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IIM MUMBAI
भारतीय प्रबंध संस्थान मुंबई
Indian Institute of Management Mumbai

AI, ANALYTICS, AND DISRUPTIVE TECHNOLOGIES FOR BUSINESS INTELLIGENCE

FROM IIM MUMBAI

About IIM Mumbai

IIM Mumbai formerly known as NITIE was established in 1963, stands as one of India's most prestigious institutions, consistently recognized for its academic excellence and industry relevance. Located in the heart of India's financial capital, the institute offers an immersive learning environment, combining world-class education with deep industry ties. IIM Mumbai's curriculum is designed to foster leadership, innovation, and problem-solving skills, with a strong focus on emerging areas like Logistics, Supply Chain, and Sustainability.

Key Highlights:

- Ranked 6th in NIRF 2025 among management institutes
- Recipient of multiple prestigious awards for excellence in management education
- Strong emphasis on Logistics, Supply Chain, and Sustainability

Why Choose This Course?

A rigorously designed programme that equips learners to manage uncertainty and disruption using AI, analytics, and emerging technologies.

- Earn an IIM Mumbai certification, reinforcing academic credibility and professional recognition.
- Learn from globally respected faculty with deep expertise in operations, supply chain management, and AI-driven decision-making.
- Apply concepts through real-world cases and simulations, bridging theory with practical business challenges.
- Develop a structured understanding of AI and analytics for improving resilience and decision quality across organizations.

What Will You Learn?

The curriculum is designed to help participants understand and apply AI, analytics, and emerging technologies to manage uncertainty and disruption. Through a mix of concepts, cases, simulations, and industry examples, the programme builds a practical perspective on resilient operations and data-driven managerial decision-making.

Simulation & Decision-Making Tools

Covered through sessions and pedagogy:

- Electronic Beer Game (Supply Chain Simulation)
- Global Supply Chain Management Simulation (HBS 8623)
- Crossing the Chasm Innovation Simulation (HBS 8695)

Course Details

Course Duration
6 Weeks

Live Classes
5 hours per week

Certification
From IIM Mumbai

Course Curriculum

Phase 1: The Strategic Leadership Foundation (Weeks 1-4)

Focus: Mastering the pillars of disruption and decision frameworks.

Week 1: Mastering the Pulse of Modern Business

- Business Analytics strategies for managing volatility in global networks
- Hands-on simulation (Electronic Beer Game) to understand information lags and the Bullwhip Effect
- Introduction to Blockchain, IoT, and Web 3.0 ecosystems for trusted data

Week 2: The New Era of Intelligence and Trusted Systems

- Distributed Ledger Lab: Building a functional blockchain to understand data security
- Strategic ROI analysis of Generative AI, Agentic AI, and Machine Learning
- Navigating global regulations and compliance challenges in AI adoption

Week 3: Designing Resilient Strategies for a Digital Age

- Simulation: Forecasting Global Operations using the Newsvendor Model
- Strategic Sourcing and architectural design of end-to-end value networks
- Case Study: Digital Transformation and "The Digital Pivot" (e.g., Tata Steel)

Week 4: Navigating Growth and the Future of Industry

- Simulation: "Crossing the Chasm" - scaling disruptive technologies in skeptical markets
- Strategies for Industry 5.0, Mass Customization, and 3-D Printing
- Future-proofing manufacturing and services against rapid technological shifts

Phase 2: Advanced Implementation Mastery (Weeks 5-6)

Focus: Translating strategic vision into operational excellence.

Week 5: Harnessing Digital Clarity for Smarter Decisions

- Building digital "Control Towers" to move from chaos to real-time clarity
- Digital Twins: Creating virtual copies of business operations to model high-impact disruptions
- Transitioning from spreadsheet management to predictive "Nerve Centers

Week 6: Leading the Pivot: From Strategy to Global Impact

- AI-Driven Omnichannel Commerce and optimizing customer journeys
- Synthesizing Generative AI for high-level managerial decision-making
- Developing a personal "Lifetime Learning" roadmap for future executive roles

Instructors

Prof. Manoj K. Tiwari
Director, IIM Mumbai

Director of IIM Mumbai and on-line from IIT Kharagpur, Prof. Manoj is a globally recognized expert in Supply Chain and Operations Management. Ranked amongst the top researchers worldwide, he has received accolades like the 'Most Influential Researcher Award' and IISE's David F. Baker Distinguished Research Award in the domain of Operations and Supply Chain Management. He is a top author in Supply Chain Analytical Techniques, ranked among the Top 20 most productive authors in Production and Operations Management over the past 50 years. His work focuses on optimization, simulation, and computational intelligence for automating decision support in manufacturing and logistics systems.

Prof. Subodha Kumar
Professor, Fox School of Business

Prof. Subodha Kumar is the Paul R. Anderson Distinguished Chair Professor at the Fox School of Business, Temple University, and Founding Director of the Center for Business Analytics and Disruptive Technologies. A globally recognized expert in operations, analytics, and AI, he is a POMS Fellow, INFORMS Distinguished Fellow, and serves as President of the Production and Operations Management Society (POMS), with extensive academic, editorial, and industry impact.

Admission Process

Clear Qualifier Test
You must pass the exam to confirm your seat for the Programme

Complete Counselling
Only shortlisted candidates go through the counselling process

Start Learning
Learn from India's top educators and stand out from the crowd

Fees Structure

Qualifier Test Fee (Non-Refundable)	**₹99**	**$10**

	Indian	International
Secure Seat Fee (Non-Refundable)	₹4,000	$99
Programme Fee (Non-Refundable)	~~36,000~~ ₹16,000 (Early Bird Offer)	$400
Total Programme Fee	~~40,000~~ ₹20,000 (Early Bird Offer)	$499

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