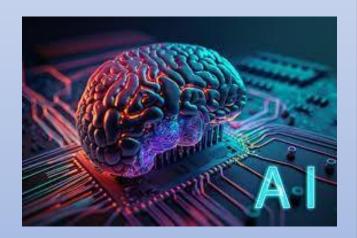


# One Day Workshop on Artificial Intelligence

02<sup>nd</sup> June 2025





Al Concepts & Application of Al in Industry Including Generative Al



## One Day Workshop on Artificial Intelligence Al Concepts & Application of Al in Industry including Generative Al

### Al Concepts & Application of Al in Industry Including Generative Al

### I. Workshop Overview

Artificial Intelligence (AI) is revolutionizing industries, shaping economies, and redefining the way we work and live. Al-driven organizations are **40% more likely to outperform competitors**, and AI adoption is becoming a key differentiator in business success.

This 6-hour immersive session is designed to equip professionals with a practical, industry-driven understanding of AI, covering AI fundamentals, real-world applications, AI ethics, Generative AI, Digital Twins, and best practices for AI implementation.

Through interactive discussions, live demos, case studies, and group exercises, participants will gain valuable insights into how AI can be leveraged for business transformation, automation, and competitive advantage.

## II. Workshop Agenda\*

### 1. Introduction to AI led Digital Transformation - (45 min)

- a. Demystifying Digital Transformation
- b. Key drivers pushing industries toward AI adoption
- c. Digital maturity and AI readiness framework

#### 2. AI Fundamentals – Demystifying AI (1.0 hour)

- a. Understanding AI, Machine Learning, Deep Learning
- b. Al technologies: NLP, Computer Vision, Neural Networks
- c. Supervised, Unsupervised & Reinforcement Learning

### 3. Application of AI in Industry – Practical Use Cases (1.5 hours)

- a. Al in Manufacturing (Predictive Maintenance, Quality Control)
- b. Case Study: How AI transformed an Automotive Giant in India?

#### 4. Digital Twins & AI – Bridging the Physical & Digital Worlds (30 min)

- a. What are Digital Twins? Why do they matter?
- b. Al-powered Predictive analytics in Digital Twins
- c. Hands-on Discussion: How Digital Twins could transform your industry?

### 5. AI Ethics & Data Privacy (20 min)

- a. Al bias, fairness, and accountability
- b. Global Data Privacy regulations & compliance frameworks
- c. Ethical dilemmas in Al-driven decision-making



## One Day Workshop on Artificial Intelligence Al Concepts & Application of Al in Industry including Generative Al

#### 6. Generative AI – A Practitioner's Perspective (30 min)

- a. How Generative AI models like ChatGPT, DeepSeek work
- b. Applications in business: Content creation, automation, coding

### 7. Al Implementation in Industry – Challenges & Roadblocks (30 min)

- a. Common AI adoption barriers: Data, talent, regulatory issues
- b. Overcoming integration & scalability challenges
- c. Best practices for AI strategy execution in organizations

### 8. The 10 Mantras for Successful Al Outcomes (30 min)

- a. Al readiness & strategy alignment
- b. Building an Al-first culture & upskilling workforce
- c. Data & Al governance: Ensuring transparency & responsible Al
- d. Future trends: Where AI is heading in the next decade?

### III. Who Should Attend?

- Business Leaders, Managers & Executives looking to integrate Al into their Organization
   / Departments
- Technology & IT Professionals exploring Al-driven innovations

## IV. Key Takeaways

- A solid understanding of AI fundamentals & industry applications
- Exposure to cutting-edge AI trends like Generative AI & Digital Twins
- ✓ Real-world Case studies & frameworks for AI implementation
- Practical strategies for AI adoption & overcoming challenges
- Actionable insights from Industry Practitioner

## V. Workshop Details

Workshop Date: 02<sup>nd</sup> June 2025

**Duration:** 6 Hours

Node: Hotel Grand Mercure Mysore, ibis styles, 2203 60 New Sayyaji Rao Road Mysore – 570 021.

<sup>\*</sup>Time duration is indicative



## One Day Workshop on Artificial Intelligence Al Concepts & Application of Al in Industry including Generative Al

### VI. Workshop Navigator & Faculty



Mr. Venkatesh Natarajan
Digital Transformation Evangelist
Ex-President - IT & Chief Digital Officer, Ashok Leyland

Venkatesh Natarajan or 'VN' as he is popularly known, is a Tech Visionary par excellence in the Industry. His 35 years of multifaceted experience in the Manufacturing industry includes 25 years of focused expertise in 'IT & Digital led Business Transformation'.

VN as the Chief Digital Officer in Ashok Leyland Limited was responsible for evangelizing and turbocharging Digital Technology Practices and creating a pan-organization 'Data Driven Culture'. He is extremely passionate about driving Digital resilience, excellence & innovation in the 'New-Age' Technology domains of Connected Vehicles, Industry 4.0, Al and Analytics.

He is passionate about teaching /sharing his knowledge with the student community and is a visiting faculty in premier business schools that includes ISB & IIMs. VN is an extremely articulate communicator and a renowned speaker in many prestigious global Tech events. He currently serves on the Board of Companies both in the capacity of Advisor & Digital Transformation Evangelist.

\*\*\*\*\*