



One Day National Level Workshop on Generative AI Bootcamp: Learn to build AI - Powered Generative models.

7th March 2025

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



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Dr. Perepi Rajarajeswari,
Associate Professor

Department of Software Systems
School of Computer Science and Engineering

Contents of the Programme

- Generative AI Concepts
- RAG-based Chatbots and Virtual Assistants
- LLM-driven Content Generation and Question Answering Systems
- Conversational AI Agents and Hands-on Project

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):

- **Participants** : **Rs. 350/-**

Last date for registration: 05.03.2025

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

About Workshop

This Workshop aims at providing a forum for members of the research and academy community.

The Workshop enables the participants to understand the recent technologies in Harnessing Generative AI. It gives you the understanding of Key concepts and applications to build conversational AI agents using Retrieval-Augmented Generation (RAG) models. The participants may develop virtual assistants using Large Language Models (LLMs) and RAG and Create AI-powered content generation tools using LLMs. The workshop will enable the participants to Design question answering systems using RAG models, Develop conversational AI agents using LLMs and RAG for customer support and can Guided project: Building a generative AI model using RAG and LLMs

Hands-on exercises and live demonstrations will provide practical experience, ensuring attendees can confidently implement what they learn in their own projects or businesses.

Speakers

Dr. Arpit Yadav

Senior AI Scientist

Center for Continuing Education, Bangalore
Data Science, Machine Learning, Deep Learning, VLSI Design, Computer Vision, Natural Language Processing, Generative AI

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