National Level Workshop on
"Designing Intelligent Agents: A Hands-On Workshop on Building Agentic AI Systems"
(Online)
25th October 2025

Organized by
School of Computer Science and Engineering (SCOPE)
Vellore Institute of Technology
Vellore – 632 014

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Coordinators:
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Department of Analytics
Dr. C.R.Dhivyaa, Assistant Professor
Department of Database Systems
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Contents of the Programme

- Introduction to Agentic AI Systems
- Core Concepts in Agent Design
- Prompt Engineering
- Architectures for Intelligent Agents
- Agent Development
- Agent-based solutions
- Tools and Frameworks for Building Agentic AI
- Advanced Agent Workflows

Target Audience:

Faculty members, Research Scholars, UG and PG students

Registration:

The participants are requested to register for the workshop through the following link

https://events.vit.ac.in/

Registration fee (Including GST):

- **Faculty Members   :   Rs. 300/-**
- **Research Scholars   :   Rs. 200/-**
- **UG/PG Students   :   Rs. 150/-**

Last date for registration:23.10.2025

ABOUT THE VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. Our Memoranda of Understanding with various international universities are our major strength.

ABOUT THE SCOPE

The school has one of the best infrastructure including domain-specific labs associated with the technical departments. The main aim is to produce computing graduates with potential, to design and develop systems involving the integration of software and hardware devices, employ innovative approaches in programming and problem solving, and create Large Scale Software Systems. With an objective of developing core competence in the subject matter specializations and special interest groups for learning newer technologies.

The school has formed the following technical departments:

- Department of Analytics
- Department of Computational Intelligence
- Department of Database Systems
- Department of Software Systems
- Department of Information Security
- Department of IoT

ABOUT THE WORKSHOP

Designing Intelligent Agents: A Hands-On Workshop on Building Agentic AI Systems is a National-level, one-day online program aimed at equipping participants with both the conceptual understanding and practical skills required to create intelligent, agent-based AI systems. The workshop will cover the fundamentals of agent architectures, autonomous decision-making processes, reasoning mechanisms, and goal-driven behaviors. Participants will engage in hands-on sessions to understand the use of modern AI frameworks and tools for building adaptive, autonomous systems. Emphasis will be placed on bridging theoretical knowledge with practical approaches, enabling attendees to design intelligent agents capable of operating effectively in dynamic and complex environments. This workshop is intended for researchers, students, and professionals interested in advancing their skills in agentic AI system development.

Speakers

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