



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

One Day National Level Workshop on AI Enabled Full Stack Development: From Concept to Code

3rd November 2025

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



Venue: Kamaraj Auditorium (TT)

Time : 10:00 am to 05:30 pm

Organizing Committee

Chief Patron:

Dr. G. Viswanathan, Chancellor

Patrons:

Mr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G.V. Selvam, Vice President

Co-Patrons:

Dr. V. S. Kanchana Bhaaskaran
Vice Chancellor

Dr. Partha Sharathi Mallick
Pro-Vice Chancellor

Dr. T. Jayabarathi, Registrar

Convener:

Dr. N. Jaisankar, Dean In-charge,
School of Computer Science and
Engineering

Co-Convener:

Dr. H Parveen Sultana, Associate Dean
In-charge, School of Computer Science
and Engineering

Organizing Secretaries:

Dr. Sendhil Kumar KS

Head – Department of Software Systems
School of Computer Science and
Engineering

Dr. Boominathan P

Head – Department of Software Systems
School of Computer Science and
Engineering

Coordinators:

Dr. T.Archana,
Assistant Professor Senior
Department of Database Systems
School of Computer Science and Engineering

Dr. Perepi Rajarajeswari,
Associate Professor
Department of Software Systems
School of Computer Science and Engineering

Contents of the Programme

- The rise of AI in software development
- AI for frontend development
- AI for Backend and databases
- AI enabled full stack application
- Hands on sessions and Project discussion

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): **Rs. 350/-**

Last date for registration: 02/11/2025

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 Software Systems
- Department of Computational Intelligence
- Department of Database Systems
- Department of Analytics
- Department of Information Security
- Department of IoT
- Department of Quantum AI

About Workshop

This Workshop aims at providing a forum for members of the research and academy community. The Workshop enables the participants to Understand how AI is revolutionizing the full stack development lifecycle. From AI-assisted front-end design and component generation to automated back-end APIs, database queries, and code quality improvements, you'll explore the tools, workflows, and real-world use cases that are reshaping modern software engineering.

Hands-on exercises and live demonstrations will provide practical experience, ensuring attendees can confidently implement what they learn in their own projects or businesses.

Speakers

Mr. Sriman Abimanyu Muthukumaran

Lead Front End Developer,
Applore Technologies,
Bengaluru,
Karnataka

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