



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**One Day Online Workshop on Large  
Language Model in Generative AI with  
Research and Industry Applications**  
**30<sup>th</sup> October 2025**

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



## Organizing Committee

### Chief Patron:

**Dr. G. Viswanathan**, Chancellor

### Patrons:

**Mr. Sankar Viswanathan**, Vice President

**Dr. Sekar Viswanathan**, Vice President

**Dr. G V Selvam**, Vice President

**Dr. Sandhya Pentareddy**,  
Executive Director

**Ms. Kadhambari S Viswanathan**  
Assistant Vice - President

### Co-Patrons:

**Dr. V. S. Kanchana Bhaaskaran**  
Vice Chancellor

**Dr. Partha Sharathi Mallick**  
Pro-Vice Chancellor

**Dr. T. Jayabarathi**, Registrar

### Convener:

**Dr. N. Jaisankar**, Dean In-charge,  
SCOPE

### Co-Convener:

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

### Organizing Secretaries:

**Dr. M. P. Gopinath**  
Head - Information Security, SCOPE

**Dr. S. Murali**  
Head - Database Systems, SCOPE

### Coordinators:

**Dr. R. Kanagaraj**, Assistant Professor  
Department of Information Security,  
SCOPE

**Dr. A. Kumaresan**, Associate Professor  
Department of Database Systems, SCOPE

## Contents of the Programme

- Transformer Architecture
- Pre-training and Fine-tuning
- Causal Language Models (CLM)
- Masked Language Models (MLM)
- Generative Pre-trained Transformer (GPT)
- Bidirectional Encoder Representations from Transformers (BERT)
- T5 (Text-to-Text Transfer Transformer)
- PaLM, Mistral, Claude, LLaMA

### 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/>

### Registrationfee (Including GST):

- |                     |   |           |
|---------------------|---|-----------|
| • Faculty Members   | : | Rs. 350/- |
| • Research Scholars | : | Rs. 300/- |
| • UG/PG Students    | : | Rs. 250/- |

**Last date for registration: 27.10.2025**

## 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 encourages 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 Analytics
- Department of Computational Intelligence
- Department of Database Systems
- Department of Software Systems
- 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 Artificial Intelligence, Data Science, Machine Learning and its applications. It gives you the understanding of Key concepts and applications to build conversational AI agents using RAG models. The participants may develop virtual assistants using 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

## Speaker

### Mr. Thanikachalam M

DATA Scientist / DATA Engineer  
Tata Consultancy Service  
Google Cloud Certified  
Machine Learning Engineer

### For further details contact

#### Email:

**kanagaraj.r@vit.ac.in,**  
**kumaresan.angappan@vit.ac.in**

#### Mobile:

**+91-9894417279**  
**+91-9894234358**

**Participants are requested to register for the workshop through following web link**

**<https://events.vit.ac.in/>**

