



# VIT

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

## One Day Online National Workshop on Multimodal Generative AI: Concepts, Models, and Hands-On Implementation

23<sup>rd</sup> March 2026

*Organized by*

School of Computer Science and Engineering  
(SCOPE)

Vellore Institute of Technology  
Vellore – 632 014



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**Dr. Sendhil Kumar K S.**

Head – Department of Database Systems, SCOPE

#### Coordinators:

**Dr. Gayathri S.**

Assistant Professor, Department of IoT, SCOPE

**Dr. Konatham Sumalatha**,

Assistant Professor, Department of DS, SCOPE

### CONTENTS OF THE PROGRAMME

- Introduction to Multimodal Generative AI and Foundation Models
- Multimodal Data Representation and Learning Architectures
- Prompt Engineering and Fine-Tuning Multimodal Models
- Hands-On Implementation with Pre-Trained Multimodal AI Models
- Applications, Challenges, and Future Trends in Multimodal Generative AI

#### Target Audience:

Faculty members, Research Scholars, UG and PG students

#### Registration:

The participants are requested to register for the workshop through the following link or use the QR code.

<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: 21.03.2026**

## ABOUT 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 infrastructures 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 WORKSHOP

This workshop on “Multimodal Generative AI: Concepts, Models, and Hands-On Implementation” aims to introduce participants to the principles, models, and real-world applications of generative artificial intelligence that integrate text, image, and audio data. The workshop combines expert lectures with live hands-on sessions to help participants understand how modern multimodal AI systems are designed and implemented using popular tools and pre-trained models. Participants will gain practical exposure to building simple multimodal generative pipelines while also learning about emerging applications, ethical considerations, and future research directions. The program is designed for faculty, students, researchers, and professionals seeking both conceptual clarity and practical skills in multimodal generative AI.

## SPEAKERS

**Dr. Harikrishnan P M**

Senior GenAI Research Engineer  
Quantiphi Analytics, Bangalore

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