

Comprehensive Profile: Alagappa College of Technology (ACT), Chennai

1. Institutional Identity and Admission Profile

Alagappa College of Technology (ACT) holds a distinct and prestigious position within the Tamil Nadu Engineering Admissions (TNEA) ecosystem. Identified by **TNEA Code 2**, it is statistically the second most preferred institutional code in the state, typically only following Code 1 (CEG). As a University Department and constituent college of Anna University, ACT provides students with an elite academic environment at the heart of Chennai's industrial and research corridor. Its location on the 189-acre Guindy campus offers a strategic advantage, placing it in immediate proximity to the IIT-Madras Research Park and major technical clusters.

Institutional Data Profile (TNEA 2026):

Field	Details
Full Name	Alagappa College of Technology, Anna University
Short Name	ACT / ACTECH
TNEA Code	2
Type	University Department — Constituent College of Anna University
Admission Route	TNEA (100% University Quota; No Management Quota)
Gender Profile	Co-educational
Affiliation	Anna University, Chennai

For 2026 aspirants, the "No Management Quota" status is a critical indicator of institutional integrity. In this merit-only landscape, the "Cutoff" is the sole currency for admission. This policy ensures a peer group of the highest caliber, reinforcing the prestige of the degree and the competitive rigor of the student body.

2. Founding Legacy and Heritage

Established in 1944, ACT's mission was forged through the visionary philanthropy of Vallal Dr. Alagappa Chettiar. While many modern institutions focus on high-margin IT streams, ACT's philanthropic roots established a culture of "Technology for Society." This legacy is why the institution remains the state's primary guardian of core industrial disciplines like Leather, Textile, and Chemical Engineering, prioritizing long-term industrial self-reliance over educational trends.

Institutional Milestones:

- **1944:** Founding and establishment of the Chemical Engineering department under the University of Madras.
- **1945:** Establishment of the Textile Technology department.
- **1978:** Formal integration into the newly established Anna University.
- **1996 – 2013:** Strategic expansion into Ceramic Technology (1996) and Pharmaceutical Technology (2013).

- **National First:** ACT holds the distinction of launching the **M.Tech in Computational Biology**, the first program of its kind in India, in collaboration with the Department of Biotechnology (DBT).

This historical foundation of being a "first-mover" in specialized technology provides the framework for its current status in national regulatory hierarchies.

3. Regulatory Compliance and Accreditations

As a constituent department of a premier state public university, ACT's academic validity is anchored to the parent university's accreditation. This "university department" status ensures that students graduate with a degree from Anna University, a benchmark recognized globally for its engineering standards.

Regulatory Standing (AY 2025-26):

- **AICTE:** The institution is **APPROVED** for the 2025-26 academic year with a total sanctioned undergraduate intake of **590 seats**.
- **NAAC:** Anna University holds a **Grade A++** accreditation with a CGPA of **3.67/4.00** (Cycle 4), valid until **June 2026**.

Note to Parents: While ACT is a distinct campus, it operates under the **overarching AICTE and NAAC umbrella of Anna University**. This integration ensures that the college adheres to the highest state-mandated standards for faculty recruitment and curriculum development.

4. Global and National Rankings

For families considering future prospects, these rankings represent the "global mobility" value of the degree. A high ranking in the QS World University system (465th globally) makes ACT graduates recognized entities for international admissions committees when applying for MS or PhD programs abroad.

Ranking Body	Category/Level	Rank
NIRF 2025	Engineering	Rank 20
NIRF 2025	State Public University	Rank 2
QS World 2026	Global	465th (10th in India)
The Week 2024	Overall University	7

The stability of the **NIRF Engineering Rank at 20** (unchanged from 2024 to 2025) signals a consistent institutional performance that few other colleges in Tamil Nadu can claim.

5. Academic Portfolio: B.Tech Programs (TNEA 2026)

ACT employs a "Blue Ocean" academic strategy. While hundreds of thousands of students across the state compete for generic IT-related jobs, ACT focuses on niche "core" sectors. By graduating with a B.Tech in Leather or Ceramic Technology from a top-tier university, students benefit from a high supply-demand advantage, often entering industries where specialized talent is scarce.

B.Tech Programs and Sanctioned Intake:

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Branch Name	Branch Code	Approved Intake
Chemical Engineering	CH	60
Chemical Engineering (Self-Supported)	CL	60
Ceramic Technology (Self-Supported)	CR	60
Fashion and Apparel Technology (Self-Supported)	FS	40
Industrial Biotechnology	IB	40
Industrial Safety (Self-Supported)	IS	20
Leather Technology	LE	60
Petroleum Engineering & Technology (Self-Supported)	PP	60
Textile Technology	TX	60
Apparel Technology (Self-Supported)	AP	30
Pharmaceutical Technology (Self-Supported)	PM	60

Academic Note: The total UG intake is 590 seats. No Tamil Medium or "New-Age" (post-2018) branches like AIML or Data Science are offered here, as the institution maintains its focus on established, research-heavy engineering disciplines.

Transition: Supporting these specialized academic branches requires extensive, industry-grade facilities and a vast campus infrastructure.

6. Campus Infrastructure and Student Life

ACT students benefit from the massive scale of the 189-acre Anna University Guindy campus. The strategic benefit of this location is the shared resource model, where students have access to facilities far beyond what a standalone college could provide.

Key Infrastructure Facts:

- **Hostels:** Separate residential blocks for boys and girls are maintained on-site. Options include **AC and Non-AC** rooms, with mess facilities catering to both **Vegetarian and Non-Vegetarian** preferences.
- **Shared Scale:** Access to the **4,122 sq.m. Central Library**, a state-of-the-art Gym, and a dedicated Medical Health Centre.

Connectivity Note for Day Scholars: There is **no college-operated bus service**. However, the campus is a hub for public transit.

- **Guindy Railway Station (Suburban/MRTS):** 3 km away.
- **Little Mount Metro (Corridor 1):** 1.5 to 2 km away. Both systems provide high-frequency access to the campus gates, making it ideal for students commuting from across the Chennai Metropolitan Area.

7. Scholarships and Financial Access

As a state-run university department, ACT serves as an essential "Safety Net," offering one of the most affordable high-tier engineering educations in India. Merit is not sidelined by financial status.

Eligible Scholarship Categories:

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- **SC/ST Tuition Fee Scholarship:** Government of Tamil Nadu.
- **BC/MBC/DNC Scholarship:** Government of Tamil Nadu.
- **First Graduate Scholarship:** For students who are the first in their family to pursue a degree.
- **Central Sector Post-Matric Schemes:** Available via the National Scholarship Portal (NSP).

8. Research, Innovation, and Achievements

ACT is a research-intensive environment where academic output has tangible economic value. The university reported a **patent commercialization income of ₹39.2 lakh** in 2023, a high-impact indicator of the industry-readiness of the faculty and laboratory facilities.

Prominent Research Hubs:

- **Crystal Growth Centre:** A national leader in advanced materials.
- **Centre for Nano Science and Technology:** Supported by the DST-Nanomission.
- **Centre for Food Technology:** Focused on specialized processing and safety.

Notable Institutional Achievements:

- The **BIRAC-DBT University Innovation Cluster** at the Centre for Biotechnology validates the college's standing in the biotech sector.
- Long-standing industry support, such as the ₹50 lakh endowment from **Carborundum Universal Ltd** for the Ceramic Technology program.

9. Notable Alumni (Engineering Excellence)

The long-term Return on Investment (ROI) of an ACT degree is proven by the dominance of its graduates in both global academia and the leadership of Forbes-ranked corporations.

Name	Graduation Period	Notable Role / Company
Dr. M.S. Ananth	UG 1962 (Chemical)	Former Director, IIT Madras
N. Srinivasan	UG 1960 (Chemical)	Vice Chairman & MD, India Cements (Forbes-Ranked)
M.M. Murugappan	UG 1976 (Chemical)	Chairman, Murugappa Group (Forbes-Ranked)
P.R. Venketrama Raja	UG 1971 (Chemical)	Chairman, Ramco Cements (Forbes-Ranked)
N. Sankar	UG ~1965 (Chemical)	Founder, Chemplast Sanmar (Forbes-Ranked)

10. Closing Remarks and Mandatory Disclaimer

For TNEA 2026, Alagappa College of Technology stands as the premier destination for students seeking a merit-driven, affordable, and specialized engineering education within the high-resource ecosystem of Anna University.

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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