

Issue: Dec '25- Jan '26

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 Workshop

The Department of Management Studies & Industrial Engineering (DMSIE) successfully organised the 4th & 5th Workshop on **Innovation & Product Development** under the **CBDE** initiative of the **Malaviya Mission Teacher Training Program** at IIT (ISM) Dhanbad.

The workshops, held on 10th & 11th January 2026, were led by **Prof. J Ramkumar** from **IIT Kanpur**, focusing on **Product Concept Selection** (Workshop 4) and **Prototyping & Testing** (Workshop 5). The workshops enabled participants to systematically assess product ideas, develop functional prototypes and apply testing methodologies to refine design decisions.

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



DEPARTMENTAL ACTIVITIES



Alumni Meet 2026 | Celebrating 100 Years of Legacy

The **Alumni Relations Cell (ARC)**, under the guidance of its Faculty In-charge, **Prof. Aparna Krishna**, in collaboration with the **Management Society (MS)**, organized **Alumni Meet 2026** on **7th February 2026** as part of the 100th Year Celebrations of IIT (ISM) Dhanbad and Basant 2026. The event was conducted with the support of **Prof. Sandeep Mondal (President)**, **Prof. Shashank Bansal (Vice-President)**, and **Prof. Preeti Roy (Treasurer)**, whose leadership ensured the smooth execution of the program.



The meet witnessed enthusiastic participation from alumni across multiple batches, providing a meaningful platform for reconnecting, sharing experiences, and strengthening ties with the Department of Management Studies & Industrial Engineering. The department was honored to welcome **Pammi Kumari, Indranil Barat, Saureng Kumar, Akhilesh Singh, Krithi, Abhisheik, Kampan Mukharjee, Arvind Kumar Singh, Debjyoti Dev, Bolanath Sirkar, Apoorv, Sonu Jha, and Gautam Khandelwal**. Their presence enriched the occasion through engaging interactions and valuable insights, offering inspiration and guidance to current students and making the event both memorable and impactful. The exchange of ideas and reflections further reinforced the enduring connection between the alumni community and the department.



DEPARTMENTAL ACTIVITIES



Saraswati Puja Celebration 2026



The department celebrated **Saraswati Puja** on **23rd January 2026**, organized by **Rachna Club** under the guidance of Faculty In-charge **Prof. Preeti Roy**, bringing together students across all years and branches in a spirit of devotion and togetherness. The celebration commenced with the morning puja, followed by an evening aarti, creating a serene and uplifting atmosphere.



Behavioral Analysis Using Eye-Tracking



During the Centenary Foundation Week (**3rd–10th December 2025**), celebrating 100 Years of Excellence at IIT ISM Dhanbad, the Department of Management Studies & Industrial Engineering presented an interactive demonstration titled “**Behavioral Analysis Using Eye-Tracking Device: Unlocking Insights from Visual Attention & Cognitive Load.**” The stall drew participation from academicians, industry professionals, alumni, and students. The campus celebrations were graced by distinguished dignitaries, including **Gautam Adani** and **P. K. Mishra**. The demonstration introduced participants to eye-tracking technology and highlighted its applications in marketing, HR, finance, and mining, emphasizing its relevance in behavioral research and decision-making.



ACHIEVEMENT OF FACULTY MEMBERS



Executive Session for SECL, Bilaspur

Prof. Rashmi Singh (CI) and **Prof. Niladri Das (Co-CI)** conducted a session on **Project and Financial Management and Simulation Software** for executives of **SECL, Bilaspur**. The session focused on project planning, financial evaluation, and the use of simulation tools for effective managerial decision-making in the mining sector.

Orientation Programme on IKS Curriculum Integration

Prof. Krishnendu Shaw (PI), **Prof. Mrinalini Pandey**, and **Prof. Gyan Prakash (Co-PIs)** conducted an **Orientation Programme and Basic Training for Capacity Building in IKS for Curriculum Integration** from 12.01.2026 to 17.01.2026. The programme emphasized integrating traditional knowledge frameworks into modern academic curricula in alignment with NEP objectives.

Workshop on Millet Cultivation & Digital Marketing

Prof. Niladri Das (PI) and **Prof. Rashmi Singh (Co-PI)** conducted a workshop on **High-Quality Millet Cultivation to Empower Tribal Women Entrepreneurs in West Bengal and Creation of a Digital Marketing Platform for Effective Delivery**, sponsored by **Coal India Limited (Kolkata)**, at **Salma Gram Panchayat, Bankura**, from **16–18 December 2026**. The initiative aimed at promoting sustainable agriculture and entrepreneurship.

STEM Education Initiative for PAP Students

Prof. Rashmi Singh (PI) and **Prof. Niladri Das (Co-PI)** are leading the project **“Promoting STEM Education for Underprivileged and Project Affected Person (PAP) Students of BCCL Areas in Dhanbad through Innovative Techniques: A Logical, Digital and Experimental Approach for Learning,”** funded by **Bharat Coking Coal Limited (BCCL)**, the project focuses on enhancing logical, digital, and experimental learning approaches among students in coalfield areas.

CSR & SOCIAL IMPACT ACTIVITIES



Entrepreneurship & Enterprise Development Workshop

A three-day workshop from **16–18 December 2025** was successfully conducted under the CSR initiative titled “*Designing and Delivering Capacity Building Programme for High-Quality Millet Cultivation to Empower Tribal Women Entrepreneurs in West Bengal Creating Digital Marketing Platform for Effective Delivery*”, spearheaded by **IIT-ISM Dhanbad** and sponsored by **Coal India Limited (CIL)**.



The workshop aimed to empower tribal women entrepreneurs by strengthening their skills in high-quality millet cultivation, value addition, and market linkage development. Sessions covered packaging and branding fundamentals, FSSAI standards, label design, and both digital and physical marketing strategies. Participants also engaged in hands-on creation of WhatsApp, Facebook, and Instagram business profiles to enhance product visibility and outreach.



The programme further addressed enterprise scaling and financial linkages, highlighting government schemes such as PMFME, SFURTI, NRLM, and NABARD. With participation from **156 attendees**, the interactive sessions encouraged active learning and confidence-building, reinforcing the initiative’s focus on women empowerment, digital inclusion, and sustainable livelihood development through impactful CSR collaboration.



The initiative reflects IIT (ISM) Dhanbad’s commitment to community-driven capacity building and sustainable socio-economic development in the region, creating meaningful opportunities for income enhancement and entrepreneurial empowerment.

EDP & INDUSTRY ENGAGEMENTS



EDP on Project & Financial Management at SECL



The **Executive Development Programme (EDP) on Project and Financial Management** was successfully conducted from **27–31 January 2026** at **SECL, Bilaspur**, as a collaborative initiative between **IIT (ISM) Dhanbad** and **South Eastern Coalfields Limited**.

The programme witnessed active participation from SECL executives across key domains, including mining, finance, operations, environment, and project planning. Expert sessions by distinguished academicians and industry professionals covered sustainability, net-zero mining, project scheduling, HR challenges, and agile management, along with core technical and financial modules delivered by faculty from IIT (ISM) Dhanbad.



The programme was graced by senior SECL leadership, including **Shri Harish Duhan (CMD)**, along with **Directors and HRD officials**, reflecting SECL's strong commitment to leadership development and sustainable mining excellence. The initiative significantly strengthened industry–academia collaboration by integrating practical insights with academic expertise, enhancing managerial capabilities and strategic decision-making within the mining sector. Through focused discussions and knowledge exchange, the programme reinforced capacity building efforts aimed at operational efficiency, innovation, and long-term sustainability in mining operations.

EDP & INDUSTRY ENGAGEMENTS



Dealer Development Programme for HPCL Franchise Owners



The Department of Management Studies and Industrial Engineering (DMSIE), IIT (ISM) Dhanbad, organized a three-day Dealer Development Programme (DDP) for dealers of Hindustan Petroleum Corporation Limited (HPCL) from **27th to 29th January 2026**, in collaboration with NSE Academy.

The programme aimed at strengthening managerial capabilities, operational excellence, and leadership effectiveness among HPCL dealers in response to evolving customer expectations, digital transformation, and increasing competition in retail fuel operations. The sessions were coordinated by **Prof. Shashank Bansal (Coordinator)** and **Prof. Himanshu Gupta (Co-Coordinator)**, with contributions from faculty members and industry experts. Key themes included strategic decision-making, dealership operations management, customer

relationship management, financial planning, digital transformation, sustainable business practices, and leadership development. The initiative reinforced IIT (ISM) Dhanbad's commitment to industry-academia collaboration and executive capacity building.



PUBLICATION PRESENTATION & ACADEMIC ENGAGEMENTS



Publications

Prof. Sandeep Mondal and Sanchari Ghosh have published a research paper titled “*Designing a Predictive Framework on Logistical Failures for the Global Oil and Gas Supply Chain*” in the journal Results in Engineering. The paper presents a predictive approach to analyzing logistical disruptions within the global oil and gas supply chain, contributing valuable insights to the field of supply chain risk management and engineering systems.

DOI: <https://doi.org/10.1016/j.rineng.2025.108242>

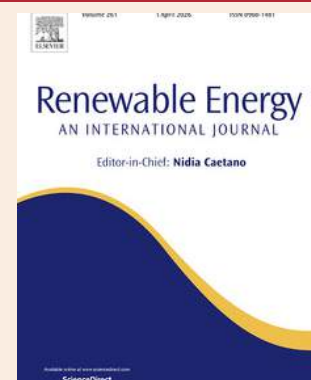


Prof. Sandeep Mondal and Sanchari Ghosh have published a research paper titled “*Navigating Workforce Transformation in Digital Era Supply Chain through Time Series Forecasting*” in the International Journal of System Assurance Engineering and Management. The study explores workforce transformation in digitally evolving supply chains using time series forecasting techniques, offering strategic insights into data-driven workforce planning and operational resilience.

DOI: <https://doi.org/10.1007/s13198-025-03118-3>

Prof. Preeti Roy and Rajesh Sahoo published a research paper titled “*Hedging across scales: Examining episodic or sustained strategies for energy, technology, and carbon portfolios*” in the reputed journal Renewable Energy. The study highlights strategic approaches to managing risk in energy and carbon markets.

DOI: <https://doi.org/10.1016/j.renene.2025.125129>



Prof. Niladri Das and Nikita Singh have published a research paper titled “*Trends and Insights in Sustainable Investment: A Comprehensive Literature Review*” in Global Knowledge, Memory and Communication (Web of Science, JCR Q2).

The paper provides a comprehensive review of emerging trends in sustainable investment, synthesizing key themes, research directions, and strategic insights that contribute to the evolving discourse on responsible finance and sustainability.

DOI: [10.1108/GKMC-07-2024-0451](https://doi.org/10.1108/GKMC-07-2024-0451)

PUBLICATION PRESENTATION & ACADEMIC ENGAGEMENTS



Conferences

Rajat Rakshit (23DR0125) attended the National Conference on *Disruptive Technologies and Business Resilience*, held from **30th January to 31st January, 2026**. The conference was organized by the **Faculty of Management Studies (FMS), New Delhi**.

Nakul Saha (25DR0159) participated in the **AHEAD International Conference 2025**, organized by the Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, India. He presented a research paper titled *“Strategies for Technology Integration in Hospitals for Rural India: Evidence from Field Study”* during the conference held from **15th December to 17th December, 2025**. The conference was **International** in nature.

Reema Anjana Hansda (23DR0298) participated in the *5th International Marketing Conference (iMarC-V): People, Privacy and Personalisation: Bridging Traditional and Digital Marketing in a New Era*, organized by **Indian Institute of Management Shillong**, held on **21st–22nd January, 2026**. The conference was **International** in nature.

Pramit Khatua, Research Scholar, along with **Prof. Himanshu Gupta**, presented a research paper titled *“Twinception: Intelligent Digital Twins for Smart and Sustainable Logistics 5.0”* at the India Management Research Conference 2025 (IMRC 2025), **IIM Ahmedabad**, during **05–07 December 2025**.

Pramit Khatua, along with **Prof. Himanshu Gupta**, also presented *“From Volatility to Value: Generative AI enabled Logistics 5.0 Catalyzing Sustainable Development”* at the 9th Biennial Supply Chain Management Conference, **IIM Bangalore**, on **11–12 December 2025**.

Pramit Khatua, along with **Prof. Himanshu Gupta**, presented *“Intelligent Digital Twin Enabled Sustainable Logistics Transformation”* at the POMS India International Conference 2025, held at **IIM Sambalpur** from **13–16 December 2025**.

Awards & Recognitions

Swati Kumari (25DR0069) secured **First Position** in *Nibandh Lekhan Pratiyogita*, organized during **Hindi Pakhwara**. She was awarded a **certificate along with a cash prize of ₹3,000** in recognition of her achievement.

STUDENT ACHIEVEMENTS



Shweta Arora, Shalini Kumari, Rituja Dayma, Sejal Gupta, Bhavika Dongre & Meghna Sharma successfully participated in the **Design & Innovation Workshop** organized by the **Design Innovation Centre, Department of Design, IIT Kanpur**, from 1st to 11th December 2025. This workshop was conducted as part of the **Capacity Building Design and Entrepreneurship Program (CBDE)** sponsored by the **Ministry of Education (MoE)**.

The workshop provided rigorous training in **design thinking, structured problem-solving, prototyping, and innovation-driven approaches**. Through **hands-on activities and collaborative projects**, the participants strengthened their ability to translate ideas into practical solutions and gained valuable exposure to interdisciplinary innovation practices.

Their participation reflects the department's continued emphasis on **experiential learning, innovation, and entrepreneurial mindset development**.

Akshay Kumar Uppala participated in the **31st Annual Student Simulation Competition** organized by **IISE** in collaboration with **Rockwell Automation**.

The competition required participants to solve a **real-world consulting** case using the **Arena simulation package**. The case focused on simulating a server manufacturing assembly line to **evaluate throughput, identify bottlenecks, and optimize resource utilization** prior to implementation, showcasing strong analytical and simulation modeling skills.

Abhishek Pal, Janvi Verma, Deepa, Mayuresh Thite, Devang Parate, and Shreya Kumari delivered an exceptional performance at the **Indian Case Challenge** organized by **IIT Kharagpur**, emerging among the **19 finalist teams** out of 7000+ participating teams nationwide.

The competition featured two rigorous case evaluations. The first case, based on Ather Energy, focused on strategizing the expansion of its two-wheeler EV business. The second case focused on developing a strategic revenue model for rural markets for **Hindustan Unilever Limited (HUL)**.



PLACEMENTS



Placements

Shrejal Singh, Vinla Rose, Moupali Mukherjee, Yogesh Tiwari, Aswani Das, Shreya Singh, Ananya Richu, Nikita Gajre, Lalith Sai, K Sandhyana, Anubhav Agarwal, Abhishek Ghosh, Antra Kumari & Juhi Yadav have been placed at **HCLTech**.

HCLTech



Karibasavaraj Karegoudra has been placed at **Robust International**.

Nazid Ahamad has been placed at **Kunal Housewares**.



Sagnik Mukherjee has been placed at **Cognizant Technology Solutions**.

Swayam Kumar Pradhan has qualified **IBPS PO** and is appointed as **Probationary Officer** at **Bank of Maharashtra**.



Bank of Maharashtra



Vanshika Choudhary, Sanjeevekrishnan P, Bharat Singhal, Aastha Jain, Nakshatra Shiv Hare, Shyamal Tirkey, and Skandh Gupta have been placed at **ICICI Bank**.

Pranjul Awasthi has been placed at **TATA Motors**.



ALUMNI MESSAGE



Message From Alumni



Vibhor Garg

MBA(Core) 2009-11

Reflecting on my time at **IIT (ISM)**, I've learned that while resilience is forged in the classroom, true growth comes from **embracing mentorship and guidance at every stage of your career**. In today's evolving industry, don't just build a resume, rather build a community that challenges and supports you. Stay grounded in the values of IIT (ISM), keep a student's mindset and remember that your network is your most enduring asset.

Current Designation: Cofounder, Startups Advisor & Consultant

Current Organisation: Arc Microsystems and Wonders Kids

Editorial Board

Dr. Preeti Roy

preetir@iitism.ac.in

Dr. Sabnam Basu

sabnambasu@iitism.ac.in

Student Co-ordinators

Vanshika Choudhary

24mb0082@iitism.ac.in

Sarmistha Chatterjee

25mb0081@iitism.ac.in

Saurabh Prakashrao Moon

25mb0082@iitism.ac.in