

# Institutional Profile: Sree Sakthi Engineering College (TNEA Code 2673)

## 1. Identity

Selecting an engineering institution requires a strategic verification of its fundamental credentials. Verifying the TNEA counseling code, affiliation with Anna University, and institutional type ensures that a candidate's degree adheres to recognized academic standards and that the admission process remains within the regulated framework of the Tamil Nadu Engineering Admissions protocols.

### Core Institutional Identity

Field	Details
<b>Full Name</b>	Sree Sakthi Engineering College
<b>Short Name</b>	SSEC
<b>TNEA Code</b>	2673
<b>Institution Type</b>	Self-Financing Engineering College, Autonomous
<b>City</b>	Karamadai (Coimbatore District)
<b>Year Established</b>	2010
<b>Affiliated University</b>	Anna University, Chennai
<b>Admission Route</b>	TNEA — Tamil Nadu Engineering Admissions (Government quota 65%, Management quota 35%)
<b>Gender Profile</b>	Co-educational

Understanding the origins of an institution provides insight into its management stability and long-term vision.

## 2. Founding and Heritage

The background of a trust and its leadership serves as a critical indicator for parents and students assessing the reliability and resource-backing of a self-financing institution. Strong governance and industrial ties often correlate with institutional longevity and the quality of campus infrastructure.

Sree Sakthi Engineering College was established in 2010 by the **Sree Sakthi Charitable Trust**. The institution is guided by a multi-generational board, featuring **Shri. N. Dharmalingam** (Chairman), **Dr. S. Karthikeyan** (Correspondent), and **Mr. K. Akileshwaran** (Joint Correspondent). The Chairman, Shri. N. Dharmalingam, also leads the **Sree Sakthi Group of Companies**, Coimbatore, facilitating a direct link between the college and industrial leadership. Additional board stability is provided by Smt. K. Punithavathi (Secretary) and Trustees Shri. S. Murugan and Smt. D. Savithri.

### Mission and Milestones

- **Mission:** To provide value-based, high-quality technical education to aspiring students from both urban and rural backgrounds.
- **Milestones:** The institution received autonomous status from Anna University and subsequently pursued and obtained NAAC accreditation in its first cycle. As of the time of research, the college reports a total student enrolment of over 2,400 across all programs and a cumulative count of more than 10,000 graduated students.

This institutional foundation supports the college's compliance with national regulatory standards.

### 3. Regulatory Status

The legal necessity of AICTE approval for the 2025-26 cycle ensures that the institution meets the minimum requirements for technical education in India. Furthermore, the National Assessment and Accreditation Council (NAAC) grade serves as a quality benchmark, particularly for autonomous colleges seeking to validate their academic and administrative processes.

- **AICTE Approval:** The institution has received the Extension of Approval (EOA) for the **Academic Year 2025-26** (Application ID 1-44637285662). The **Total Approved UG Intake is 750 seats**.
- **NAAC Accreditation:** The college holds a **Grade of B++** with a **CGPA of 2.77** (Cycle 1: Improved from B+). This accreditation is **valid until July 2, 2026**.

These certifications establish the baseline for the specific academic programs offered.

### 4. UG Programs and Academic Scope

The evolution of the engineering curriculum has seen a significant shift toward data-driven and autonomous computing branches. This reflects the global demand for specialists in digital infrastructure and intelligent systems, alongside foundational engineering disciplines.

### B.E./B.Tech Program Portfolio (AY 2025-26)

Branch Name	TNEA Branch Code	Approved Intake	Year Started
Computer Science and Engineering	CS	120	2010
Electronics and Communication Engineering	EC	120	2010
Artificial Intelligence and Data Science*	AD	120	2024
Information Technology*	IT	90	2023
Computer Science and Engineering (Cyber Security)*	SC	90	2023
Electrical and Electronics Engineering	EE	60	2010
Mechanical Engineering	ME	60	2010
Computer Science and Engineering (AI and Machine Learning)*	AM	60	2023
Civil Engineering	CE	30	2010

\*New-Age Industry 4.0 Branches established 2018 or later.

The logistical framework of the campus makes this academic scope accessible to students across the region.

### 5. Hostel, Campus, and Transport

Campus location, logistical accessibility, and residential facilities directly impact a student's daily productivity and safety. Proximity to transit hubs and the availability of on-site medical services are essential components of a functional learning environment.

- **Hostel Facilities:**

- **Boys Hostel:** Divided into **A-Block** (42 rooms, 4-sharing and 6-sharing) and **B-Block** (84 student rooms). **Air-conditioning (AC) facilities are available exclusively in A-Block.**
- **Girls Hostel:** Features 41 student rooms configured for 4-sharing.
- **Mess:** Both hostels provide Veg and Non-Veg facilities; Non-veg is served three times a week.

- **Transport Logistics:** The college operates buses across **6 major corridors**, serving the following specific routes:

- **Route 1 (Coimbatore – LMW/Veerapandi):** Serving AVB School, SRMVK, LMW, and Veerapandi Pirivu.
- **Route 2 (Singanallur/Gandhipuram):** Serving Ramanathapuram, Lakshmi Mills, Gandhipuram Town, and Sai Baba Colony.
- **Route 3 (Annur/Thoddam Palayam):** Serving Panayam Palli, Puliya Patti, and Chitta Palayam.
- **Route 4 (Thudiyalur/NLCP):** Serving Arivozhi Nagar, NLCP, CTC, and Gandhi Nagar.
- **Route 5 (Karumathampatti/Annur Bus Stand):** Serving Amma Palayam and Jeevan Nagar.
- **Route 6 (Periya Matham Palayam/Chinna Matham Palayam):** Serving Kottai Pirivu and Thaneer Pandal.
- **Railway Connectivity:** The campus is located **4 km from Karamadai Railway Station**, providing a strategic transit advantage for students from the Nilgiris (Ooty) and Coimbatore city.
- **Campus Infrastructure:** The **13.5-acre campus** includes a **Medical Centre** staffed by a Medical Officer (8:00 am to 8:00 pm), a 24-hour RO plant, a fitness centre, and an ICICI Bank ATM.

Beyond physical infrastructure, the institution's commitment to financial accessibility is demonstrated through its scholarship framework.

## 6. Scholarships and Financial Access

State and institutional financial aid play a pivotal role in making professional technical education accessible to merit-driven and reserved category students. These programs help bridge the gap for families prioritizing high-quality education within manageable financial constraints.

**Government Scholarship Schemes** The following schemes are available to eligible students at this institution:

- SC/ST Tuition Fee Scholarship
- BC/MBC/DNC Scholarship
- Post-Matric Scholarship (OBC)
- Central and State Government Scholarship Schemes

**Merit-based Institutional Scholarship** Administered by the Sree Sakthi Charitable Trust, this aid is awarded based on the following clinical criteria:

- Scoring above 85% in Class XII examinations.
- Achieving a TNEA cutoff of 150+ in +2 subjects.
- Full 4-year scholarships are reserved for students achieving a cutoff score above 180.

Financial support systems often run parallel to the institution's focus on technical innovation and industrial collaboration.

### 7. Research and Innovation

The presence of a "Center for Research and Development" (CRD) in an autonomous environment is vital for fostering practical engineering skills and faculty-led innovation.

- **Patents:** The faculty has published **13 patents** with the Indian Patent Office (2018–2023). Key innovations include:
  - IoT-based solar tracking systems.
  - Non-invasive glucose monitoring.
  - Smart traffic signal systems.
  - Autism patient tracking systems.
- **Funding:** Recipient of an **AICTE-ISTE grant (Rs. 3,00,000)** for a 2018 Faculty Development Programme on "Embedded Systems and its Application in IoT."

### Industry MOUs and Partnerships

Company / Organisation	Nature of Collaboration	Date Signed
C-DAC PACE	Academic and Research	14.05.2025
Innomatics Research Lab	Academic and Research	21.06.2025
Unique MEP Engineering Pvt Ltd	Research, Internship, Placement	28.07.2025
EDUME NEW Technologies Pvt Ltd	Hands-on Workshop and Training	22.03.2025
FUJI Electric India Pvt. Ltd.	Academic and Research	11.12.2024
Axis Global Institute	Industrial Training (ECE)	06.04.2025

This research output contributes to the overall recognized achievements of the college.

### 8. Achievements and Distinctions

External validations and faculty-led research milestones serve as objective indicators of institutional progress. These recorded milestones provide a factual summary of the institution's current standing.

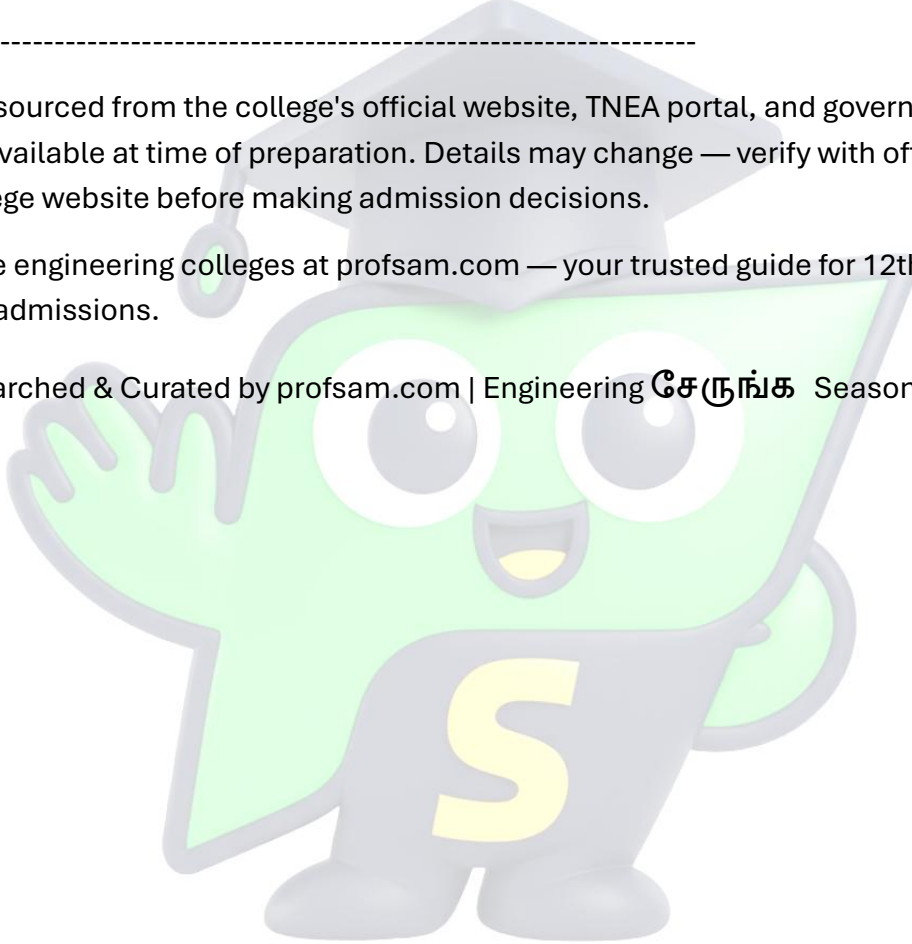
- **NAAC B++ Grade:** Awarded by the National Assessment and Accreditation Council for Cycle 1 (2021-22).
- **Patent Publications:** 13 patents published with the Indian Patent Office (IPO) between 2018 and 2023.
- **Federal Funding:** Recipient of the AICTE-ISTE Government of India grant for technical training in Embedded Systems (2018).

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Information sourced from the college's official website, TNEA portal, and government data sources as available at time of preparation. Details may change — verify with official portals and the college website before making admission decisions.

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