

College Profile: Thiruvalluvar College of Engineering and Technology (TNEA Code: 1518)

1. Identity and Core Classification

Thiruvalluvar College of Engineering and Technology (TCET) serves as a localized provider of engineering education within the Tamil Nadu Engineering Admissions (TNEA) framework. Affiliated with Anna University, Chennai, the institution is located at Ponnur Hills in the Tiruvannamalai District. This geographic positioning provides academic access for students in the Vandavasi taluk, allowing for degree completion within the state's primary regulatory standards for technical education.

The administrative and classification data for the institution are as follows:

Field	Details
Full Name	Thiruvalluvar College of Engineering and Technology
Short Name	TCET Vandavasi
TNEA Code	1518
Institution Type	Self-Financing Engineering College (Non-minority)
Location	Arunachala City, Ponnur Hills, Vandavasi, Tiruvannamalai District, 604505
Affiliation	Anna University, Chennai

Admission Route	TNEA (65% Government quota, 35% Management quota)
Gender Profile	Co-educational

Strategic Admission Perspective For 12th-standard applicants, the TNEA code 1518 is the critical identifier for the counseling process. As a self-financing, non-minority institution, the 65% Government quota seats are filled according to Tamil Nadu state reservation rules. The remaining 35% Management quota seats do not follow community-based reservations and are frequently filled through direct institutional application parallel to, or preceding, the TNEA counseling window. For students with lower cutoffs for whom TCET is a primary choice, investigating the Management route early is a necessary tactical step.

2. Undergraduate Academic Programs (TNEA 2026)

The academic structure at TCET maintains a balance between traditional engineering disciplines and computational specializations. The curriculum is designed to support the industrial requirements of the manufacturing sector while integrating modern technology branches.

The following table outlines the undergraduate programs available for the TNEA 2026 cycle:

Branch Name	Branch Code	Intake Capacity	Year Started
Computer Science and Engineering	CS	90	1998
Information Technology	IT	68	1999
Civil Engineering	CE	68	2006
Mechanical Engineering	ME	60	1998

Electronics and Communication Engineering	EC	60	1998
Electrical and Electronics Engineering	EE	30	2005
Electronics and Instrumentation Engineering	EI	30	1998
CSE (Artificial Intelligence and Machine Learning)	AM	30	2023 (New-Age)
Total UG Intake		436	

Academic Distribution Analysis An analysis of the intake reveals that tech-focused branches (CS, IT, and AM) account for 188 seats, representing approximately 43% of the total capacity. A significant strategic detail for applicants is the introduction of the Artificial Intelligence and Machine Learning (AM) branch in 2023. Because this branch lacks extensive historical cutoff data, it serves as a strategic "wildcard" for students seeking tech specializations who may not meet the higher cutoff thresholds of the more established Computer Science (CS) branch, which has been operational since 1998.

3. Campus Logistics: Hostel and Transportation

For an institution located in a semi-urban area like Vandavasi, logistical infrastructure is a primary variable in institutional viability. The reliability of transport and housing is essential for maintaining student consistency in a rural-fringe setting.

- **Hostel Facilities:** The institution provides separate permanent buildings for male and female students. According to official intake records, the mess facilities provide both vegetarian and non-vegetarian options.
- **Connectivity and Transport:** The college operates its own bus facility. This is a critical necessity rather than a peripheral service, as the nearest major transit point, Melmaruvathur Railway Station, is approximately 40 km away (as per official intake records).

Logistical Impact for Families The availability of college-operated transport is a decisive factor for day scholars within the Vandavasi taluk, as the distance from major railheads makes independent commuting difficult. For students from further districts, the presence of permanent on-campus housing allows for a transition to a residential model, mitigating the logistical challenges posed by the college's semi-urban location.

4. Scholarships and Financial Access

Financial planning for engineering in Tamil Nadu is largely dependent on the effective utilization of state and central government support systems, particularly in self-financing institutions where institutional scholarships may not be internally funded.

Regarding financial aid at this institution: **Government scholarship schemes of Tamil Nadu and the Government of India are available to eligible students at this institution.**

Actionable Advice for Applicants As there are no specific institutional scholarships listed, students must prioritize external funding. Applicants should verify eligibility and deadlines through the **Tamil Nadu Adi Dravidar and Tribal Welfare portals** and the **National Scholarship Portal (NSP)**. The NSP, in particular, serves as the primary mechanism for students at self-financing colleges to offset tuition and maintenance costs.

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

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