



**Institute of
Management Technology**
Ghaziabad, Delhi NCR



DIGITAL SUPPLY CHAIN

About Us

Established in 1980, IMT Ghaziabad is a premier AACSB-accredited management institute in India, known for its strong emphasis on Innovation, Execution, and Social Responsibility in leadership development. Consistently ranked among the top business schools in the country, IMT boasts of a robust alumni network with over 1,000 C-suite leaders across global organizations. The Executive Education (ExEd) arm actively collaborates with industry, government, and the social sector to design and deliver customized programs rooted in sector-specific research and future-ready learning, ensuring maximum relevance and impact.

Program Context

“The development towards digital supply chains is an evolution rather than a revolution. Many ideas and concepts have existed for many years. However, it’s only today that technology is evolving in a direction that makes digital solutions feasible and realizable. This is the case because of increasing processing memory, Artificial Intelligence approaches, and upcoming technologies like 5G.”

Today, supply chain digitalization is ushering in a whole new business model, one where real-time connectivity, greater visibility, real-time responsiveness, and anticipation will become the underlying characteristics of our businesses. But it won’t happen overnight. It’s up to businesses to build upon the incremental advancements offered by past solutions while working towards a networked, digitally connected future.

Digital supply chain is more than a digital twin.

Program Objectives



This program is intended to broaden the participant’s exposure towards digital transformation in a supply chain whether its manufacturing or service sector. The participants will be able to understand how to transform the business model so as to generate more revenue while minimizing the cost. This is a unique opportunity for the professionals to reinvent their supply chain from procurement till final distribution.

- Understanding the importance of the digital supply chain
- Understanding the pillars of digital supply chain
- Understanding the required framework and processes for digital supply chain
- Developing capabilities for analytical evaluation of the digital supply chain transformation

Target Audience



The course will be conducted off-line. For theory sessions PPTs, videos, case studies will be used. For toolkit sessions, practical sessions will be held to demonstrate the running of algorithms using Jupyter notebooks.

Topics Covered



- Digital Supply Chain Management
- Digitization, Digitalization and Digital Transformation
- Supply Chain Twin
- The Digital Supply Chain Pillars
- Analytics & AI in logistics
- Machine Learning Applications
- Prescriptive Analytics
- Checklist for Practitioners for Digital Supply Chain Readiness

Pedagogy



Inputs sessions by industry experts and experienced faculty designed to encourage active participation, case based discussion, Group Work and use of excel and R for data analysis.

Deliverables



- Understanding the role and impact of digital supply chain in organizations
- Identification of opportunities for transforming supply chains through digitization
- Using business analytics to better enhance digital supply chains
- Designing the checklist for practitioners in Indian context for digital readiness

Program Directors



Dr. Mrinalini Shah
Professor
Area: Operations
Management

Dr. Mrinalini Shah is a seasoned professor in the field of Supply Chain & Decision Sciences. Dr. Shah's educational background is truly interdisciplinary which gives her a vast canvas for teaching, training & research in the field of Decision Sciences, Operations Strategy and Digital supply chain and analytics. Dr. Shah has won state, national &

international scholarship for merit throughout her study. She is trained from Harvard Business School in education Management. She is trained and certified as Entrepreneurship Educator by NEN, IIMB & Stanford joint program of two-year duration.

Dr. Shah is founder chairperson of Entrepreneurship cell & incubation centre at IMT Ghaziabad. Dr. Shah was nominated as coveted ICCR Chair professor by republic of India to Republic of Greece and served at Athens university of Economics & Business. Dr. Shah has served as mentors and advisors of many start-ups. She has vast research publications in refereed international journals, presented papers and chaired the sessions nationally and internationally.

Her hobby includes trekking, cooking and reading (literature, spiritual, stories anything). She is presently learning photography as an amateur and believes life is all about upskilling.



Dr. Ratri Parida
Associate Professor
Area: Operations
Management

Dr. Ratri Parida is working as Associate Professor at IMT Ghaziabad and is also a Visiting Research Fellow at Guildhall School of Business and Law, London Metropolitan University, UK. She was one of the founding faculties at Indian Institute of Management (IIM) Sambalpur and associated with premier institutes like National Institute of

Construction Management and Research (NICMAR), Pune and VIT Vellore. She is a recipient of MHRD fellowship and completed her Ph.D. from the Department of Industrial and Systems Engineering, IIT Kharagpur.

In addition to her publications in many peer-reviewed national & international journals, she also acts as ad-hoc reviewer in many international journals and conferences. Her research interest focuses specically on Industry 4.0, Sustainability, Lean Six Sigma, Healthcare supply chain, and Ergonomics/HFE. She has more than 10 years of experience in research and teaching. Apart from teaching and research, she has handled many administrative positions in premier institutes. She has received WeAreTheCity India's Top 50 Rising Star Awards in 2017 and her biography has been included in Marquis Who's Who in World, 2016-2017.

Administrative Details

Mode: Offline

Venue: IMT Ghaziabad (Institute of Management Technology, Raj Nagar, Ghaziabad-201001)

Note: On successful completion of the program, the participants will be awarded a Certificate of Participation from the Institute.

Management Development Program Office

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