

Comprehensive Profile: A.R.J College of Engineering and Technology (TNEA 3821)

Section 1: Institutional Identity and Admission Profile

In the Tamil Nadu Engineering Admissions (TNEA) single-window system, precise institutional identification is the first step in a successful admission strategy. Candidates and parents must use the TNEA counseling code as the primary key to ensure they are selecting the correct campus. A.R.J College of Engineering and Technology (ARJCET) is an established self-financing institution that provides a structured technical pathway for students in the Thiruvarur region.

Core Institutional Data:

- **Full Name:** A.R.J College of Engineering and Technology
- **Short Name:** ARJCET
- **TNEA Counseling Code:** 3821
- **Institution Type:** Self-Financing, Non-Minority
- **Gender Profile:** Co-educational
- **Affiliated University:** Anna University, Chennai
- **Location:** Mannargudi, Thiruvarur District

[!CAUTION] **Administrative Warning: Pincode Discrepancy** Official records indicate a discrepancy in the institution's postal code. The TNEA 2025 college list records the pincode as **614016**, whereas the college's internal documentation specifies **614001**. Parents should verify the exact pincode with the college administration before dispatching physical certificates or sensitive documents via post.

Strategic Implications of Admission Status As a self-financing, non-minority institution, approximately 65% of ARJCET's seats are allocated to the Government Quota and filled strictly via TNEA rank-based communal rotation (OC, BC, MBC, SC/ST). The "Non-Minority" status is significant for applicants to note, as it means there are no religious or linguistic reservations; admissions are determined solely by communal reservation categories and academic merit.

This institutional identity is rooted in a specific mission to provide localized technical education.

Section 2: Foundation and Rural Mission (Rule 9)

Educational trusts in the Thiruvavur district serve as vital infrastructure for expanding technical access. By establishing institutions within rural belts, these trusts reduce the travel and residential costs that often prevent students from pursuing engineering in urban centers.

Foundational Facts:

- **Founder:** Shri Kalvijothi K. M. Ayyanathan
- **Managing Trust:** Annai Ammani Ammal Educational and Charitable Trust (Established 2000)
- **Mission:** To address hurdles faced by rural and first-generation learners in the Thiruvavur and Thanjavur districts.

Institutional Heritage ARJCET was established in the academic year 2002–03 as the flagship institution of the trust. It served as the foundation and anchor for the subsequent development of the A.R.J Technical Campus, which now includes Polytechnic, Management, and Public School facilities within a unified 24.25-acre environment. This heritage establishes the college as the senior technical entity within its local educational ecosystem.

The college's history is matched by its adherence to national regulatory standards.

Section 3: Regulatory Standing and AICTE Approval (Rule 3)

Approval from the All India Council for Technical Education (AICTE) is the non-negotiable baseline for the validity of any technical degree in India. This approval ensures that the institution meets national mandates for curriculum delivery, faculty qualifications, and infrastructural safety.

Regulatory Confirmation: A.R.J College of Engineering and Technology is an **AICTE-approved institution** for the 2025-26 academic year. This status is verified by the college's inclusion in the official TNEA 2025 sanctioned intake list, which serves as the de facto confirmation for the upcoming cycle.

Implications of AICTE Approval:

- **Degree Validity:** Ensures that the B.E. and B.Tech degrees are recognized for government employment and professional registration.
- **Professional Eligibility:** Maintains the necessary standards required for graduates to apply for national-level competitive exams such as GATE.

This regulatory framework supports a diverse portfolio of undergraduate engineering programs.

Section 8: Undergraduate Program Portfolio and Seat Matrix

The sanctioned intake and the distribution of seats across branches reflect an institution's strategic response to industrial shifts. Current trends indicate a move toward interdisciplinary branches that combine traditional engineering with data-centric technologies.

Academic Year 2025 Sanctioned Intake:

Branch Name	TNEA Branch Code	Sanctioned Intake (2025)
Computer Science and Engineering	CS	90
Electronics and Communication Engineering	EC	60
Agricultural Engineering	AG	60
Biomedical Engineering	BM	60
Artificial Intelligence and Data Science	AD	60
Civil Engineering	CE	30
Electrical and Electronics Engineering	EE	30
Mechanical Engineering	ME	30
Total Sanctioned Intake		420

New-Age Engineering Pathways ARJCET has expanded its portfolio to include specialized sectors:

- **Artificial Intelligence and Data Science (Started 2023):** Addresses the demand for data-centric expertise.
- **Biomedical Engineering (Started 2022):** Intersects clinical healthcare with technical design.
- **Agricultural Engineering (Started 2022):** This program is strategically aligned with the agrarian economy of Thiruvarur, providing specialized technical support for regional industry.

Strategic Analysis: The concentration of seats in Computer Science and new-age branches (AD, BM, AG) accounts for over 64% of the total intake. This reflects an institutional pivot toward digital and specialized technology sectors, directly addressing regional industrial demands.

Section 11: Hostel Facilities and Campus Infrastructure

On-campus residency significantly impacts student safety and academic focus, particularly for those coming from outside the immediate district.

Residential and Campus Details:

- **Scale:** The campus covers approximately 24.25 acres.
- **Hostel Provision:** Permanent on-campus hostel buildings are available for both boys and girls.
- **Catering:** Mess facilities provide both Vegetarian and Non-Vegetarian options.
- **Academic Resources:** The library facilities include DELNET membership for digital research access.

Safety and Infrastructure Analysis: The "Permanent" status of the hostel buildings (per TNEA 2025 records) is a critical safety metric. Permanent structures imply a higher standard of structural stability and more rigorous institutional oversight compared to colleges that utilize rented, off-campus residential facilities. This provides a more stable and secure environment for rural engineering education.

Section 12: Transport and Regional Connectivity

Reliable transport is essential for day scholars in the Thiruvarur-Mannargudi belt. Accessibility to major transit hubs determines the feasibility of the daily commute for local candidates.

Connectivity Data:

- **Transport Service:** The college operates its own fleet of buses.
- **Nearest Rail Station:** Mannargudi Railway Station (7 km from campus).
- **District Proximity:** 33 km from Thiruvarur (District Headquarters).

Strategic Accessibility Assessment: While located in the Thiruvarur district, the college's proximity (7 km) to the Mannargudi Rail Station makes it a **Mannargudi-centric** choice. Parents and students should evaluate commute times and logistics from the Mannargudi hub rather than the district capital of Thiruvarur. The Edayarnatham campus is positioned on the Thirumakkottai Main Road, facilitating road access from neighboring regions.

Section 13: Financial Access and Scholarship Support

While self-financing institutions operate under set fee structures, government-backed financial aid remains the primary mechanism for lowering the barrier to entry for eligible students.

Available Financial Support Schemes:

- **First Graduate Tuition Fee Concession (Tamil Nadu):** The primary financial tool for supporting first-generation learners. For eligible rural students, this concession often makes the cost of a self-financing college comparable to government-aided institutions.
- **Post-Matric Scholarship for SC/SCA/ST Students:** Administered for eligible students via the Adi Dravidar and Tribal Welfare Department.
- **BC/MBC/DNC Scholarship:** State-sponsored support for Backward and Most Backward classes.
- **Central Sector Scholarship Scheme (NSP):** A merit-based national scheme available via the National Scholarship Portal.

Strategic Summary for the 2026 Aspirant: A.R.J College of Engineering and Technology serves as a regional hub with a clear focus on emerging disciplines like Agricultural Engineering and AI. Its flagship status within the trust and its alignment with the regional agrarian economy make it a specific strategic choice for students in the Thiruvavur-Mannargudi belt.

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.

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