

Issue: July, 2025

Newsletter



Department of
Management Studies &
Industrial Engineering



Departmental Achievement



From the Editor's Desk

Dear Colleagues,

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.

A Glance over the recent Departmental Events

Lights, camera, orientation! The Department of Management Studies & Industrial Engineering rolled out the red carpet for its new stars: students full of dreams and determination, and welcomed the new cohort of bright minds, setting the tone for an enriching academic journey. Faculty members and seniors came together to share insights, values, and vision, laying a strong foundation for the road ahead.



Admission Statistics:

MBA Core = 87

MBA BA = 25

Industrial Engineering = 34



Number of Selections (Nov 24 - July 25):
Ph.D (Full Time) = 20
Ph.D (Part Time) = 21



Achievements of the Faculty Members



Conference

The **International Conference on Digital Technologies for Business Excellence and Sustainable Development and Creating Viksit Bharat @2047 (ICDTBESDVB 2025)** was held from **4th to 6th July 2025** at IIT (ISM) Dhanbad, bringing together global experts, researchers, industry leaders, and policymakers to explore how digital technologies can catalyze both sustainable development and national transformation. A key research focus of the event was to critically examine how integrated digital ecosystems can be leveraged to address India's long-term development agenda, especially in the context of achieving the goals outlined in the **Viksit Bharat @2047** vision.

The **pre-conference workshop** featured addresses by **Prof. Rashmi Singh, Prof. Sandeep Mondal, and Prof. Sagar Pal**, expert talks by speakers such as **Prof. Bal Kishan Dass, Dr. Konga Gopikrishna, and Dr. Prahlad Ram**. A session by **Ms. Yugaastha Saxena (Bloomberg)** introduced financial data tools, prompting new inquiry into how financial tech ecosystems can enhance data-driven decision-making in business and governance.

The **main conference** began with **keynotes** by **Prof. Magesh Chandramouli, Prof. Pierre Rene Marechal, Prof. Sanjay Mishra, and Dr. P.S. Mishra**, covering VR, optimization, AI in finance, and digital transformation in coal.

A highlight was the **global expert series**, featuring **Prof. Ajit Verma, Prof. Cyril Foropon, Prof. Nachiappan Subramanian, and Prof. Gerhard-Wilhelm Weber**, whose talk on **Generation Z and HR strategies using spatial data and game theory** drew special attention. **On 6th July**, plenaries explored AI in HR, fuzzy logic, sustainability risk, platform economies, and circular business models. Speakers included **Prof. Prabal Sen, Prof. Lata Dyaram, Prof. B.K. Mohanty**, and others. These sessions advanced several research avenues, including the adaptation of immersive technologies in industrial training, the role of AI in risk modeling, and digitization's long-term economic implications in legacy sectors like coal.

Parallel technical paper sessions continued throughout the day, covering topics such as **operations research, optimization algorithms, digital governance, and applied machine learning**.

The **valedictory session** featured reflections from key organizers and closing remarks by **Chief Guest Prof. A.K. Mishra**. **Prof. Rashmi Singh** and **Prof. Niladri Das** were instrumental in the conference's academic and operational success. **ICDTBESDVB 2025** proved to be a dynamic platform for shaping future research and innovation toward a digitally empowered, inclusive, and sustainable India by 2047.



Achievements of the Faculty Members



EDP

The **Indian Institute of Technology (Indian School of Mines), Dhanbad**, through its **Centre of Excellence**, supported by the **Ministry of Tribal Affairs, Government of India**, successfully organized a **Bootcamp on IT & Computer Training for EMRS Students under the Reward Scheme** from **17th to 19th July, 2025**. This initiative was conducted under the Reward Scheme for top-performing students of **Eklavya Model Residential Schools (EMRS)** across Jharkhand, as part of the larger mission to empower tribal youth through digital education. The Bootcamp was inaugurated in the presence of **Prof. Sukumar Mishra (Director, IIT (ISM) Dhanbad)**, who inspired students to aim high and embrace technology-driven careers. **Prof. Sandeep Mondal (HOD, DMSIE)** delivered the welcome address, while **Prof. Rashmi Singh (Principal Investigator)** outlined the vision of the program, emphasizing early digital empowerment for tribal communities. **Prof. Niladri Das (Co-PI)** delivered the vote of thanks. The Bootcamp featured hands-on sessions on Basic Computer Skills, where **Prof. Rashmi Singh** led the introductory training on essential digital tools and applications. Subsequent sessions introduced students to technologies like **Artificial Intelligence, Machine Learning, and Python Programming**, supported by interactive activities, videos, and real-world examples. Students also visited premier research and innovation centres, including **NVCTI, TexMin, ACIC, Robotics Lab, and the Central Research Facility**, witnessing demonstrations of **SEM, XRD, 3D printers, and more**. These visits provided firsthand exposure to cutting-edge scientific work and inspired a research-oriented mindset. A lively **Cultural Night** showcased traditional tribal dances, songs, and performances honouring icons like Birsa Munda and Sidho-Kanho, building a sense of pride, identity, and community. Faculty and EMRS teachers joined the celebrations, reinforcing cultural unity and mentorship. The program concluded with a Valedictory and Certificate Distribution Ceremony, celebrating student achievements and highlighting the camp's role in bridging the digital divide. Coordinated by **Prof. Rashmi Singh, Prof. Sandeep Mondal**, and **Prof. Niladri Das**, the Bootcamp marked a significant step in preparing tribal youth for a tech-driven future.



The Indian Institute of Technology (Indian School of Mines), Dhanbad, through its **Centre of Excellence**, supported by the **Ministry of Tribal Affairs, Government of India**, successfully conducted a **Brainstorming Session on 12th July 2025 at EMRS Tundi, Dhanbad and EMRS Palganj, Giridih**. The session was a key component of the ongoing project titled **“Capacity Building Training Programmes on Basic IT and Computer Training for Tribals in Jharkhand.”** Led by **Prof. Rashmi Singh** and **Prof. Niladri Das** from the **Department of Management Studies & Industrial Engineering (DMSIE), IIT(ISM) Dhanbad**, the session witnessed active participation from school principals, teachers, and tribal students. Discussions focused on curriculum review, infrastructure needs, training delivery gaps, and collaborative strategies for enhancing implementation effectiveness. Since the programme's inception on **1st July 2024**, it has impacted over **1,500 tribal students across seven EMRS schools—Kathijoria, Basia, Tasaria, Salgadih, Kujra, Torsindri, and Bhognadih**—with encouraging results and enthusiastic engagement. Previous sessions have played a vital role in developing practical and impactful IT training modules tailored for tribal youth. This recent brainstorming session helped further refine training approaches, strengthen academia-industry-school linkages, and outline actionable steps for future collaboration. The initiative continues to contribute significantly to bridging the digital divide and empowering tribal communities in Jharkhand with essential digital competencies.

STYLING: JANE ROBERTS

आदिवासी युवाओं को डिजिटल साक्षर बनाएगा आइएसएम



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विचारों विचारोन्मुख प्रत्यक्ष के
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Dhanbad: In a bid to accelerate digital empowerment among tribal youth in Jharkhand, IIT (ISM) Dhanbad held a joint brainstorming session on Thursday at EMRS Schools in Tundi (Dhanbad) and Palganj (Giridih). The session was led by Prof. Rashmi Singh and Prof. Niladri Das from the Department of Management Studies & Industrial Engineering as part of a larger initiative under the Centre of Excellence (CoE), funded by the Ministry of Tribal Affairs, Government of India.

The initiative part of an ongoing capacity-building programme focused on basic and advanced IT and computer training for tribal students. Since its rollout on July 1, 2024, the programme has reached over 1,500 students across seven EMRS schools, including Kathjoria, Basia, Tasaria, Salgadihi, Kujira, Torsindri, and Bhognadhi. The session brought together principals, teachers, and students to review the current training curriculum, identify implementation gaps, and assess digital infrastructure needs. A strong focus was placed on strengthening academia-school linkages, refining IT modules, and developing strategies for sustainable integration of technology in tribal education. Professors Singh and Das, who have been key figures in similar digital initiatives across Jharkhand, facilitated in-depth discussions aimed at bridging the digital divide in tribal regions.

Prof. Govind Swaroop Pathak and **Akansha Singh** presented a research paper titled **Promoting Sustainable Consumption through Cause-related Marketing: A Qualitative Case Study** in the **12th AIM-AMA Sheth Foundation International Marketing Conference**, organized by **Management Development Institute, Gurgaon** from **17th to 18th July, 2025**.

Publications, Presentations & Academic Engagements



Paper Publications:

Steffy T Jeffery published a research paper titled **Achieving the United Nations Sustainable Development Goals Through Employee Assistance Programs in IT & IT-BPM Companies**, co-authored with **Anjali Pandey** and **Dr. Govind Swaroop Pathak**, that was presented at the **6th International Conference on Recent Advances in Information Technology (RAIT), IEEE Xplore**.

Rohit Chandra published a research paper titled **The New Canon Couple: Artificial Intelligence-Assisted Energy Transition & Sociotechnical Challenges in a Developing Country**, co-authored with **Dr. Govind Swaroop Pathak**, that was presented at the **6th International Conference on Recent Advances in Information Technology (RAIT), IEEE Xplore**.

Shivam Mishra published a research paper titled **Integration of capacitated lot sizing decision and supply chain network design model addressing sustainable and risk factors**, co-authored with **Dr. Krishnendu Shaw**, in the **Journal of Modelling in Management (ABDC: C, Web of Science: Q2)**



Awards, Recognition and Workshops

Satya Prakash Mani won the **Best Research Paper Presentation Award** titled **Geopolitical Risks and Related Party Transactions: Evidence from an Emerging Market**, co-authored with **Dr. Shashank Bansal** at **PAN-IIT International Conference on Financial Market and Corporate Finance, 2025**, organized by **IIT Kharagpur** from **28th to 29th June, 2025**.

Monu Rajak was recognized and awarded the **NPTEL Discipline star award** at the **1st NPTEL star awards felicitation ceremony** for East Zone, organized by **IIT Kharagpur** on **20th July, 2025**.

Monu Rajak participated in the **National-level one week FDP on Research Methodology** organized by the **University of Mumbai** from **09th to 16th July, 2025**.



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