

Institutional Profile: Arunachala College of Engineering for Women (TNEA Code: 4944)

1. Institutional Identity and Administrative Framework

Arunachala College of Engineering for Women (ACEW) occupies a unique strategic position as the first and only engineering institution exclusively for women in the Kanyakumari district. For families in South Tamil Nadu, the college functions as a specialized technical ecosystem that prioritizes security and gender-exclusive professional development. Administratively, the institution distinguishes itself by being governed by a trust of academicians and professionals, offering a level of institutional stability that is often a primary concern for parents navigating the self-financing sector.

Core Institutional Identity	Details
Full Name	Arunachala College of Engineering for Women
Short Name	ACEW
TNEA Code	4944
Institution Type	Private Self-Financing
City	Nagercoil (Vellichanthai)
Founding Year	2009
Affiliated University	Anna University, Chennai

Admission Route	TNEA (Tamil Nadu Engineering Admissions)
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The institution's administrative continuity is a direct result of its founding leadership and a focused regional mission.

2. Founding Heritage and Institutional Mission

ACEW was established in 2009 by the Thottam Madhavan Educational and Charitable Trust to address a critical gap in the South Tamil Nadu educational landscape. Before its inception, female students in the Kanyakumari region seeking technical education were frequently required to migrate to distant urban hubs. The college was designed to internalize high-tier engineering training within a local, women-centric environment.

- **Founder:** Dr. T. Krishnaswamy
- **Trust Name:** Thottam Madhavan Educational and Charitable Trust
- **Institutional Mission:** To inculcate value-based technical education and produce outstanding women graduates to compete with the global community, while establishing higher learning, proficient research skills, and social empowerment through excellence.

The institution has evolved from a foundational UG provider to a multi-tiered research college:

- **2009:** Commenced operations with four undergraduate programs and an initial intake of 300 students.
- **Current Status:** Offers six B.E./B.Tech programs, five M.E. programs, MBA, MCA, and Ph.D. programs in ECE and EEE.

This expansion is underpinned by a robust national regulatory standing.

3. Regulatory Approvals and Quality Accreditations

For parents evaluating the 2026 admissions cycle, AICTE and NAAC statuses are non-negotiable benchmarks for quality assurance. These certifications confirm that the college meets rigorous national standards for faculty qualifications, infrastructure, and pedagogical processes.

National Regulatory Status

The institution is fully approved by the All India Council for Technical Education (AICTE). **The approval is currently valid and active for the Academic Year 2025-26.**

National Assessment and Accreditation Council (NAAC)

In its first cycle of assessment, ACEW secured a performance tier that places it at the top of its category:

- **Grade:** A
- **CGPA:** 3.24 out of 4.00
- **Analyst Insight:** A CGPA of 3.24 represents the maximum achievable performance within the 'A' grade band (3.01–3.50). This indicates the college is performing at the threshold of an 'A+' rating, a significant distinction for a regional self-financing institution.
- **Validity:** This accreditation is valid through **September 2029**.

This quality benchmark is reflected in the college's standing across multiple ranking platforms.

4. Institutional Rankings and Recognition

Institutional rankings provide an objective longitudinal view of academic consistency. ACEW maintains a dominant position in the regional rankings and is increasingly visible on the national stage.

Performance Rankings and National Recognition | Awarding Body / Metric | Ranking / Recognition | Year | | :--- | :--- | :--- | | Anna University | Rank #1 — Women's Engineering Colleges in Tamil Nadu | 2013–2024 | | Anna University | Rank #2 — All Engineering Colleges in Tamil Nadu* | Cumulative | | Anna University | Rank #1 — All Engineering Colleges in South Tamil Nadu | 2024 Batch | | ISTE, New Delhi | Best Women's Engineering College in India | 2019 | | NIRF (Engineering Category) | 200–300 Band | 2024–2025 | | Anna University | 230+ University Ranks & 6 Gold Medals | Cumulative | | Tamil Nadu Government | Recognized Startup TN Incubation Center | Current |
*State-wide rank as self-reported by the institution.

These rankings provide context for the specific undergraduate programs available through TNEA.

5. Undergraduate Program Portfolio (TNEA 2026)

The UG portfolio at ACEW has shifted toward high-growth technology sectors. The college has balanced its traditional electronics foundation with significant seat allocations in Artificial Intelligence and Data Science.

Branch Name	TNEA Branch Code	AICTE Sanctioned Intake
B.E. Computer Science and Engineering	CS	240
B.Tech Artificial Intelligence and Data Science	AD	240
B.E. Electronics and Communication Engineering	EC	120
B.Tech Information Technology	IT	120
B.E. Electrical and Electronics Engineering	EE	60

New-Age Technology Branches (Established 2018+)

- **Artificial Intelligence and Data Science (AD):** Established 2021
- **Information Technology (IT):** Established 2022

Critical Verification Alert (Civil Engineering): While B.E. Civil Engineering appears in faculty and recruitment records, it is currently not assigned a primary TNEA branch code in the latest data extracts. Candidates must verify its availability directly with the college for the 2026 cycle.

Analyst's Note on Enrollment Utilization: While the AICTE sanctioned intake is 780, NIRF data from the most recent cycle indicates an actual first-year enrollment of 261. This suggests high seat availability and potential flexibility in admissions for candidates in middle-to-lower cutoff brackets.

6. Campus Infrastructure: Residential and Logistics

For a women-only institution, the campus environment must serve as a secure, self-contained ecosystem. ACEW's suburban location in Vellichanthalai provides a distraction-free setting while maintaining accessibility.

Residential Facilities

The college operates a permanent, on-campus Girls' Hostel.

- **Fee Components (Per Year):**
 - Room Rent: ₹30,000
 - Establishment Charges: ₹30,000
 - Electricity Charges: ₹3,000
 - Admission Fees: ₹10,000 (one-time)
 - Caution Deposit: ₹5,000 (refundable)
- **Mess:** Provides both Vegetarian and Non-Vegetarian options.

Transport and Connectivity

- **Transport Charges:** ₹12,000 to ₹48,000 per year (depending on distance).
- **Nearest Railway Hub:** Eraniel Station (5–7 km).
- **Distance from Nagercoil:** Approximately 10 km.

The college's financial infrastructure also includes dedicated support for government scholarship facilitation.

7. Financial Access and Government Scholarship Schemes

ACEW actively facilitates access to state and central financial aid. To ensure administrative compliance, the college maintains a **dedicated committee for SC/ST students** to assist with fee waivers and scholarship processing.

- First Graduate Scholarship (Tamil Nadu Government)
- BC/MBC/DNC Scholarship
- SC/ST Scholarship
- Minority Scholarship
- Post-Matric Scholarship (Central/State)

These government schemes are available to eligible students at this institution.

8. Career Outcomes and Placement Metrics

The college's placement strategy is built on regional exclusivity and high eligibility-to-hire ratios. The primary "de-risking factor" for students is the institution's **MOU with Cognizant (CTS)** for the GenC Next program, which is a regional exclusive for South Tamil Nadu.

Placement Statistics

- **Placement Success (Eligible Students):** 99.4%

- **Total Batch Placement Rate:** ~76% (Note: 24% of the batch opted for Higher Studies or were not in the placement pool).
- **Median Salary:** ₹3.50 LPA.
- **Top Tier 1 Recruiters:** TCS, Cognizant, Infosys, Wipro, Capgemini, Amazon, and Accenture.

All figures are self-reported by the institution.

9. Research, Innovation, and Industrial Linkages

Modern engineering requires exposure beyond the classroom. ACEW has developed a research ecosystem recognized by Anna University, which directly impacts student project quality and international mobility.

- **Anna University Recognized Research Centres:** ECE and EEE Departments.
- **International Mobility:** One-week student exchange program with NUS Singapore (AI and Electric Vehicles).
- **Research & Innovation Highlights:**
 - **Patents:** Two published patents (2021) in IoT health safety and robotic pesticide systems.
 - **Student Innovation:** Developed the "Automatic Detection of Obstacles in Railway Track" system.
 - **Grants:** AICTE-sponsored research for Fetal ECG extraction and Soft Switching in DC-DC converters.

10. Comprehensive Institutional Achievements

The college's reputation is sustained by a series of unique distinctions that differentiate it from other regional self-financing institutions.

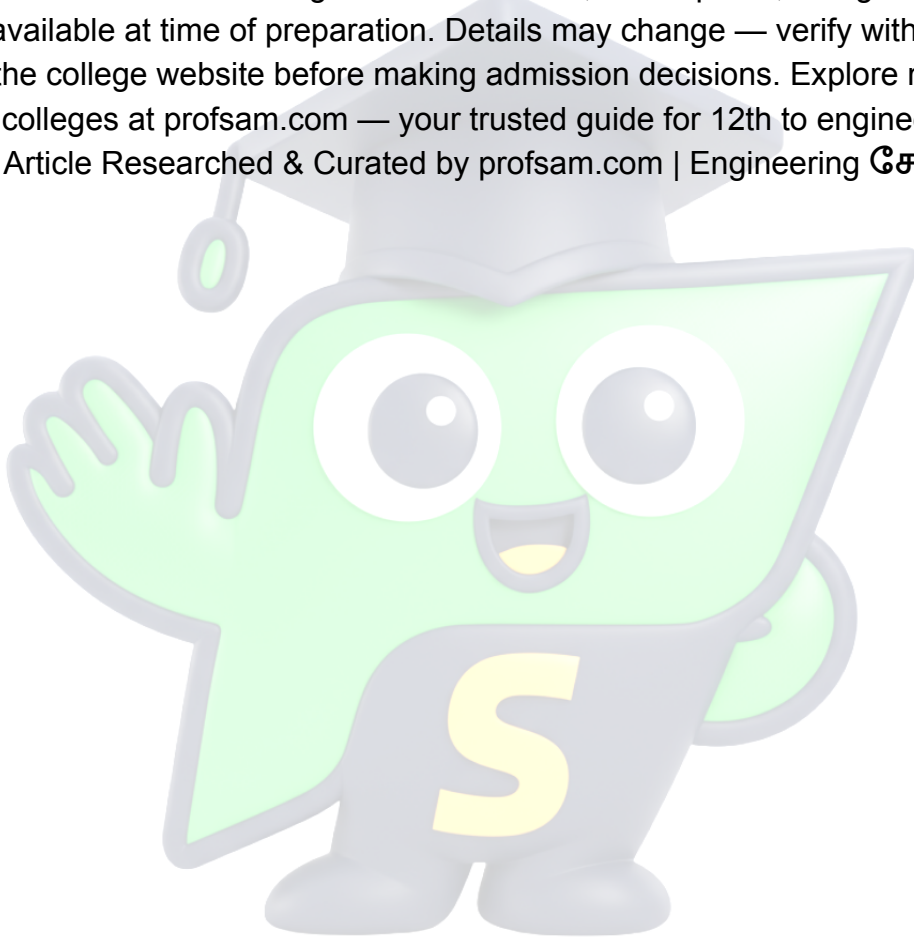
- **State Innovation Hub:** Designated as a **Startup TN Incubation Center** by the Tamil Nadu Government.
- **Global Exposure:** One of the few regional colleges providing a structured academic exchange with **NUS Singapore**.
- **Academic Excellence:** Produced 230+ University Ranks and 6 Gold Medals under the Anna University curriculum.
- **Professional Recognition:** Recipient of 43 national awards from bodies including ISTE, IEEE, and IET.

11. Distinguished Alumni Profile

Alumni performance in civil services is a high-tier indicator of an institution's focus on holistic leadership and competitive exam preparation.

- **Ms. R. Sheeja (2018 Batch, B.E. EEE):** Appointed as **Deputy Collector** after securing the **9th statewide rank** in the TNPSC Group I examination. This outcome underscores the college's ability to support career trajectories beyond corporate engineering roles.

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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