

PROGRAM INFORMATION FORMAT

Course Name	Strategic Digital Transformation in Business Process for Managers
Course Mode	Online
Tentative Duration	July 5 to Sep 6, 2025
Course Name as on Certificate	An online Certificate program on Strategic Digital Transformation in Business Process for Managers
Certificate Issued by	Indian Institute of Management Jammu
Institute	Indian Institute of Management Jammu
Introduction	The 30 Hrs., Online certificate programme on Strategic Digital Transformation in Business Process for Managers is designed to equip managers with the strategic vision and practical skills needed to lead digital change in today's dynamic business environment. This program stands out by integrating hands-on training with leading open-source software to implement cost-effective, customizable solutions that drive operational excellence. Throughout the course, participants will engage in live, interactive sessions led by seasoned academic and industry experts who bring real-world insights and case studies from the forefront of digital transformation. The experts guide managers through practical exercises and simulations, ensuring learning is directly applicable to their organizational challenges. By leveraging open-source platforms, participants gain hands-on experience in deploying scalable, innovative solutions while benefiting from the collaborative support and flexibility that open-source communities offer. This unique blend of expert-led training and open-source technology prepares managers to confidently lead digital transformation initiatives and deliver measurable impact.
Course Objectives	• Understand the strategic value and core technologies of digital transformation in operations and supply chains • Develop a digital transformation roadmap tailored to organizational needs • Apply analytics and automation to improve efficiency, visibility, and resilience • Lead and manage change for successful digital adoption • Build hands-on skills with real-world tools and scenarios
Eligibility	Undergraduate/Post-graduate/Doctorate with industrial experience.
Program Prerequisites	Minimum 2 years of experience for basic understanding of business processes.
Target Segment/ Who Should Attend	1. Experienced and Emerging Leaders 2. Consultants and Freelancers 3. Entrepreneurs and Business Owners
Type of Certificate	Merit
Total No. of Hours	30 Hrs.
Recommended Fee	Rs. 45000 + 18% GST
Pedagogy	The teaching pedagogy combines interactive lectures, hands-on workshops using open-source software, real-world case studies, and live sessions with industry experts. Participants engage in

	group projects, simulations, and practical exercises, ensuring experiential learning and immediate applicability of digital transformation concepts to operations and supply chain management.
Course Content	Module 1: Foundations & Strategy for Digital Transformation • What is digital transformation? • Key trends in operations and supply chain • Assessing digital maturity and readiness • Building a transformation roadmap • Aligning digital initiatives with business goals • Change management and talent reskilling Module 2: Core Technologies & Data Analytics • IoT, AI/ML, robotics, cloud, and blockchain in operations and supply chain • Digital twins and simulation • Advanced analytics for forecasting, inventory, and risk • Hands-on: Building dashboards with open-source tools Module 3: Process Automation & Operational Excellence • Automating manual processes: RPA, workflow management • Lean, Six Sigma, and continuous improvement in digital operations • Process mapping and digitization • Hands-on: Mapping and digitizing a real-world process Module 4: Visibility, Collaboration, & Resilience • Real-time supply chain visibility and collaboration platforms • Digital tools for building resilient and agile supply chains • Hands-on: Simulating a supply chain disruption and digital response Module 5: Implementation, Best Practices & Capstone Project • Overcoming implementation challenges: technology, culture, cybersecurity • Measuring ROI and scaling digital initiatives • Talent development and change leadership • Capstone project: Design and present a digital transformation solution for a real or simulated scenario
Key Programme Highlights/USP	• Industry expert collaborative lectures • Hands-on through Open-Source Software
Program Faculty	Dr. Sakthi Nagaraj T, Dr. Sundar & Dr Atanu.