DIGITAL TRANSFORMATION PROGRAMME

Sponsored by: Ministry of Personnel, Public Grievances & Pensions, DOPT, Govt. of India

JULY 28, 2025 – JULY 10, 2026

Programme Overview

The Management Development Programme (MDP) on Digital Transformation for Senior Officers is a year-long, high-impact executive education initiative designed to equip senior professionals with the strategic insight, digital capabilities, and leadership acumen needed to drive transformative change within their organizations. Delivered by the Indian Institute of Management Kozhikode (IIMK), this comprehensive 200-hour programme combines academic rigor with practical relevance across 11 cutting-edge modules.

Structured across three academic terms and two immersive in-campus modules, the programme provides a deep dive into the strategic, technological, analytical, and organizational dimensions of digital transformation. Participants will explore emerging technologies, data-driven decision-making, agile leadership, platform ecosystems, legal considerations, and risk governance—culminating in a Capstone Project where they develop a tailored digital transformation roadmap for their organization.

Blending in-campus residencies, live online classes, industry interactions, and hands-on project work, the programme fosters a peer learning environment that enables participants to reflect, collaborate, and lead digital initiatives with clarity and confidence. Whether in the public sector, traditional industries, or tech-forward enterprises, this programme empowers senior officers to become architects of sustainable digital change.

IMPORTANT
In collaboration with the Ministry of Personnel, Public Grievances & Pensions (DOPT), Government of India, IIM Kozhikode is pleased to announce the launch of our new programme titled "Digital Transformation Programme", designed for the Senior Officers so as to enhance their skills and build technical knowledge.
We invite applications from the Senior Officials from various government departments for this prestigious one-year programme.
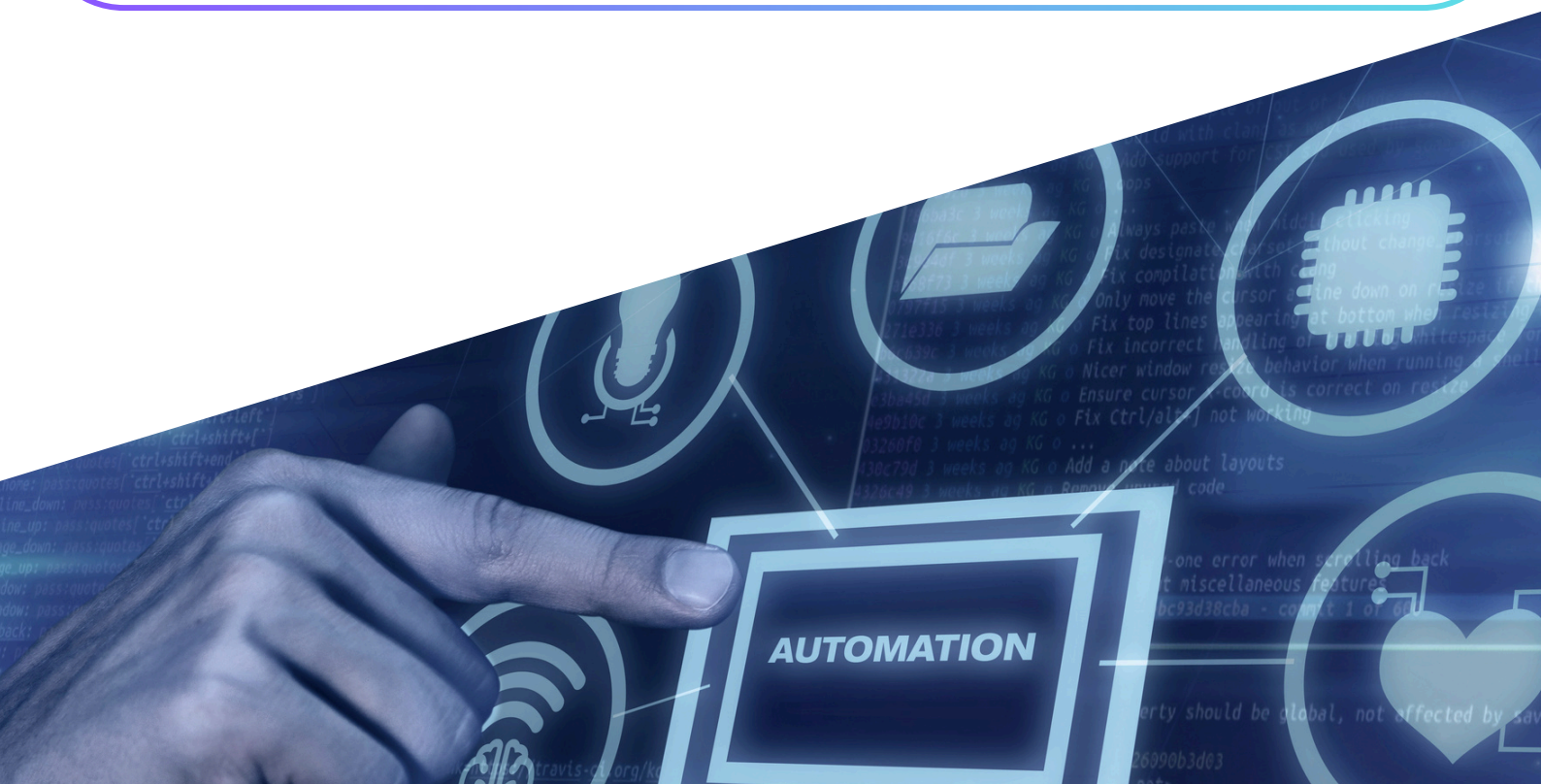
Programme Objectives

The programme aims to:

- Develop a strategic understanding of digital transformation, distinguishing it from digitalization and digitization, and recognizing its impact on customer value, operations, and business models.
- Equip participants with frameworks and tools to reimagine and redesign legacy business models in response to digital disruption.
- Build fluency in data-driven decision-making, including descriptive, diagnostic, predictive, and prescriptive analytics, to enable evidence-based strategic choices.
- Enhance awareness of emerging digital technologies—such as AI, Blockchain, IoT, Cloud, and Big Data—and their commercial implications, maturity, and implementation readiness.
- Strengthen capabilities in managing digital transformation initiatives, including project governance, stakeholder alignment, and risk mitigation.
- Foster a systems-thinking mindset to align people, processes, and technology in pursuit of organizational agility and innovation.
- Provide exposure to functional applications of digital transformation in operations, supply chains, and other key business domains.
- Prepare participants for legal and ethical challenges in digital initiatives, including data privacy, compliance, IP rights, and AI governance.
- Cultivate leadership for digital change, emphasizing readiness, change management, and sustainability planning.
- Enable participants to conceptualize and present a digital transformation roadmap through a capstone project, translating theoretical knowledge into actionable strategies.

➔ Module 1: Foundations of Digital Transformation (20 Hours)

This module presents strategic relevance in contemporary companies and fundamental ideas behind digital transformation. It investigates how digital innovation changes customer value propositions, operational processes, and business models. Participants will grasp the difference between digital transformation, digitalization, and digitization.

➔ Module 2: Navigating the Digital Ecosystem (20 Hours)

Ecosystems drive digital transformation. This module emphasizes grasping digital ecosystems whose learning and ecosystem benefit support strong digital transformation path. Participants will investigate ecosystem orchestration techniques, data intermediaries, and platform-based business models.

➔ Module 3: Business Model Innovation in the Digital Era (20 Hours)

This module provides participants with tools to reconsider and redesign business models in the face of digital disruption. Using the Business Model Canvas and Value Proposition Design frameworks, participants will examine legacy business models and investigate possibilities to develop digital-first products.

➔ Module 4: Data-Based Decision Making (15 Hours)

This module emphasizes how strategic decision-making is primarily driven by data. Participants will investigate the whole range of analytics: descriptive (what happened), diagnostic (why it happened), predictive (what will happen), and prescriptive (what to do). Dashboards, visualization tools, and data storytelling are used to emphasize turning raw data into actionable insights.

➔ Module 5: Artificial Intelligence and Advanced Analytics (15 Hours)

Participants explore cutting-edge AI techniques (ML, NLP, CV) and advanced analytics (deep learning, real-time analytics, automated insights). Emphasis on designing AI-powered solutions, ethical AI deployment, and identifying scalable use cases aligned with strategic priorities.

➔ Module 6: Managing Digital Transformation (30 Hours)

This module emphasizes the strategic and operational aspects of running digital transformation projects. Participants will investigate methods to specify digital vision, obtain leadership alignment, and create transformation roadmaps fit for organizational settings.

➔ Module 7: People, Process, and Technology Alignment (10 Hours)

Digital transformation deals with coordinating individuals, processes, and technologies to fulfill strategic objectives. This module uses a systems thinking perspective to grasp how these three components interact. Participants will investigate IT enablement strategies, agile frameworks, and business process reengineering (BPR).

➔ Module 8: Functional Digital Transformations (20 Hours)

This module explores how digital transformation manifests in specific business functions: operations, manufacturing, and supply chains.

➔ Module 9: Digital Capabilities and Emerging Technologies (20 Hours)

Digital transformation is driven by emerging technologies. Key technologies—AI, Big Data, Blockchain, IoT, Cloud Computing, and others—are investigated in this module. Every technology is shown with its underlying logic, commercial uses, maturity curve, and implementation issues. Emphasis is on change readiness, vendor evaluation, and capability evaluation.

➔ Module 10: Managing Digital Projects and Risks (20 Hours)

Digital projects are quite complicated and risky. Project governance, agile execution, and enterprise risk management in digital projects are the main topics of this module. In depth are explored risk themes including data privacy, cybersecurity, third-party dependencies, and regulatory compliance. Frameworks like NIST and COBIT help to examine real-world instances of digital project failures and recoveries. Participants will create early-warning systems for digital risk and mitigation strategies.

→ Module 11: Legal and Regulatory Aspects of Digital Transformation (10 Hours)

This module explores the evolving legal landscape affecting digital initiatives. Topics include data privacy (e.g., GDPR, PDP Bill), intellectual property in digital, digital contracts, AI and algorithmic liability, and regulatory frameworks for fintech, health tech, and edtech. Emphasis on compliance and risk mitigation in digital business models.

Capstone Project: Driving Real-World Digital Transformation

The Capstone Project marks the culmination of the MDP on Digital Transformation for Senior Officers, providing participants with an opportunity to apply their learning to a real-world digital transformation challenge. Drawing upon insights from strategy, data analytics, emerging technologies, and change management, participants will design a comprehensive transformation roadmap tailored to an organization of their choice. Projects may be pursued individually or in teams and will be presented during the final in-campus immersion. Guided by faculty mentors, participants will develop strategic recommendations, execution plans, and risk mitigation frameworks that reflect practical feasibility and innovation. The capstone ensures a meaningful bridge between theory and application, reinforcing the programme's commitment to actionable learning and strategic impact.

Programme Coordinators

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Programme Structure

→ **3 Academic Terms + 2 In-Campus Modules**

→ **Total Hours: 200 Hours | 11 Modules**

→ In-Campus Module 1: Programme Launch

- Dates: **July 28 – August 1, 2025** (5 days)
- Mode: On-Campus at IIM Kozhikode
- Activities: Registration, Introduction to modules, Guest talks, Industry Visits

→ In-Campus Module 2: Capstone & Closing

- Dates: **July 6 – July 10, 2026** (5 days)
- Mode: On-Campus at IIM Kozhikode
- Activities: Capstone Projects, Simulations, Presentations, Graduation

Term-wise Details

Term 1:
August 4 – November 14, 2025 (15 Weeks)

Mode: Live Online

Modules Covered:
- Module 1: Foundations of Digital Transformation
- Module 2: Navigating the Digital Ecosystem
- Module 3: Business Model Innovation in the Digital Era
- Module 4: Data-Based Decision Making

Term 2:
November 17, 2025 – February 27, 2026 (15 Weeks)

Mode: Live Online

Modules Covered:
- Module 5: Managing Digital Transformation
- Module 6: Artificial Intelligence and Advanced Analytics
- Module 7: People, Process, and Technology Alignment
- Module 8: Functional Digital Transformations

Term 3:
March 2 – June 12, 2026 (15 Weeks)

Mode: Live Online

Modules Covered:
- Module 9: Digital Capabilities and Emerging Technologies
- Module 10: Managing Digital Projects and Risks
- Module 11: Legal and Regulatory Aspects of Digital Transformation

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