



ORGANIZING UNITS: Sri Sairam Institute of Technology SB - STB03109
Sri Sairam Engineering College SB - STB60981

EVENT NAME : IEEE Xtreme Programming Competition 19.0

DATE : 25/10/2025 - 26/10/2025

VENUE: Alpha,Beta,Gamma Hall Sri Sairam Engineering College

TYPE OF THE EVENT: Technical

EVENT ID: SEC202509IEEE04

MODE OF EVENT: Offline

Objectives of the Event

The objective of the IEEE Xtreme Programming Competition 19.0 was to provide students with a global competitive platform to enhance their problem-solving abilities, logical thinking, and coding efficiency. The event aimed to encourage participants to apply theoretical knowledge to real-world programming challenges, improve teamwork, and gain exposure to international-level competitive programming standards.

Participants

A total of **3000+ students** from **Sri Sairam Engineering College** and **Sairam Institutions** registered and actively participated in the IEEE Xtreme Programming Competition 19.0 organized by Institute of Electrical and Electronics Engineers. Among them, **300+ students** were physically present on campus and coded continuously for **24 hours** at the college premises, while the remaining participants competed remotely from their respective homes. Overall, the competition witnessed **18,500+ participants worldwide**, reflecting its massive global reach. Students formed teams and worked collaboratively to solve a wide range of challenging programming problems throughout the competition, demonstrating strong problem-solving skills, teamwork, and technical competence.

Event Overview

IEEE Xtreme Programming Competition 19.0 is a globally recognized 24-hour hackathon-style programming contest organized by IEEE that brings together students from around the world to test their coding, analytical, and problem-solving abilities. The competition is conducted simultaneously across multiple countries, fostering a spirit of healthy competition, innovation, and technical excellence among young engineers.

At Sairam Institutions, the event was meticulously planned and executed to provide a professional and competitive environment for participants. The competition was hosted in the Alpha, Beta, and Gamma Halls, which were equipped with modern computing facilities, high-speed and uninterrupted internet connectivity, and continuous power backup to ensure a seamless experience. Dedicated technical support teams and IEEE volunteers were present throughout the 24-hour duration to assist participants and resolve any issues promptly.

Participants worked in teams and attempted a wide range of algorithmic and real-world problem statements that tested their understanding of data structures, algorithms, mathematics, logical reasoning, and optimization techniques. The problem sets encouraged innovative thinking and efficient coding practices under time constraints.

Faculty coordinators and IEEE Student Branch volunteers closely monitored the event, maintaining discipline and ensuring adherence to IEEE guidelines. Periodic announcements, refreshments, and rest arrangements were provided to keep participants motivated and comfortable. The overall organization of the event reflected the institution's strong commitment to promoting a robust coding culture and providing students with exposure to international-level technical competitions.

Benefits of the Event

The event benefited students by:

- Enhancing problem-solving and analytical thinking skills
- Providing hands-on experience in competitive programming
- Encouraging teamwork and collaborative learning
- Offering global exposure through an internationally recognized IEEE competition
- Improving confidence and technical proficiency.

Event Poster



SEC202509IEEE04



25.10.2025 & 26.10.2025 @ Alpha , Beta & Gamma Hall

RESOURCE PERSONS



DR. SAI PRAKASH LEOMUTHU
CHAIRMAN & CEO
SAIRAM INSTITUTIONS



DR. NIRMAL KUMAR C. NAIR
IEEE R11 DIRECTOR ELECT [2026-2027]
PROFESSOR
UNIVERSITY OF AUCLAND



DR.G.SARITHA
CO-ORDINATOR
IEEE SB COUNSELLOR
(SIT)

DR. S. SUBHA
CONVENER
IEEE SB COUNSELLOR
(SEC)

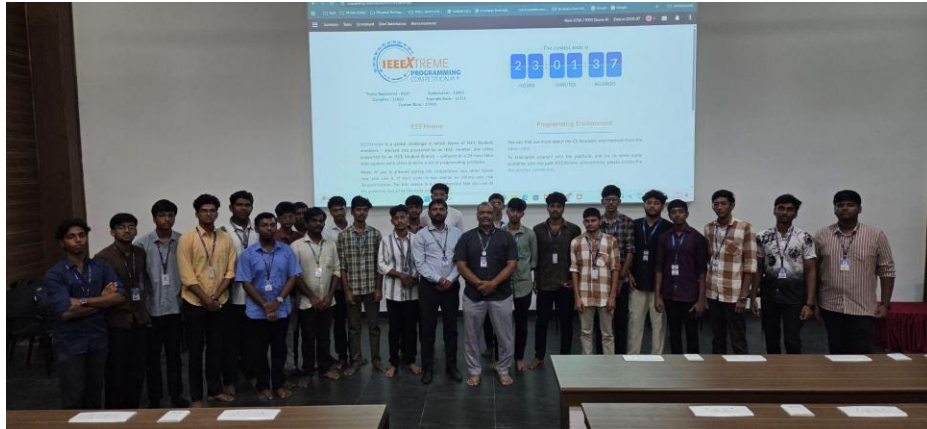
DR.K.PALANIKUMAR
PRINCIPAL / SIT

DR.J.RAJA
PRINCIPAL / SEC



MR. L.N. LEO MUTHU
Founder Chairman - Sairam Institutions

Event Photos



Outcome of the Event

The IEEE Xtreme Programming Competition 19.0 proved to be highly impactful in enhancing the technical competence and confidence of the participants. Students gained extensive hands-on experience in solving complex and diverse programming problems within strict time constraints, which significantly improved their logical reasoning, algorithmic thinking, and coding efficiency.

The event fostered a strong culture of competitive programming among students and encouraged them to explore advanced concepts in data structures, algorithms, and optimization techniques. Working in teams helped participants develop essential soft skills such as collaboration, communication, time management, and strategic planning.

Exposure to a globally conducted IEEE competition motivated students to benchmark their skills against international standards and inspired many to actively participate in future coding contests, hackathons, and IEEE technical initiatives. Overall, the event contributed to the holistic development of students by strengthening both their technical expertise and professional readiness.

Conclusion

The IEEE Xtreme Programming Competition 19.0 was successfully conducted and met all its intended objectives. The event offered an excellent opportunity for students to challenge themselves in a high-intensity competitive environment and gain valuable hands-on experience in advanced programming concepts. The enthusiastic participation, effective coordination by faculty members and IEEE volunteers, and strong institutional support contributed to the overall success of the event.

The enthusiasm for IEEE Xtreme 19.0 has been phenomenal, with over 18,500+ participants registered worldwide, showcasing the massive global reach and popularity of this prestigious competition.

The competition significantly strengthened the coding culture within the institution and inspired students to participate in future competitive programming events and IEEE initiatives, thereby reinforcing the commitment to technical excellence and professional growth.