VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

ONE-DAY WORKSHOP

From LLMs to Agentic AI

Understanding, Designing, and Building Intelligent AI Systems

DATE	TIME	MODE	REGISTRATION FEE
5 December 2026	10:00 AM – 5:00 PM	Hybrid	₹350 incl. GST

ABOUT THE SCHOOL

The School of Computer Science and Engineering (SCOPE) at VIT offers excellent infrastructure and domain-specific laboratories. It aims to develop skilled computing graduates with expertise in software and hardware integration. The school promotes innovative approaches to programming, problem-solving, and large-scale software development, and encourages core competency in specialized domains and continuous learning of emerging technologies. Its departments include Analytics, Computational Intelligence, Database Systems, Information Security, IoT, and Quantum AI.

ABOUT THE WORKSHOP

Explore the next generation of artificial intelligence through Agentic AI: systems that can reason through tasks, use external tools, maintain memory, and coordinate multi-step actions. This workshop combines clear conceptual foundations with guided, practical agent-building activities.

LEARNING OUTCOMES

- Understand the principles, components, and lifecycle of an AI agent.
- Differentiate between traditional AI systems and agentic AI systems.
- Build and run a basic autonomous agent that can use external tools.
- Understand memory management and planning in multi-step AI workflows.
- Design multi-agent pipelines and integrate web search into AI agent workflows.

RESOURCE PERSON

Dr. Soumen Biswas
Chief Researcher, Research and Development Center, Hitachi India Pvt. Ltd., Bengaluru, India

ADVISORY COMMITTEE

Dr. N. Jaisankar
Professor and Dean In-charge, SCOPE

Dr. H. Parveen Sultana
Professor and Associate Dean In-charge, SCOPE

Dr. Sathiya Kumar C
Professor and Head of the Department, Quantum AI, SCOPE

WORKSHOP COORDINATORS

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ELIGIBILITY

Faculty members, research scholars, and undergraduate/postgraduate students interested in AI and emerging technologies.

SDG GOALS

- **SDG 4** Quality Education
- **SDG 8** Decent Work and Economic Growth
- **SDG 9** Industry, Innovation and Infrastructure
- **SDG 17** Partnerships for the Goals

ORGANIZED BY
Department of Quantum AI, School of Computer Science and Engineering
Vellore Institute of Technology, Vellore – 632 014

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