

03 Days Workshop on Agentic AI Report

Format: 9014/0

Organized by	: Department of Artificial Intelligence and Data Science
Resource Person	:Mr.Swamy,Brainovision Solutions India Pvt. Ltd.
Venue	: SH 105
Date	: 23-03-2026,24-03-2026 & 25-03-2026
Event Co-Ordinators	:Mr.S.V.Swami,Ms.G. Hema Sri

Report

Event Overview:

The Department of Artificial Intelligence and Data Science organized a 3-day workshop on Agentic AI from 23rd to 25th for students.

The **AI & Agentic Systems Workshop** is a focused program designed to introduce participants to the fundamentals of Artificial Intelligence and the practical development of intelligent systems. It covers key concepts such as Generative AI, Large Language Models (LLMs), and transformer-based architectures, helping learners understand how modern AI systems process information and generate outputs.

Participants will explore how AI agents are designed using components like memory, tools, and decision-making frameworks, along with techniques for reasoning, task execution, and workflow automation. The workshop also emphasizes hands-on learning, enabling participants to build and present their own AI-powered applications.

Objective:

The objective of this workshop is to provide participants with a foundational understanding of Artificial Intelligence, Generative AI, and Large Language Models, while developing practical skills to design and build AI agents. It aims to equip learners with hands-on experience in creating AI-based applications and prepare them to apply these concepts in real-world scenarios and future opportunities

Event Activities:

Day 1 – AI & LLM Foundations (Common) Morning Session

- Introduction to AI, Generative AI & Agentic AI
- Transformer Architecture Basics
- How LLMs Work (Tokens, Context, Prediction) Afternoon Session
- LLM Capabilities & Limitations
- Context Handling & System Behavior
- Exercises on LLM Outputs & Use Cases

Day 2 – Agentic AI Systems Morning Session

- What is an AI Agent

- Agent Architecture (LLM, Tools, Memory, Planner)
- Agent Lifecycle (Plan → Act → Observe) Afternoon Session
- Tool Integration & External Systems
- Multi-Agent Systems (Supervisor & Worker Agents)
- Workflow Design & Task Routing
- Exercises on Agent Design

Day 3 – Reasoning + Implementation Morning Session

- Reasoning in Agents (Step-by-step Thinking, Self-Correction)
- Decision Making & Intelligent Routing Afternoon Session
- Hands-on Project Development
- Build Agentic AI Application
- Final Output & Present

Out Come of Workshop :

- Understand basics of AI, LLMs, and Generative AI
- Learn how AI models think and respond
- Design and build simple AI agents
- Apply reasoning and decision-making in AI
- Create a basic AI-powered project
- Gain practical skills for real-world AI applications

Feed Back:

Students provided highly positive feedback, appreciating the balance of theory and hands-on training, the relevance of real-time projects, and the exposure to industry-level AI practices.

Conclusion:

The workshop provides a clear understanding of AI concepts and hands-on experience in building intelligent systems, enabling participants to confidently apply AI in real-world projects and future innovations.

It also strengthens problem-solving and critical thinking skills through practical implementation. Participants are equipped with the foundation to explore advanced AI technologies and career opportunities.

Photos:



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Event Coordinator

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