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

40 YEARS OF TRANSFORMING LIVES

School of Electronics Engineering
Department of Embedded Technology

Industry Academia Conclave 2025

Electronics Renaissance: Accelerating Indian Leadership for Global Sustainability



24 hrs
HACKATHON

01-02 September, 2025



Technical Sponsors

IEEE VTS Connecting the Mobile World

IEEE TEMS Technology & Engineering Management Society

The Institution of Electronics and Telecommunication Engineers (IETE)

About SENSE

School of Electronics Engineering (SENSE) at VIT was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. Faculties are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO (RESPOND), and DST. SENSE has many Industries sponsored advanced laboratories for carrying research and development. MoUs with many Foreign Universities, Research Organizations and Industries facilitate Student and Faculty exchange.

Industry-Academia Conclave (IAC) 2025

SENSE of VIT, Vellore is proud to host the prestigious Industry-Academia Conclave 2025, a dynamic forum designed to foster innovation, collaboration, and knowledge exchange between academia and Industry. This landmark event brings together all four specialized Departments- Communication Engineering, Embedded Technology, Micro & Nanoelectronics (VLSI), and Sensor & Biomedical Technology in a joint effort to showcase cutting-edge advancements and forge impactful partnerships. Over the course of Conclave, attendees can explore a wide range of opportunities/events including hands-on workshops, immersive training sessions, technical talks by leading industry experts, panel discussions with thought leaders, and a highly anticipated Hack-a-thon, the Conclave serves as a MoU signing to formalize collaborations with VIT in research, technical, development, and beyond.

Hackathon (24 hours)

Hackathons are highly significant in the modern era, offering a unique blend of learning, networking, and innovation. They foster creativity, teamwork, and practical problem-solving skills, bridging the gap between theoretical knowledge and real-world application. Hackathons also serve as a valuable recruitment tool and a platform for companies to generate fresh ideas and showcase their brand. They encourage participants to think outside the box and rapidly prototype ideas, leading to innovative products, services, and process improvements.

General Instructions:

- Offline event.
- Accommodation will not be provided.
- Problem Statement will be announced on 01 September 2025,02.00 PM.
- Evaluation will be done by Industry Experts during 02 September 2025 from 11.00 AM to 02.00 PM.
- Certificate will be issued for all.
- Top 5 Teams will be offered Internship by concerned Industries.

Eligibility

- **Diploma, UG / PG Students**
- **Research Scholars**

Broad Theme

- 5G Communication
- Smart City
- Embedded Systems
- IoT & Sensors
- AI/ML
- Wearable Devices
- Biomedical Devices
- Energy Harvesting
- Nano Electronics
- Robotics
- Automotive Electronics

Participating Industries

Industrial Design & Animations | Vulture Lines Tech Management Private Limited | OneYes InfoTech Solutions | Thozil

Registration Fee

- ₹354 (inclusive of 18% GST)
- ₹1062 for all 3 days (inclusive of 18% GST)

LAST DATE FOR REGISTRATION: 31 AUGUST, 2025

Team Size

- Max. 3 Members

Registration link

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

For more details: https://vit.ac.in/conference/IAC-2025/

Advisory Committee

Dr. Jasmine Pemeena Priyadarisini
Professor and Dean,
School of Electronics Engineering,
Vellore Institute of Technology,
Vellore, India.

Dr. Sundar S
Associate Professor & Head,
Department of Embedded Technology, School of Electronics Engineering,
Vellore Institute of Technology,
Vellore, India.

Dr. Vinoth Babu K
IAC 2025 Chair
Department of Communication Engineering, School of Electronics Engineering,
Vellore Institute of Technology,
Vellore, India.

Coordinators

Dr. Sujatha R
Dr. Vijendra Babu D
Dr. Bijaylaxmi Das
Department of Embedded Technology,
School of Electronics Engineering,
Vellore Institute of Technology,
Vellore, India.

Contact Details

Email: vijendrababu.d@vit.ac.in, sujatha.r@vit.ac.in, bijaylaxmi.das@vit.ac.in, vinothbabu.k@vit.ac.in

