

Institutional Profile: CARE College of Engineering (TNEA Code: 3841)

1. Administrative Identity and Governance

Strategic due diligence for the TNEA 2026 admissions cycle requires a clear understanding of an institution's administrative framework. Verifying the TNEA code, affiliation, and autonomous status is essential to ensure that the degree is recognized by regulatory bodies and that the admission process adheres to the structured protocols of the Tamil Nadu Engineering Admissions system.

The foundational identity of CARE College of Engineering is synthesized in the table below:

Attribute	Detail
Full Name	CARE College of Engineering
Short Name	CARE CoE
TNEA Code	3841
Institution Type	Self-Financing Engineering College (Autonomous)
Admission Route	TNEA (Government Quota 65% / Management Quota 35%)
Affiliated University	Anna University, Chennai
Gender Profile	Co-educational

The institution was formally granted Autonomous status in 2024, with approval confirmed by the University Grants Commission (UGC). This administrative identity serves as the baseline for evaluating the college's heritage and its specific physical environment.

2. Institutional Heritage and Architectural Intent

An institution's founding mission and its physical infrastructure are primary indicators of its pedagogical focus. A campus built with specific architectural intent often reflects the management's philosophy toward the student learning experience and academic engagement.

CARE College of Engineering was established in 2009 under the aegis of the G. Narayanan Educational Trust. The institution's founding mission explicitly states a move away from traditional rote-learning systems, aiming to facilitate a creative, application-based learning environment.

The physical campus was designed by architect Sanjay Mohe. The design intentionally utilizes open courtyards and natural light to integrate the facility with the surrounding environment. According to the institution's documentation, the intent behind this architectural approach is to manage the high-pressure nature of technical education through spatial design. This institutional heritage provides the context for its current regulatory standing.

3. Regulatory Compliance and Approval Status

AICTE (All India Council for Technical Education) approval is the requisite benchmark for the technical validity of an engineering degree in India. It confirms that the institution meets mandated standards for infrastructure, faculty qualifications, and curriculum delivery.

For the Academic Year 2025-26, CARE College of Engineering holds valid AICTE approval (Permanent ID: 1-12383211). The total approved undergraduate intake for the current cycle is 420 seats. As an affiliated autonomous institution, it does not fall under the UGC Deemed University category.

These broad approvals are further refined through specialized departmental certifications that impact global standing.

4. Specialized Program Accreditation (NBA)

National Board of Accreditation (NBA) status serves as a key differentiator, signifying that specific departments meet international standards of excellence. For students, NBA accreditation enhances global mobility and employability, particularly in Tier-I organizations and for postgraduate applications abroad.

The following programs at CARE College of Engineering are currently accredited by the NBA:

Program Name	Branch Code	Accreditation Validity
Computer Science and Engineering	CS	2027
Electronics and Communication Engineering	EC	2027
Mechanical Engineering	ME	2027

The presence of these accreditations marks a clear quality distinction for these departments, which must be considered alongside national benchmarking data.

5. National Benchmarking and Rankings

National rankings, such as the National Institutional Ranking Framework (NIRF), provide a macro-level assessment of an institution's performance in research, teaching, and graduation outcomes. These rankings offer an objective "So What?" regarding an institution's competitive standing.

Based on official records, CARE College of Engineering was not ranked in the NIRF Engineering category for the 2024 or 2025 cycles. Additionally, the institution does not appear in global ranking systems such as the QS India University Rankings or the Times Higher Education World Rankings, as these are primarily restricted to university-category institutions.

These benchmarks provide a framework for analyzing the specific undergraduate programs offered to the 2026 cohort.

6. Undergraduate Academic Portfolio (TNEA 2026)

The diversity of an academic portfolio and the allocation of seats across various branches reflect an institution's response to industry trends. The shift toward digital-centric branches often indicates a strategic alignment with current labor market demands.

The table below details the undergraduate programs available for the TNEA 2026 cycle:

Branch Name	Branch Code	Approved Intake	Year Started
Artificial Intelligence and Data Science	AD	120	2020
Computer Science and Engineering	CS	120	2011
Electronics and Communication Engineering	EC	60	2010
Mechanical Engineering	ME	60	2009
Civil Engineering	CE	30	2009
Bachelor of Design	DA	30	2024

An analysis of this portfolio highlights a strategic pivot toward "New-age" branches. The introduction of Artificial Intelligence and Data Science (2020) and the Bachelor of Design (2024) indicates an expansion into emerging fields. Furthermore, the high intake in AI&DS (120) and CSE (120) relative to core branches like Civil Engineering (30) suggests a clear institutional focus on IT-centric roles. Notably, no Tamil Medium branches are offered. These academic offerings are supported by the campus logistical framework.

7. Residential Facilities and Regional Connectivity

Logistics, housing, and transport are critical variables in student success and safety. For outstation students, the quality and management of residential facilities are primary considerations for a stable learning environment.

The college provides permanent on-campus hostel facilities for both genders:

- **Boys Hostel:** Non-AC rooms; Mess provides both Vegetarian and Non-Vegetarian options.

- **Girls Hostel:** Non-AC rooms; Mess provides Vegetarian options only.
- **Medical Arrangements:** A first-aid center is located on campus with a formal tie-up with a nearby hospital for emergency care.

The campus is located approximately 10 km from Tiruchirappalli Junction. The college operates a transport system with routes serving the Tiruchirappalli region. This infrastructure is accessible to students through various financial support mechanisms.

8. Financial Access and Scholarship Framework

Government-mandated financial aid is essential for maintaining socio-economic diversity and ensuring that technical education remains accessible. These frameworks provide necessary support for eligible students to mitigate the costs of a self-financing institution.

The following government scholarships 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 (Government of Tamil Nadu)
- Minority Scholarship (Government of India)
- Post-Matric Scholarship for OBC (Central Sector)

These financial aid systems are designed to improve career trajectories by reducing the debt burden on graduates.

9. Career Trajectories and Placement Analysis

Placement figures are a vital metric for evaluating the relationship between institutional training and industry requirements. Families must analyze these figures to understand the likely return on investment for an engineering degree.

For the TNEA 2025 cycle, the institution reported a 90% placement rate. While the volume of placements is high, the salary metrics suggest a specific market positioning:

- **Highest Package:** 6 LPA
- **Average Package:** 2.4 LPA

The average package of 2.4 LPA indicates that the majority of placements are currently aligned with entry-level service sector roles. It should be noted that the highest package of 6 LPA is relatively low compared to Tier-1 autonomous colleges in the state.

Top recruiters as self-reported by the institution include:

Wipro, TCS, Infosys, HCL, Syntel, Amazon, CSS, Aditya Birla, HDFC, Capgemini, and Jaro Education.

MANDATORY NOTE: All figures are self-reported by the institution.

These outcomes are often a byproduct of the institution's commitment to research and its specialized infrastructure.

10. Knowledge Generation and Innovation

A robust academic ecosystem is supported by research activities and specialized laboratories that move students beyond theoretical knowledge into practical application.

The college recently hosted the Fourth International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2026), indicating active engagement with current academic trends. The institution supports this through a variety of named engineering laboratories, including:

- Civil Engineering Lab, Chemistry Lab, Computer Lab, Design Lab, Electrical Lab, Electronics Lab, Mechanical Lab, Physics Lab, Digital Lab, and the Climatology Lab.

The college also maintains recruitment partnerships with major industry players like HCL, Capgemini, and Amazon. These elements contribute to the broader institutional milestones.

11. Institutional Milestones and Distinctions

Institutional milestones establish long-term credibility and demonstrate a history of compliance with evolving educational standards.

Key distinctions for CARE College of Engineering include:

- **Autonomous Status:** Conferred in 2024 by the UGC and Anna University.
- **International Engagement:** Hosting the ICAISS 2026 conference.
- **Accreditation Stability:** Maintaining NBA accreditation for CSE, ECE, and Mechanical Engineering until 2027.

These achievements underscore the college's development as an evolving technical institution in the Tiruchirappalli region.

12. 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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