

Institutional Profile: C. Abdul Hakeem College of Engineering and Technology (TNEA 1505)

1. Institutional Identity and Admission Framework

For candidates participating in the TNEA 2026 cycle, a college's administrative identity is the foundational metric for application strategy. The TNEA code is the specific key for the counseling portal, while the institution's minority status determines the seat matrix and allocation logic. C. Abdul Hakeem College of Engineering and Technology (CAHCET) is classified as a self-financing Muslim minority institution, which creates distinct entry points for both community-specific and general merit applicants.

Field	Details
Full Name	C. Abdul Hakeem College of Engineering and Technology
Short Name	CAHCET
TNEA Code	1505
Institution Type	Self-Financing (Muslim Minority)
Gender Profile	Co-educational
Affiliated University	Anna University, Chennai (Renewed June 2025)
Principal	Dr. M. Sasikumar, Ph.D. (Electrical and Electronics Engineering)

The admission framework follows the 65/35 split characteristic of minority institutions: **65% of seats are allocated to the Government Quota** via TNEA counseling, while **35% are reserved for the Management Quota**. This structure allows for merit-based admission through state-wide counseling while maintaining the institution's mandate to serve its specific minority community.

This administrative framework is supported by a legacy of educational service that predates the college's founding by over seven decades.

2. Founding Legacy and Institutional Heritage

In the Vellore–Ranipet industrial corridor, institutional age is often a proxy for stability and local industry integration. Educational societies with deep roots tend to have more resilient alumni networks and established operational standards that benefit students during volatile economic cycles.

The college is managed by the Melvisharam Muslim Educational Society (MMES), which was registered on June 2, 1926. After establishing a significant presence in primary and secondary education, the society founded CAHCET in 1998. The institution's objectives are formalized in its mission statement:

"To nurture world class intellectual growth of our students by imparting high quality, futuristic technical education in a cost effective manner."

The society's commitment to professional education is further evidenced by its sister institution on the same campus, the MMES Academy of Architecture (TNEA Code 1147). This historical depth provides a stable regulatory and academic foundation for current technical programs.

3. Regulatory Standing and AICTE Compliance

Active approval from the All India Council for Technical Education (AICTE) is a non-negotiable requirement for any engineering degree to be valid in India. This approval ensures that the curriculum, faculty qualifications, and campus facilities meet the national baseline for technical education, which is essential for public sector employment and global credential evaluation.

C. Abdul Hakeem College of Engineering and Technology maintains full regulatory compliance. The institution holds **AICTE Permanent ID 1-2811578302** and is **APPROVED for the Academic Year 2025-26**. The total AICTE-approved undergraduate intake for the current cycle is 450 seats.

This baseline of national approval is complemented by specialized program-level accreditations.

4. NBA Accreditation: Program-Level Quality

While AICTE approval represents the baseline, National Board of Accreditation (NBA) status signifies that a program meets rigorous global performance standards. For students, graduating from an NBA-accredited branch facilitates smoother admission to international master's programs and enhances eligibility for certain global professional certifications.

At CAHCET, the following program currently holds active accreditation:

Program	Accreditation Status	Validity
B.Tech Information Technology (IT)	Accredited (Tier II)	Until June 2026

The "Tier II" designation for Information Technology indicates that the program's outcomes have been externally validated for quality in teaching-learning processes and infrastructure.

5. National Participation and Ranking Metrics

The National Institutional Ranking Framework (NIRF) serves as a transparency benchmark for technical education. It is critical for parents to distinguish between an institution's "participation" and its "ranking." Participation indicates a commitment to institutional transparency and data sharing with the Ministry of Education.

CAHCET participated in the **NIRF 2025 Engineering** rankings and is listed within the "All Participants" category. The institution similarly participated in the 2024 cycle but was not placed in a specific ranked band. This ongoing involvement provides the institution with the metrics necessary to calibrate its performance against national standards.

6. Academic Portfolio: UG Programs and Intake

The selection of an engineering branch is a pivotal career decision. While "Core" branches like Mechanical and Electrical engineering remain fundamental to industrial infrastructure, "New-Age" branches focusing on data and intelligence are increasingly dominant in the digital economy.

The following undergraduate programs are offered for the upcoming cycle:

Branch Name (Full)	Branch Code	Approved Intake	Status
Computer Science and Engineering	CS	120	Active
Information Technology	IT	120	Active (NBA)
Electronics and Communication Engineering	EC	60	Active
Mechanical Engineering	ME	60	Active
Artificial Intelligence and Data Science	AD	60	New-Age (Est. 2022)
Electrical and Electronics Engineering	EE	30	Active
Civil Engineering	CE	0*	

7. Campus Infrastructure: Residential and Connectivity

For outstation families, a college's residential ecosystem is a primary factor in the decision-making process. On-campus housing provides a safe, structured environment, while connectivity to rail and road hubs determines the ease of access for students across the state.

CAHCET provides **permanent hostel facilities for both boys and girls**. A key feature for many families is the mess facility, which offers **both Vegetarian and Non-Vegetarian** dining options.

Logistically, the campus is located in Hakeem Nagar, Melvisharam. The **Walaja Road Junction is approximately 12 km away**, serving as the primary rail link for the institution. The college also manages a transport network serving the Ranipet and Vellore regions, facilitating access for day scholars.

8. Financial Access: Scholarships and Government Schemes

The Tamil Nadu government provides several financial aid pathways to ensure that engineering education remains affordable. Eligible candidates should identify applicable schemes during the admission phase to manage the cost of education effectively.

Available financial aid categories include:

- **SC/ST Tuition Fee Scholarship:** Full fee waivers for eligible students.
- **BC/MBC/DNC Scholarship:** State-sponsored aid for designated backward classes.
- **First Graduate Scholarship:** Specifically for students who are the first in their family to earn a degree.
- **Post-Matric Minority Scholarship (Central Sector):** Highly relevant for students within this Muslim minority institution.
- **Post-Matric Scholarship for OBC:** Available under central sector guidelines.

Consultant's Note: Parents are advised to contact the college office directly for details regarding "Institutional" or "Management-funded" scholarships, as these are not publicly itemized and vary based on merit and need.

9. Career Outcomes and Placement Metrics

When evaluating placement data, "Average Package" is a more reliable indicator of general success than "Highest Package." Branch-wise metrics also highlight which departments have established the strongest links with specific industrial sectors.

For the TNEA 2025 cycle, the college reported a **60% aggregate placement rate**. However, a strategic audit reveals departmental strengths; for example, the **ECE department achieved a high success rate with 14 out of 17 eligible students placed**.

Branch	Avg. Package (Approx.)	Key Recruiters
Computer Science (CSE)	10 LPA	TCS, Techveel, Pentagon Space
Information Technology (IT)	4 LPA	Technologies Global Pvt Ltd

Electronics (ECE)	4 LPA	ZF Commercial Vehicle Control Systems
Electrical (EEE)	3 LPA	Titan Company Ltd, Delphi-TVS
Mechanical	2.04 LPA	Turbo Energy, India Pistons
Civil	2 LPA	Local Infrastructure firms

Recruiters include a mix of IT services firms and core manufacturing leaders such as Titan and ZF Commercial Vehicle Control Systems.

10. Research, Innovation, and Grant Portfolio

A department's research portfolio is a indicator of faculty technical depth and the quality of mentorship available to students. Funded projects and research centre status reflect an institution's engagement with advanced technology.

CAHCET demonstrates specialized technical depth in several areas:

- **Department of Science and Technology (DST) Grant:** Awarded a **NIDHI PRAYAS grant of ₹5,00,000** in 2024-25 for prototype development.
- **ECE Research Excellence:** The ECE Department is an officially recognized **Anna University Research Centre**. Notably, it has secured **TNSCST student project grants for four consecutive years (2021–2025)**, reflecting high departmental consistency.
- **Patents and Innovation:** Faculty and students have filed patents for a **Solar/Wind Powered Electric Vehicle** and a **Customer Service Chatbot for E-commerce**.

11. Institutional Distinctions and Achievements

Individual excellence and institutional memberships provide final validation of the academic environment. These achievements indicate that students are competing successfully at university and national levels.

- **University Rank:** Student **Eyjaz Ahamed M (EEE)** secured the **1st Rank and Gold Medal** in the 2024 Anna University results.
- **Technical Recognition:** Six Mechanical Engineering students received the **"Best Visual and Documentation Award" at NM-Robothon 2024**.
- **Industry Partnership:** The college is a member of the **AWS Educate** program, providing students with direct access to Amazon's cloud computing resources and learning pathways.

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

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