



VIT
Vellore Institute of Technology
Deemed to be University

**Industry Academia
Conclave 2026
NEXAI**

SCOPE
SCHOOL OF COMPUTER
SCIENCE AND ENGINEERING



FOR A
BETTER
TOMORROW

CONVERGE X 2026 AI SOLUTION SPRINT

From Concepts to Intelligent Solutions

The Next-Generation AI:
Agents, Automation and Intelligent Systems

Intelligence
in Action



23 OCTOBER 2026
(Single Day Event)



VIT VELLORE

A STUDENT-FOCUSED INITIATIVE
AS A PART OF INDUSTRY-ACADEMIA CONCLAVE



ABOUT THE EVENT

ConvergeX 2026 – AI Solution Sprint is a student-focused experiential programme designed to provide a structured platform to solve real-world problems using AI. Selected teams will be given 3–4 weeks to develop functional solutions and demonstrate their prototypes before industry experts and academicians.



KEY HIGHLIGHTS



Real-World
Problem Statements



3–4 Weeks
Solution Development



Expert Mentoring
& Technical Reviews



AI Solution Showcase
Before Industry Experts



WHO CAN PARTICIPATE?

UG & PG Students | Research Scholars
Interdisciplinary Teams

Venue: Homi Bhabha Gallery, SJT 4th Floor

Team Size: 2 - 4 Students



AI SOLUTION SPRINT TRACKS

Choose a track. Build an impact.



Track 1 AI AGENTS

Development of intelligent agents capable of reasoning, planning, tool usage and task execution.



Track 2 INTELLIGENT AUTOMATION

AI-based automation of repetitive, complex or decision-oriented workflows.



Track 3 INTELLIGENT SYSTEMS

Integrated systems capable of sensing, analysing, predicting and supporting decisions.



Track 4 AI FOR SOCIETY

AI solutions addressing education, healthcare, agriculture, accessibility, sustainability, safety and other societal needs.



Track 5 AI FOR INDUSTRY

AI applications for manufacturing, cybersecurity, finance, logistics, retail, energy and other industry sectors.



CONVERGEX PROBLEM STATEMENTS

Select one problem statement and develop your AI-powered solution.

1



AI Agent for Personalized Learning

Develop an intelligent AI agent that can personalize learning experiences, provide adaptive feedback and support students in achieving their academic goals.

2



AI-Based Smart Campus Management

Design an AI-driven solution for intelligent campus management covering areas such as resource optimization, security, energy management and student services.

3



AI-Powered Agricultural Decision Support

Develop an AI-based system for crop monitoring, disease detection, yield prediction and smart decision support for sustainable agriculture.

4



Multi-Agent System for Emergency and Disaster Management

Design a multi-agent AI system for real-time disaster monitoring, resource allocation, coordination and decision support during emergencies.

5



Intelligent Energy Management System

Develop an AI-based solution for efficient energy monitoring, consumption prediction, load balancing and optimal energy utilization in smart environments.

6



Intelligent Healthcare Assistance System

Design an AI-powered system for early disease prediction, patient monitoring, decision support and assisting healthcare professionals.



GUEST SPEAKER



Prabakaran Jayapalan
Senior Software Engineer
Full Stack at Empower



REGISTRATION DETAILS

Registration Fee
₹350 (Including GST)
per person
(2 – 4 members)



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

Register Now

Scan the QR code
or visit the link

Last date for Registration: 15 Oct 2026



SINGLE DAY EVENT

23 OCTOBER 2026

09:30 – 10:00 AM

Overview of CONVERGEX
AI Solution Sprint

10:00 – 10:15 AM

Briefing on Solution Showcase &
Expert Interaction

10:15 AM – 01:00 PM

Expert Interaction with Student
Teams – Session I

01:00 – 02:00 PM

Lunch Break

02:00 – 04:00 PM

Expert Interaction with Student
Teams – Session II

04:00 – 04:30 PM

Expert Feedback & Recommendations
for Further Development

04:30 – 05:00 PM

End Note & Vote of Thanks



EVENT COORDINATORS

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₹ 6,000



**RUNNER UP
CASH PRIZE**

₹ 4,000

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