

Issue: February, 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

International Conference on Future-Ready Hospitals: Strategic Adoption of Industry 4.0 Technologies (ICFRH-2025) with vision Viksit Bharat@2047 (February 7th & 8th, 2025)

*The Department of Management Studies and Industrial Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad, in collaboration with Health innovation tool box and the Indian Council of Social Sciences Research (ICSSR), successfully hosted the **International Conference on Future-Ready Hospitals: Strategic Adoption of Industry 4.0 Technologies (ICFRH-2025)**. The two-day event aimed at advancing the integration of Industry 4.0 technologies into healthcare systems, transforming hospitals into future-ready institutions.*

Conference Convenor: Prof. Esha Saha (IIT ISM, Dhanbad)

Conference Co-Convenor: Prof. Shikha Singh (IIT ISM, Dhanbad)



Departmental Achievement



Inclusive Development and Intergenerational Mobility for Vision Viksit Bharat (February 11th, 2025)

The workshop was graced by three external experts, namely, **Prof. Rajesh Bhattacharya**, Professor (IIM Calcutta), **Prof. Sourabh B Paul**, Associate Professor (IIT Delhi), and **Prof. Mrinal Kanti Dutta**, Professor (IIT Guwahati). In addition, several faculty members and research scholars from the institute attended the seminar. About 42 participants and 14 presenters presented research papers, of which four presented in person at the seminar.

The study was a collaborative work of **Dr. Diti Goswami** (IIT-ISM Dhanbad, Host institute), **Dr. Rima Mondal** (IIM Calcutta), **Dr. Kuldeep Baishya** (IIT Guwahati), **Dr. Sandeep Kumar Kujur** (IIT Madras).



International Conference on Empowering Viksit Bharat@2047: Innovations in Finance, Inclusion & Economic Growth (February 13th & 14th, 2025)

The Department of Management Studies & Industrial Engineering, IIT (ISM) Dhanbad, successfully hosted the **International Conference on Empowering Viksit Bharat@2047: Innovations in Finance, Inclusion & Economic Growth**.

This landmark event brought together academicians, policymakers, and industry leaders to discuss the transformative impact of FinTech, financial inclusion, and economic growth in shaping India's vision for 2047.

Conference Convenor: **Prof. Preeti Roy** (IIT ISM, Dhanbad)

Conference Co-Convenor: **Prof. Taufeeque Ahmad Siddiqui** (Jamia Millia Islamia, New Delhi)

Prof. Muhammad Shafi K (NIT Calicut)

Prof. Seema (IIT Jodhpur)



Departmental Achievement



Doctoral Colloquium on Financial Markets and Corporate Finance (February 27th & 28th, 2025)

The Department of Management Studies & Industrial Engineering (DMS&IE) successfully organized a two-day **PAN IIT Doctoral Colloquium on Financial Markets and Corporate Finance (DCFMCf) 2025**.

We were honoured to have **Dr G. P. Samanta**, Advisor to the Reserve Bank of India and former Chief Statistician of India & Secretary (MoSPI), Government of India, as the **Chief Guest**. The colloquium also featured insightful keynote addresses by **Prof. Chandra Krishnamurthi**, Professor of Finance, University of South Australia and **Prof. Huu Duong**, Professor of Finance, Monash University, Australia. Over the two days, doctoral scholars from premier institutes, including IITs and IIMs, presented their research and received valuable feedback from expert discussants and an engaged audience. This constructive exchange of ideas will undoubtedly help enhance their work for publication in reputed journals.

Conference Convenor: Prof. Shashank Bansal (IIT ISM, Dhanbad)

Conference Co-Convenor: Prof. Himanshu Gupta (IIT ISM, Dhanbad)

Secretary: Prof. Preeti Roy (IIT ISM, Dhanbad)



One-Day National Seminar on Inclusive Energy Transition for Vision Viksit Bharat @2047

(February 10th, 2025)

The **One-Day National Seminar on Inclusive Energy Transition for Vision Viksit Bharat @2047**, sponsored by the **Indian Council of Social Science Research** as part of the Vision Viksit Bharat @2047 initiative, aimed to investigate strategies and prospects for expediting India's shift to sustainable energy. The focus of the Seminar was to address the energy challenges faced by the country and establishing pathways for a sustainable and low-carbon energy future.

Conference Convenor: Prof. Mohd. Irfan (IIT ISM, Dhanbad)

Conference Co-Convenor: Prof. Shikha Singh (IIT ISM, Dhanbad), **Prof. Esha Saha** (IIT ISM, Dhanbad), **Prof. Md. Tanweer Ahmad** (IIIT, New Delhi)

Achievements of the Faculty Members



EDP

*The Department of Management Studies and Industrial Engineering at IIT (ISM) Dhanbad, under the leadership of **Prof. Rashmi Singh** in collaboration with experts from **Birsa Agricultural University, Ranchi**, conducted a workshop on scientific farming techniques for farmers in the Narayanpur, Karmatand and Fatehpur Blocks of Jamtara on 23rd, 24th and 25th February, 2025. This initiative was part of the project titled “**Improving the Economic Well-Being of Scheduled Tribe Communities (ST) Using Game Theoretic and Operations Research Techniques in Jamtara District of Jharkhand State.**” The workshop aimed to equip farmers with scientific knowledge on soil health, plant diseases, and hybrid seeds, featuring expert insights from two distinguished scientists from Birsa Agricultural University, Ranchi—**Dr. M.K. Burnwal**, a Plant Pathology Expert, and **Dr. Arvind Kumar**, a Soil Expert. Dr. Burnwal elaborated on plant disease management and effective mitigation strategies, while Dr. Kumar provided valuable guidance on improving soil fertility. More than 300 farmers actively participated in the workshop and benefitted from the expert guidance provided by agricultural scientists and academicians. As part of the initiative, hybrid seeds were distributed to all farmers to encourage the adoption of improved crop varieties for better yield and resilience. At the conclusion of the workshop, **Prof. Niladri Das** delivered the vote of thanks, expressing his gratitude to all the participants for their enthusiastic involvement.*



आईआईटी आईएसएम ने कमाटीड में किसानों के लिए एक दिवसीय उपचार कार्यशाला आयोजित की

कमाटीड, 23 फरवरी: भारतीय प्रौद्योगिकी संस्थान (IIT) इस्मटान (ISM) डहानबाद, जहarkhand के प्रमुख प्रौद्योगिकी संस्थानों में से एक, ने कमाटीड जिले के किसानों के लिए एक दिवसीय कार्यशाला आयोजित की। इस कार्यशाला में, IIT इस्मटान के विशेषज्ञों ने किसानों को आधुनिक कृषि तकनीकों और उपकरणों के उपयोग के बारे में जानकारी दी।

कार्यशाला में, IIT इस्मटान के विशेषज्ञों ने किसानों को आधुनिक कृषि तकनीकों और उपकरणों के उपयोग के बारे में जानकारी दी।



Achievements of the Faculty Members



EDP

The DMS&IE hosted the **GIAN Program on Systems Engineering and Applications**, held from February 24, 2025, at IIT (ISM) Dhanbad. This marks the first-ever GIAN program in the department. With a 10-day intensive curriculum, the program covers essential topics like system optimization, decision-making models, and reliability engineering, led by **Prof. Vijitashwa Pandey (Oakland University, USA)** and **Prof. Shikha Singh (IIT ISM Dhanbad)**. Designed to bridge the gap between theory and practical applications, it aims to equip participants with the knowledge and skills to tackle real-world engineering challenges.

Prof. Shikha Singh along with **Prof. Preeti Roy** welcomed the next batch and completed their training program titled "**Refresher Training Program for CIL Executives**" from 14th to 28th February, 2025 at IIT(ISM) Dhanbad. It focuses on equipping executives with vital skills for navigating the rapidly evolving and complex coal mining industry. This initiative also aims to strengthen the collaboration between academia and industry.



R&D Projects

Prof. Niladri Das was awarded a project 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 through IIT-ISM under CSR** with Co-PI being **Prof. Rashmi Singh**. The project is funded by Coal India Limited with a total sanctioned amount of **Rs. 39,84,934**.

Achievements of the Research Scholars



Paper Publications

- **Nikita Singh** published a research paper titled **Profit Meets Purpose: A Meta-Analysis of Impact of Corporate Sustainability on Firm Performance** co-authored with Prof. Niladri Das and Marghoob Enam in the *Business Process Management Journal* (ABDC: B; Web of science: Q1).



Paper Presentations at the Conferences

- **Shreyan Saha** presented a research paper titled **Applications of AI in operations management activities at hospitals** in the conference: *Future-Ready Hospitals: Strategic Adoption of Industry 4.0 Technologies (ICFRH-2025)* held from 07th - 08th February, 2025 at Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand.
- **Romi** presented a research paper titled **Turning the Tide: Adoption of Green Energy Technologies in India's Path to Sustainability and Viksit Bharat 2047** in the conference: *One Day National Seminar on Inclusive Energy Transition for Vision Viksit Bharat@2047* held from 13th - 14th February, 2025 at Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand.
- **Romi** presented a research paper titled **Unveiling GenAI and Fintech Trends in Indian E-Commerce: Insights from Topic Modeling** in the conference: *International Conference on Empowering Viksit Bharat@2047: Innovations in Finance, Inclusion & Economic Growth (FINCON'2025)* held on 10th February, 2025 at Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand.



Achievements of the Research Scholars & MBA students



Workshops

A workshop was organized during the **International Conference on Empowering Viksit Bharat@2047: Innovations in Finance, Inclusion & Economic Growth**, held from Feb 13th - 14th, 2025, at IIT (ISM), Dhanbad, Jharkhand, on the following topics:

- **Introduction to Time-Series & Multivariate Time-Series.**
- **Panel Data Modelling.**
- **Text Mining & Sentiment Analysis.**
- **Introduction to Connectedness Analysis & Network Science.**
- **Fraud Detection & Analytics in Banking Industry.**

Following students from the department alongwith many other participants from universities and colleges Pan India attended the workshop in the hybrid mode:

1. Ankita Tilak
2. Nikita Singh
3. Puja
4. Rajat Rakshit
5. Rajesh Sahoo
6. Romi
7. Sandeep Kumar Singh
8. Shahnawaz Alam
9. Sudhir Kumar Biswal
10. Surbhi Pandey

Achievements

Romi received a *Certificate of Appreciation* from the **Academy of Management** for reviewing three symposium submissions for the Academy of Management Conference 2025.

Himali Losarwar, Skandh G, and Yadynesh Nikam, students of MBA program, secured a spot as *National Finalists* in the prestigious **CRISIL Capital Case Challenge 2025**, hosted by the **Finance & Investment Cell, Hindu College**.



Placements and Other Activities



Our placement saga continues adding to the previous month numbers...



HCLTech



IMC

Upcoming Events



Mark your Calendar for the upcoming events organized by the Department.

International Conference on Digital Technologies for Business Excellence and Sustainable Development and creating Vikshit Bharat@2047 (ICDTBESDVB 2025)

Date(s) of the Conference: 5th and 6th July, 2025
Pre-Conference Workshop: 4th July, 2025

Paper (s) to be submitted under the following areas of Digital Technologies for Business Excellence and Sustainable Development but not limited to:

- Marketing Management
- Financial Management
- HR Management
- Operations Management
- Business Analytics
- Information System and Information Technology
- Energy Management
- Industrial Engineering
- Artificial Intelligence and Machine Learning
- Internet of Things
- Blockchain Technology
- Strategic Management
- Entrepreneurship and Innovation
- Sustainability Management
- Circular Economy

A pre-conference workshop will be conducted by eminent expert(s) in the area for UG, PG and Ph.D. students and industry practitioners.

Location: IIT(ISM), Dhanbad

Mode of Conference: Hybrid (both Online and Offline)

Organizing Team

Prof Sandeep Mondal, HOD, MS&IE: Chairperson
 Prof Rashmi Singh: Convener
 Prof Niladri Das: Co-Convener
 Prof Esha Saha: Organizing Secretary
 Prof Aamna Khan: Treasurer

Organized by:
 Department of Management Studies and Industrial Engineering
 IIT(ISM), Dhanbad

Abstract Submission 22nd April, 2025	Communication of the acceptance of Abstract 6th May, 2025
Early Bird Registration 09 May, 2025	Full Paper Submission 30 May, 2025

The submission Web page for ICDTBESDVB 2025 is <https://easychair.org/conferences?conf=icdtbesdvb2025>

Registration Fee

UG students: Rs. 3,000
 PG and Ph.D. students: Rs. 5,000
 Faculty, Scientists and Academicians: Rs. 7,500
 Industry Practitioners: Rs. 10,000 + 18% GST
 International Participants: \$100 + Applicable GST

Sponsorship

Platinum: Rs 12 Lakhs + 18% GST (15 delegates free)
 Diamond: Rs. 10 Lakhs + 18% GST (10 delegates free)
 Gold: Rs. 6 Lakhs + 18% GST (6 delegates free)
 Silver: Rs. 4 Lakhs + 18% GST (4 delegates free)
 Bronze: Rs. 2 Lakhs + 18% GST (2 delegates free)

Payment Details

Payment to be made through below account:-
 Bank Name: Canara Bank
 Account Number: 0986101024892
 IFSC Code: CNRB0000986
 Note: Boarding and Lodging will be provided to all registered delegates on payment basis based on availability of rooms.

Conference Partner (Media Partner, Knowledge Partner, Hospitality Partner, etc.): Rs. 5 lakhs + 18% GST (5 delegates free)

Advertisement in Conference brochure ₹ 3.0 lakhs + 18% GST (Colour) ₹ 1.5 lakhs + 18% GST (B/W)

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International Conference on Digital Technologies for Business Excellence and Sustainable Development and creating Vikshit Bharat@2047 (ICDTBESDVB 2025)

Date: 05th to 06th July, 2025

Mode: Hybrid

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