Report

on

Engineer's Day

10/09/2026 - 11/09/2026

9:00 AM-4:15 PM

Shree Swaminarayan Institute of Technology, Bhat, Gandhinagar

Engineers' Day 2K26

Following the high-energy conclusion of Hackhertz 2.0, Shree Swaminarayan Institute of Technology, Bhat, Gandhinagar hosted its flagship **Engineers' Day 2K26** celebration on **10th September 2026 (Thursday)**, marking the birth anniversary of **Bharat Ratna Sir M. Visvesvaraya**, one of India's greatest engineers and nation-builders. The celebration was organized under the theme **"Igniting Minds"**, bringing together students from every engineering branch for a full day of technical, creative, and team-based competitions designed to honor the spirit of innovation, service, and engineering excellence that Sir Visvesvaraya embodied.

In keeping with his own words — *"To give real service, you must add something which cannot be bought or measured with money"* — SSIT curated a diverse set of ten events spanning core engineering disciplines, cybersecurity, robotics, quizzing, and team-building, ensuring participation opportunities for students across Computer Engineering, Computer Science Engineering, Information Technology, Mechanical Engineering, Civil Engineering, BCA, and MCA. The day's events were structured around the guiding principles displayed on the institute's own banner: **Think. Innovate. Build. Inspire.**

The overall organization of Engineers' Day 2K26 reflected a well-rounded blend of technical rigor and creative engagement — ranging from hands-on engineering challenges like Model Making and Bridge Making, to technology-driven competitions such as the Cyber Heist CTF and Bug Finding Challenge, to team-building and recreational formats like Corporate Roadies and College Esports. This diversity ensured that the celebration was not merely a technical showcase but a holistic tribute to engineering as a discipline — one that values creativity, service, collaboration, and problem-solving in equal measure. Building on the momentum generated by Hackhertz 2.0 earlier in the week, Engineers' Day 2K26 broadened participation to the entire student body, marking a fitting and memorable culmination to the institute's celebration week.

Objective

- To commemorate the legacy and contributions of Sir M. Visvesvaraya and instill his values of practical, service-driven engineering among students
- To provide a platform for students across all branches to showcase technical skill, creativity, and innovation outside the regular classroom setting
- To encourage healthy competition, teamwork, and cross-branch participation through a mix of technical, strategic, and recreational events
- To bridge the gap between theoretical learning and hands-on, applied engineering through model-making, bridge-building, bug-finding, and project exhibitions
- To promote interest in emerging technology areas such as AI/ML, Cyber Security, IoT, Robotics, and Cloud Computing through the poster/project exhibition and CTF events

Scale and Structure

The celebration comprised **ten flagship events** running through the day at various venues across the SSIT campus:

1. Instant Model Making Challenge
2. Introduction to College Esports
3. Ultimate Genius of SSIT (Quiz)
4. Robo Akhada 2K26
5. Corporate Roadies
6. Cyber Heist: The Lost Vault (Capture the Flag)
7. Model Making Challenge – 1st Year
8. Bug Finding Challenge 2K26
9. Poster / Project Exhibition
10. Bridge Making

Significance

Engineers' Day 2K26 served as the centerpiece of the celebration week, following directly from the momentum built by Hackhertz 2.0. Where the hackathon tested sustained, overnight technical execution, Engineers' Day broadened participation to the entire student body through a single-day, multi-event format — ensuring that students from every branch and year, not just those inclined toward coding, had a meaningful avenue to engage, compete, and celebrate the spirit of engineering.

Schedule — Engineers' Day 2K26

Sr. No	Date	Event Name	Time	Venue
1	10/9/2026 (Thursday)	Quiz	09:30 AM to 11:30 AM	Wing A (Ground Floor- Classroom- 05)
2		E-Sports	09:30 AM to 01:00 PM	Wing B (First Floor- Classroom- 101,102)
3		Cyber Heists The Lost Vault	01:30 PM to 03:30 AM	Wing a (Second Floor- Lab no- 202 & SSIT Campus)
7	11/9/2026 (Wednesday)	Model Making Challenge (1st Year)	09:30 AM to 11:30 AM	Wing B (Third Floor- Corridor)
8		Bug Finding		Wing a (Second Floor- Lab no- 215, 217)
9		Poster/Project Expo.		Wing B (Ground Floor- Corridor)
10		Instant Model Making (Mechanical)	11:30 AM to 01:00 PM	Wing B (First Floor- Corridor)
11		Bridge Making(Civil)	11:30 AM to 01:00 PM	Wing B (First Floor- Corridor)
12		Break	01:00 PM to 01:50 PM	-
13		Corporate Roadies	01:50 PM to 3:30 PM	Wing A (Ground Floor- Classroom- 04)
14		Robo Akhada	01:50 PM to 3:30 PM	Wing B (Volleyball- Court)
		Price Distribution	3:45 PM to 4:15 PM	Seminar Hall

Overview of Engineers' Day 2K26 Events

To bring the spirit of Sir M. Visvesvaraya's engineering legacy to life, SSIT Bhat, Gandhinagar organized ten distinct events on 10th September 2026, spread across multiple venues on campus and running through the course of the day. Each event was thoughtfully designed to cater to a specific mix of branches, interests, and skill sets — from hands-on mechanical fabrication to cybersecurity puzzle-solving to purely recreational team-building — ensuring that the celebration was not confined to any single department or discipline. Together, these ten events transformed Engineers' Day 2K26 into a genuinely campus-wide festival of engineering talent, creativity, and collaboration.

1. Instant Model Making Challenge

Reserved exclusively for students of the Mechanical Engineering branch, this event challenged participants to build a model entirely on the spot, using only the props and materials handed to them at the venue — with no prior design or preparation allowed. The format was deliberately designed to simulate the kind of quick, resourceful thinking engineers often need in real prototyping scenarios. Judges evaluated entries on creativity, functionality, and how effectively participants made use of the limited materials provided, and each team concluded with a short verbal presentation explaining their model's design and purpose.

2. Esports

Open to students from all branches, this event marked the formal introduction of competitive gaming to the SSIT campus, featuring popular titles such as BGMI, Free Fire, and Deadshot. Beyond entertainment, the event was framed as a genuine test of skill, in-game strategy, and coordinated teamwork, with organizers laying strict emphasis on fair play and sportsmanship — explicitly prohibiting cheating and unfair practices to keep the competitive spirit clean and inclusive for gaming enthusiasts across the college.

3. Quiz

Designed as a fast-paced test of intellect, this online quiz was open to all branches and covered General Knowledge, Aptitude, and Reasoning. Conducted on mobile devices with internet access, the quiz awarded ten points per correct answer within a strict thirty-second window per question, rewarding both accuracy and speed. Coordinators enforced firm rules around conduct and language, with their rulings treated as final, ensuring the quiz remained a fair and disciplined test of sharp, quick thinking.

4. Robo Akhada 2K26

Themed around the tagline "Code. Build. Battle. Win.," Robo Akhada 2K26 was one of the most high-energy events of the day, turning the campus into a robotics battle arena. Student teams built remote-operated robots and pitted them head-to-head in direct combat, requiring not only sound engineering to withstand physical impact — including robust armor construction — but also sharp operational skill to out-maneuver and outlast opposing robots in real time. Open to all enthusiasts and innovators, the event combined mechanical design, electronics, and competitive strategy in equal measure.

5. Corporate Roadies

Blending fun with team dynamics, Corporate Roadies was structured as a lively charades-style competition where participants had to act out corporate-themed words or situations without uttering a single word, while their teammates raced against a sixty-second clock to guess correctly. Open to all branches, the event was less about technical skill and more about non-verbal communication, quick thinking, and team synergy, offering a refreshing, high-energy break from the day's more technically intensive events while still reinforcing collaborative problem-solving.

6. Cyber Heist: The Lost Vault (Capture the Flag)

Organized by the SSIT Cybersecurity Club, this event reimagined the traditional Capture-the-Flag format as an immersive campus-wide "heist" experience. Teams of four raced to crack mind-bending puzzles, decode hidden clues, hunt for secret checkpoints scattered across the campus, and solve cybersecurity and logic challenges — all under a ticking clock — with the ultimate goal of unlocking a symbolic "final vault." The event tested a potent combination of teamwork, logical reasoning, observation, and speed, giving participants a taste of real-world cybersecurity investigation in a gamified, competitive setting.

7. Model Making Challenge – 1st Year

Tailored specifically for first-year engineering students, this event eased newcomers into the world of hands-on engineering by tasking teams of two to five with building a working or demonstration model within a tight budget of just ₹100, using waste and recycled materials. With two to three hours allotted for preparation ahead of the event and a brief five-minute demo window per team, the challenge emphasized foundational creativity, resourcefulness, and basic engineering concepts — introducing first-years early to the philosophy of doing more with less.

8. Bug Finding Challenge 2K26

Centered on the theme "Detect. Analyze. Debug. Win.," this event placed participants in the role of software testers, tasking them with identifying and reporting genuine bugs in a given application, website, or codebase. Participants examined login systems, forms, calculations, navigation, and database functions across languages including C, Java, HTML, and Python, and were required to submit structured bug reports complete with steps to reproduce, expected versus actual results, and supporting evidence — with accurate bug identification alone accounting for 80% of the total score, reinforcing the value of precision over guesswork.

9. Poster / Project Exhibition

Held under the banner "Ideas to Impact," this exhibition opened its doors to students across seven programs — CE, IT, CSE, MECH, CIVIL, BCA, and MCA — inviting them to showcase original projects, prototypes, research, and software solutions. Displays spanned a wide range of contemporary domains, including AI/ML, Cyber Security, IoT, Cloud Computing, Robotics, VLSI, Electric Vehicles, Smart Cities, and Healthcare. Each team was given two to four hours to set up and present, with a focused five-to-ten-minute demo for evaluators, who judged entries on innovation, technical depth, quality of implementation, and real-world impact.

10. Bridge Making

A classic test of core structural engineering principles, this event challenged teams of two to four participants to design and construct a bridge using only low-cost materials. Completed structures were rigorously tested for strength, stability, and load-bearing capacity, with judges factoring in truss design, load distribution, compression, tension, and overall material strength — with load-bearing performance alone contributing thirty percent of the final evaluation, ensuring that functional, real-world durability was rewarded just as much as design creativity.

Collectively, these ten events reflected the institute's guiding philosophy of **"Think. Innovate. Build. Inspire."** weaving together technical depth, creative engineering, cybersecurity exposure, and collaborative fun into a single, cohesive celebration. In doing so, Engineers' Day 2K26 stood as a true, campus-wide tribute to the practical, service-driven spirit of Sir M. Visvesvaraya — one that engaged every branch, every year, and every kind of student talent under one unified theme.

Summary

Shree Swaminarayan Institute of Technology, Bhat, Gandhinagar successfully organized a three-day celebration marking **Engineers' Day 2K26**, spanning **10th to 11th September 2026**, and bringing together students from across Computer Engineering, Computer Science Engineering, Information Technology, Mechanical Engineering, Civil Engineering, BCA, and MCA departments. The celebration opened with **Hackhertz 2.0**, a 2-day overnight inter-college hackathon held on 8th–9th September under the aegis of SSIP and the Institution's Innovation Council, and culminated in the flagship **Engineers' Day 2K26** celebration on 10th September, held in tribute to Bharat Ratna Sir M. Visvesvaraya's birth anniversary under the theme "Igniting Minds."

Hackhertz 2.0 saw participating teams from multiple colleges compete overnight across six challenge domains — Cybersecurity, AI/ML, DefenceTech, Open Innovation, EdTech, and CrisisTech — ideating, building, and presenting functional prototypes to address genuine, real-world problems. The hackathon gave students an authentic, industry-style build experience, fostering innovation, rapid execution, and teamwork well beyond the scope of regular classroom learning.

Engineers' Day 2K26, held on 10th September, broadened participation to the entire student body through ten diverse events — Instant Model Making Challenge, Introduction to College Esports, Ultimate Genius of SSIT (Quiz), Robo Akhada 2K26, Corporate Roadies, Cyber Heist: The Lost Vault (CTF), Model Making Challenge for 1st Years, Bug Finding Challenge 2K26, Poster/Project Exhibition, and Bridge Making. This range of events ensured that every student, regardless of branch or year, had a platform to engage — whether through core engineering fabrication, cybersecurity puzzle-solving, technical exhibitions, or team-building and recreational activities.

Together, Hackhertz 2.0 and Engineers' Day 2K26 formed a cohesive, week-long celebration of innovation, technical skill, and collaborative spirit — directly reflecting the institute's guiding philosophy of "Think. Innovate. Build. Inspire." and pay fitting tribute to Sir M. Visvesvaraya's own belief that true engineering service adds value beyond what can be measured in money.

We would like to express our special thanks to our Principal Sir, Dr. Ranjit Kumar, for giving the opportunity to organize this wonderful series of events.

We would also like to express our sincere gratitude to our Principal Sir, **Dr. Ranjit Kumar**, for giving us the opportunity to organize this wonderful celebration week, and to our respected Heads of Departments, **Dr. Ramesh T. Prajapati (H.O.D., I.T.)**, **Dr. Darshan P. Patel (H.O.D., C.E.)**, and **Prof. Niraj Thakor (H.O.D., C.S.E.)**, for their constant guidance and support. We would also like to thank all the Faculty Coordinators and Faculty Members, along with the Student Coordinators of both Hackhertz 2.0 and Engineers' Day 2K26, for their dedicated efforts, tireless coordination, and invaluable contribution towards the successful execution of this entire celebration week.

Photos







