



ABOUT SENSE

SENSE at VIT delivers advanced education in Electronics and Communication Engineering and allied fields. The B.Tech ECE program is accredited by the Engineering Accreditation Commission of ABET (abet.org). The school maintains a strong placement record, with many students securing roles in core companies each year.

It is equipped with well-established laboratories in Electronics, Communication, VLSI, Embedded Systems, Sensors, and Nanotechnology, supported by modern simulation, measurement, and characterization tools. Students are encouraged to undertake innovative projects, including opportunities to complete their final-year work abroad.

SENSE also promotes research and industry collaboration through advanced, industry-sponsored labs and MoUs with international universities, research organizations, and industries. Faculty members are actively engaged in R&D, working on projects funded by agencies such as DRDO, ISRO (RESPOND), BRNS, and DST, fostering innovation and global exposure.

SENSE-A-THON '26

'Make in Sense'

School of Electronics Engineering (SENSE)

In Collaboration with
Office of Students' Welfare

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 spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward. We look forward to meeting you here at VIT.

LEADERSHIP

Chief Patron
Dr. G. Viswanathan
Founder & Chancellor

Patrons
Dr. 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

Dr. V. S. Kanchana Bhaaskaran
Vice Chancellor

Dr. Partha Sharathi Mallick
Pro- Vice Chancellor

Dr. T. Jayabarathi
Registrar



CONVENERS

Dr. Jasmin Pemeena Priyadarisini M
DEAN, SENSE
Dr. Sakthivel R
ASSO. DEAN, SENSE





SENSE IDEA-THON '26 'Make in Sense'

School of Electronics Engineering (SENSE)
In Collaboration with
Office of Students' Welfare



ABOUT IDEA-THON

SENSE IDEA-THON-2026 (ONLY FOR PHD SCHOLARS)

This forum is an exclusive opportunity for PhD students who have submitted their thesis within the past 1 year (after 1st Feb 2025) or are nearing completion to present their cutting-edge research, share insights, and engage with peers and experts in the field. This forum provides a platform to showcase your work, gain valuable feedback, and establish connections with fellow researchers and industry professionals. We invite entries from eligible young researchers across India to participate in the SENSE- IDEA-THON-2026 and seize this chance to share their research endeavors with the community.

ELIGIBILITY

Any PhD student who have submitted their thesis within the past 1 year (after 1st Feb 2025) from a recognized University or Institute and researched topics pertinent to the conference is eligible to participate.

PRIZE POOL

An exciting prize pool of ₹25k

HOW TO SUBMIT:

Extended abstract of the thesis as per the template provided below should be submitted via the given submission link in PDF format only.

ABSTRACT TEMPLATE: <https://tinyurl.com/4y48u2du>
PRESENTATION TEMPLATE: <https://tinyurl.com/yumdpsfs7>

FEES (per member)

(Including GST)

For PHD Students: Rs 236/-

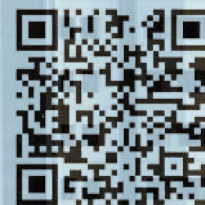


Team Size: 1 Member
[Research Scholars Only]

Registration Link



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



VISIONARIES

Coordinators

Dr. Jasmin Pemeena Priyadarisini M
DEAN, SENSE
Dr. Sakthivel R
ASSO. DEAN, SENSE

Student Coordinators

Siya (+91 9886521327)
Yuval Gupta (+91 7406998244)

GUIDELINE FOR SUBMISSION

- The extended abstract must strictly adhere to the provided template and be in PDF format only. The font size should be a minimum of 10pt, using the Times New Roman font. The document should not exceed three pages, inclusive of tables, diagrams, and references (if any).

- All documents must be submitted in PDF format exclusively.

Important Dates:

- Submission Deadline: 28th March 2026
- Announcement of Shortlisted entries: 29th March 2026



01 April 2026



Anna Auditorium(CS HALL)

TRACKS

1. Industry 4.0 and IT-OT Integration
2. Sensors & Software Defined Vehicles (SDV)

VISIONARIES

Convenors

Dr. Jasmin Pemeena Priyadarisini M
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Faculty Coordinators

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Dr. Vijendra Babu D

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Anannya (+91 7060500198)

PRIZE POOL

An exciting prize pool of
₹25k and an internship
opportunity for deserving
teams.

INDUSTRY COLLABORATORS



TECHNICAL COLLABORATORS



Basic electronic components will be provided upon prior intimation of requirements.

FEES (per team)

(Including GST)
For External Participants: Rs
590/-
For VIT Students: Rs 354/-
Team Size: 2-4 Members

Registration
Link

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



SENSE HACK-A-THON '26 'Make in Sense'

School of Electronics Engineering (SENSE)

In Collaboration with


Office of Students' Welfare


ABOUT HACK-A-THON

SENSE Hack-a-thon 2026 focuses on advancing technological innovation in the automotive and industrial domains, built around two themes, while aligning with Quality Education, Industry, Innovation and Infrastructure, and Sustainable Cities and Communities.

Industry 4.0 and IT-OT Integration connects software technologies such as cloud computing and analytics with industrial systems including PLCs, sensors, and robotics, using IoT, embedded systems, and protocols like CAN and OPC-UA to enable smarter, more connected, and efficient industrial ecosystems.

Sensors and Software Defined Vehicles (SDV) emphasize software-controlled vehicles driven by real-time sensor data, leveraging technologies such as Embedded C/C++, CAN, ROS, sensor fusion, and microcontrollers to build intelligent, adaptive, and future-ready mobility solutions that drive next-generation advancements.

 31 March – 01 April 2026

 Anna Auditorium

SENSE DESIGN-A-THON '26 'Make in Sense'


School of Electronics Engineering (SENSE)
In Collaboration with
Office of Students' Welfare

ABOUT DESIGN-A-THON

SENSE Design-a-thon '26 is a 48-hour innovation challenge by the School of Electronics Engineering, VIT Vellore, where participants solve real-world problems through hardware and embedded system design, while aligning with Quality Education, Industry, Innovation and Infrastructure, and Sustainable Cities and Communities.

It features four tracks: FPGA programming for high-speed digital systems, Curiosity Nano board programming for embedded and IoT applications, VLSI system design using RTL, and analog/digital circuit development with discrete components, focusing on strong fundamentals in electronics.

The event promotes teamwork, rapid prototyping, and hands-on problem solving, encouraging participants to build innovative and scalable solutions with real-world impact.

 31 March – 01 April 2026

 Anna Auditorium

TRACKS

1. FPGA programming
2. Curiosity Nano Board Programming*
3. RTL Design
4. System design with Discrete component

PRIZE POOL

An exciting prize pool of ₹25k and an internship opportunity for deserving teams.

*Teams using Microchip Curiosity Nano Boards stand to win an additional prize worth ₹1 lakh.

INDUSTRY COLLABORATORS



MICROCHIP



TECHNICAL COLLABORATORS



Basic electronic components will be provided upon prior intimation of requirements.

VISIONARIES

Convenors

Dr. Jasmin Pemeena Priyadarisini M
DEAN, SENSE
Dr. Sakthivel R
ASSO. DEAN, SENSE

Faculty Coordinators

Dr. S Sridevi
Dr. Rajeev Pankaj N

Student Coordinators


Avni Jain (+91 9606828672)
Shaurya Saini (+91 7093175140)

FEES (per team)

(Including GST)

For External Participants: Rs
590/-

For VIT Students: Rs 354/-

 Team Size: 2-4 Members

Registration
Link

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



SENSE MAKE-A-THON '26 (Antenna-Thon) 'Make in Sense'


School of Electronics Engineering (SENSE)
In Collaboration with
Office of Students' Welfare


ABOUT MAKE-A-THON

SENSE MAKE-A-THON (Antenna-Thon) 2026 is a 72-hour hardware hackathon focused on innovation in RF systems, antenna design, and electromagnetic technologies. Students and researchers collaborate to address modern wireless communication challenges through design, simulation, prototyping, and testing.

Teams work on themes such as 5G/6G communication, IoT, biomedical wireless systems, and intelligent electromagnetic structures with guidance from expert mentors.

The event concludes with teams presenting prototypes and system designs that demonstrate innovation, technical feasibility, and real-world applicability while aligning with Industry Innovation and Infrastructure, Sustainable Cities, and Good Health.

 31 March – 2 April 2026

 Anna Auditorium

TRACKS

1. Next Generation RF Antenna
2. Smart Wearable & Implantable Antennas
3. Intelligent RF Filtering Systems
4. Integrated Radar Antenna Systems
5. Advanced Electromagnetic Structures-FSS, RIS, Meta, AMC, EBG

PRIZE POOL

An exciting prize pool of ₹25k and an internship opportunity for deserving teams.

INDUSTRY COLLABORATORS



TECHNICAL
COLLABORATOR:



Basic electronic components will be provided upon prior intimation of requirements.

VISIONARIES

Convenors

Dr. Jasmin Pemeena Priyadarisini M
DEAN, SENSE
Dr. Sakthivel R
ASSO. DEAN, SENSE

Faculty Coordinators

Dr. Kannadassan D
Dr. Vinoth Babu K
Dr. Avinash Chandra

Student Coordinators

Vamsi Krishna (+91 9014007459)
Chinmay (+91 8829088865)

FEES (per team)


(Including GST)

For External Participants: Rs
590/-

For VIT Students: Rs 354/-

 Team Size: 2-4 Members

Registration
Link

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





SENSE MEDIC-A-THON '26 'Make in Sense'

School of Electronics Engineering (SENSE)
In Collaboration with
Office of Students' Welfare

ABOUT MEDIC-A-THON

Sense Medic-a-thon is a flagship 72-hour innovation challenge where students, designers, and innovators develop medical technology solutions for real-world healthcare problems presented by industries and organizations, while contributing to Good Health and Well-being, Industry, Innovation and Infrastructure, and Reduced Inequalities. The event includes challenge introductions, team ideation, and solution development, with guidance from mentors and healthcare experts, followed by final evaluation by a judging panel. Key focus areas include assistive device technologies, rehabilitation robotics, wearable medical devices, and digital health, encouraging impactful and accessible healthcare innovations.

 **31 March – 2 April 2026**

 **Anna Auditorium**

TRACKS

1. Assistive device technologies
2. Rehabilitation robotics
3. Wearable medical devices
4. Digital health

PRIZE POOL

An exciting prize pool of ₹25k and an internship opportunity for deserving teams.


FEES (per team)

(Including GST)
For External Participants: Rs 590/-

For VIT Students: Rs 354/-

 Team Size: 2-4 Members

Registration
Link

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



VISIONARIES

Convenors

Dr. Jasmin Pemeena Priyadarisini M
DEAN, SENSE
Dr. Sakthivel R
ASSO. DEAN, SENSE

Faculty Coordinators

Dr. Sathya P
Dr. Sharmila N

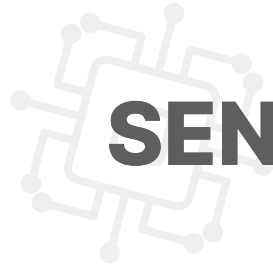
Student Coordinators

Aswinkarthick(+91 9865746560)
Keertika(+91 7023312002)

INDUSTRY COLLABORATOR



Basic electronic components will be provided upon prior intimation of requirements.



SENSE-A-THON '26

'Make in Sense'

S.No	Event Name	Event Duration	Registration Fee per Team(Including GST)	
			External Participants	VIT Students
1	SENSE Idea-thon	31-03-2026 to 01-04-2026	Not Applicable	Rs 236/-
2	SENSE Hack-a-thon	31-03-2026 to 01-04-2026	Rs 590/-	Rs 354/-
3	SENSE Design-a-thon	31-03-2026 to 01-04-2026	Rs 590/-	Rs 354/-
4	SENSE Make-a-thon	31-03-2026 to 02-04-2026	Rs 590/-	Rs 354/-
5	SENSE Medic-a-thon	31-03-2026 to 02-04-2026	Rs 590/-	Rs 354/-