



# Artificial Intelligence for Decision Makers



## Introduction (Programme)

Artificial Intelligence (AI) stands as the linchpin of modern organizational growth, empowering companies to drive innovation, enhance productivity, and revolutionize customer experiences. As AI continues to evolve, its sophistication emerges as a defining factor separating high-performing organizations from their counterparts. Within this program, participants will embark on a transformative journey through the realms of AI-driven process and product innovation, ethical considerations, and governance.

Our program begins by unraveling the core components of AI, delving into statistical, machine, and deep learning techniques. Participants will explore the strategic imperatives of building AI initiatives within organizations, addressing key questions such as defining an AI company, formulating AI strategies, and building proficient AI teams. Through practical case studies and real-world examples, participants will gain insights into the diverse problems that AI can solve across industries.

Moving forward, the program delves into the economics of AI, shedding light on its impact on stakeholder value, industry competition, and data-driven decision-making. Participants will grasp the intricate relationship between AI, computational hardware, and consumer demand, understanding how these factors shape organizational strategies and market dynamics.

By the program's conclusion, participants will emerge equipped with the knowledge, skills, and ethical acumen necessary to navigate the complex landscape of AI-driven business transformation responsibly and effectively.

The program will cover the following topics in depth with relevant use cases:

- Context setting: AI Building blocks
- Analytic technology landscape (AI learning algorithms)
- AI value chain innovation & AI factory
- AI based project management
- AI deployment and adoption
- Infrastructure AI
- Responsible AI: ethical consideration and data Governance

## Objectives

The key objectives of the program are as follows:

- Unravel core AI components: Statistical, machine, and deep learning techniques.
- Explore strategic imperatives: Define AI Factory, formulate strategies, build proficient AI teams.
- Understand the economics of AI: Impact on stakeholder value, industry competition, data-driven decision-making.
- Address responsible AI implementation for AI-driven business transformation.: Ethical considerations, algorithmic bias, data privacy concerns.
- Foster leadership in driving innovation and building trust in AI technologies.

## For Whom

- Middle level managers/Government official
- Business consultants/ Senior policy makers

## Pedagogy

The program will offer a highly interactive learning experience, incorporating multimedia presentations, engaging case studies, insightful lectures, and role play/ active participation in various formats.

## Programme Directors



**Dr. Manojit Chattopadhyay**  
Professor, Information Systems

Dr. Manojit Chattopadhyay is a Professor and affiliated to the Information Systems area. He received his PhD in Business Management from the University of Calcutta. He has around 20 years of work experience in Industry, Teaching and Research. His research focuses on application of AI based models in business decision making, strategic information visualization in the New digital economy, data privacy, Policy mining, Visual Clustering and social network analysis. He participated in Global Colloquium at Harvard Business School in 2017. He has published more than 60 papers in various reputed International journals and conferences.



**Dr. Sumeet Gupta**  
Professor, Information Systems

Dr. Sumeet Gupta is currently Professor of information Systems at IIM Raipur. He received PhD (Information Systems) and MBA from the National University of Singapore and BE (Mining) from GEC Raipur. He has 18 years of work experience in Industry, Teaching and Research, during which he worked with L&T India, The Logistics Institute-Asia Pacific, Singapore and SSGI Bhilai before joining IIM Raipur. He participated in Global Colloquium at Harvard Business School in 2015. He has held visiting faculty assignments with IIIT Naya Raipur and Huazhong University of Science and Technology, Wuhan, China. He has been accredited by AIMA as an Accredited Management Teacher and was awarded Prof. Manubhai M Shah Memorial Award by Indian Commerce Association in 2017. He was also awarded the President Graduate Fellowship at the National University of Singapore. He has published extensively in top-ranked International Journals.