contributions to the nation are monumental. As the **architect of India's nuclear programme**, he played a pivotal role in both **Pokhran-I (1974)** and **Pokhran-II (1998)** nuclear tests, which firmly established India's position as a responsible nuclear power. His visionary leadership as **Chairman of the Atomic Energy Commission** and **Principal Scientific Adviser to the Government of India** laid the foundation for numerous national science and technology initiatives.

A true scientist, leader, and institution builder, Dr. Chidambaram combined brilliance in theoretical research with a strong sense of national duty. He remained a guiding force in promoting indigenous research, high-performance computing, and rural technology initiatives, earning him the admiration of the global scientific community.

We extend our deepest condolences to his family, colleagues, and all those whose lives he touched. His legacy will continue to inspire generations of scientists and technologists in the years to come.

May their souls rest in peace.



BUILDING THE NATION OF TOMORROW

Tata Steel Kalinganagar continues to apply Fourth Industrial Revolution technologies to achieve growth while reducing environmental impact. Being recognised as India's first Manufacturing Lighthouse*, automations and digital interventions

are driving productivity while decreasing energy consumption. Just a few ways how Tata Steel is working towards a brighter tomorrow for Odisha and the nation.

*Recognized by World Economic Forum



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IIM
Metallurgy
Materials Engineering

IIM-ATM 2025 & NMA

**79th Annual Technical Meeting of The Indian Institute
of Metals (IIM-ATM)
and**

**International Conference on Advanced Materials
and Critical Minerals for Energy Transition**

Date: December 4-6, 2025

Venue: IIT Hyderabad, Kandi, Sangareddy

Organizing Chapters

**IIM Hyderabad, IIM Visakhapatnam, IIM Paloncha
and IIM Nagpur**

The flagship annual event, IIM-ATM 2025, is a unique platform wherein the relevant people representing all significant sectors of Industry, Academia, and R&D institutes from all parts of India and abroad join together to deliberate on recent advancements and current initiatives. The participants from different disciplines get an opportunity to share ideas and their rich experiences in the fields of their specialization. There will be various themes that cover all the crucial and emerging topics of interest for the materials community.

The International Conference will throw light on contemporary topics of relevance such as green manufacturing, strategic minerals, accelerated development of advanced materials, composites, and manufacturing technologies. Advanced characterization of microstructure and mechanical behavior of various materials could be covered.

A Technical exhibition & Metallography contest on the theme topic and presentation of IIM Awards will be added attractions of IIM-ATM 2025

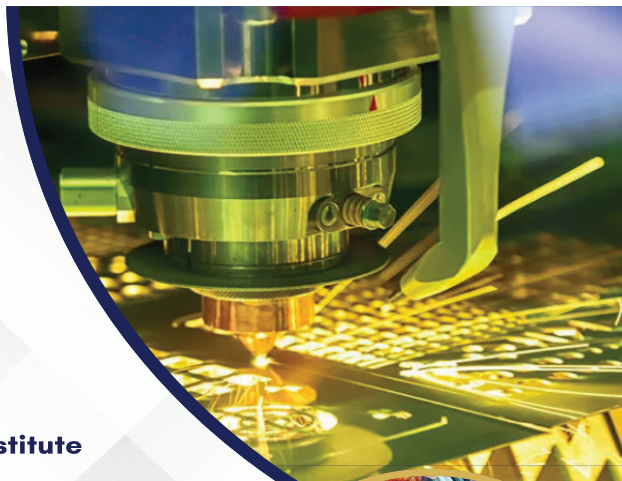


President of IIM: 2024-25
Shri Sajjan Jindal, Chairman, JSW



Incoming President of IIM: 2025-26
Prof. B.S. Murty, Director, IIT Hyderabad

**The IIM-ATM 2025 organizing committee
cordially invites you to join this magnificent
platform of learning, sharing, and
networking**



December 4, 2025

- Inaugural function
- International Conference
- Opening of technical exhibition & metallography contest

December 5, 2025

- IIM Award Ceremony
- NMA Award Ceremony
- IIM Memorial Lectures
- 79th Annual Technical Meet

December 6, 2025

- 79th Annual Technical Meet
- Presentation of ATM awards
- Valedictory function

Chairman: Dr. S.K. Jha
Convener: Prof. K. Bhanu Sankara Rao
Co-Convener : Dr. Tata Narasinga Rao
Contact: kota.bhanu@gmail.com,
tatanrao@gmail.com

International Symposium on Advanced Materials and Critical Minerals for Energy Transition

In today's dynamic industrial landscape, the convergence of state-of-the-art technologies within materials and critical minerals is indispensable for driving sustainable growth and maintaining competitiveness. Transformative advancements in materials, critical minerals, and manufacturing represent a profound shift in how we conceive, develop, and utilize materials across various industrial sectors.

By harnessing these transformative technologies, manufacturers can unlock unprecedented levels of precision, customization & cost-effectiveness in their production processes. This symposium serves as a focal point for industry thought leaders, researchers, and innovators to convene and explore the latest breakthroughs that are shaping the future of manufacturing.

With leading minds from around the world presenting their pioneering research and insights, this conference offers a unique platform for industry stakeholders to glean invaluable knowledge and perspectives. By showcasing transformative technologies and discussing their real-world applications, we empower industries to navigate the evolving landscape and make informed decisions about their technological investments.

Join us as we collectively chart a course toward a more efficient, sustainable and technologically-driven future for materials, critical minerals, and manufacturing.

IIM-ATM 2025

Mark your calendars for the 79th Annual Technical Meeting of The Indian Institute of Metals (IIM-ATM), taking place from December 4 to 6th, 2025. This event will be an unparalleled opportunity to delve into a wide spectrum of subjects, including mineral processing, ferrous and non-ferrous metals, advanced materials, critical minerals, additive manufacturing, digitalization and sustainability practices.

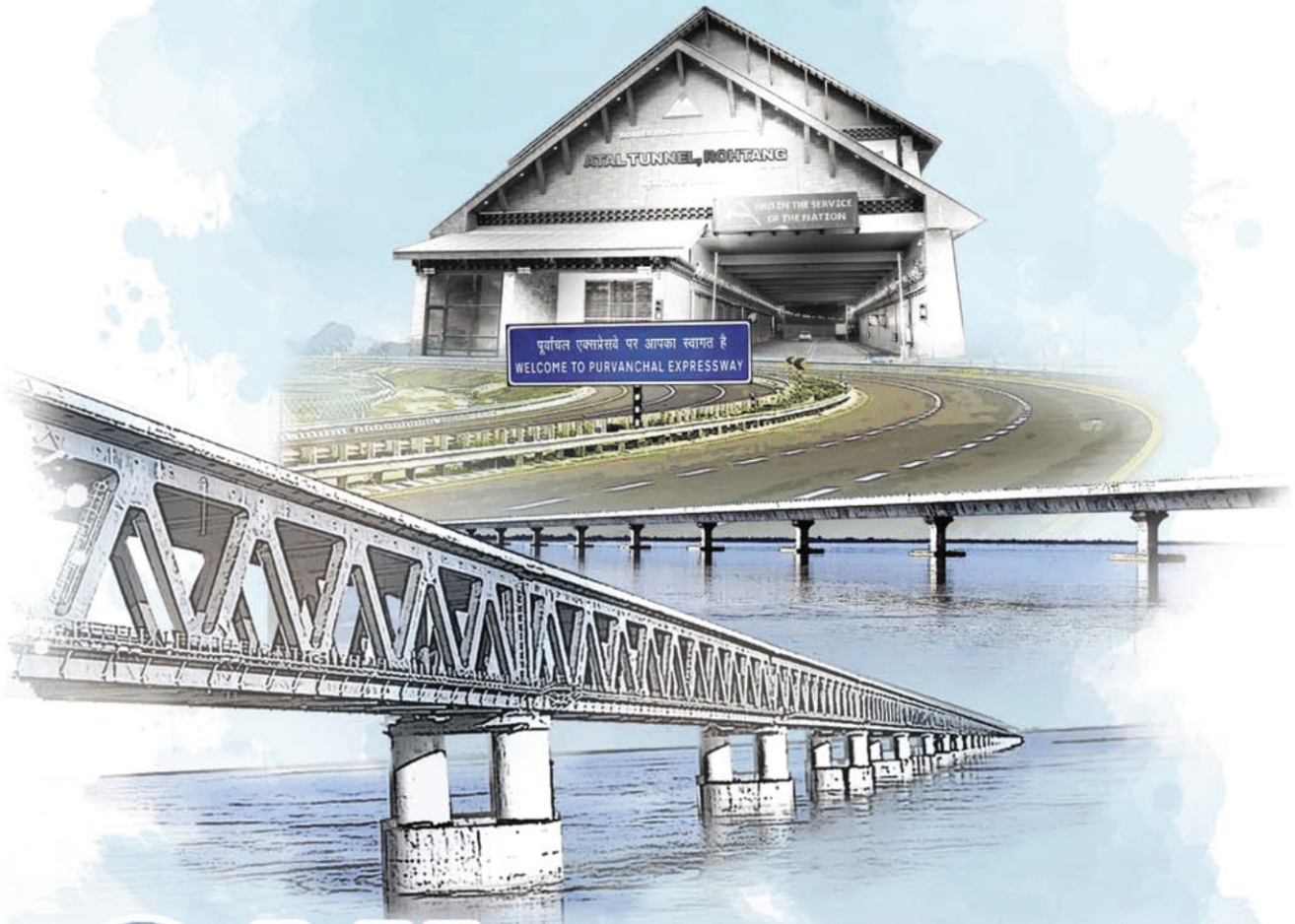
Joining us will be a diverse array of professionals, including metallurgists, material scientists, engineers, students, and more, all eager to engage in extensive knowledge sharing and lively discussions. At the heart of the IIM-ATM, there will be an international conference featuring cutting-edge topics such as high entropy alloys, super alloys, composites, ceramics, strategic and rare metals, additive manufacturing, and accelerated materials development through ICME technology. Thematic sessions will delve into crucial and emerging areas, offering insights that will benefit the entire industrial community. Expect to connect with representatives from industries, Government bodies, research scholars, technical experts, and students.

In addition to the enriching discussions, the event will host a dynamic technical exhibition. This platform will showcase the activities, products, and innovative initiatives of enterprises across the metal, materials, critical minerals, and manufacturing sectors. Whether you represent a large corporation or a small-scale enterprise, this exhibition will provide invaluable opportunities for networking and discovering the latest methodologies and techniques shaping our industry's landscape.



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When ISRO embarked on space missions Chandrayaan, Mangalyaan and Gaganyaan,

we indigenised and supplied their aluminium alloy requirements.

When the Pharma industry needed Covid vaccine vial caps, we developed the special aluminium needed to replace imports.

When the world needs a better EV powering system, we work to create an Aluminium-Air battery that doesn't need charging infrastructure.

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