

Institutional Analysis of Selvam College of Technology (TNEA Code: 2627)

1. Institutional Identity and Administrative Framework

From a strategic admissions perspective, the foundational identity of a college—including its TNEA code and affiliating university—is the primary metric for assessing the security of a student's academic investment. These details ensure that the institution operates within a regulated framework, providing a degree that is recognized by government bodies and industrial recruiters alike.

Institutional Attribute	Verified Information
Full Official Name	Selvam College of Technology
Short Name	SCT
TNEA Code	2627
Address	Ponnusamy Nagar, Salem Road (NH-44), Pappinaickenpatti Post, Namakkal District — 637 003, Tamil Nadu
District	Namakkal
Taluk	Namakkal
Nearest City	Namakkal (Approximately 6 km from District HQ)
Nearest Railway Station	Namakkal (Approximately 8 km)
Contact Numbers	94866 48899 / 99420 99122 / 99420 99109
Email	info@selvamtech.edu.in
Official Website	https://selvamtech.edu.in/
Principal Name and Qualification	Dr. S. Ramabalan, M.E., Ph.D.
Autonomous Status	Yes — Autonomous Institution

Affiliating University	Anna University, Chennai
Gender Profile	Co-educational

Admission to the institution is facilitated via the Tamil Nadu Engineering Admissions (TNEA) process. The seat allocation follows a standard regulatory split: 65% of seats are dedicated to the Government quota, while the remaining 35% are administered through the Management quota.

These administrative parameters are rooted in a deep institutional history and a leadership philosophy focused on regional empowerment.

2. Institutional Heritage and Leadership Philosophy

The mission of an educational institution is often a direct extension of its trust's origins. When a college is founded by leaders with deep roots in local industry and rural development, the institutional culture tends to prioritize practical skill acquisition and social mobility, creating an environment where academic pursuits are aligned with community progress.

Selvam College of Technology was established in 2006 by the V. Ponnusamy Educational and Charitable Trust. The institution is the vision of Dr. P. Selvaraj, a veteran poultry scientist and pioneer. Dr. Selvaraj is widely credited with placing Namakkal prominently on India's poultry map, and his transition into education was driven by a commitment to serving rural communities. This industrial legacy informs the college's focus on self-reliance and technical competence.

Motto "Producing self-confident engineers."

Mission "Education is a primary requirement for a nation's sustainable development. Technology, education, economic scale, and efficient allocation of resources are key factors in a country's economic growth."

The trust's vision for sustainable development is validated through the formal regulatory approvals necessary for modern technical education.

3. Regulatory and Technical Approvals (AY 2025-26)

In the Indian engineering landscape, approval from the All India Council for Technical Education (AICTE) is a non-negotiable prerequisite for the validity of a professional degree. Within the TNEA ecosystem, this approval serves as a guarantee that the institution meets the mandatory national standards for curriculum delivery, faculty qualifications, and infrastructural safety.

The institution has received AICTE approval for the Academic Year 2025-26 as confirmed by its inclusion in the TNEA 2025 regulatory listing. As an autonomous institution affiliated with Anna University, SCT maintains the necessary legal and technical standing to conduct its academic programs for the upcoming cycle.

This regulatory stability supports a diverse undergraduate portfolio that bridges traditional engineering and modern technological trends.

4. Undergraduate Academic Portfolio (TNEA 2026)

A strategic analysis of SCT's academic offerings reveals a deliberate balance between "legacy" branches and emerging technologies. The institution's long-standing foundation in core disciplines—such as Computer Science, Electronics, and Electrical Engineering, all established since 2006—provides the robust departmental infrastructure and "legacy foundation" required to support the successful integration of "new-age" programs introduced between 2022 and 2023.

Branch Name	Branch Code	Approved Intake (2025-26)	Year Started
Artificial Intelligence and Data Science	AD	30	2023 (New-age branch)
Information Technology	IT	60	2022 (New-age branch)
Biomedical Engineering	BM	60	2022 (New-age branch)
Biotechnology	BT	60	2013
Civil Engineering	CE	30	2013
Mechanical Engineering	ME	60	2009
Computer Science and Engineering	CS	60	2006
Electronics and Communication Engineering	EC	60	2006
Electrical and Electronics Engineering	EE	60	2006

The successful delivery of this curriculum is dependent on the specialized human capital within the faculty ranks.

5. Faculty Profile and Academic Expertise

The density of Ph.D.-qualified faculty within an institution is a critical indicator of the quality of academic mentorship. Advanced qualifications signify that the teaching staff possesses the research depth necessary to guide students beyond standard textbooks, fostering an environment of innovation and high-level technical inquiry.

The following faculty members hold confirmed Ph.D. qualifications and lead academic instruction across their respective departments:

- **Mechanical Engineering**
 - Dr. S. Ramabalan, Professor (M.E., Ph.D.)
 - Dr. N. Shiva Sankaran, Professor (M.E., Ph.D.)
 - Dr. G. Selvaraj, Professor (M.E., Ph.D.)
 - Dr. M. S. Santhosh, Associate Professor (M.E., Ph.D.)
- **Computer Science and Engineering / M.E. CSE**
 - Dr. V. Sathiya, Professor (M.E., Ph.D.)
 - Dr. S. Mahalakshmi, Professor (M.E., Ph.D.)
- **Electronics and Communication Engineering / M.E. Applied Electronics**
 - Dr. P. Manimekalai, Professor (M.E., Ph.D.)
 - Dr. K. Vidyavathi, Professor (M.E., Ph.D.)
- **Electrical and Electronics Engineering**
 - Dr. P. Padmaloshani, Professor (M.E., Ph.D.)
 - Dr. M. Vinoth, Associate Professor (M.Tech., Ph.D.)
- **Information Technology**
 - Dr. S. Periyasamy, Associate Professor (M.E., Ph.D.)
- **Biotechnology**
 - Dr. M. Thenmozhi, Associate Professor (M.Tech., Ph.D.)
 - Dr. S. Mohammedyaseen, Assistant Professor (M.S., Ph.D.)
 - Dr. K. Devi, Assistant Professor (M.Sc., M.Phil., Ph.D.)
- **Civil Engineering**
 - Dr. V. Prabhu, Assistant Professor (M.E., Ph.D.)

The expertise of these faculty members is paired with a campus designed to support the residential and logistical requirements of a diverse student body.

6. Campus Infrastructure: Residential and Logistical Services

For students originating from across the state, residential security and reliable transit networks are essential components of the educational experience. Comprehensive

logistical services allow students to maintain focus on their academic performance by removing the burdens associated with long-distance commuting and unmanaged housing.

Residential Facilities The campus features permanent hostel accommodation for both boys and girls, located on the western side of the grounds. The facilities include a dedicated hostel office and mess halls that provide both Vegetarian and Non-Vegetarian options. A centralized kitchen serves the dining areas, and the entire residential system is overseen by a council of wardens.

Transport Infrastructure SCT operates an extensive transport network designed to provide regional accessibility:

- **Fleet Size:** 58 buses serving approximately 50 routes.
- **Geographic Map:** The network spans Namakkal, Salem, and Erode Districts.
- **Towns Served:** Routes include Ayothiyapattinam, Elachipalayam, Ernapuram, Erumapatti, HastamPatti, Jedarpalayam, Kalappanaikenpatti, Kandampalayam, Kannurpatti, Karavalli, Karur, Kattupudur, Kolakudi, Kuchikadu, Mallur, Meikalnaiken Patti, Melapatti, Mohanur, Mullukurichi, Musiri, Nadaiyanur, Nallipalayam, Namagiripattai, Namakkal, Nattamangalam, Neikaranpatti, NGO Colony, P. Velur, Pandamangalam, Pattanam, Pavithiram, Periyakombai, Piranthagam, Pudupalayam, R. Pudupalayam, R. Pudupatti, R. Pudur, Steel Plant Salem, SuryamPalayam, Thathaiyankarpettai, Thirthampalayam, Thiruchengodu, Thirumalipatti, Vayappamalai, Vasanthapuram, and Vennandur.
- **Accessibility:** The campus is 6 km from the Namakkal District HQ and 8 km from the Namakkal Railway Station.

This logistical framework is supported by financial systems that ensure technical education remains accessible.

7. Financial Access: Scholarship Framework

Government-mandated scholarship frameworks are vital for promoting equitable access to technical education. These programs ensure that deserving students from all social backgrounds can pursue engineering degrees, basing enrollment on merit and interest rather than financial status.

The following scholarship schemes are available to eligible students at this institution:

- SC/ST Scholarship (Government of Tamil Nadu / Central Government)
- BC/MBC Scholarship (Government of Tamil Nadu)
- Tamil Nadu Government Technical Scholarship (For students admitted through TNEA)

These financial supports enable students to actively participate in the college's research and technical event ecosystem.

8. Research Initiatives and National Conferences

A culture of innovation is fostered through institutional research centers and the hosting of national-level technical forums. These initiatives provide platforms for students and faculty to engage with industry trends and demonstrate technical problem-solving skills on a broader stage.

The institution facilitates these activities through its **Research and Consultancy Center (RCC)** and an active **Entrepreneurship Development Cell**. The college also hosts a series of high-level national events:

- **NCIICAIT 2K26:** National Conference on Innovations in Information, Computing, and Artificial Intelligence Technology.
- **NCTMI 2026:** National Level Conference on Technological and Managerial Innovation.
- **SCT-HackFest 2026:** A national-level hackathon.
- **National Conference on Emerging Trends in Electrical, Electronics, Biomedical Engineering and Sustainable Sciences.**
- **Founder's Memorial Trophy Tournament 2026:** An institutional athletic and engagement event.

These research and technical engagements prepare students for the demands of the modern professional engineering sector.

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. Explore more engineering colleges at profsam.com — your trusted guide for 12th to engineering admissions. Article Researched & Curated by profsam.com | Engineering சேருங்க Season 1