

Institutional Profile: Adhiyamaan College of Engineering (Autonomous), Hosur

1. Institutional Identity

In the Tamil Nadu engineering admissions landscape, basic institutional identifiers—specifically the TNEA code, autonomous status, and geographic location—serve as the primary indicators of an institution's administrative standing. For prospective students, the TNEA code represents a historical footprint in the counseling system, while Autonomy signals the academic maturity to design industry-responsive curricula. Geographic placement, particularly proximity to industrial corridors, determines the breadth of internship and placement opportunities available to the student body.

Field	Detail
Full Name	Adhiyamaan College of Engineering (Autonomous)
Short Name	ACE Hosur
TNEA Code	2601
Institution Type	Self-Financing Autonomous
NAAC Accreditation	Grade 'A' (3rd Cycle)
City/District	Hosur, Krishnagiri District
Year of Establishment	1987–88

Affiliating University	Anna University, Chennai
Admission Route	TNEA (65% Government Quota, 35% Management Quota)
Gender Profile	Co-educational

The combination of TNEA Code 2601—one of the earliest established codes in the system dating back to the late 1980s—and a 10-year Autonomous status (valid through 2033–34) reflects significant institutional reliability. For Tamil Nadu families, lower/older TNEA codes are often synonymous with established infrastructure and a proven academic track record.

2. Heritage and Founding Objectives

The establishment of Adhiyamaan College of Engineering was a strategic response to the technical education deficit in what were then considered backward regions. Understanding an institution's founding mission provides insight into its long-term commitment to student socio-economic mobility.

Founded by the Adhiyamaan Educational and Research Institution trust in 1987–88, the college was established "to meet the nation's need for technical education and to provide facilities for educating and training men and women to meet entrepreneurial and management needs." It holds the historical distinction of being the first engineering college established in the erstwhile Dharmapuri District.

The strategic impact of the 250-acre campus location abutting NH-7 cannot be overstated. Its historical progression through affiliations—initially with the University of Madras, then Periyar University, and finally Anna University in 2001—demonstrates an ability to maintain high standards across shifting regulatory frameworks.

3. Regulatory Status (AICTE)

AICTE approval is the fundamental legal requirement that validates the engineering degrees granted by an institution. This approval ensures that the college adheres to national norms regarding student intake, faculty qualifications, and infrastructural safety, providing a necessary layer of institutional accountability.

The college has confirmed active AICTE approval for the Academic Year 2025–26. Furthermore, the institution maintains a high level of transparency by publishing its Mandatory Disclosure under the 2024–2027 handbook. This multi-year disclosure

approach is a hallmark of institutional transparency, allowing stakeholders to verify intake capacities and faculty data across a sustained period.

4. National Board of Accreditation (NBA) Standing

While AICTE approval provides the legal license to operate, program-specific NBA accreditation is a voluntary quality benchmark. Accreditation under the NBA indicates that the specific department meets global Tier-1 standards as defined by the Washington Accord, which is a critical factor for students eyeing international careers or higher education.

Accredited Program	Validity Year
B.E. Computer Science and Engineering	2027
B.E. Electronics and Communication Engineering	2027
B.E. Electrical and Electronics Engineering	2027
B.E. Bio Medical Engineering	2027
B.Tech. Bio Technology	2027
B.Tech. Information Technology	2027

The concentration of accreditation in both core engineering (CSE, ECE, EEE) and specialized life-science branches (Bio-Medical, Bio-Technology) suggests a high level of department-level quality. This ensures that the college’s technical delivery is consistent across diverse academic verticals.

5. National Institutional Ranking Framework (NIRF) Performance

While NBA evaluates individual programs, the NIRF serves as the definitive national metric for the entire institutional ecosystem, assessing excellence in teaching, research, and graduation outcomes.

In the **NIRF 2025 Engineering Category**, Adhiyamaan College of Engineering secured **Rank 94** nationally with an overall score of **50.04**.

NIRF Sub-Score Analysis:

- **Teaching, Learning & Resources (TLR):** 52.00
- **Research and Professional Practice (RPC):** 49.66
- **Graduation Outcomes (GO):** 54.04
- **Outreach and Inclusivity (OI):** 59.65
- **Perception:** 34

Securing a position within the national top 100 is a significant achievement for a self-financing institution. The balance between TLR (52.00) and GO (54.04) indicates that the college’s resource investment effectively translates into successful student outcomes, such as placements and advanced study qualifications.

6. Academic Portfolio: Undergraduate Programs (TNEA 2026)

A robust academic portfolio, characterized by diverse branch offerings and substantial seat capacities, allows students to select specializations that align with global industry trends.

Branch Name (Official TNEA Nomenclature)	Branch Code	Intake (2025-26)	NBA Status
Aeronautical Engineering	AE	60	-
Artificial Intelligence and Data Science	AD	120	-
Bio Medical Engineering	BM	60	Accredited
Bio Technology	BT	60	Accredited

Chemical Engineering	CH	30	-
Civil Engineering	CE	30	-
Computer Science and Engineering	CS	180	Accredited
CSE (Artificial Intelligence and Machine Learning)	AM	60	-
CSE (Cyber Security)	SC	120	-
Computer Science and Business Systems	CB	60	-
Electrical and Electronics Engineering	EE	60	Accredited
Electronics and Communication Engineering	EC	180	Accredited
Information Technology	IT	120	Accredited
Mechanical Engineering	ME	60	-

The strategic launch of "new-age" branches such as AI & Data Science (2023), CSE-AIML (2025), and CSE-Cyber Security (2024) demonstrates a clear alignment with the Fourth Industrial Revolution. The high intake in CSE and ECE (180 each) further underscores the institution's capacity to support high-demand tech sectors.

7. Faculty Profile and Instructional Standards

The quality of technical instruction is inextricably linked to faculty-to-student ratios and the academic qualifications of the teaching staff. A lower ratio ensures personalized mentorship and a more rigorous instructional environment.

The institution maintains a **1:15 faculty-student ratio** across all undergraduate engineering programs, adhering to the standard of prioritizing Ph.D. holders for recruitment. The leadership is anchored by Principal Dr. R. Radhakrishnan, who possesses 34 years of experience and 72 published research papers. Furthermore, the ECE department's status as a recognized **Anna University Research Centre** provides an ecosystem where undergraduate students are exposed to high-level research activities.

8. Campus Infrastructure: Residence and Connectivity

Campus logistics—including residential capacity and regional connectivity—are critical factors for student safety and academic focus. From a placement perspective, the college's location is a strategic asset.

- **Residential Facilities:** The campus provides separate hostels with a capacity of 1,000 for boys and 1,500 for girls.
- **Connectivity:** The campus is just 6 km from the Hosur Railway Station and Bus Stand, with direct links to Jolarpettai and Bangalore.

The fact that the girls' hostel capacity (1,500) significantly exceeds the boys' capacity (1,000) is a rare and significant metric in the region, highlighting a strong institutional commitment to gender-inclusive education. Strategically, being just 6 km from the Bangalore border provides students with "dual-state" placement opportunities, tapping into both the Tamil Nadu industrial belt and the Karnataka IT/startup hubs.

9. Scholarships and Financial Access

Government-backed scholarship schemes are vital for reducing the financial barriers to a Tier-1 engineering education, ensuring access for students from diverse socio-economic backgrounds.

Available Schemes include:

- **7.5% Government School Students Scholarship:** A comprehensive scheme covering full tuition and hostel fees for eligible students from TN Government schools.
- **First Graduate Scholarship:** Financial support for first-generation graduates.
- **Post-Matric Scholarship (SC/ST):** Funded by State and Central Governments.
- **Post-Matric Scholarship (BC/MBC):** Aimed at supporting state-identified backward classes.
- **NSP (Minority):** Central Government scholarship for minority communities.

These schemes ensure that the college's high-quality resources remain accessible to a broad spectrum of the Tamil Nadu student population.

10. Research, Innovation, and Industry Linkages

In an innovation-driven economy, students benefit from an environment that supports entrepreneurship and high-level research through institutional incubators and industry MOUs.

The college hosts the **ACE-TBI (Technology Business Incubator)** to nurture on-campus startups. The library is a premier research resource, housing **66,566 eBooks, 7,372 IEEE Journals, and 19,114 J-Gate resources**, providing students with the data depth required for advanced engineering projects.

Key Research & Industry Linkages:

- **SCTIMST-TIMED (Central Govt.):** A 10-year MOU with this **Department of Science and Technology (DST)** linked body for incubation and research.
- **Infosys:** 5-year partnership (valid until 2028) for internships and campus hiring.
- **Biocon Academy:** A 10-year partnership specialized in biotechnology training.
- **Ashok Leyland:** Direct industry collaboration valid through 2026.

11. Institutional Achievements and Distinctions

Synthesizing these various high-level recognitions confirms the institution's standing within the state's technical education hierarchy. Adhiyamaan College of Engineering is positioned as a premier choice within the Krishnagiri-Hosur industrial belt.

Consolidated Quality Markers:

- **NIRF Ranking:** Rank 94 in the National Engineering Category (2025).
- **Institutional Accreditation:** NAAC "A" Grade (3rd Cycle).
- **Autonomy:** 10-year UGC Autonomous status (until 2033–34).
- **Program Quality:** 6 NBA-accredited undergraduate programs.
- **Research Status:** Anna University Research Centre (ECE Department).

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. 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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