

About SCOPE:

SCOPE at VIT was established for imparting state-of-the-art knowledge in Computer Science and Engineering and allied areas. The school has set up laboratories with excellent infrastructure in the areas of AI, Machine Vision, Big Data Analytics, Full Stack Development, Cognitive Computing and many more. Faculties are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO, Samsung PRISM and DST.

About the event:

This one-day online workshop provides a practical introduction to Retrieval-Augmented Generation (RAG), an emerging approach for developing reliable and domain-specific AI applications. Participants will understand the fundamentals of large language models, embeddings, vector databases, document retrieval, prompt engineering, and RAG architecture. The workshop will demonstrate how domain knowledge can be integrated with generative AI to build intelligent question-answering and knowledge-based applications. Through hands-on demonstrations and practical examples, participants will learn the complete workflow from document preparation and knowledge retrieval to response generation and evaluation. The session is designed for students, research scholars, faculty members, and industry professionals interested in developing practical AI solutions.

Content of the program:

- Generative AI and RAG Fundamentals
- Building a RAG Pipeline
- Hands-on RAG Application Development
- RAG Evaluation & Advanced Techniques

Resource Persons:

Mr. Satish Gajendran,
Founder & CEO, CyborgSapient,
Greater Bengaluru Area

Eligibility: The training program is open to Industry personnel, Engineering Faculties, Research Scholars and UG/PG students.

Registration Fee (Inclusive GST):

Rs.325 (For Faculty and Industry person),
Rs.275 (For Research Scholar),
Rs.250 (For UG/PG Students).
Foreign participants 15 USD

Payment Link: <https://events.vit.ac.in/>

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Note: **E-certificates will be awarded to all participants subject to 100% attendance**



VIT[®]

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

One Day Workshop on Retrieval-Augmented Generation (RAG): Building Domain-Specific AI Applications (Hybrid Mode) 11th December 2026

Organized by

**School of Computer Science and
Engineering (SCOPE)**

Vellore Institute of Technology

Vellore-632014

