DEPARTMENT OF MANAGEMENT SCIENCES

(FORMERLY KNOWN AS INDUSTRIAL & MANAGEMENT ENGINEERING)

IIT KANPUR

M.TECH. 2023 - 25

PLACEMENT REPORT & BROCHURE

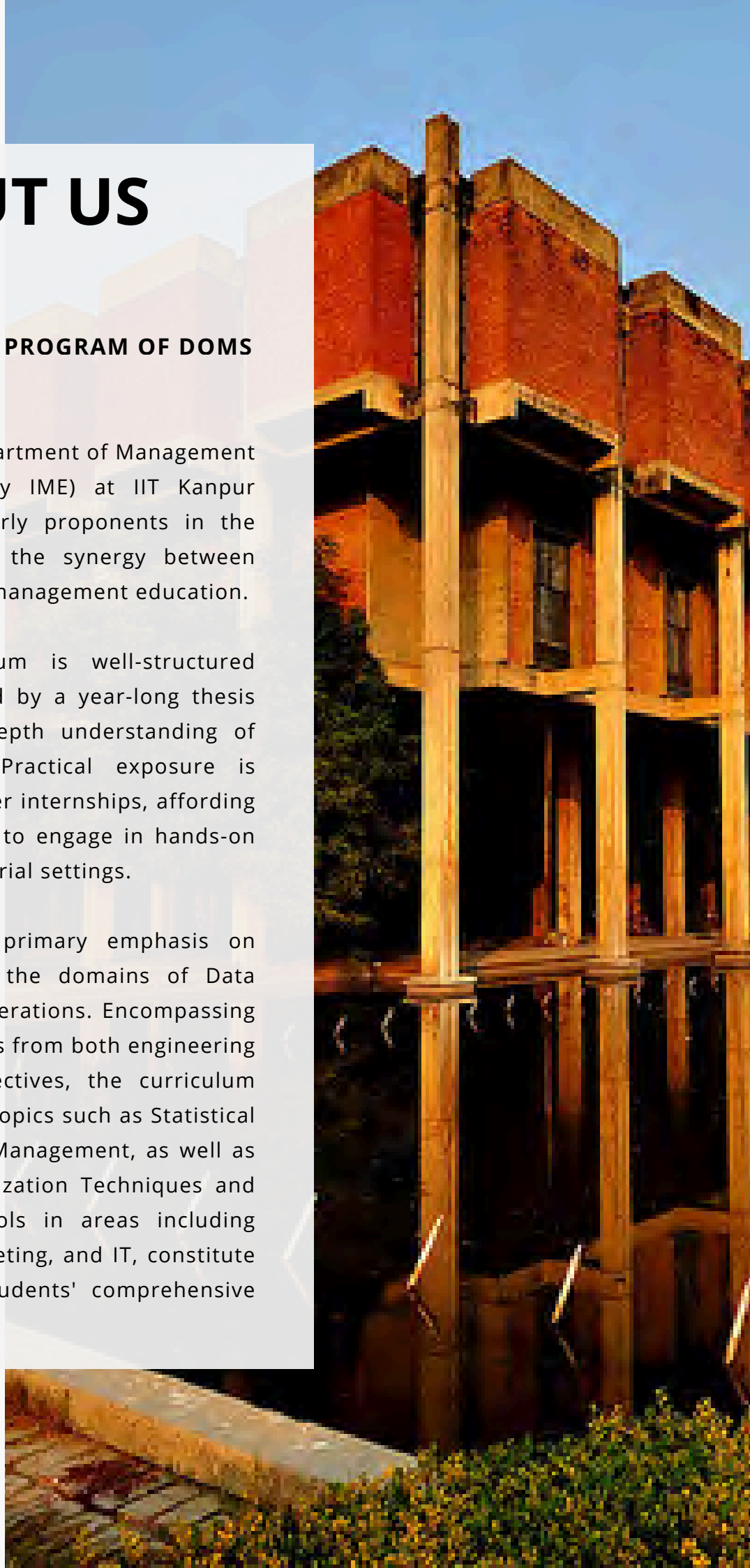
ABOUT US

WE ARE THE FLAGSHIP PROGRAM OF DOMS

Founded in 1974, the Department of Management Sciences (DoMS, formerly IME) at IIT Kanpur stood as one of the early proponents in the country to acknowledge the synergy between engineering training and management education.

At DoMS, the curriculum is well-structured framework, supplemented by a year-long thesis project, imparts an in-depth understanding of fundamental concepts. Practical exposure is facilitated through summer internships, affording students the opportunity to engage in hands-on project work within industrial settings.

The program places a primary emphasis on nurturing proficiency in the domains of Data Science, Analytics and Operations. Encompassing a diverse range of subjects from both engineering and management perspectives, the curriculum covers a wide spectrum. Topics such as Statistical Modelling, Supply Chain Management, as well as the Application of Optimization Techniques and Business Intelligence Tools in areas including economics, finance, marketing, and IT, constitute integral facets of the students' comprehensive learning journey.



INFRASTRUCTURE

IIT Kanpur boasts world-class infrastructure facilities. The department has been endowed with enviable computational facilities. In addition, the department is equipped with the latest tools and systems used in the industries for the students to obtain hands-on experience. Having some of the most complicated software, like product life cycle management, simulation, statistical analysis, financial modeling, process design, and control, etc., in the well-equipped laboratories allow the students to learn the vital skills enabling them to succeed in the future; both in industry and academia.

Department of Management Sciences has the following labs:

- Energy Analytics Lab
- Smart Systems and Operations Lab
- Product Lifecycle Management Lab
- Management Computing Lab
- Virtual Lab– Production Shop Simulation
- Lab of MHRD
- Management Simulation Lab

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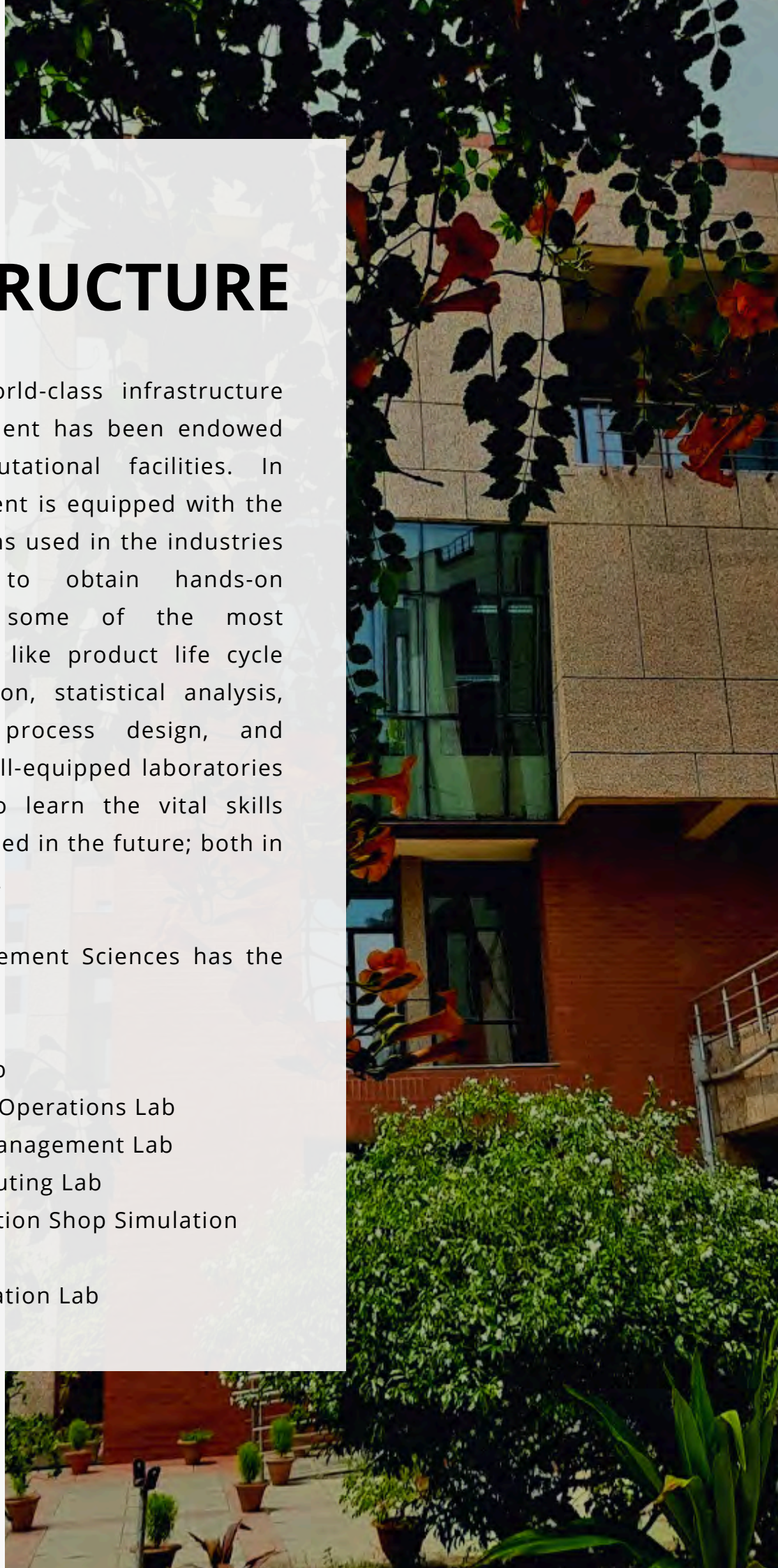


Half a Century of Academic Brilliance

1974

Introduction of IME Programme
Establishes an interdisciplinary program MEM to integrate engineering methodologies with management principles.

1975

Introduction of PhD Program
The department officially launches its Ph.D. programme in Industrial & Management Engineering,

1988

IME as a Department
Establishes IME as a full-fledged department.

2001

Introduction of MBA Programme
The department expands its academic offerings with the launch of the MBA programme, strengthening its management education portfolio.

2023

Rebranding to DoMS
The IME department is renamed to the Department of Management Sciences (DoMS), reflecting its broader academic vision and interdisciplinary approach.

2024

Celebrating 50 Years of Excellence
The department proudly completes 50 years of academic excellence, innovation, and leadership in engineering and management education.

MESSAGE FROM HEAD OF DEPARTMENT

Dr. B. V. Phani

Head

Greetings from the Department of Management Sciences, IIT Kanpur!

Since its inception in **1974, DoMS** has been a pioneer in integrating engineering, analytics, and management sciences in India. Our flagship M.Tech program exemplifies this vision by combining the rigor of **Industrial Engineering with contemporary management practices**.

As one of the earliest programs in the country to blend technical depth with managerial insight, it has consistently prepared professionals who can navigate the complexity of today's dynamic business and operational landscapes.

The **interdisciplinary** design of the program equips our students with advanced analytical skills, quantitative modeling expertise, and sound decision-making abilities. The year-long thesis component further strengthens this foundation by encouraging students to work on real-world challenges, often in close collaboration with industry partners, thereby creating solutions that deliver tangible impact.

Our graduates have continually demonstrated their versatility by excelling in leading consulting firms, analytics-driven organizations, research institutions, policy makers in government, public and private sector. Their accomplishments — with alumni such as **Shri. Ashwini Vaishnaw – Honourable Minister of Railways, Minister of Information and Broadcasting and Minister of Electronics and Information Technology**, **Shri. K. Krithivasan – CEO & MD TCS**, and **Dr. Sharat Sinha – CEO Airtel**, along with several others distinguished across academia and global firms like **Barclays, Morgan Stanley**, and **Accenture** — are a testament to the program's enduring legacy.

Guided by world-class faculty who bring together academic rigor and practical insights, coupled with a culture of research, innovation, and problem-solving, the **M.Tech** program continues to nurture techno-managers who are capable, agile, and future-ready.

As we celebrate the **Department's Golden Jubilee**, we look forward to strengthening our engagement with industry, expanding the horizons of experiential learning, and continuing our journey of excellence in management sciences.

MESSAGE FROM FACULTY COORDINATOR

Dr. Suvendu Naskar

Assistant Professor

I am pleased to share highlights of the placement season for the M.Tech batch of 2023–2025 at the **Department of Management Sciences (erstwhile Industrial & Management Engineering) , IIT Kanpur** an institute consistently ranked **4th** in Engineering in the **NIRF 2024** rankings in India.

Rooted in a unique blend of Industrial Engineering and Management, our M.Tech program attracts top talent and nurtures them into well-rounded professionals capable of solving complex business and operational challenges. With strong analytical capabilities, a research-oriented mindset, and domain-specific knowledge, our students bring exceptional value to the organizations.

We are proud to share that the M.Tech batch achieved **100% placements**, with students securing impactful roles such as **AI Engineer, Data Scientist, Machine Learning Engineer, Supply Chain Manager, and Operations Analyst.** These opportunities were offered by leading recruiters including reputed brands across sectors such as **Accenture, Mondelez, Ford, Barclays, ExxonMobil, Delhivery, Morgan Stanley.**

This continued success reflects our department's unwavering commitment to academic rigor, industry relevance, and holistic development. As we celebrate the Golden Jubilee of DoMS, we extend our heartfelt gratitude to our recruiters, alumni, faculty, and student placement team for their invaluable contribution to this achievement.

We invite you to explore this brochure about our M.Tech placement journey last year and discover the talent and potential of the M.Tech batch of 2024–2026.

CURRICULUM

ACADEMIC COURSES

Analytics

- Probability And Statistics
- Applied Machine Learning
- Statistical Modeling for Business Analytics
- Time Series Modelling for Business Analytics
- Causal Inference for Business Analytics
- Advanced Statistical Methods for Business Analytics
- Data Mining and Knowledge Discovery
- Big Data for Management
- Marketing Research
- Introduction to Stochastic Processes
- Economic Analysis for Management
- Introduction to Game Theory Computing
- Introduction to Computing
- Computer-Aided Decision Support Systems

Operations

- Operations Research
- Operations Management
- Advanced Decision Models
- Supply Chain Management
- Design Of Production Systems
- Total Quality Management
- Project Management
- Management Decision Analysis
- Analytics in Transport and Telecom

Finance & management

- Financial Engineering
- Financial Modelling
- Simulation and Optimization
- Human Resources Management
- Business Process Management
- Business Management using Cloud
- Software Project Management

SUMMER INTERNSHIPS

The two-year MTech program requires students to do a summer internship at the end of the first year between May and July for two to three months. To cater to the growing industry demand, most students undergo internships in the fields of Data Science, Business Analytics, Marketing, Supply Chain, Finance, and Operations.

THESIS

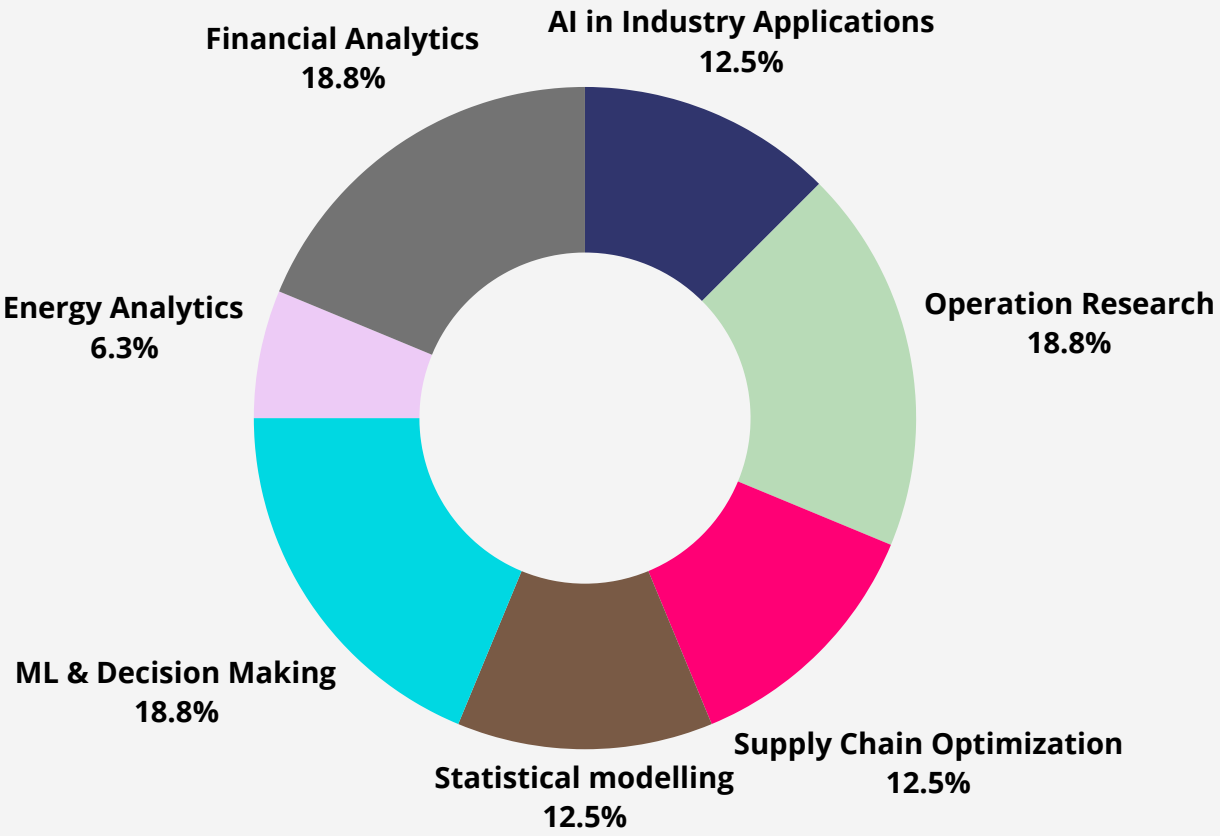
One year-long thesis work aims to provide more profound knowledge in the field of interest. covering areas such as Market Basket Analysis, NLP, Big Data Analytics, Financial Analytics, Optimization, ERP, Heuristic Development, Business Systems Simulation, and Supply Chain Management (SCM).

RESEARCH AREAS & THESIS

Our one-year-long thesis program is designed to offer students an in-depth exploration of their field of interest, culminating in a comprehensive and rigorous research project. The thesis encompasses a wide range of topics within Management Science, including:

- Market Basket Analysis
- Natural Language Processing (NLP)
- Financial Analytics
- Optimization
- Enterprise Resource Planning (ERP)
- Simulation of Business Systems
- Supply Chain Management (SCM)

RESEARCH AREA



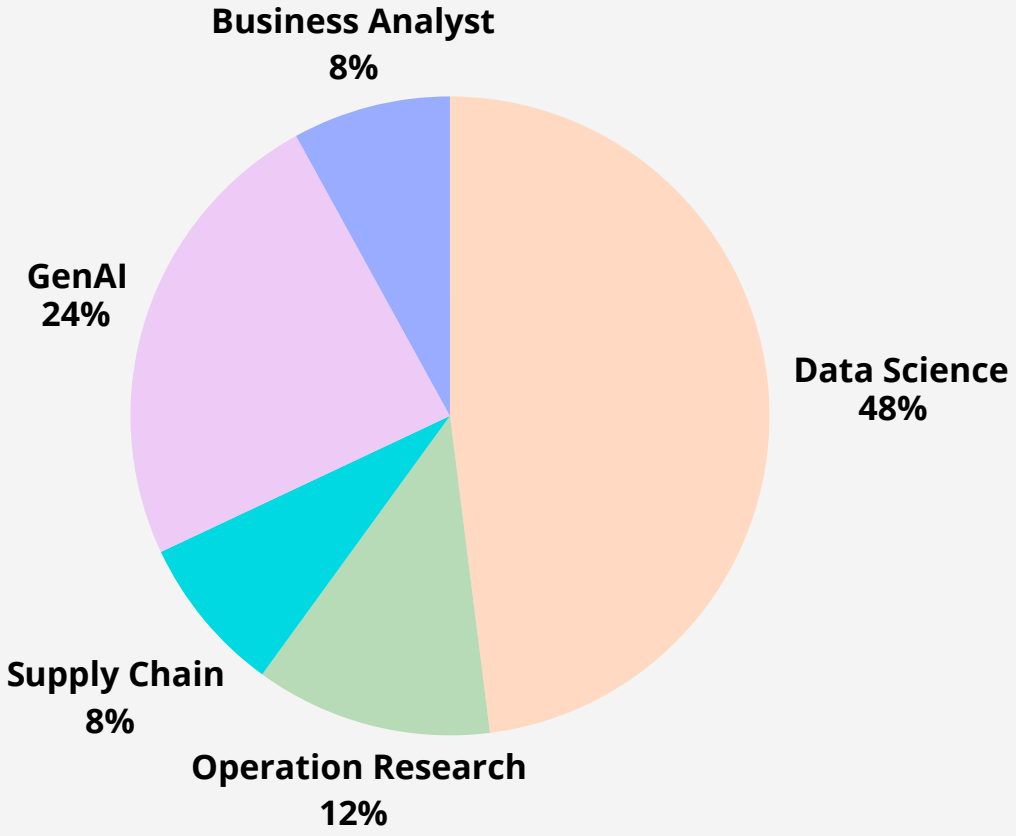
INTERNSHIP STATISTICS 2024-26

Welcome to the Vibrant Class of 2024-26: Our batch brings together a vibrant mix of talented individuals from diverse engineering disciplines, each equipped with strong technical acumen, problem-solving abilities, and a drive to excel.

A Touch of Professionalism: Notably, several students in this batch bring valuable prior work experience from diverse industries, enriching the learning environment with their unique insights.

MTech Excellence: The students of the DoMS MTech program were presented with exciting internship opportunities across a spectrum of domains, enhancing their practical exposure and knowledge.

PROFILES OFFERED

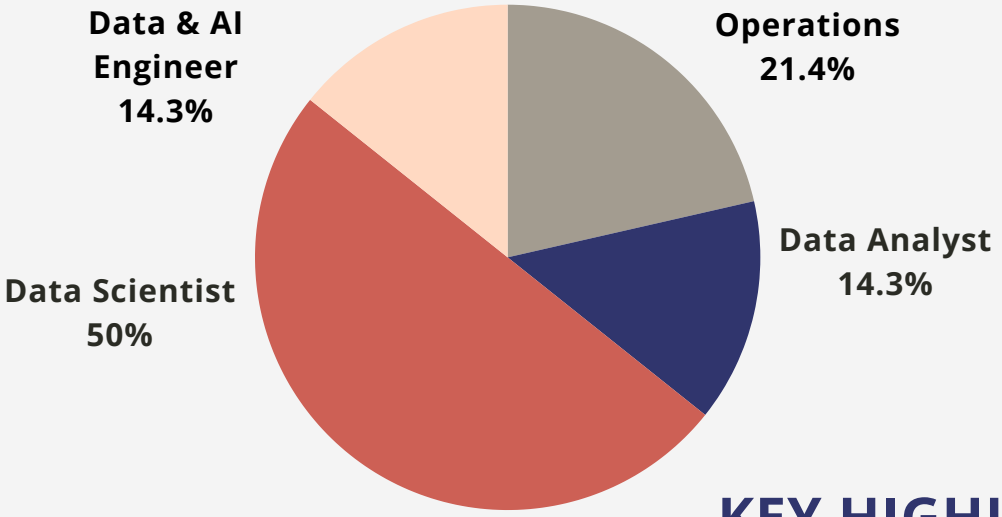


PLACEMENT STATISTICS 2023-25

Experience Excellence in Placements! Our dynamic 2023–2025 batch comprises a vibrant cohort of energetic and diverse individuals from a wide range of engineering backgrounds, setting a remarkable benchmark in academic and professional excellence.

Our graduates have embarked on diverse and impactful career paths, securing roles that perfectly align with their aspirations. Their remarkable achievements continue to inspire and make us proud.

PROFILES OFFERED



KEY HIGHLIGHTS

Placement Record **100%**

17.2 Average CTC (LPA)

Median CTC (LPA) **19.5**

CLASS OF 2024

Students registered	16
Highest CTC	23.5 LPA
Top 30% CTC	20.42 LPA

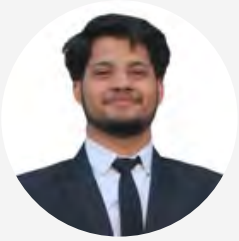
CANDIDATE PROFILE

BATCH 2024-26

BATCH 2024-2026

ABHEET SONKER
Data Science Intern
Energy Analytics lab
IIT Kanpur

ABHISHEK TIWARI
Data Science & AI Intern
Kusumgar Corporates Pvt Ltd



ANKUR VERMA
Data Science & Operations
Research Intern
Mphasis

ANAND SHINDE
ML Intern
Promorph Capital

AMIT SONI
Operations Research
IIT Kanpur

ANSHUMAN PRAKASH JHA
Business analyst
Tripple one solutions

ASHWINI KUMAR
AI & ML Intern
One Oath Education
(Assessli)

ADITYA PRIYE
Data Science Intern
Energy Analytics lab
IIT Kanpur

BHOOPENDRA SINGH
GenAI Intern
CER IIT Kanpur

DHRUV KUMAR SAHU
Data Science Intern
Energy Analytics lab
IIT Kanpur

Format
FULL NAME, Intern-Profile ,Internship Company

BATCH 2024-2026

DIVYANSHU GONEKAR
Research Intern
IIT Kanpur

DEEPTI VERMA
Data Science Intern
Energy Analytics Lab
IIT Kanpur

KRISHAN BANSAL
AI & ML Intern
L&T Finance

KANDARP DAVE
Data Science & AI Intern
Fidelity investments

NIKESH NIRALA
Data Science Intern
Energy Analytics Lab, IIT Kanpur

PRIYANSH DIXIT
Data Science Intern
EXXON MOBIL

POOJA PATEL
Data Science & AI Intern
Fidelity investments

PRIYA PANDIT
Graduate Intern (logistics)
Dell Technologies

RISHABH PANDEY
Data Science & AI Intern
Kusumgar Corporates Pvt Ltd

RISHU RANJAN RAJ
Data Science Intern
Energy Analytics Lab
IIT Kanpur

Format
FULL NAME, Intern-Profile ,Internship Company

BATCH 2024-2026

RITIK SINGH
Data Science & AI Intern
Promorph Capital

ROHIT KHANNA
Financial Markets Research Scholar
IIT Kanpur

SHIVANK CHAUBEY
Decision Science Analyst
Accenture Solutions Pvt. Ltd.

SHUBHAM RAM
Data Science & Operations
Research Intern
Mphasis - NextLabs

TARUN SINGLA
SC-Operations Technical Intern
Mondelez International

UTKARSH MISHRA
Data Science Intern
Fidelity investments

VENKATA MADHU SAI D
Research intern
IIT Kanpur

Jadhav Sangam Anant Asmita
Data Science Intern
Energy Analytics lab
IIT Kanpur

Format
FULL NAME, Intern-Profile ,Internship Company

OUR PROMINENT ALUMNI

ASHWINI VAISHNAW
Minister of Railways,
Communications and
Electronics &
Information GOI

K. KRITHIVASAN
Chief Executive Officer
TATA CONSULTANCY
SERVICES

SHARAT SINHA
President,
Asia-Pacific & Japan
CHECK POINT SOFTWARES

RUPALI JOSHI
Senior Vice President
Model Risk
Management
CITI Bank

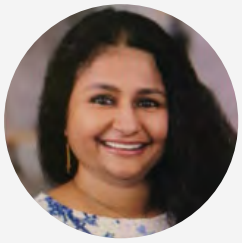
SHOBHIT SHROTIYA
Managing Director - Life
Sciences R&D Operations
ACCENTURE

ANJALI AWASTHI
Professor and
Concordia University
Research Chair

SHYAM BHASKAR
Supply Chain Consulting
Practice Leader
TATA CONSULTANCY
SERVICES

MUKUL SRIVASTAVA
President
CG POWER & INDUSTRIAL

MANISH GUPTA
Director – Consumption
Excellence
MICROSOFT



POOJA JOSHI
Staff Vice President - Data
Analytics & Reporting
Elevance Health

Format
FULL NAME, Designation, Organization

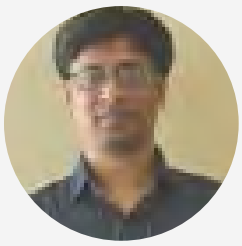
OUR PASSIONATE FACULTY

DR. B.V. PHANI
Fellow in Management (IIM C)
Financial Management Valuation & Real options

DR. DEEPU PHILIP
PhD (MSU Bozeman)
Decision Support Systems, AI based searches

DR. ABHINAVA TRIPATHI
PhD (IIM Lucknow)
Finance Market efficiency, Corporate Banking, Portfolio Management,Financial Accounting

DR. SUVENDU NASKAR
PhD (IIM Calcutta)
Information Technology, Emerging Technologies, Supply Chain Management, SC Finance



DR. AMIT SHUKLA
Fellow in Management (IIM Lucknow)
Emerging Employment Relationship, Citizenship Behaviour

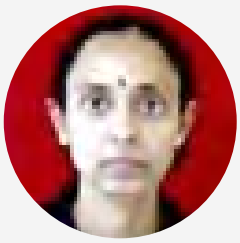
DR. RAHUL VARMAN
Fellow in Management (IIM Ahmedabad)
Personnel Management & Industrial Relations, Organizational Behaviour

DR. ANOOP SINGH
Fellow in Management (IGIDR Mumbai)
Energy and Regulatory Governance,
Energy Analytics

DR. RAGHU NANDAN SENGUPTA
Fellow in Management (IIM Calcutta) Data Envelopment Analysis (DEA), Statistical Inference Problems

DR. AVIJIT KHANRA
Fellow in Management (IIM Ahmedabad)
Operations Management, Operations Research

DR. SRI VANAMALLA V
PhD (IISc. Bangalore)
Optimization and Game Theory, Applied Operations Research



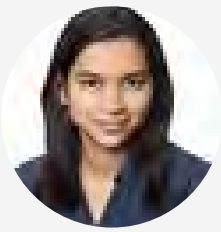
OUR PASSIONATE FACULTY

DR. JITENDER KUMAR
PhD (IIT Roorkee)
Consumer Psychology,
Brand Management

DR. SHANKAR PRAWESH
PhD (University of South Florida)
Big Data, Recommender Systems
Social Media Analytics

DR. JOTHSNA RAJAN
PhD (IIM Bangalore)
Public Administration,
Policy Evaluation

DR. SOURAV MAJUMDAR
PhD (IIM Ahmedabad)
Circular Statistics, Quantitative
Finance, Topological Data
Analysis



DR. NIVEDITA BHAKTHA
PhD (The Ohio State University)
Psychometrics, Data Quality
Assessment, Multivariate
Analysis.

DR. SOURYA JAYEE DE
PhD (IIM Calcutta)
Privacy, Data Protection,
Cyber-security

DR. MOUSAMI PRASAD
PhD (IIT Bombay)
Energy and Climate Change
Economics, Energy Transition,
Energy Policy, Industrial
Decarbonisation

DR. SUBHANKAR MUKHERJEE
PhD (IIM Calcutta)
Development Economics,
Applied Microeconomics

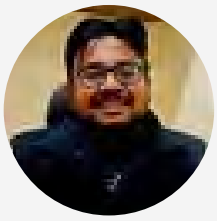
DR. PRERNA GAUTAM
PhD (University of Delhi)
Operational Research,
Optimization, Sustainability,
Waste Management, Service
Operations Management

DR. SUMAN SAURABH
PhD (IIM Ahmedabad)
Corporate Finance, Payout
Policy, Investments,
Derivative Pricing

OUR PASSIONATE FACULTY

DR. FAIZ HAMID
Fellow in Management (IIM L)
Combinatorial Optimization, Network Optimization

DR. HARSHAL MULAY
PhD (IIM Calcutta)
Law and Finance, Culture and Finance, Creditor Rights, Banking, Corporate Finance



DR. VEENA BANSAL
PhD (IIT Kanpur)
Software Project Management, Data Science, ERP

DR. VINAY RAMANI
PhD (University at Buffalo)
Industrial Organization, Pricing Strategy

DR. VIPIN B
PhD (IIT Madras)
Decision Theory, Inventory Theory and Supply Chain Management

DR. V. GIRIDHAR
PhD (IIM Shillong)
Subaltern Consumer Culture, Consumer Behaviour, Retail Management

DR. DEVLINA CHATTERJEE
PhD (IISc. Bangalore)
Managerial Economics, Applied Econometrics, Rural Economics, Empirical Finance

DR. SUBHAS CHANDRA MISRA
PhD (Carleton University)
Enterprise Resource Planning (ERP), Business Process Management

OUR PAST RECRUITERS

McKinsey & Company
AXTRIA
Goldman Sachs
citi
Deloitte.
fractal
AMERICAN EXPRESS
genpact
IBM
BRIDGEi2i
APL Logistics
EXL
Flipkart
mastercard
ICICI Lombard Nibhaye Vaade
Cognizant
Mphasis The Next Applied
TRIDENTGROUP
KPMG
pwc
BARCLAYS
GE Capital
hp
NORTHERN TRUST
HSBC
Walmart
OPTYM
HDFC Life Sar utha ke jiyo!
CapitalOne
accenture
CORECOMPETE
ORACLE
JPMORGAN CHASE & CO.
wipro
tcs TATA CONSULTANCY SERVICES
HCL
HOUSING FINANCE
LUPIN
apporchid
TIGER ANALYTICS
SIGMOID
Fidelity INVESTMENTS
ExxonMobil
DELHIVERY
Mondelēz International
DELL
Morgan Stanley
BharatPe MONEY
Ford
TREDENCE Beyond Possible

OUR TEAM

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