DEPARTMENT OF INDUSTRIAL AND MANAGEMENT ENGINEERING

MBA
IIT KANPUR

BROCHURE
2020-21
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>1988</td>
<td>Establishment of the “Department of Industrial and Management Engineering”</td>
<td>after an elaborate need-demand analysis for the requirement of the industry</td>
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<tr>
<td>2001</td>
<td>Establishment of the MBA Program</td>
<td>focused on the unique brand of techno-management</td>
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<td>16</td>
<td>MBA Program ranked 16th by MHRD, India’s NIRF Management Institute Rankings</td>
<td>The Department of IME was established with the aim to combine the strength of technology and management. This synergy is the bedrock of all IME Programs – MBA, M. Tech and PhD. Keeping up with this tradition of innovation, the 2-year MBA Program aims at creating business leaders and entrepreneurs by leveraging its strengths on technology, computing and social sciences</td>
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<td>19+</td>
<td>Years of the program mentoring individuals in the areas of Finance, Marketing, Consulting, Analytics, Operations and Human Resources</td>
<td>450+ MBA Program Alumni in respectable positions across various industries</td>
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PK Kelkar Library, rated among some of the best university libraries of the world has about 4.5 lakh books in addition to about 1500 periodicals and journals. Every year on an average 4500 books and journal volumes are added to its collection. The department also has a library to cater to the literary needs of the students. Subscription is made available to databases like Prowess, Alpha, EBSCO, EMERALD, Indiastat, Proquest, JSTOR, Capitaline, INDEST.

The IME Department has the following labs:
• Smart Systems and Operations Lab
• Product Lifecycle Management Lab
• Management Computing Lab
• Virtual Lab – Production Shop Simulation Lab of MHRD
• Management Simulation Lab

Tools Available:
Finance Software:
• Primavera • Project Finance International
• Risk Simulator

Operations Software:
• DEA Solver Pro 8.0 • PLM Software • NX Unigraphics

Automation and Strategy:
• Arena 13 • Stella 9.1 • Data Transformation Service

Business Statistics Software:
• SPSS • SAS • MATLAB • MINITAB • R • ArgoUM
CURRICULUM

CORE COURSES
- Marketing Management
- Accounting and Finance
- Organization Structure and Design
- Economic Analysis for Management
- Quantitative Methods for Decision Making
- Production and Operations Management System
- Socio-Political and Ethical Aspects of Business

FINANCE
- Security Analysis and Portfolio Management
- Advanced Corporate Finance
- Advanced Financial Modeling
- Derivative Contracts
- Mergers and Acquisitions
- Financial Intermediation and Commercial Banking
- Project Financing and Management
- Credit Risk Management and Modeling
- Renewable Energy – Economics, Policy and Regulation
- PPP in Infrastructure

MARKETING
- Marketing Research
- Business to Business Marketing
- Consumer Behavior
- Product Strategy and Management
- Brand Management

OPERATIONS
- Manufacturing planning and Control
- Total Quality Management (TQM)
- Manufacturing Strategy
- Supply Chain Management
- Business Process Management
- Managing Service Operations
- Project Management

HUMAN RESOURCES
- Human Resource Management (HRM)
- Organizational Staffing
- Performance Management
- Employee Relations Management
- Introduction to Corporations
- Governance of Global Value Chains

IT | ANALYTICS | STRATEGY
- Macro-Economic Analysis for Management
- Statistical Modeling for Business Analytics
- Simulation of Business Systems
- Enterprise Integration with IT
- Business Management using Cloud
- E-supply Chain Management
- Strategic Management
- Social Media Analytics
- Management of Technology
- E-commerce and Big Data for Management
- Strategic Management
**Live Projects**

Candidates Pursuing CFA, FLIP Certified, Multiple Relevant Courses, Projects, Winter Internships, Competition Spoils!

**Internship s**

Multiple Relevant Courses, Live Projects, Winter Internships, Competition Spoils!

**MBA, IIT KANPUR**

Students interested in QIPs and Theory of Constraints, Multiple Relevant Courses, Projects, Winter Internships, Competition Spoils!

**Extra Curriculars**

Most of batch Certified in R, Excel, Python, Multiple Relevant Statistical and Modelling Courses

**Finance**

Candidates Pursuing CFA, FLIP Certified, Multiple Relevant Courses, Projects, Winter Internships, Competition Spoils!

**Marketing**

Multiple Relevant Courses, Live Projects, Winter Internships, Competition Spoils!

**HR**

People Analytics, Multiple Relevant Courses, Intensive Academic Projects, Competition Spoils

**Operations**

Students interested in QIPs and Theory of Constraints, Multiple Relevant Courses, Projects, Winter Internships, Competition Spoils!

**General Management**

Multiple Relevant Courses, Competition Spoils, Live Projects

**IT & Analytics**

Most of batch Certified in R, Excel, Python, Multiple Relevant Statistical and Modelling Courses

**Mini Projects**

Live Projects

**Capstone Project**

Internships

**Summer**

**Winter**

**FINANCE**

**MARKETING**

**GENERAL MANAGEMENT**

**IT & ANALYTICS**

**OPERATIONS**

**HR**

**Extra Curriculars**
Dr. Amit Shukla
FPM, IIM Lucknow

Dr. Anoop Singh
Ph.D., IGIDR Mumbai

Dr. Avijit Khanra
FPM, IIM Ahmedabad
Inventory Control and Supply Chain Management | Analysis of Queues | Modelling and Optimization | Scheduling

Dr. B V Phani
Ph.D., IIM Calcutta
Financial Intermediation | Market Valuation and Microstructure | Entrepreneurial Finance | Credit Risk Modeling | Securitization

Dr. Deepu Philip
Ph.D., MSU Bozeman
Production and operations management | Systems Engineering and Simulation | Local Search and Optimization

Dr. Devlina Chatterjee
Ph.D., IISc Bangalore
Managerial Economics | Applied Econometrics | Data Analytics | Empirical Finance

Dr. Faiz Hamid
FPM, IIM Lucknow
Decision Sciences | Information Technology & Systems

Dr. Subhankar Mukherjee
Ph.D, IIM Calcutta
Development Economics, | Applied Microeconomics

Dr. Jitender Kumar
Ph.D, IIT Roorkee
Brand Management | Consumer Psychology | Brand Communities

Dr. Raghu Nandan Sengupta
FPM, IIM Calcutta
Operations Management (Major) | Finance (Minor)

Dr. Rahul Varman
FPM, IIM Ahmedabad
Organization Theory

Dr. R R K Sharma
FPM, IIM Ahmedabad
Operations Research | Operations Management | Strategy

Dr. Shankar Prawesh
Ph.D., University of South Florida
Social media | Agent-Based Simulation | Data-driven Decision Making

Dr. Suman Saurabh
Ph.D., IIM Ahmedabad
Payout Policy and Investments | Corporate Finance

Dr. Sri Vanamalla V
Ph.D., IISc Bangalore
Applied Operations Research | Optimization | Game Theory

Dr. Subhas Chandra Misra
Ph.D., Carleton University

Dr. Veena Bansal
Ph.D., IIT Kanpur
Information Technology | Image Processing

Dr. Vipin B
Ph.D., IIT Madras
Decision Theory | Inventory Theory | Supply Chain
SUMMER PLACEMENT STATISTICS

2019-21 BATCH

- No. of Companies visited: 32
- No. of Offers: 48
- YOY increase in avg. Stipend: 17.7%

Stipend Summary (in INR)

- Highest CTC: 125000
- Median CTC: 72500
- Average CTC: 60700

Domain wise profile offered

- Analytics: 40%
- IT/Consulting: 28%
- Marketing: 6%
- Finance: 6%
- Operations: 20%
**FINAL PLACEMENT STATISTICS**

**2018-20 BATCH**

- **No. of Companies visited**: 31
- **No. of Offers**: 50
- **No. of PPOs/PPIs**: 06
- **YOY increase in avg. CTC**: 15.8%

**Final CTC offered (in Lacs)**

- **Highest CTC**: 20
- **Average CTC (Top 25%)**: 16.5
- **Average CTC (Top 50%)**: 15.11
- **Average CTC**: 12.77
- **Median CTC**: 12

**Domain wise profile offered**

- Analytics: 40%
- IT/Consulting: 28%
- Marketing: 20%
- Finance: 6%
- Operations: 6%
Batch Highlights 2019-2021

Students have education backgrounds from prestigious colleges like IITs, NITs, BITs etc., and international institutes like TU Delft (Netherlands) etc.,

Average work-experience of the batch is 21 months with experience in reputed companies like EY, Godrej, Avtec Ltd, ZS etc.,

More than 50% of the batch is certified in analytical tools like R, Excel, Python etc. and also have various certifications including Google Analytics, Data Science, Blockchain etc.,

Many students of the batch are pursuing FLIP and CFA certifications and others have acquired DataCamp and Coursera certifications in different domains like Digital Marketing, Data Science, Google Analytics etc.,

Students have received outstanding performance awards while working with their respective organizations.
Abishek Kabra  
MS | Mechanical  
**Interests:** Analytics | Marketing | Finance  
**Experience:** 12 months  
**E-Mail:** abkabra@iitk.ac.in  
**LinkedIn:** linkedin.com/in/abhkabra9

Achal Raj Goyal  
BE | Mechanical  
**Interests:** Marketing | Operations | IT/Consulting  
**Experience:** 12 months  
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**LinkedIn:** linkedin.com/in/achalraj

Akash Deep  
B.Tech. | IT  
**Interests:** Marketing | Analytics | Operations  
**Experience:** 45 months  
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Amol Gupta  
B.Tech. | Civil  
**Interests:** Finance | Operations | Analytics  
**Experience:** 26 months  
**E-Mail:** amolg@iitk.ac.in  
**LinkedIn:** linkedin.com/in/gupta-amol

Amrit Raj  
B.E. | Mechanical  
**Interests:** Analytics | Finance | Marketing  
**Experience:** 33 months  
**E-Mail:** amritp@iitk.ac.in  
**LinkedIn:** linkedin.com/in/amritrajsaxena

Amrit Raj Pathak  
B.S. | Chemistry  
**Interests:** Marketing | Finance | Analytics  
**Experience:** 6 months  
**E-Mail:** amritp@iitk.ac.in  
**LinkedIn:** linkedin.com/in/amritpathak94

Anshul Shah  
B.E. | IT  
**Interests:** Analytics | IT/Consulting | Finance  
**Experience:** 24 months  
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**LinkedIn:** linkedin.com/in/anshulshah19

Anupam Chatterjee  
B.Tech | CSE  
**Interests:** Analytics | IT/Consulting | Finance  
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**LinkedIn:** linkedin.com/in/anupamchatterjee11

Anurag Mamgain  
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**LinkedIn:** linkedin.com/in/anurag-07

Apoorv Agarwal  
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**LinkedIn:** linkedin.com/in/apoorv-agarwal7
Arghyadeep Ray  
B.Tech | ECE
- Interests: Analytics | Finance | Marketing
- Experience: 19 months
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Arun Goyal  
B.Tech | CSE
- Interests: Analytics | IT/Consulting | Finance
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Arun Gupta  
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- Interests: Analytics | Marketing | IT/Consulting
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Ashwin Arvind Bhide  
B.E. | Mechanical Sandwich
- Interests: IT/Consulting | Analytics | Marketing
- Experience: 32 months
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Avinash Korupolu  
B.Tech | ECE
- Interests: Analytics | Finance | IT/Consulting
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Chitranshu Sharma  
B.Tech | ECE
- Interests: Analytics | Finance | Operations
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Faizan Anwar  
B.Tech | Mechanical
- Interests: Marketing | Analytics | IT/Consulting
- Experience: 10 months
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Harshit Agrawal  
B.Tech | ECE
- Interests: Marketing | IT/Consulting | Analytics
- Experience: 22 months
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Himanshu Jain  
B.Tech | CSE
- Interests: Marketing | Operations | IT/Consulting
- Experience: 24 months
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Himanshu Shekhar  
B.Tech | ECE
- Interests: Analytics | IT/Consulting | Finance
- Experience: 28 months
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Kriti Singhal  
B.Tech | CSE

- Interests: Analytics | IT/Consulting | Operations
- Experience: 30 months
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Naveen Bagga  
B.Tech | CSE

- Interests: Analytics | IT/Consulting | Marketing
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Prakhar Dikshit  
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- Experience: 11 months
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- Interests: IT/Consulting | Analytics | Operations
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Sistla Sesha Sai Srinivas  
B.Tech | EEE  
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Vaibhav Mittal  
B.Tech+M.Tech | Mechanical  
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:Experience: 21 months  
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