

Comprehensive Institutional Profile: Thirumalai Engineering College (TNEA 1517)

1. Institutional Identity and Administrative Framework

In the Tamil Nadu Engineering Admissions (TNEA) ecosystem, a college's administrative framework establishes the baseline for regulatory predictability. For aspirants, the TNEA code (1517) is the primary logistical identifier, while the institution's affiliation with Anna University and its specific classification determine the legal validity of the degree and the transparency of the admission process.

Strategic Implications of Status Thirumalai Engineering College (TEC) operates as a "Self-Financing" and "Non-Minority" institution. This classification dictates a fixed seat-sharing ratio: 65% of seats are surrendered to the Government Quota for allocation through centralized single-window counseling, while the remaining 35% are retained under the Management Quota. The non-minority status ensures that the admission route follows standard state-mandated merit protocols without additional religious or linguistic reservation layers, providing a standardized entry point for TNEA 2026 candidates.

Field	Details
Full Name	Thirumalai Engineering College
Short Name	TEC
TNEA Code	1517
Institution Type	Self-Financing Engineering College
City/Location	Kilambi, Kanchipuram
Year Established	1999
Affiliated University	Anna University, Chennai
Admission Route	TNEA (65% Govt / 35% Management)
Gender Profile	Co-educational

While these administrative data points define the current operational scope, the institution's stability is best assessed through its long-term history in the Kanchipuram region.

2. Founding Heritage and Educational Mission

Established in 1999, Thirumalai Engineering College entered the technical education sector during a period of industrial expansion in the Kanchipuram district. Its founding was a response to the need for technical training centers within the regional corridor, specifically targeting the rural and semi-urban student populations of the Kanchipuram and Chennai peripheries.

Institutional Stability and Mission The college is governed by the Kanchi Krishna Educational Trust, which has been administratively established since its registration on September 11, 1991. For prospective students, the trust's 35-year operational history serves as a proxy for institutional stability. The primary mission focuses on the technical empowerment of students from agrarian and semi-urban backgrounds, positioning the college as a localized provider of engineering education.

- **Founder:** Thiru. B. Bose
- **Managing Trust:** Kanchi Krishna Educational Trust (Reg. 1991)
- **Primary Mission:** Providing technical education to rural and semi-urban students.
- **Administrative Milestones:**
 - **1999:** Commencement with four core departments (CSE, Mechanical, EEE, Civil).
 - **2005 & 2007:** Incremental expansion into ECE and Information Technology.
 - **2023 & 2024:** Departmental diversification into emerging technologies (AI and Agricultural Engineering).

This historical trajectory is anchored by the institution's mandatory adherence to national regulatory bodies.

3. Regulatory Compliance and AICTE Status

Active approval from the All India Council for Technical Education (AICTE) is a non-negotiable prerequisite for the validity of any technical degree in India. This approval confirms that the institution maintains the minimum prescribed standards for infrastructure, faculty-to-student ratios, and curriculum delivery required for professional registration and higher education eligibility.

Current Standing and Intake Capacity Thirumalai Engineering College is officially approved by the AICTE for the 2025-26 academic year, as verified via TNEA records. The institution is authorized for a total undergraduate intake of 360 seats across its eight departments. This approved intake ensures that the institutional workload remains within the capacity of its current administrative and physical resources.

- **AICTE Approval Status:** Confirmed for Academic Year 2025-26.
- **Total Approved UG Intake:** 360 Seats.

This regulatory approval covers a specific distribution of academic branches that balance legacy engineering with new technology sectors.

4. Academic Architecture: Undergraduate Programs

The academic structure at TEC is characterized by a high concentration of seats in the Computer Science domain, balanced against legacy mechanical and civil departments. The recent pivot toward "New-Age" branches indicates an institutional effort to align with national curriculum frameworks like the NEP.

Curriculum Advisory and Benchmarking A critical factor for TNEA applicants is the self-reported placement rate, which stands at 30%. This figure serves as a primary benchmarking data point for families evaluating the return on investment. Furthermore, while the introduction of Artificial Intelligence & Data Science (2023) and Agricultural Engineering (2024) offers specialization options, these branches currently lack a graduating batch or historical placement data. Applicants should monitor these departments as they complete their initial four-year cycles.

Branch Name	Branch Code	Approved Intake	Year Started	Category
Computer Science and Engineering	CS	120	1999	Legacy
Mechanical Engineering	ME	60	1999	Legacy
Electrical and Electronics Engineering	EE	30	1999	Legacy
Civil Engineering	CE	30	1999	Legacy
Electronics and Communication Engineering	EC	30	2005	Legacy
Information Technology	IT	30	2007	Legacy
Artificial Intelligence and Data Science	AD	30	2023	Emerging (No Placement History)
Agricultural Engineering	AG	30	2024	Emerging (No Placement History)

The successful pursuit of these degrees is supported by the logistical framework of the campus and its transport network.

5. Campus Infrastructure, Hostel, and Transport Logistics

For students in the Kanchipuram and Chennai highway belt, physical logistics—specifically transport accessibility—are essential decision factors. The institution's location and housing facilities dictate the daily operational efficiency of the student body.

Logistical Prerequisites The 30-acre campus is situated directly on National Highway 48 (Chennai–Bangalore Highway). This location is the primary driver for day scholar logistics, providing high visibility and ease of access for the college's transport fleet. Additionally, the campus is 6 km from the Kanchipuram Railway Station, offering a viable alternative for students commuting from distant hubs.

- **Campus Size:** 30 Acres.
 - **Location Advantage:** Direct access to NH 48 (Chennai-Bangalore Highway).
 - **Hostel Facilities:** Separate permanent hostels for boys and girls with on-site mess facilities (Vegetarian and Non-Vegetarian).
 - **Transport:** Dedicated bus services; proximity to Kanchipuram Railway Station (6 km).
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6. Financial Access: Government Scholarship Schemes

To ensure economic inclusivity as per state mandates, the college facilitates several government-sponsored financial aid programs. These schemes are designed to reduce the tuition burden for students from designated socio-economic backgrounds.

Institutional Facilitation The following scholarship programs are available to eligible students at this institution:

- **SC/ST Tuition Fee Scholarship:** Administered by the Adi Dravidar & Tribal Welfare Dept, Govt. of Tamil Nadu.
 - **BC/MBC/DNC Scholarship:** Provided via the Backward Classes Welfare Dept, Govt. of Tamil Nadu (income-based).
 - **First Graduate Scholarship:** Financial aid for students who are the first in their family to pursue a degree.
 - **National Scholarship Portal (NSP) Schemes:** Various merit-and-means-based central government aids, including Post-Matric and Minority scholarships.
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7. Industrial Linkages and Research Collaborations

The college utilizes Memorandums of Understanding (MOUs) to supplement standard university curriculum with industry-specific training, particularly in the electronics and computing sectors.

Evaluation of Partnerships The institution maintains a long-standing partnership with the **Cisco Networking Academy**, active since 2017. The longevity of this collaboration suggests a consistent integration of Cisco's networking lab standards within the CSE and IT departments. Additionally, the partnership with Research Publishing Services (Singapore) provides a platform for the ECE department to engage in academic publishing, fostering a technical ecosystem beyond the classroom.

Partner Organisation	Nature of Partnership	Primary Department
Cisco Networking Academy	Networking Lab & Curriculum (Since 2017)	CSE & IT
Research Publishing Services	Academic Publishing & Research Collaboration	ECE

8. Mandatory Closing

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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