



**One day Online workshop on
Generative AI Revolution: Build Smart
Apps and Explore Cutting-Edge
Research on AWS**

01st November 2025

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



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Head – Software Systems, SCOPE

Dr. S. Murali
Head - Database Systems, SCOPE

Coordinators:

Dr. D.Deepa, Assistant Professor
Department of Software Systems,
SCOPE

Dr. N.Krishnaraj, Assistant Professor
Department of Database Systems, SCOPE

Contents of the Programme

- Introduction to Generative AI
- AWS Services for Generative AI
- Prompt Engineering Hands-On (Bedrock)
- Build Your Own GenAI App (Start)
- Evaluate Gen AI Apps in AWS
- Building Agents on AWS Bedrock using Knowledge base and 3rd party integrations
- Research & Project Roadmap Planning

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: 29.10.2025

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 one-day online workshop, Generative AI Revolution: Build Smart Apps & Explore Cutting-Edge Research on AWS, offers a hands-on journey into the world of Generative AI. Participants will begin with a foundational overview of Generative AI concepts and explore how AWS services like Bedrock empower scalable, intelligent applications. Through guided exercises in prompt engineering and app development, attendees will build their own GenAI applications from scratch. The workshop also covers evaluation techniques and advanced agent-building using knowledge bases and third-party integrations. By the end of the day, participants will have practical experience and insights to innovate with Generative AI on AWS.

Speaker

Mr. Ragavendran Chandrasekaran
Solution Architect
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