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

ONE-DAY NATIONAL LEVEL HANDS-ON WORKSHOP

From Idea to Live App

A National Workshop on AI-Powered Software Development

10 October 2026
Saturday

ORGANIZED BY
School of Computer Science and Engineering (SCOPE)

ORGANIZING COMMITTEE

CHIEF PATRON
Dr. G. Viswanathan, Chancellor

CONVENER
Dr. N. Jaisankar, Dean In-charge, SCOPE

CO-CONVENER
Dr. H. Parveen Sultana, Associate Dean In-charge, SCOPE

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 Sharathi Mallick, Pro-Vice Chancellor
Dr. T. Jayabarathi, Registrar

ORGANIZING CHAIRS
Dr. Gayathri P
HOD, Department of Computational Intelligence, SCOPE
Dr. J Saira Banu
HOD, Department of IoT, SCOPE

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 THE WORKSHOP

This workshop provides participants with practical, industry-oriented exposure to the latest AI-powered approaches for modern software development. It focuses on how Generative AI, AI coding assistants, and intelligent agents are transforming the way software is designed, developed, tested, and deployed.

Through interactive demonstrations and hands-on activities, participants will learn to transform an idea into a functional software application, leverage AI tools for coding and debugging, automate development workflows, and deploy applications to a live environment. The workshop also introduces emerging practices in AI-assisted software engineering, agentic AI, and automation, enabling participants to gain practical experience and develop a working application using contemporary development tools and techniques.

CONTENTS OF THE PROGRAMME

- Introduction to AI-Powered Software Development
- Generative AI Tools for Coding and Debugging
- Software Development Using Claude Code
- AI Model APIs and AI Agent Integration
- Idea-to-Application Development
- Application Testing and System Design
- AI-Assisted Deployment and Production
- Hands-on AI Application Development
- AI Automation and Modern Software Engineering Practices
- Mini Project Development and Demonstration

RESOURCE PERSON

Mr. Ragul KTS
Founder, HighOnSwift
AI Strategist · Chennai

REGISTER NOW
Participants are requested to register for the workshop through the web link
https://events.vit.ac.in/

REGISTRATION DETAILS

REGISTRATION FEE	**Rs. 250** + GST 18%
LAST DATE FOR REGISTRATION	**Oct 06, 2026** Tuesday

TARGET PARTICIPANTS
- ✓ UG & PG Students
- ✓ Research Scholars

SCAN TO REGISTER

E-CERTIFICATES WILL BE PROVIDED

PROGRAM COORDINATORS

Dr. R. Pushpalakshmi
+91 9842743095
pushpalakshmi.r@vit.ac.in

Dr. G. Kavitha
+91 9003958478
kavitha.gandhi@vit.ac.in