



VIT[®]

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

One Day Online Workshop on AI in Threat Intelligence and Security Analytics

25th April 2026

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:

Dr. Sankar Viswanathan, Vice President

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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. P. Boominathan

Head - Software Systems
SCOPE

Coordinators:

Dr. Akila Victor, Associate Professor Sr.
Department of Software Systems
SCOPE

Dr. S. Ramani, Associate Professor
Department of Information Security
SCOPE

Contents of the Programme

- Live Threat Detection using AI Models
- Build Your Own AI-Powered IDS
- Real-Time Log Analysis & Attack Detection
- Detecting Anomalies in Network Traffic
- Malware Analysis with Machine Learning
- Threat Hunting using AI Techniques
- Security Dashboard & Visualization Lab

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/>

Registration fee (Including GST):

- Faculty Members : Rs. 450/-
- Research Scholars : Rs. 350/-
- UG/PG Students : Rs. 250/-

Last date for registration: 24.04.2026

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
- Department of Quantum AI

About Workshop

This workshop provides an in-depth understanding of how Artificial Intelligence is transforming cybersecurity practices, with a focus on its application in threat intelligence and advanced security analytics. Participants will explore machine learning and deep learning techniques for detecting cyber threats and analyzing security data in real time. The workshop highlights practical applications such as anomaly detection, malware analysis, and intrusion detection, while offering a platform for academicians, researchers, and professionals to learn emerging technologies. The hands-on component will enable participants to work

with tools like Python and TensorFlow, analyze security datasets, and build AI-based threat detection models.

Speakers

Mr. Dinesh Paranthagan

Founder & CEO

Hackup Technology, Coimbatore

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