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

SELECT
(School of Electrical Engineering)

SELECT MAKEATHON 2027

OFFICIAL OUTREACH BROCHURE



19th to 20th January, 2027

Vellore Institute of Technology

Anna Auditorium

Vellore, Tamil Nadu - 632014



ABOUT VIT

Vellore Institute of Technology (VIT) is a leading institution recognised for excellence in education, research, and innovation. Accredited with an A++ grade by NAAC, VIT was ranked 14th among universities and research institutions, and 16th among engineering institutions in India in the NIRF 2025 rankings. With a diverse student community, advanced research facilities, and strong international collaborations, VIT fosters technological innovation, interdisciplinary learning, and entrepreneurship, making it an ideal platform for Makeathon.

QS WORLD UNIVERSITY RANKINGS
BY SUBJECT 2026

Electrical and Electronics Engineering

Rank 87 in the world
Rank 6 in India

ABOUT SELECT

The School of Electrical Engineering (SELECT) at VIT excels in education, research, and innovation. Its B.Tech. programmes are accredited by ABET and hold six-year NBA accreditation, while all UG and PG programmes are accredited by the IET, U.K With advanced laboratories and strong industry collaborations, SELECT provides an ideal foundation for technological innovation.
Makeathon '27 is organised by SELECT, VIT Vellore.

ABOUT MAKEATHON

The SELECT Makeathon is a flagship annual innovation program featuring 36 - hour intensive challenge where students, designers, and technology enthusiasts develop real-world solutions to problem statements from industry partners and innovators. The event includes structured challenge briefings, team-based ideation, problem analysis, and end-to-end prototype development around hardware and software domains. Teams refine their solutions through iterative feedback and technical guidance from subject-matter experts associated with each challenge. Projects are evaluated by a distinguished panel of judges, with exceptional solutions recognized for innovation, technical feasibility. and impact. The SELECT Makeathon serves as a dynamic platform for experiential learning and interdisciplinary collaboration, engaging over 50 teams annually and fostering a strong culture Of engineering innovation.

- **100+ Teams**
- **500+ Participants**
- **30+ Industrial Judges**
- **30+ Colleges**
- **National Level Participation**
- **Students, Researchers, and Professionals**



MAKEATHON TRACKS

FaultWatch :
Predicts machine through real- time monitoring and intelligent automation.

Vitalis :
Enhances human safety through intelligent wearables and biomedical sensing .

Cosmolith :
Connects devices and enables autonomous navigation through wireless technologies.

Live Wire :
Optimizes clean energy, Smart grids and Battery systems for a sustainable future.

CogniForge :
Powers edge intelligence through AI , Computer vision, Accelerated Computing and hardware security.

OPEN INNOVATION

WHY MAKEATHON?

- **Structured Challenge Briefings**

Participants receive well-defined challenge statements directly from industry.

- **End-to-End Prototype Development:**

From hardware builds to full-stack software solutions, teams develop functional prototypes within the 36-hour sprint.

- **Expert Mentorship & Technical Guidance:**

Industry professionals and subject-matter experts provide continuous feedback to improve feasibility , innovation and scalability.

- **Distinguished Jury Evaluation:**

Projects are assessed by a renowned panel of 30+ industrial Judges on the basis of innovation. technical depth, feasibility, and impact.

- **Opportunity for Patent Filing:**

Participants with novel and potentially patentable ideas may receive support from VIT in pursuing patent filing, subject to applicable terms and eligibility requirements.

- **Business Incubation:**

Promising ideas may opt to receive business-incubation support to help develop them into viable ventures.





RULES AND REGULATIONS

To ensure a smooth and enjoyable hackathon experience, please review the following contest rules:

ELIGIBILITY REQUIREMENTS

We strive for an inclusive and compliant event open to:

- Teams of 3 to 5 members
- Undergraduate Students
- Research Scholars & Working Professionals

Registration fees:
VIT Students: Free
External Participants: ₹500 per person

CODE OF CONDUCT & RESPONSIBILITY

- All participants are expected to handle equipment, tools, and venue property with utmost care and responsibility. Any intentional or negligent damage to hardware, infrastructure, or facilities will be the responsibility of the individual or team involved and may lead to penalties or disqualification.
- Any form of bullying or harassment will result in immediate removal from the venue.
- The use Of drugs, alcohol, or smoking within the venue premises is strictly prohibited. If any member of a team is found violating this rule, the entire team will be disqualified and required to vacate the venue immediately.

PRIZES & AWARDS

- The total prize pool for the competition is **₹1,00,000**
- Top projects win prizes as mentioned, while all teams who participate will receive **digital certificates.**
- Winners are chosen based on **judging criteria** provided before the event.
- **Prizes** are awarded to the **team** as a whole.
- The competition encourages **Innovation, collaboration,** and **inclusivity** within the tech community.

RIGHTS & OWNERSHIP

• Participants retain full **ownership** of their projects.
• By participating in the event, participants grant the organizers a **non-exclusive, worldwide, royalty-free license** to use submissions for promotional and educational purposes.
•Organizers reserve the right to enforce the contest rules. By registering and submitting, you agree to all **terms and policies** stated here, ensuring a fair and transparent process.



MAKEATHON 2027

DATES
19 - 20th January 2027

VENUE
Anna Auditorium, VIT Vellore

ORGANISERS
Faculty Conveners:
Dr. K Satish Kumar
Dr. Marimuthu R

Student Conveners:
Prakul K Hebbur
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