



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

ASCE
STUDENT CHAPTER
Vellore Institute of Technology

SCHOOL OF CIVIL ENGINEERING

IN ASSOCIATION WITH
AMERICAN SOCIETY OF CIVIL ENGINEERS

PRESENTS

AAKKAM'26

SEPTEMBER 24TH & 25TH, 2026

SPONSERED BY



Bentley
Education



VENUE :
VIT VELLORE

Engineering Intelligent
Solutions for a

Greener Tomorrow

ABOUT AAKAM

Aakkam, derived from the Tamil word for “Creation,” is a premier technical event organized by the ASCE Student Chapter at VIT, Vellore. Setting a benchmark for technical festivals, this inaugural event features a lineup of uniquely challenging and inventive competitions. It stands as an extraordinary showcase of engineering creativity, innovation, and student excellence.

ABOUT VIT

VIT was established to provide quality higher education on par with international standards. It consistently adopts innovative methods to enhance learning. The campus has a cosmopolitan atmosphere with students from across the globe, guided by experienced faculty who nurture their growth. Global standards in teaching and research drive our pursuit of excellence, making it a way of life. Our motivated students are a source of pride, and our Memoranda of Understanding with International Universities strengthen student and faculty exchanges, as well as joint research projects. Many of our students pursue research abroad, bringing distinction to India. With steady progress, we continue our march forward and look forward to welcoming you to VIT, where innovation thrives.

ABOUT SCE

The School of Civil Engineering (SCE), VIT is a leading centre for civil engineering education, research, and innovation, with 45 distinguished faculty members, advanced laboratories, and strong industry and international collaborations. SCE actively undertakes R&D and consultancy projects with reputed organisations and government agencies. VIT's Engineering & Technology was ranked Top 6 in India and Top 119 globally in QS University Rankings 2026, while Civil Engineering was ranked Top 8 in India and 201-275 globally by The QS University Rankings 2026.

ABOUT ASCE

The American Society of Civil Engineers (ASCE) – VIT Student Chapter is a vibrant student-led organization dedicated to advancing the field of civil engineering through technical excellence, innovation, and professional development. The chapter serves as a platform for aspiring engineers to bridge the gap between academic learning and industry practices by organizing workshops, expert lectures, technical competitions, site visits, and community engagement activities. Through these initiatives, ASCE nurtures leadership, teamwork, problem-solving skills, and global professional networking, empowering students to become competent and responsible civil engineers committed to building a sustainable future.



24TH
SEPT
2026

ARCHQUEST MASONRY CHALLENGE

Build a self-supporting masonry arch using only the provided bricks, sand, and water, with a keystone as the final locking element. The completed arch will be load-tested to assess strength, stability, workmanship, teamwork, and understanding of compression and load transfer

(Max: 5) Event Fees - Rs. 500 (per Team)

PRIZE POOL 10K

CIVIL ARENA CIVIL ENGINEERING QUIZ

A fast-paced Civil Engineering Quiz covering structures, geotechnics, transportation, environmental engineering, construction management, surveying, hydraulics, and general aptitude. Test your technical knowledge, problem-solving ability, and quick thinking against the best!

(Max:3) Event Fees - Rs. 100 (per Individual)



24TH
SEPT
2026



24TH
& 25TH
SEPT

DESIGNFORGE 3.0 DESIGN BEYOND BOUNDARIES

Design Forge 3.0 is a hands-on STAAD.Pro workshop cum competition conducted in collaboration with Bentley Systems and Tech Apps. It provides participants with practical exposure to structural modelling, analysis, and design using STAAD.Pro, followed by a competitive challenge to apply their skills to a real-world structural engineering problem.

(Max:3) Event Fees - Rs. 200 (per Individual)

PRIZE POOL 20K

PRIZE POOL 10K ZERONET TECHNICAL POSTER CHALLENGE

ZeroNet – Technical Poster Challenge invites participants to develop creative and technically sound solutions for sustainable, net-zero infrastructure. Topics will be provided during the competition, challenging participants to research, conceptualize, and present their ideas through an engaging technical poster.

(Max:3) Event Fees - Rs.100 (per Individual)



25TH
SEPT
2026



24TH
SEPT
2026

KINETIX GEOMETRY UNFOLDED

Design and build a deployable load-bearing structure that fits within 30 × 30 × 30 cm, weighs under 2.5 kg, and deploys in 30 seconds without electronics or motors. The structure must lock into a rigid frame capable of carrying up to 20 kg, testing creativity, geometry, and structural engineering skills

(Max: 4) Event Fees - Rs. 400 (per Team)

PRIZE POOL 10K

REINFORCEX FROM DRAWING TO REALITY

A hands-on structural engineering challenge where participants interpret structural drawings and reinforcement details to build accurate scaled reinforcement models using the provided materials. The event tests their ability to translate classroom knowledge into real-world construction practices

(Max: 3) Event Fees - Rs. 400 (per Team)



25TH
SEPT
2026

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. G. Viswanathan, 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

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Dr. Partha Sharathi Mallick, Pro-Vice Chancellor

Dr. Jayabarathi T, Registrar

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Dr. CD Naiju, Director, Student Welfare

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Dr. A. Sofi, Associate Dean, SCE

Dr. Dillip Kumar Barik, Head, EWRE

Dr. S. Bala Murugan, Head, SGE

ORGANISING SECRETARY

DR. A. Sofi, Faculty Coordinator, ASCE

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in American Society
of Civil Engineers
(VIT)

