About SENSE:

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.

IAC 2025:

The Industry-Academia Conclave serves as a vibrant confluence of intellectual rigor and industrial innovation, forging strategic alliances that transcend conventional boundaries. It aspires to catalyze transformative collaboration, nurturing a dynamic ecosystem of research excellence, skill advancement, and impactful innovation.

Workshop on "Leverage AI in Software Defined Vehicles (SDVs)"

Resource Person:

**Thiyagarajan Subramani,
Engineering Leader,
DGM @ Continental, Bengaluru,
Karnataka, India**

Thiyagarajan Subramani is a seasoned engineering leader with over 20 years of cross-domain experience spanning ADAS, autonomous driving, radar perception, connected vehicles, embedded systems, biomedical engineering, and digital platforms. He currently heads the Radar Perception Algorithm Group at Continental Technical Center India, where he spearheads AI powered innovation and product development to enable real-time, high-confidence decision making in Software-Defined Vehicles (SDVs). Earlier in his career, Thiyagarajan held key technical and leadership roles at Siemens Corporate Research, contributing to cutting-edge research and prototype development in machine learning for speech processing, biomedical signal analysis, and industrial automation systems. His diverse background allows him to design and deliver scalable solutions that bridge hardware, software, and data across complex automotive ecosystems.

As a panelist for VIT Industrial Conclave 2025, he offers grounded and forward-looking perspectives on how AI and data are reshaping vehicle autonomy—drawing from his hands-on experience across R&D, product engineering, and cross-functional platform leadership. Thiyagarajan is currently expanding his focus toward business and product strategy leadership, with a vision to connect deep tech with impactful business outcomes in the future of mobility.

Eligibility: The workshop program is open to Research Scholars and UG/PG students.

Advisory Committee:

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

Dr. S Sundar
Associate Professor & Head,
Department of Embedded Technology, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore, India.
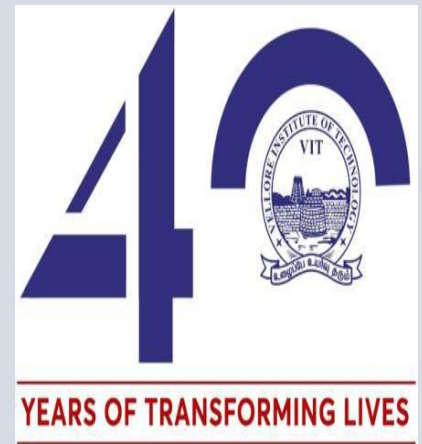
Dr Vinoth Babu K
IAC 2025 Chair
Department of Communication Engineering, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore, India

Coordinators

**Dr. Sujatha R
Dr Vijendra Babu D
Dr. Bijaylaxmi Das**
School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore

Contact Numbers: 8984764021, 9443538245, 8610045822

E-Mail: bijaylaxmi.das@vit.ac.in, sujatha.r@vit.ac.in vinothbabu.k@vit.ac.in

**Industry Academia Conclave'25
(IAC 2025)**

**Workshop on
"Leverage AI in Software
Defined Vehicles (SDVs)"**

September 2, 2025

Organized by
**Department of Embedded Technology
School of Electronics Engineering SENSE**

Registration Fee: Rs.354 (Inclusive of 18% GST)
Event registrants may attend other same-day events at no extra registration.

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