## **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.

Theme: Electronics Renaissance: Accelerating Indian Leadership for Global Sustainability.

As a part of IAC 2025, the antenna design workshop will be conducted with the following course contents. Further, the antenna design contest will be conducted and the fabrication will be sponsored by the industry.

#### **Course Content:**

- > Fundamentals of Microstrip Patch Antenna
- Design of Microstrip Patch/ Slot antenna
- Design of UWB antenna
- Frequency Selective Surface
- > Antenna Design towards 5G
- Reconfigurable Techniques
- > CST Microwave Studio-Hands on session

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

**Registration Fee:** Rs.300 + 18% GST

**Fabrication Sponsorship: QUATEK Technologies India Pvt Ltd.** (Contest winning designs will be fabricated by QUATEK)

## **Advisory Committee:**

Dr. Jasmine Pemeena Priyadarisini

Professor and Dean.

School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore, India.

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Professor & Head.

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#### Dr Vinoth Babu K

#### IAC 2025 Chair

Department of Communication Engineering, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore, India

### **Coordinators**

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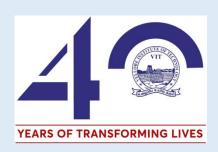
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## **Industry Academia Conclave'25**



# iAntenna'25 – Intelligent Antenna Design Contest & Workshop

Aug 24 &31, 2025

Organized by

Department of Communication Engineering

School of Electronics Engineering SENSE

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