



VIT

Vellore Institute of Technology
(Deemed to the University under section of UGC, Act. 1926)

One-Day Workshop on Syntax & Symptoms: Where Clinical Care Meets Compute

26th June 2026

Organized by

School of Computer Science
and Engineering (SCOPE),
Vellore Institute of Technology
Vellore – 632 014



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 Sharthi 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 Chair:

Dr. Sendhil Kumar K. S.
HOD, Dept. of Database
Systems, School of Computer
Science and Engineering

Dr. Mythili T

HOD, Dept. of Analytics,
School of Computer Science
and Engineering

Coordinators:

Dr. Santhi K

Professor Grade 1,
Dept. of Analytics

Dr. Tamizharasi T

Asst Prof Sr. Grade 2,
Dept. of Database Systems

Resource Persons



Mr. Subash C,
Senior Clinical Scientist,
Inference,
Bengaluru.



Dr. Chellatamilan T,
Professor Grade 1,
School of Computer Science
and Engineering,
VIT Vellore.

Contents of the Programme

- Introduction to Clinical Computing and Digital Healthcare.
- Healthcare Communication and Interdisciplinary Collaboration.
- Clinical Problem Solving and Computational Thinking.
- Healthcare Data Literacy.
- Artificial Intelligence and Machine Learning in Healthcare.
- Large Language Models and Generative AI in Clinical Settings.
- Leadership, Teamwork, and Innovation in Healthcare.

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 encourage us 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, and to 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 new 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

The proposed one-day workshop, "Syntax & Symptoms: Where Clinical Care Meets Compute," scheduled for June 2026, aims to explore the growing intersection of healthcare and computational technologies. The workshop will bring together clinicians, healthcare professionals, researchers, academicians, and students to discuss emerging advancements in Artificial Intelligence, Clinical Informatics, Data Analytics, and Digital Health.

Through expert talks, interactive sessions, and practical demonstrations, participants will gain insights into how computational tools can enhance clinical decision-making, improve patient outcomes, and support evidence-based healthcare practices. The event will also address ethical, legal, and data privacy considerations associated with technology-driven healthcare solutions, fostering interdisciplinary collaboration and innovation in the rapidly evolving healthcare ecosystem.

Mode : Hybrid

Participants:

Research Scholars, Faculty Members, Computer Science and IT Students, and Medical Practitioners

Registration Fees:

Rs. 200/-Registration fee includes GST



SYMPTOMS

Contact Us

For further details contact

santhikrishnan@vit.ac.in
tamizharasi.t@vit.ac.in

+91 9789777676

+91 9677883601

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

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