



VIT[®]

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

Next-Gen AI: Transformers, Edge AI, and Sustainable Intelligence

(Hybrid Mode)

19th June 2026

Organized by

School of Computer Science and
Engineering (SCOPE)

Vellore Institute of Technology

Vellore-632014



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 workshop is designed to provide participants with both practical and conceptual understanding of next-generation artificial intelligence technologies, focusing on Transformers, Edge AI, and Sustainable Intelligence. The program introduces the fundamental concepts of transformer architectures, generative AI, intelligent edge computing, and energy-efficient AI systems. Through expert sessions, case studies, and live demonstrations, participants will explore how modern AI models are developed, optimized, and deployed across cloud and edge environments for real-world applications.

The workshop will also cover emerging topics such as TinyML, and green AI practices aimed at reducing computational cost and environmental impact. Participants will gain exposure to modern AI tools, frameworks, and deployment strategies for applications in healthcare, smart agriculture, IoT, autonomous systems, and smart cities. By the end of the program, attendees will acquire valuable insights and practical knowledge to develop scalable, intelligent, and sustainable AI solutions, making the workshop highly beneficial for students, researchers, faculty members, and industry professionals working in AI, data science, and intelligent computing.

Content of the program:

- Evolution of AI,
- Transformer Models and Edge AI
- TinyML Applications and
- Sustainable Intelligence including Green AI

Resource Persons: Experts from Reputed Institutions and Industry.

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

Registration Fee (Inclusive GST) :

Rs.250 (For Faculty and Industry person),
Rs.200 (For Research Scholar),
Rs.200 (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**