

Legacy that Inspires the Future

भारतीय प्रौद्योगिकी संस्थान
भारतीय खनि विद्यापीठ
धनबाद



IIT INDIAN INSTITUTE
OF TECHNOLOGY
ISM INDIAN SCHOOL OF MINES
DHANBAD

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Newsletter



Department of
Management Studies &
Industrial Engineering





Department at a Glance

From the HOD's Desk



Prof. Sandeep Mondal
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DMS&IE

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It gives me immense pleasure to welcome you all to the first edition of our department's newsletter. With great joy, I introduce this platform to all the stakeholders of our department. I hope that it will inspire, inform, and connect all of you in meaningful ways.

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 (DMS&IE).

Key Statistics

01 Number of Faculty: 20

02 Number of Research Scholars: 75

03 Number of MBA students: 150

Labs

Psychology Lab: Enriched with many facilities like Ring Toss, Tower Building/Cube Construction, Ergograph, Tachistoscope, Card sorting etc.

Work Study and Ergonomics Lab: This lab encompasses facilities like Foot Pressure Measurement System, Time and Motion Study Software etc.

Eye Tracking Lab: Screen based eye tracker is utilized for conducting experiments in consumer and Ergonomics research.

Business Communication & Personality Development Lab



Databases and Softwares

- Bloomberg Terminal
- CMIE Prowess Corporate
- SMART-PLS
- ARENA simulation software



Welcoming the batch of 2024-26!



Achievements of the Faculty Members



Publications

Prof. Himanshu Gupta published a research paper titled “Barriers and enablers of Community Entrepreneurship Ventures: A mixed method approach.” in “IEEE Transactions on Engineering Management” journal, co-authored with Saurav Mondal and Dr. Saumya Singh in the month of September, 2024.

Prof. Himanshu Gupta published a research paper titled “Examining the impact of green entrepreneurship drivers on sustainable development in the context of emerging country” in “Benchmarking”: An International Journal, co-authored with Saurav Mondal and Dr. Saumya Singh in the month of August, 2024.

R&D Projects

Prof. Shashank Bansal was awarded a project titled **Technology Intervention in Lac Farming for Empowering the Marginal Women Farmers in the State of Jharkhand**, from **Department of Scientific and Industrial Research** with a budget of 40 Lakhs.

Prof. Shikha Singh was awarded a project on **Predictive Analytics: Potential use of Generative AI to optimize the Geothermal energy extraction process**, funded by **Capgemini Technology Services India Limited**. Project Outlay of this program is Rs. 8,67,300.

EDP / Consultancy

Prof. Shashank Bansal organized an Executive Development Program on **Circular Economy and Sustainable Green Finance**, for **MPL executives** on 26th September, 2024 with an outlay of Rs 3,54,000.

Prof. Rashmi Singh organized a Certificate Program on **Project and Financial Management with Project Management and Simulation Software** for Executives of **CCL** with an outlay of Rs. 10,62,000

Prof. Shikha Singh organized a **Project Management Certification Program (Affiliated to PMI, USA)**. Valuation of this program is Rs. 3.50 Lakhs.



Prof. Himanshu Gupta was selected by the **Damodar Valley Corporation (DVC)** to provide the consultancy service pertaining to the **Socio-Economic audit of the CSR activities of DVC**, for a duration of three months with an outlay of Rs 23,60,000.

Prof. Rashmi Singh organized an EDP on **Project & Financial Management with Project Management and Simulation Software** for Executives of **SECL** with an outlay of Rs. 14,16,000.

Prof. Rashmi Singh organized an **EDP on Working Capital Management in Power Projects** with an outlay of Rs. 9,44,000.



Sitting (L to R) : S/Shri: Ms. Snigdha Banerjee, Rupesh Srivastava, Prof. Shashank Bansal (Coordinator), Subhra Sundar Chatterjee, Prof. Sagar Pal (Dean R&D) Prof. Sandeep Mondal (HOD), Prof. Himanshu Gupta (Co-coordinator), Ms. Rashmi Lakra, Ms. Sunidhi Srivastava.
Standing (L to R) : S/Shri: Rabhankar Jetti, Rashmi Ranjan Behera, Anoop Singhal, Nikhil Agarwal, Sagar Singh, Kushal Prasad, Maruti Dutta, Niraj Kumar, Bibhukant Nayak, Mithun Majumdar, Ravi Prakash Sharma, Md. Sanaur Rahman, Sanjib Dey, Rajiv Ranjan, Joydeb Mallick, Rudradeb Mahato.



Sitting (L to R) : S/Shri: Smt. Nishi, Jay Prakash, Mandapati Chandra Sekhar, Prof. J. K. Pattnayak, Prof. Sandeep Mondal (HOD), Prof. Sakunni Mishra (Director), Prof. Rakesh Singh (Co-coordinator), Prof. Mihir Das (Coordinator), Jay Prakash, Shri Anil Kumar, Uma Kanti Rai.
Standing (L to R) : S/Shri: Krishna Kant, Anil Ranjan, Anil Kumar, Praveen Kr. Bhanjya, Chander Singh Rawat, Anil Singh Bhandari, Chandrakant Kumar, Hari Mohan, Suraj Narayan Patil, Rajesh Joshi, Debnath Roy, Babir Singh Dahi, Suman Kumar Jha, Rajesh Kumar.

Achievements of the Faculty Members



Capacity Building Program

Prof. Mrinalini Pandey organized **Nurturing Future Leadership Program (NFLP)** under the aegis of Malaviya Mission Teacher Training Programme (MMTTP), an initiative of the Ministry of Education, Department of Higher Education, New Delhi. Valuation of this program is Rs. 20 Lakhs.

Prof. Shikha Singh organized a **Capacity Building of Faculty and Institutions towards Design & Entrepreneurship Development**, funded by the Ministry of Education, Department of Higher Education, New Delhi. Project Outlay of this program is Rs. 2,44,50,000.

Prof. Rashmi Singh organized a workshop on **Introduction to STEM concepts**, a BCCL sponsored program on 26th September, 2024 at **K C Girls High School, Jharia**, & **Jharia Academy** and on 28th September, 2024 at **Upgraded High School, Barari**.



MoU Signed

Prof. Shikha Singh signed an MoU with **L&T Institute of Project Management, Vadodara** on 01st July, 2024 for a period of five years.

Prof. Mrinalini Pandey signed an MoU with **Shahid Nirmal Mahato Medical College, Dhanbad (SNMMC)** on 17th August, 2024 for a tenure of five years.

Conference Participation

Prof. Sabnam Basu presented a paper titled "**Can the dark side of high-performance work systems be moderated?**" at the 33rd **International Congress of Psychology (ICP)** held at **Prague, Czech Republic**, from July 21 2024 - July 26, 2024.

Prof. Esha Saha received the **Best Oral Presentation Award**, Scientifique, at the **Research and Industrial Conclave, IIT Guwahati**, August 09th to 11th, 2024.

Conference Organized

Prof. Shashank Bansal performed the role of convener for **PAN IIT 6th International Conference on Financial Markets & Corporate Finance**, organized from 6th -7th July 2024.



Special Talk

Prof. Sabnam Basu delivered a lecture on "**Analytical Ability**" as a part of training program on "**Behavioral Competency Development Program**" of HRD, BCCL, on 28th June, 2024.

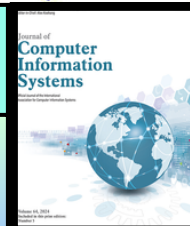
Prof. Preeti Roy delivered for a talk on "**Sustainable Finance in Power Projects**" for **NHPC Executives** 28th August, 2024 to 30th August, 2024.

Achievements of the Research Scholars

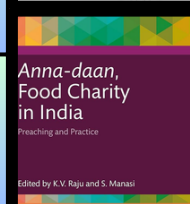


Publications

Aditi Sunar has published a research paper titled “**Multi-Dimensional Herding Behavior of Mobile Payment Users**”, co-authoring with **Aparna Krishna & Abhipsa Pal** in the “**Journal of Computer Information Systems**” dated 17th July, 2024. DOI: <https://doi.org/10.1080/08874417.2024.2375378>.



Jyothish Vijayan has published 4 Case Studies for the Book: **Anna-daan, Food Charity in India Preaching and Practice**. Publisher: Routledge India. DOI: <https://doi.org/10.4324/9781003363996>.



Paper Presentations at the Conferences

Ankita Tilak presented a research paper in **PAN IIT 06th International Conference on Financial Markets and Corporate Finance, 2024**, at IIT (ISM), Dhanbad from 06th July, 2024 to 07th July, 2024.

Presented a research paper in **Research Symposium on Finance and Economics - 2024** organized by Krea University from 12th June, 2024 to 14th June, 2024.

Rajat Rakshit presented a research paper in **PAN IIT 06th International Conference on Financial Markets and Corporate Finance, 2024**, at IIT (ISM), Dhanbad from 06th July, 2024 to 07th July, 2024.

Rajesh Sahoo presented a research paper in **PAN IIT 06th International Conference on Financial Markets and Corporate Finance, 2024**, at IIT (ISM), Dhanbad from 06th July, 2024 to 07th July, 2024.

Bagged the **2nd Best Research Paper Award in Finance Track of Research Symposium on Finance and Economics - 2024** organized by Krea University from 12th June, 2024 to 14th June, 2024.

Sandeep Singh presented a research paper in **PAN IIT 06th International Conference on Financial Markets and Corporate Finance, 2024**, at IIT (ISM), Dhanbad from 06th July, 2024 to 07th July, 2024.

Satya Prakash Mani bagged the **Best Research Paper Award in Finance Track of Research Symposium on Finance and Economics - 2024** organized by Krea University from 12th June, 2024 to 14th June, 2024.

Shreyan Saha presented a research paper in the **National Conference on Modeling, Analysis & Simulation** held from 28th June, 2024 to 30th June, 2024.

Workshops

Shreyan Saha has attended a workshop on “**NEP 2020 Orientation & Sensitization Programme**”, organized by IIT (ISM), Dhanbad, from 02nd September, 2024 to 14th September, 2024.

Sandeep Singh has attended a **Seven-Day of Summer School on Research Methodology in Social Sciences and Management**.

Monu Rajak has attended a workshop on “**Qualitative research methods in social sciences**” from 03rd June, 2024 to 11th June, 2024, organized by IIT Kharagpur.

Department of Management Studies & Industrial Engineering
Indian Institute of Technology (ISM), Dhanbad

Welcomes You to the



Department of Management Studies & Industrial Engineering
Indian Institute of Technology (ISM), Dhanbad

Welcomes You to the

6th INTERNATIONAL CONFERENCE ON FINANCIAL MARKETS & CORPORATE FINANCE 2024



Internship Opportunities



The current batch of MBA final-year students recently went for their summer internships. During their practical exposure in various industries and across various verticals, they gained many valuable in-hand experiences which not only helped them bridge the gap between theoretical knowledge and real-life scenarios but also helped them become more industry-ready, fulfilling the industrial demands of an efficient workforce in today's highly dynamic world.

Nitesh Kumar, Alok Singh, Deeptangshu Mishra, Jerosh Dannie J, Pratik Raj, Vrushal Kitke, and Satish Kumar Jakhar

share their experience working as interns in the finance discipline across different firms. They say that they have learned about the Issue Department of RBI, one of the core departments of the bank, and how it handles currency circulation, printing and scrapping of notes, learned to analyze the market trends and develop financial models to deal with real-life financial problems in companies and many more.



भारतीय रिज़र्व बैंक
Reserve Bank of India
India's Central Bank



ANNA PURNA
FINANCE
GROWING TOGETHER



Devlin Saikia, Kavin Chithick, Suvrath Hegde, Abhishek Srivastava, and Rahul Pandey

share their experience working as interns in the marketing discipline across different firms. Their role included both office-based desk jobs as well as field survey across different Indian states. They were also included in live projects and were given an opportunity to work with an international fintech company. They also measured the impact that a small finance company was able to bring in the lives of small-scale entrepreneurs.



David Brainard S and Riya Kumari

share their experience working as interns in the Human Resources (HR) discipline across different firms. Some of the main task performed during their internship included an emotional intelligence survey among 50 ONGC employees in Chennai, Enhancing communication abilities, expressing thoughts and feelings, thereby contributing to better professional relationships, Promoting a supportive work environment in fostering emotional intelligence development.



Subhajit Chatterjee, Dharmesh Rathod, Ayush Singh, Shuvendu Pritam Das, Preksha Prakash, Himanshu Saini, and Utkarsh Singh

share their experience working as interns in the Operations, Data Science, and Business Risk assessment domains across different firms. Some of the main tasks performed during their internship included Working on cutting-edge projects in large language Models (LLM Ops), which included building RAG-based chatbots encompassing text and multimodal aspects, analyzing data, optimizing processes, and delivering actionable insights through reports and dashboards.

Editorial Board

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Student Co-ordinators

Rajat Rakshit

Surabhi Pandey