

Institutional Profile: Velammal Institute of Technology (TNEA Code 1237)

1. IDENTITY: Institutional Framework and Admission Route

Regulatory oversight within the Tamil Nadu Engineering Admissions (TNEA) framework dictates the administrative and fee structures of participating colleges. Velammal Institute of Technology operates as a non-autonomous, self-financing institution affiliated with Anna University. This status requires strict adherence to the university's centralized curriculum, examination schedules, and degree-granting protocols.

Field	Details
Full Name	Velammal Institute of Technology
Popular Name	VI TECH
TNEA Code	1237
Institution Type	Self-Financing (Non-Autonomous)
City / District	Panchetti / Thiruvallur
Year Established	2008
Affiliated University	Anna University, Chennai

Admission Route	65% Government Quota / 35% Management Quota
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The institution is a co-educational facility under the direct regulatory supervision of Anna University. Its administrative identity is defined by its establishment within a structured university system to serve specific regional demographics.

2. FOUNDING: Heritage and Mission

The Tamil Nadu engineering landscape is characterized by the presence of large-scale educational trusts that establish infrastructure in industrial and highway corridors. These entities function as primary providers of technical education in semi-rural and emerging suburban belts.

Established in 2008 by the Veeramakali Memorial Welfare Trust, Velammal Institute of Technology was positioned to serve the Chennai–Kolkata Highway corridor. The founding mission focuses on providing technical education to first-generation learners from the Thiruvallur district and surrounding semi-urban areas. Institutional development has progressed from traditional core disciplines to the inclusion of data-driven and automated engineering domains within the Velammal Knowledge Park. This established foundation dictates the college's current regulatory standing and accreditation cycles.

3. & 4. REGULATORY STATUS: Accreditation and Approvals

AICTE and NAAC credentials serve as the primary statutory indicators of institutional health and academic quality. These certifications validate that the facility meets national benchmarks for faculty ratios, infrastructure, and student support.

For the 2025-26 Academic Year, the institution holds AICTE approval for all listed undergraduate programs. The college completed its second NAAC accreditation cycle in 2023, receiving a Grade 'A' with a CGPA of 3.02. While this status is treated as active for the 2026 intake, applicants are advised to verify the exact expiration date on the NAAC portal as the specific month was not stated in recent summaries.

Strategic Audit Note on NBA Accreditation: A critical consideration for 2026 aspirants is the National Board of Accreditation (NBA) status. Current accreditation for the Computer Science (CS), Information Technology (IT), and Electronics and Communication (EC) branches is valid only until June 2025. Consequently, these programs will be in a "pending renewal" status during the 2026 admission cycle. Prospective students must monitor if the institution secures a fresh accreditation cycle for these specific branches.

8. UG PROGRAMS: Academic Portfolio and Seat Matrix

Seat intake and branch distribution are the primary metrics utilized in the TNEA choice-filling process to determine cutoff volatility and specialization availability.

Branch Name	Branch Code	Approved Intake	Year Started
B.E. Computer Science and Engineering	CS	240	2008
B.E. Electronics and Communication Engineering	EC	120	2008
B.Tech Information Technology	IT	90	2008
B.Tech Artificial Intelligence and Data Science*	AD	120	2022
B.E. Electrical and Electronics Engineering	EE	30	2008
B.E. Mechanical Engineering	ME	30	2011
B.E. Mechatronics Engineering*	MZ	30	2022

**Indicates Emerging/New-age branches.*

The total approved undergraduate intake is 660 seats. The branches labeled AD and MZ (established in 2022) do not yet have graduating batches, which is a standard factor in assessing long-term placement trends for those specific disciplines. Notably, the institution provides no Tamil Medium instruction. The program offerings are situated within a high-density educational environment.

11. & 12. CAMPUS INFRASTRUCTURE: Logistics and Connectivity

Campus location and transport logistics are functional determinants of the student experience, particularly for those residing outside the immediate Thiruvallur district.

- **Hostels:** Separate residential blocks for boys and girls are located within the Velammal Knowledge Park. Facilities include non-AC shared rooms and mess services providing both vegetarian and non-vegetarian options.
- **Transport:** A network of 20 bus routes services the northern and western regions of Chennai, including Madhavaram and the Ambattur belt. The campus is 7 km from the Ponneri Railway Station.
- **Facilities:** Library holdings exceed tens of thousands of volumes alongside digital NPTEL access. Technical infrastructure includes several hundred workstations in computer laboratories and playfields for football, cricket, and volleyball.

The Panchetti campus operates within the "Knowledge Park" ecosystem, implying shared infrastructure and a high-density academic environment. This infrastructure supports the financial investment required for the degree.

13. SCHOLARSHIPS: Financial Access and State Support

Government-mandated scholarships serve as the statutory mechanism for financial accessibility, ensuring that self-financing tuition remains within reach for eligible candidates.

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

- SC/ST Tuition Fee Scholarship (Government of Tamil Nadu)
- BC / MBC / DNC Scholarship (Government of Tamil Nadu)
- First Graduate Scholarship (State-mandated for eligible first-generation engineers)
- Minority Scholarship (Government of India)
- Post-Matric Scholarship (Central and State sector)

The institution also maintains internal merit-based support schemes for high-achieving students. These financial aid pathways directly influence the net cost of the career outcomes provided.

15. PLACEMENTS: Career Outcomes and Recruitment Trends

Objective placement data is the standard metric for evaluating the industry relevance of an institution's training programs.

Note: All figures are self-reported by the institution.

- **Placement Rate:** Reported at 70–75% for recent batches.

- **Compensation:** The highest reported packages reach mid-double-digit LPA. However, the average package is consistently 4–5 LPA, and the median package remains in the lower single-digit LPA range.
- **Recruiters:** Primary partners include Cognizant, Infosys, Wipro, TCS, Accenture, and Zoho.

Data analysis indicates a heavy concentration of placement success in CSE, IT, and ECE. Core engineering branches like Mechanical and Electrical frequently transition into specialized manufacturing or automotive firms. This placement concentration is supported by the institution's research and industry alignment.

10. RESEARCH: Innovation and Industry Integration

Undergraduate research and industry Memorandums of Understanding (MOUs) are utilized to enhance technical competency through exposure to applied engineering challenges.

The institution has secured funding from agencies including DST, AICTE, MSME, Ministry of Mines, and CVRDE. Current reports indicate over 20 funded projects and 12+ granted patents. Research centers are dedicated to:

- Robotics
- Internet of Things (IoT)
- Embedded Systems

Audit of Industry MOUs: Industry MOUs are heavily clustered in software services and automotive components. This specific alignment directly correlates to the placement concentration observed in the CSE and ECE departments, providing a pipeline for internships and project-based learning.

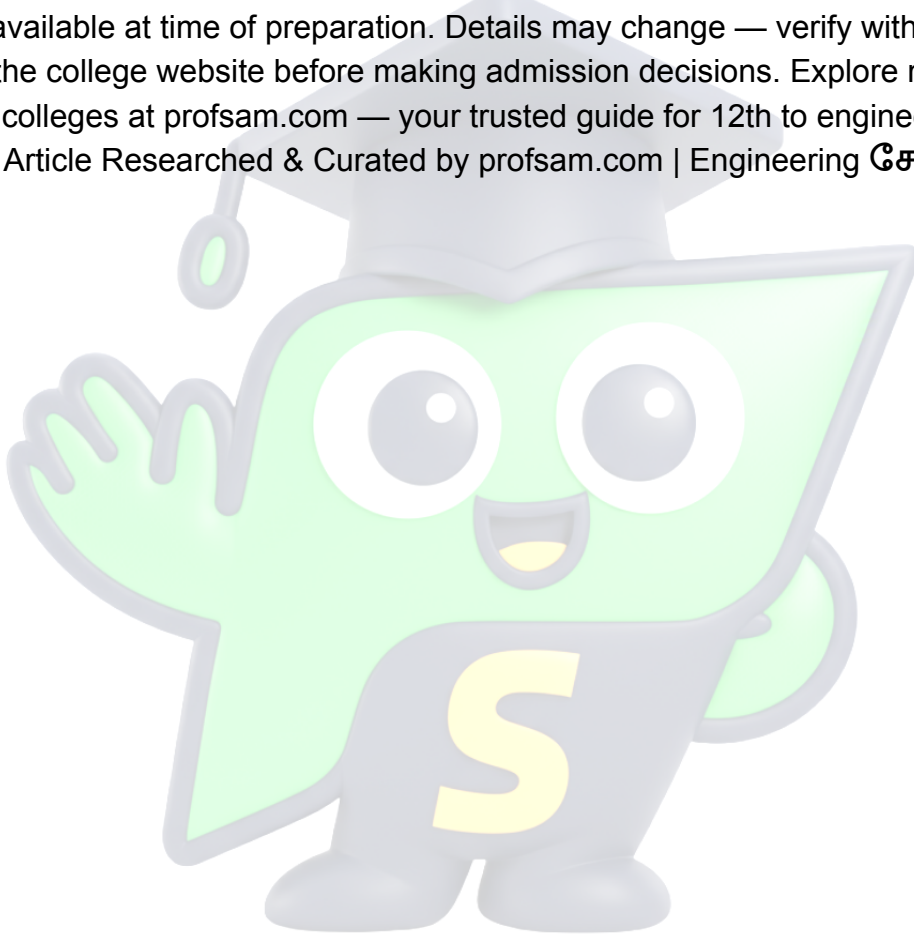
16. INSTITUTIONAL ACHIEVEMENTS

External performance metrics provide validation for institutional claims and a basis for comparative analysis.

- **NAAC Status:** Achievement of Grade 'A' (CGPA 3.02) in the 2023 Cycle 2 assessment.
- **Funding Records:** Acquisition of research projects from national bodies such as MSME and DST leading up to 2024.
- **Academic Rankings:** Historical Anna University data indicates consistent pass percentages in comparison to other non-autonomous affiliated colleges.
- **NBA Recognition:** Historical accreditation of CSE, IT, and ECE programs, with the caveat of the June 2025 expiration.

For 2026 aspirants, Velammal Institute of Technology represents a stable, non-autonomous option with a clear focus on IT and electronics-related disciplines, though the pending NBA renewals and lower single-digit median packages should be factored into the final decision.

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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