SANKAR POLYTECHNIC COLLEGE

A Govt. Aided Autonomous Institution,
Approved by AICTE & Affiliated to DoTE

SANKAR NAGAR - 627 357

EVENT DATE :
07.03.2026
(Saturday)

I S T E

INDIAN SOCIETY FOR TECHNICAL EDUCATION TAMIL NADU SECTION
13th Annual ISTE Tamilnadu Section Polytechnic Student's Convention on
"AFFORDABLE AND CLEAN ENERGY"

About Institution

Sankar Polytechnic College was established in 1958, by Sri S.N.N. Sankarlinga Iyer of Kallidaikuruchi, Tirunelvelli Dist, a well-known industrialist and philanthropist, who was one of the founding Directors of India Cements Limited. Sri T.S. Narayanaswami personified a business culture and way of life that valued the nation and its citizens. He was a visionary and his entrepreneurship had a positive impact on industrialization in South India. He was a mentor to many luminaries and continues to be a source of inspiration for many.The history of the institution is engrained in the post independent era of India, when there was a huge demand for institutions imparting technical knowledge and skills, needed to support the rapid phase of industrialization of the nation. Located in close proximity to the pioneering plant of India Cements Ltd, we offer Diploma programs in the engineering disciplines of Mechanical, Civil, Electrical (EEE), Electronics (ECE) and Computer. With dedicated staff, well equipped workshops / labs and excellent infrastructure facilities, we offer a highly conducive atmosphere for learning to our students.

About ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, ISTE has a very huge membership of more than 128500 technical teachers, 535000 student members, more than 2740 institutional members (including IITs, IISc., NITs and other leading technical institutions), 1414 faculty chapters and 1505 students' chapters at National level and 19 Sections at State Level . The major objective of the ISTE is to provide quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organisations.

Themes

- Role of Green Computing in achieving affordable clean energy
- AI based renewable energy forecasting
- Cloud based energy management system
- Sustainable fuel technologies for clean and affordable energy production
- Advancement in Renewable energy generation Systems for sustainable power
- Waste heat Recovery System for improving energy efficiency and reducing energy costs
- Controller-Based Green energy power management System
- Smart Power regulation system for sustainable energy applications
- Electronic based solar power management system
- Green Hydrogen for energy Transition
- Emerging Trends and innovation in Renewable energy
- Role of E-Vehicle in clean energy
- Green Buildings
- Sustainable Construction Materials
- Solid waste management

EVENTS

Paper Presentation

Project Contest

About the Convention

The 13th Polytechnic level Convention is an academic and technical event organized for Polytechnic students to encourage innovation, technical skills, research culture, and industry interaction. It is usually conducted at the state level by the Directorate of Technical Education or by a host Polytechnic college. This convention provides a platform for students to showcase their talents, share ideas, and improve their practical and theoretical knowledge. The main aim of the Polytechnic Convention is to enhance technical competency among students and motivate them to apply classroom knowledge to real-world problems. It also helps students develop presentation skills, teamwork, leadership qualities, and confidence.

Organizing Committee

Chief Patrons

Dr.Pratapsinh Kakasaheb Desai
President, ISTE, New Delhi

Mr. K. Shankar
Correspondent, Sankar Polytechnic College

Patrons

Dr. A. Sankara Subramanian
Chairman, ISTE Tamil Nadu Section
Principal, Sankar Polytechnic College

Prof. K. Sourirajan
Secretary Cum Treasurer, ISTE Tamil Nadu Section

Advisory Committee Members

Dr. P.Sakthivel
Executive Committee Member, ISTE
Controller of Examination in charge, Anna University, Chennai

Dr. B. Chidambararajan
Executive Committee Member, ISTE
Director SRM Valliammai Engineering college, Kattankulathur, Chengalpattu

Dr.Selvakumar Kandasamy
Executive Committee Member, ISTE
Director - IMPRES ERP (College Automation Software)

Dr.G. Maheswaran
Executive Committee Member, ISTE
Dean - Research, Shanmuganathan Engineering College, Puthukottai

Dr.K. Senathipathi
Section Management Committee Member, ISTE
HOD/EEE, Thiyagarajar Polytechnic College, Salem

Convener

Mr.C.Balamurugan
HoD in charge / Computer Engineering, Sankar Polytechnic College

Organizing Secretaries

Mr.A.Nasir Ahmad
HoD in charge / ECE, Sankar Polytechnic College

Mr.I.Saravanan
HoD / EEE, Sankar Polytechnic College

Mr.S.Chellappa
HoD / Mechanical, Sankar Polytechnic College

Dr.G.Velrajkumar
HoD / Civil, Sankar Polytechnic College

Coordinators

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Registration FREE

Events & Guidelines

Paper Presentation

Paper Format:

- A4 size, single column,1-inch margins all sides
- Justified alignment, Times New Roman, 12pt
- Line spacing: 1.0 (single), Title (Bold, 14-16pt, centered)
- Authors: names, affiliations, emails - centered
- Abstract: 150-250 words, Keywords: 4-6 terms
- Sections: Introduction, Methodology, Results, Conclusion, References
- Page limit: 6-8 pages, File format : Document (.docx)
- *Note: Only 2 members per team allowed for Paper Presentation*

Project Contest

- Project Team: Maximum 4 members only.

REGISTER NOW

Registration Link :
https://forms.gle/FZmtW5noxX4Bs4Wi9
or
https://tinyurl.com/mrx46x44

Important Dates

- **Paper Submission through Email : spciste@gmail.com**
- **Last Date for Paper Submission : 17.02.2026**
- **Notification of Acceptance : 24.02.2026**

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