

**ST. THOMAS INSTITUTE FOR SCIENCE
AND TECHNOLOGY**

ISTE STUDENT CHAPTER: KE062
ANNUAL REPORT 2025-26

Prepared & verified by: Dr. Anu Babu ISTE Faculty Advisor	Approved by: Dr. A.G. Mathew Principal
---	--

Academic Year 2025-26 Program List

Sl No:	Event	Date	Page No:
1	Expert Talk on "Redesign Technology by Innovation"	22/10/2025	3
2	Workshop on 3D Printing IOT & Robotics	16/12/2025	3
3	Circuit Debugging	23/01/2026	4
4	IOT Code Correction	23/01/2026	5
5	IDEASPRINT – Business Plan Competition	24/01/2026	5
6	PROMISING CHAPTER AWARD	30/01/2026	6
7	Hands-on Workshop on “Python for Real-World Applications”	05/02/2026	7
8	Industrial Visit to Kerala Electrical and Allied Engineering Co. Ltd. (KEL)	06/02/2026	8
9	Space Tech Expo	06/03/2026	8
10	Project Competition	24/03/2026	9

REPORT 2025-26

The ISTE Student Chapter of STIST is one of the active committees of the St. Thomas Institute for Science & Technology. . Students organized a variety of programs under the ISTE Student Chapter. ISTE student chapter received ‘Promising Chapter Award’ on 30/1/26

Expert Talk on Redesign Technology by Innovation

The ISTE Student Chapter organized an engaging session on “Redesign Technology by Innovation” on 22 October 2025 at 10:00 AM with the objective of inspiring students to rethink existing technologies and develop innovative solutions for real-world challenges. The session emphasized the importance of creativity, critical thinking, and innovation in engineering practices. Dr. Lino A. Tharakan, Assistant Professor, MIT Ayoor handled the session.



Workshop on 3D Printing IOT & Robotics

The ISTE Students Chapter of St. Thomas Institute for Science & Technology organized an engaging workshop on 3D Printing, Internet of Things (IoT), and Robotics on 16 December 2025, aimed at introducing students to modern engineering technologies and their real-world applications. The session focused on emerging trends in automation, smart systems, and industrial innovations, providing students with valuable practical insights beyond classroom learning. The resource person, Adwaid P, delivered the session in an interactive manner, using real-life examples to enhance understanding and encourage participation, making the program both informative and impactful.



Circuit Debugging

The Circuit Debugging Competition, conducted on 23 January 2026 as part of YUKTHI, the technical fest of STIST, was jointly organized by the ISTE Students Chapter and the Department of Electronics and Communication Engineering (ECE). The event aimed to enhance students' practical skills in analyzing, troubleshooting, and debugging electronic circuits through hands-on problem-solving, enabling them to apply theoretical knowledge in real-time scenarios. A total of 23 students registered and actively participated, demonstrating strong technical aptitude and enthusiasm. Cash prizes of ₹2000 and ₹1000 were awarded to the first and second prize winners respectively. The event was effectively coordinated by student coordinators Gokul Suresh A, Varsha M S, and Nevin Jacob, under the guidance of faculty coordinators Dr. Anju S and Dr. Anu Babu, ensuring its smooth conduct and overall success.



IOT Code Correction

The Arduino Code Correction Competition, organized by the Association of Electronics and Communication Engineering and the ISTE Students Chapter as part of YUKTHI on 23 January 2026, provided a rigorous platform for 14 participants to refine their skills in embedded systems and logical debugging. Centered on troubleshooting an Automatic Safety Traffic Light System, the event challenged students to identify syntax errors and optimize program logic to ensure functional safety and performance. Under the mentorship of faculty coordinators Dr. Anju S and Dr. Anu Babu, and student coordinators Shane Mammen and Lekshmi K B, the competition successfully bridged theoretical coding with practical problem-solving, concluding with the distribution of cash prizes of ₹2000 and ₹1000 to the winners.



IDEASPRINT – Business Plan Competition

The IDEASPRINT – Business Plan Competition, held on 24 January 2026 in association with the ISTE Students Chapter, was a vibrant and inspiring outreach initiative aimed at nurturing entrepreneurial thinking among school students. The event created an exciting platform for young innovators to present creative and impactful business ideas addressing real-world challenges across domains such as sustainable technologies, smart systems, digital services, and product-based startups. The participants showcased remarkable originality, feasibility, and a strong sense of social relevance in their concepts. The presentations were evaluated by faculty members based on innovation, practicality, scalability, and clarity, ensuring a comprehensive assessment. The competition witnessed enthusiastic participation, dynamic idea exchange, and

engaging interactions, making it a truly enriching and motivating experience for budding entrepreneurs.



PROMISING CHAPTER AWARD

The ISTE Students Chapter of St. Thomas Institute for Science & Technology was honored with the Promising Chapter Award for the academic year 2024–25 by the ISTE Kerala Section on 30 January 2026. The award was presented during a formal event held at Mar Baselious College of Engineering and Technology, Thiruvananthapuram. This recognition highlights the chapter's active involvement in organizing technical programs, workshops, and student-centric initiatives that promote innovation, professional development, and engineering excellence. The achievement reflects the collective efforts and dedication of both students and faculty in strengthening the spirit and objectives of ISTE.





Hands-on Workshop on “Python for Real-World Applications”

The ISTE Students Chapter, in association with the Department of Electronics and Communication Engineering, successfully conducted a hands-on workshop titled “Python for Real-World Applications” on 05th February 2026 at the CCF Lab, STIST, for S8 ECE students. Led by Ms. Karuna, a Technical Trainer from Career Tech, the session offered a comprehensive dive into Python programming, moving from foundational syntax to industry-relevant applications like automation, data handling, and software development. By integrating live coding demonstrations with practical problem-solving exercises, the workshop empowered students to implement real-time solutions, effectively aligning their academic knowledge with the evolving technological demands of the engineering industry.



Industrial Visit to Kerala Electrical and Allied Engineering Co. Ltd. (KEL)

On February 6, 2026, the ISTE Students Chapter, in coordination with the Department of Electronics and Communication Engineering, facilitated a comprehensive industrial visit to Kerala Electrical and Allied Engineering Co. Ltd. (KEL) in Panampilly Nagar, Kochi, for the S6 ECE batch. The primary objective was to provide students with a front-row view of heavy-duty electrical machine manufacturing and the logistical intricacies of a large-scale industrial facility. To complement this technical exposure with holistic development, the itinerary was extended to include an experiential learning segment in Marayoor. This combination allowed students to contrast high-tech industrial environments with ecological and heritage contexts, fostering team-building and a deeper understanding of the engineer's role in diverse societal landscapes.



Space Tech Expo

The ISTE Students Chapter, working in tandem with the SYNERGY Electrical and Electronics Engineering Association and the YASYA College Arts Fest 2026, hosted a grand ISRO Expo on March 6, 2026, at the STIST Board Room. Designed to ignite scientific curiosity and celebrate India's milestones in space research, the exhibition welcomed a diverse audience of over 250 attendees, including college students and local school groups. The event featured a sophisticated collection of rocket models, satellite displays, propulsion systems, and launch vehicle replicas, providing a highly interactive environment for exploring the complexities of space technology. By showcasing the practical engineering and innovation behind modern space missions, the expo successfully bridged the gap between academic theory and the

frontiers of aerospace science, effectively inspiring the next generation of engineers to explore the vast possibilities of space exploration.



Project Competition



Driven by the ISTE Students Chapter and the Department of Electronics and Communication Engineering, a Project Exhibition and Competition was successfully staged on 24 March 2026 for S6 and S8 students at STIST. Transforming the departmental classrooms into a hub of technical ingenuity, the event provided an essential stage for students to exhibit their design capabilities and academic research through functional hardware and software prototypes. The competition was structured to rigorously test technical competence, fostering an environment where innovation and practical problem-solving were at the forefront of the student experience. By recognizing the most impactful engineering solutions with cash awards, the ISTE Chapter and the ECE department effectively underscored the importance of excellence in project development, further motivating students to align their creative efforts with real-world engineering standards.