

Institutional Profile: Chettinad College of Engineering and Technology (TNEA Code 2630)

1. Identity and Administrative Framework

For families navigating the Tamil Nadu Engineering Admissions (TNEA) process, an institution's administrative foundation is the primary indicator of long-term academic security. A college's TNEA code and its affiliation with Anna University, Chennai, function as regulatory safeguards, ensuring that the degree is recognized under a standardized curriculum and state-governed framework. These identifiers establish the legal and formal basis for an admission under the single-window system.

Field	Details
Full Name	Chettinad College of Engineering and Technology
Short Name	CCET
TNEA Code	2630
Institution Type	Self-Financing
Admission Route	TNEA (65% Government Quota / 35% Management Quota)
Gender Profile	Co-educational
Affiliated University	Anna University, Chennai
City	Karur

The institutional character is further reinforced by its corporate lineage and the financial stability of its management.

2. Founding Heritage and Leadership

Strategic backing by a diversified industrial conglomerate is a critical factor in an institution's resilience against market volatility. Chettinad College of Engineering and Technology is directly linked to the Chettinad business group, which provides a level of financial stability and access to industrial expertise that independent colleges rarely possess. For applicants, this backing reduces the risks associated with institutional closure or resource depletion.

The college was established in 2007 by the **Rani Meyyammai Achi of Chettinad Charitable Trust**. Governance is overseen by high-level leadership, including **Mrs. Geetha Muthiah** (President) and **Mr. Muthiah MAMR** (Chairman and Managing Director of Chettinad Cements), who serves as a member of the Governing Council. This direct industrial

connection ensures that the institution's strategic direction is informed by large-scale infrastructure and corporate benchmarks.

Institutional Expansion Milestones:

- **2007:** Inception with B.E. Computer Science and Engineering and B.E. Electronics and Communication Engineering.
- **2008:** Introduction of B.E. Electrical and Electronics Engineering.
- **2011:** Addition of B.E. Mechanical Engineering.
- **2023:** Introduction of B.Tech. Artificial Intelligence and Data Science.
- **2024:** Introduction of B.Tech. Information Technology.

The Governing Council's industrial ties facilitate a governance model that prioritizes professional standards and alignment with contemporary workforce requirements.

3. Regulatory Compliance and Accreditation

Regulatory markers such as AICTE approval and NBA accreditation serve as objective quality filters. In the Karur region, where multiple self-financing options exist, these credentials distinguish institutions that have undergone rigorous external validation of their faculty, infrastructure, and pedagogical processes.

The institution has received **AICTE Approval for the Academic Year 2025-26**, as per the Extension of Approval (EOA) dated January 3, 2025 (Reference: F.No. Southern/1-44642691500/2025/EOA).

Beyond general approval, two specific departments have achieved program-level validation through the National Board of Accreditation (NBA):

Program Name	Validity Period
Computer Science and Engineering	Accredited until December 2028
Electronics and Communication Engineering	Accredited until December 2028

In terms of national competitive metrics, the institution is **not ranked** in the NIRF 2025 Engineering category. Transparency regarding these rankings is essential for families to assess the college's current national standing. This regulatory standing is the framework within which the academic programs are delivered.

4. Academic Portfolio: UG Engineering Programs

The engineering education landscape is currently experiencing a shift toward "New-Age" disciplines as traditional core branches are supplemented by data-centric fields. A balanced portfolio that includes emerging technologies like AI and Data Science alongside established

branches ensures the institution can cater to diverse student aptitudes and shifting industry demands.

B.E./B.Tech. Program Details (AY 2025-26):

Branch Code	Program Name	Approved Intake	Year Established
AD	Artificial Intelligence and Data Science	60	2023
CS	Computer Science and Engineering	60	2007
EC	Electronics and Communication Engineering	60	2007
EE	Electrical and Electronics Engineering	60	2008
ME	Mechanical Engineering	60	2011
IT	Information Technology	60	2024

Note: Branches established in 2018 or later, specifically Artificial Intelligence and Data Science (AD) and Information Technology (IT), are classified as "New-age" branches.

The quality of academic delivery within these programs is directly tied to the concentration of qualified faculty members.

5. Faculty Expertise and PhD Density

In technical education, PhD density is a primary indicator of academic rigor. Faculty members with doctoral qualifications provide the necessary research-oriented mentorship and depth of expertise required for high-level engineering instruction.

The institution maintains a **Student-Faculty Ratio of 1:15**. The total institutional faculty count is **79**, which encompasses all departments including Science & Humanities and the MBA program. The following table identifies the PhD holders within the engineering and general engineering departments:

Name	Designation	Highest Qualification	Department
Dr. A. Punitha	Principal	Ph.D. (CSE)	Computer Science and Engineering
Dr. T. Gobinath	Associate Professor	Ph.D.	Computer Science and Engineering
Dr. R. Punithavathi	Professor	Ph.D.	Computer Science and Engineering

Dr. M. Kumar	Professor	Ph.D.	Electronics and Communication Engineering
Dr. Mahesh M	Associate Professor	Ph.D.	Electronics and Communication Engineering
Dr. Senthilkumar M	Professor	Ph.D.	Electrical and Electronics Engineering
Dr. Pounraj P	Associate Professor	Ph.D.	Electrical and Electronics Engineering
Dr. Hariprasanth V	Professor	Ph.D.	Mechanical Engineering
Dr. Balasubramanian B	Associate Professor	Ph.D.	Mechanical Engineering
Dr. K.P. Senthilnathan	Professor	Ph.D.	Civil / General Engineering
Dr. A. Kanchana	Assistant Professor	Ph.D.	General Engineering

This academic team is supported by a campus designed for both residential and instructional efficiency.

6. Campus Infrastructure and Residential Capacity

For students outside the immediate Karur district, on-campus residential facilities are essential for academic focus. The institution offers substantial housing volume, indicating a design intended to serve a statewide student demographic rather than a purely local population.

Residential Facilities and Capacity Discrepancy Note: The institution reports a substantial campus capacity of **2,560 students**. However, researchers should note a data discrepancy in the reported room counts:

- **Boys Hostel:** 128 rooms. Stated occupancy is triple-sharing, which mathematically supports a capacity of 384 students per hostel.
- **Girls Hostel:** 128 rooms. Stated occupancy is triple-sharing, supporting a capacity of 384 students per hostel.
- **Mess:** Both hostels provide vegetarian and non-vegetarian options. Accommodations are Non-AC.

Key Campus Facilities:

- **Instructional Space:** 31 classrooms (avg. 83 sqm) and 14 tutorial rooms.
- **Laboratories:** 47 specialized laboratories for practical instruction.
- **Computing:** 489 workstations available for students and 2 dedicated computer centers.
- **Library:** A repository of 39,710 volumes and 7,972 titles, with access to digital resources through DELNET and AUERI.

The physical accessibility of the campus remains a vital logistical consideration for day scholars and visiting guardians.

7. Connectivity and Transport Logistics

Proximity to regional transit hubs is a significant factor in student safety and logistical efficiency. Situated on the Karur-Trichy Highway (NH-67), the institution is integrated into the region's main transportation network.

Distances to Major Transit Hubs:

- **Nearest Railway Station:** Karur Junction (7.4 km)
- **Nearest Bus Stand:** Karur Bus Stand (8 km)
- **Nearest Airport:** Tiruchirappalli International Airport (83 km)

Ease of physical access is complemented by financial support frameworks designed to ensure education remains accessible to diverse socio-economic groups.

8. Financial Access and Scholarship Schemes

The accessibility of an engineering degree is often determined by the availability of structured financial aid. A combination of state-mandated and management-driven scholarship schemes serves to lower the financial barrier for eligible candidates.

Government and Central Schemes (Available to eligible students):

- Government of Tamil Nadu SC/ST Tuition Fee Scholarship.
- Government of Tamil Nadu BC/MBC/DNC Scholarship.
- Central Sector Post-Matric Scholarship for OBC.
- Government of India Minority Scholarship.

Management and Trust Funded Schemes:

- **Chettinad Charitable Trust Merit Scholarship:** Awarded to +2 and polytechnic toppers based on merit, without regard to caste or creed.

- **Management Merit Scholarship:** Awarded based on academic merit, socio-economic need (merit-cum-means), sports, and co-curricular achievements.

9. Research and Innovation Framework

The presence of a Research and Development (R&D) cell is vital for creating an environment that encourages inquiry beyond the standard curriculum. Such a framework is necessary to bridge the gap between academic theory and industrial application.

The institution has demonstrated measurable research output, specifically the **Indian Patent filed by the Principal, Dr. A. Punitha**. The R&D Cell's objectives include promoting multi-disciplinary research, enhancing the quality of academic publications, and fostering industry collaboration.

As choosing an engineering institution is a high-stakes decision, it is imperative that parents and students perform independent verification of all data points provided before finalizing any admission.

10. Closing Branding and Disclaimer

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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