

Issue: October – November 2025

NEWSLETTER

Department Of Management Studies & Industrial Engineering



DEPARTMENTAL ACTIVITIES



From the Editor's Desk

Welcome to this edition of our departmental newsletter! As we continue to navigate through another exciting chapter of the year, we're thrilled to share the many milestones, updates, and achievements that have taken place within our department.

About the Department

The Department of Industrial Engineering and Management was established in 1977 offering M. Tech programme in Industrial Engineering and Management (IE&M). Having run the M. Tech. programme in IE&M for two full decades, the department gained requisite experience as well as expertise for running the MBA program. Keeping pace with the changing times, the erstwhile Department of Industrial Engineering and Management (IE&M) was restructured and re-christened as Department of Management Studies & Industrial Engineering.

CBDE

The Department of Management Studies & Industrial Engineering (DMSIE) successfully organised the 2nd and 3rd Workshops on **Innovation & Product Development** under the **CBDE** initiative of the **Malaviya Mission Teacher Training Program** at IIT (ISM) Dhanbad.

The workshops, held on 8th and 9th November 2025, were led by **Prof. Nachiketa Tiwari** from **IIT Kanpur**, focussing on **Customer Validation & Problem Definition** (Workshop 2) and **Review of Requirements & Business Case** (Workshop 3). Through interactive conversations and practical exercises, participants were exposed to design thinking, creativity, and entrepreneurship.

The workshops were coordinated by **Prof. Shikha Singh** and **Prof. Mrinalini Pandey**, whose ongoing support enabled the smooth execution of the series.



ACHIEVEMENT OF FACULTY MEMBERS



The IEOM Society International presented the “*Outstanding Professor Award*” to **Prof Sandeep Mondal**, in recognition and appreciation of remarkable contribution to Research, Teaching, Publication and Service to the Industrial Engineering and Operations Management Profession. The award was presented at the **5th IEOM India Conference Awards Ceremony**, held during November 6-8, 2025 at **VIT Vellore**. **Prof Sandeep Mondal** also delivered a keynote address on the topic “*Remanufacturing: complexities and prospects*”.

As the **Head of the Department**, **Prof. Sandeep Mondal** achievement is a moment of immense pride for the entire department and institution. His leadership, vision, and continuous guidance have played a crucial role in strengthening the academic culture, research orientation, and industry connect of the department. This international recognition not only honours his individual excellence but also reflects the collective growth and **progress of the department** under his stewardship.



CSR & SOCIAL IMPACT ACTIVITIES



Leadership & Management Development Programme (MDP)



The Indian Institute of Technology (Indian School of Mines) Dhanbad conducted a five-day Leadership and **Management Development Programme (MDP)** for elected representatives and *Panchayati Raj functionaries of the Department of Panchayati Raj (DoPR)*, Government of Jharkhand, at the Executive Development Centre (EDC), IIT (ISM) Dhanbad during three phases held in **November 2025**. The programme focused on leadership development, financial planning, digital governance, & strengthening grassroots administration, with active academic support from the (DMSIE).

Capacity Building of Panchayati Raj Functionaries

IIT (ISM) Dhanbad conducted a five-day Leadership & Management Development Programme (MDP) for **Panchayati Raj Functionaries of the Department of Panchayati Raj (DoPR)**, Government of Jharkhand, at the *Executive Development Centre (EDC)* during November 2025. The programme was designed to strengthen leadership capabilities, financial decision-making, digital governance, and effective grassroots administration among elected representatives. The sessions were conducted under the leadership of **Prof. Rajni Singh** (CI), along with **Prof. Rashmi Singh** (Co-CI) and **Prof. Niladri Das** (Co-CI), along with SBI experts and **Dr. Sunil Kumar**, who shared practical insights on rural banking, revenue generation, project management, and governance reforms. The programme provided participants with a strong platform for skill enhancement and capacity building at the grassroots level.

CSR & SOCIAL IMPACT ACTIVITIES



CSR Programme on Millet Cultivation

A three-day Capacity Building Programme on “**Empowering Tribal Women Entrepreneurs through High-Quality Millet Cultivation**” was conducted from 9–11 October 2025 at Salma Gram Panchayat, **Bankura** (Saltora Block), West Bengal, by IIT (ISM) Dhanbad in collaboration with **Coal India Limited (CIL), Kolkata**.



The programme focused on sustainable agriculture, **high-quality millet cultivation, entrepreneurship development**, and the use of digital marketing to improve market access for millet-based products. Key sessions were delivered by **Dr. Mohan Kumar Biswas** (Visva-Bharathi Santiniketan) on millets and crop health management, **Mr. Sumit Layek**, Agri-Business Expert, on financing, entrepreneurship, and budgeting, and **Dr. Md. Hasrat Ali** (BCKV) on market dynamics, buyer expectations, FPO linkages, and digital branding.



The programme was coordinated by **Dr. Niladri Das** (Project Investigator) and **Dr. Rashmi Singh** (Co-Project Investigator), **Department of Management Studies & Industrial Engineering, IIT (ISM)**, with support from the project team, and witnessed the participation of **170 women** over three days (**Day 1: 52, Day 2: 59, Day 3: 59**), reflecting strong interest in millet-based entrepreneurship.



PUBLICATIONS, PRESENTATIONS



Paper Publication

Prof. Govind Swaroop Pathak published a research paper titled "*Impact of Resilience on Emotional Intelligence & Burnout Among Academicians: A Mediation Study*" in **American Business Review: Vol. 28**, co-authored with **Sudha Shwati, Shrejal Kumari**. The study examines the mediating role of resilience in the relationship between emotional intelligence and burnout among academicians. [DOI:10.37625/abr.28.2.652-671](https://doi.org/10.37625/abr.28.2.652-671).

Prof. Niladri Das published a research paper titled "*Entrepreneurship and MSMEs' Financial Performance: A Bibliometric Analysis and Future Research Avenues*" in **Journal of International Entrepreneurship**, co-authored with **Deependra Pal** and **Prof. Rashmi Singh** [DOI:10.1007/s10843-025-00399-4](https://doi.org/10.1007/s10843-025-00399-4)



Santanu Mondal, along with **Prof. Rashmi Singh** published a research paper titled "*Cyber risk propagation and budget optimization in financial networks: a Monte Carlo approach*" in the **International Journal of System Assurance Engineering and Management**. [DOI:doi.org/10.1007/s13198-025-03050-6](https://doi.org/10.1007/s13198-025-03050-6)

Pramit Khatua, Research Scholar at Department of Management Studies and Industrial Engineering, Indian Institute of Technology (ISM), Dhanbad, along with **Prof. Himanshu Gupta**, presented a research paper titled "*Digital Hustle, Green Muscle: Sustainable Development through Digital Micro-Entrepreneurship in the Age of Industry 5.0*" at the 12th International Conference on Sustainability (**SUSCON XII**) organized by **Indian Institute of Management, Shillong** from 20–22 November 2025. The paper was selected among the Top 22 Papers (one from each track) and also received the **Best Track Paper Award**.

Book Chapter Publication

Sumita Biswas authored a book chapter titled "*Assessing the Impact of ESG Initiatives on Financial Performance in the Energy Sector from Developing Countries : Efficiency Analysis and Productivity Growth by Data Envelopment Analysis and Malmquist Index*", co-authored by **Dr. Rashmi Singh** and **Dr. Niladri Das**, published in the book "*Data Analytics for Decision Making towards Business Excellence*". [DOI: 10.1007/978-981-95-2429-7_10](https://doi.org/10.1007/978-981-95-2429-7_10).

PUBLICATIONS, PRESENTATIONS & ACADEMIC ENGAGEMENTS



Executive Development Programme (EDP)

The Department successfully organized a three-day **Executive Development Programme (EDP)** on “*Open-Source GIS for Land Management in Coal Mining*” from **25th to 27th October 2025**. The programme was coordinated by **Prof. Himanshu Gupta** along with **Prof. Shashank Bansal**, and witnessed active participation from executives of various subsidiaries of **Coal India Limited**. The sessions focused on the application of open-source geospatial tools for land management, environmental monitoring, and mine planning, providing valuable industry-oriented insights to the participants.



Conferences

Session Chair in International Conference:

Prof. Govind Swaroop Pathak, chaired a session online ‘**Organizational Behavior and Human Resource Track 2: AI & Future of Work**’ on November 20, 2025 in the **Dr. Pritam Singh Memorial & FORE International Management Conference 2025**. The conference **PRISM-FIMC 2025**, themed “**Responsible Leadership in a Disruptive World: Geopolitics, Technology & Circularity**,” was held at the **FORE School of Management, New Delhi campus**.

Prof. Govind Swaroop Pathak, A. Pandey and S. T. Jeffery presented their paper titled “*Women’s Wellbeing Programs in the Information Technology Industry: A Pathway Towards Achieving the United Nations Sustainable Development Goals*” at the **International Conference on WASTEEM-2025**, held at **NIT Jamshedpur**.

Prof. Govind Swaroop Pathak and R. Chandra presented their paper “*The Three Leadership Basins and Integrative Well-Being: A Qualitative Study on the Balance of Integrative Well-Being in the Complexity of Sustainability*” at the **International HR Conference (IHRC) 2025**, held at **IIM Jammu**.

PUBLICATIONS, PRESENTATIONS & ACADEMIC ENGAGEMENTS



Conferences

Prof. G. S. Pathak and **S. Shrivastava** presented their paper “*Financial Inclusion and Digital Health for Women: Dual Pathways for Empowerment*” at **WASTEEM-2025**, held at **NIT Jamshedpur**

Prof G. S. Pathak, A. Verma, R. Jaiswal presented their paper “*Revisiting the Second Wave: Feminism, Patriarchy, and Gender-Based Violence – A Comparative Study of Abortion Laws in India and the United States*” at **WASTEEM-2025**, held at **NIT Jamshedpur**.

Diksha Kashyap presented a paper titled “*Algorithmic Iron Cage: Autonomy, Control, and Collective Voice in Platform Work*” at the **10th Pan IIM World Management Conference (National)**, critically examining how algorithmic management shapes worker autonomy, decision-making power, and collective expression in today’s platform-based economy.

Geetanjali won the **Best Development Paper Award** at the **Sports and Business Conference 2025**, hosted by **IIM Indore**. Her paper titled “*Managing Social Responsibility in Professional Sports: How Fan Perceptions Drive Brand Equity, Motivation, and Satisfaction in Mega Sports Events*” was highly appreciated for research quality and insights.

Rajat Rakshit presented a paper titled “*Nexus between ESG Disclosure and Market Efficiency: Mediation Effect of Information Asymmetry*” at the **10th Pan IIM World Management Conference (National)** held at **IIM Ranchi**, exploring the role of ESG disclosure in enhancing market transparency and efficiency through the lens of information asymmetry.

Sudhir Kumar Biswal presented a paper titled “*The Effect of Climate Risk on Corporate Default Risk: A Firm-Level Empirical Analysis*” at the **10th Pan IIM World Management Conference (National)** held at **IIM Ranchi**, examining the impact of climate-related risks on corporate financial stability.

Prof. Govind Swaroop Pathak and **A. Singh** presented their paper titled “*Exploring CauseRelated Marketing for Sustainable Consumption Behaviour*” at **WASTEEM-2025**, held at **NIT Jamshedpur** .

STUDENT ACHIEVEMENTS



Gujjari Sridhara Teja emerged as the Winner of the **FinQuest – Finance Case Competition** conducted by UBS, Chandigarh. He stood out among participants from various prestigious universities thanks to his solid understanding of financial topics, astute analytical thinking, and strategic judgement.



Abhishek Pal , *Shreya Kumari* , and *Devang Parate* (Team Oxim) secured the Runner-Up position at **Prod-O-Mania, SJMSOM IIT Bombay**. They showcased strong product-thinking, data-led analysis, and clear strategic planning, earning jury praise for defining user problems and delivering sharp, insight-driven solutions at a highly competitive national event.

Juhi Yadav and *Yogesh Tiwari* won **Raneeti 2025** for their innovative project “**FinSaarthi**,” an agentic AI system for proactive financial risk monitoring. The duo impressed with advanced borrower-stress prediction and thoughtful intervention strategies, making their work a highlight of the competition.

Charu Lata, *Chandrima Bannerjee*, and *Neha Boipoi* secured **2nd place** at **ProdQuest**, a national case competition by MNNIT Allahabad. Competing against top institutions, they stood out for their strong analysis, strategic thinking, and problem-solving skills. Their achievement reflects the department’s commitment to excellence and competitive learning.



PLACEMENTS



Placements

Sanjana Kothari, Anjali Bharti, Eisha Singh, Khushu Mehtani and Tanisha Sinha have been placed at **Cognizant**.



Himali Losarwar has been placed at **Sutherland**.



Internships

Shubham Yadav, Manish Kumar, Snehil Kashyap, Ankit Bhakat and Janvi Verma have got an Internship at **Happequity**.



Message From Alumni



Ayush Singh

MBA Core 2020-22

My MBA years sharpened my ability to navigate complexity, manage real world business issues with confidence. With the guidance of mentors and faculties I learnt how to perceive difficult challenges as opportunities to grow and to work with adaptability & accountability. These lessons continue to guide me in my professional journey.

I encourage all current students to stay curious, learn from your peers, network with industry pioneers, embrace the unexpected and lean into situations that push you to grow. My best wishes.

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