

# Institutional Profile: Ultra College of Engineering and Technology (TNEA Code 5942)

## 1. Institutional Identity and Admission Framework

For aspirants navigating the TNEA 2026 admissions cycle, understanding an institution's foundational identity is a critical first step. An institution's TNEA code and administrative structure define the parameters of the application process and the legal standing of the degree awarded. Ultra College of Engineering and Technology (UCETW) operates within a well-defined framework that balances government-regulated admissions with institutional autonomy.

| Field                         | Details                                                       |
|-------------------------------|---------------------------------------------------------------|
| <b>Full Official Name</b>     | Ultra College of Engineering and Technology                   |
| <b>Short Name</b>             | UCETW                                                         |
| <b>TNEA Code</b>              | 5942                                                          |
| <b>Institution Type</b>       | Self-Financing                                                |
| <b>District</b>               | Madurai                                                       |
| <b>Location</b>               | 69/1A, Ultra Nagar, Madurai – Chennai Highway Road, Kodikulam |
| <b>Affiliating University</b> | Anna University, Chennai                                      |
| <b>Principal</b>              | Dr. V. Srinivasa Raman                                        |
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**Admission Route:** Admissions are strictly governed by the Tamil Nadu Engineering Admissions (TNEA) process. The seat matrix follows the statutory split: 65% of seats are reserved for the Government Quota (Counseling), while the remaining 35% are allocated via the Management Quota.

**Gender Profile Transition:** While the institution was originally established as a dedicated women's engineering college, it currently admits both male and female students (Co-Education) as per the current TNEA listings.

**So What?** The 65/35 seat distribution ensures that the majority of the intake remains accessible via the merit-based state counseling system. Strategically, the college's location in

Kodikulam on the Madurai-Chennai Highway provides a significant logistical advantage. For parents and students, this positioning makes the campus easily accessible for those residing in Madurai city and for regional students traveling from the northern districts of Tamil Nadu.

**Connective Tissue:** To evaluate the current stability of the institution, one must look at the trust-based governance and the historical mission that shaped its development.

## 2. Institutional Heritage and Founding Objectives

From an institutional audit perspective, trust-based governance provides a bedrock of stability. The longevity of a sponsoring body frequently correlates with the continuity of academic standards and the preservation of institutional memory. Ultra College of Engineering and Technology benefits from the oversight of a trust with over four decades of presence in the professional education sector.

- **Founding Facts:** The college was established in the 2009-10 academic year by Prof. K.R. Arumugam, Founder Chairman of the **ULTRA Trust**, which itself was founded in 1981.
- **Original Mission:** The institution was specifically designed to provide high-quality engineering education to women in Madurai and its surrounding rural districts.
- **Historical Distinction:** At its inception, UCETW held the distinction of being the first women's engineering college in Madurai to offer a Mechanical Engineering program—a field traditionally underrepresented by female students in the region.

**So What?** The ULTRA Trust's presence in the education sector since 1981 suggests deep-rooted organizational resilience. For prospective students, this long-standing governance model implies a level of institutional stability that is essential for the four-year commitment required for an engineering degree.

**Connective Tissue:** This historical stability is reinforced by the college's adherence to the national regulatory standards that govern modern technical education.

## 3. Regulatory Status: AICTE Approval

In the landscape of Indian technical education, valid regulatory approvals are the non-negotiable baseline. Without these credentials, a degree lacks the legal standing required for professional practice, postgraduate studies, or government employment.

Ultra College of Engineering and Technology has confirmed its AICTE (All India Council for Technical Education) approval for the AY 2025-26 cycle, as evidenced by TNEA documentation. This approval ensures the institution meets the mandatory national standards for infrastructure, faculty-to-student ratios, and curriculum delivery.

**So What?** Maintaining AICTE approval is fundamental to the validity of the degree. It ensures that graduates are eligible for state and central government schemes, competitive examinations like GATE, and recruitment by Public Sector Undertakings (PSUs).

**Connective Tissue:** Beyond regulatory compliance, the academic value of the institution is defined by the specific branches of engineering it offers and the seat capacity available for the upcoming counseling cycle.

#### 4. B.E. / B.Tech Academic Programs (TNEA 2026)

Branch selection and the corresponding seat capacity are pivotal factors in the TNEA counseling process. A diverse program mix allows students to choose between established core engineering disciplines and emerging technology sectors.

| Branch Name                               | Branch Code | Approved Intake | Year Started |
|-------------------------------------------|-------------|-----------------|--------------|
| Computer Science and Engineering          | CS          | 60              | 2009         |
| Electronics and Communication Engineering | EC          | 60              | 2009         |
| Electrical and Electronics Engineering    | EE          | 30              | 2009         |
| Mechanical Engineering                    | ME          | 30              | 2009         |
| Information Technology                    | IT          | 60              | 2011         |
| Civil Engineering                         | CE          | 30              | 2013         |
| Artificial Intelligence and Data Science* | AD          | 60              | 2025         |

**So What?** The program mix at UCETW balances traditional core branches (Civil, Mechanical, EEE) with high-demand computing sectors. Notably, the introduction of the Artificial Intelligence and Data Science (AD) branch in 2025 marks a "foundational year" for the department. For aspirants, this suggests an institutional shift toward "new-age" industry trends, typically accompanied by the recruitment of specialized faculty and the establishment of new, modern laboratory facilities.

**Connective Tissue:** While academic programs define the curriculum, the physical infrastructure of the campus supports the daily lived experience of the students.

#### 5. Campus Infrastructure and Residential Facilities

For outstation students, campus facilities are more than amenities; they constitute a primary learning environment. Robust infrastructure is essential for fostering a focused and safe academic atmosphere.

The institution provides **permanent** residential facilities for both boys and girls. A key feature of the hostel arrangement is the provision of a **vegetarian mess**, catering to the dietary preferences and requirements of the residents.

**So What?** The provision of permanent, vegetarian residential facilities significantly impacts the accessibility of the college for conservative Tamil Nadu households. For families prioritizing a secure, culturally aligned, and stable living environment—rather than temporary or rented off-campus housing—this infrastructure simplifies the admission decision-making process.

**Connective Tissue:** Complementing the residential experience is the logistical framework that ensures the campus remains connected to the broader region.

## 6. Connectivity and Transport Logistics

There is a direct correlation between campus accessibility and student convenience. An institution's proximity to major transit hubs determines the ease with which day scholars can commute and outstation students can travel home during holidays.

- **Transport Availability:** Dedicated college-operated transport facilities are available.
- **Proximity Markers:**
  - **Madurai Junction (Railway):** Approximately 10 km
  - **Madurai Mattuthavani Bus Stand:** Approximately 6 km
  - **District Headquarters (Madurai):** 6 km

**So What?** The college's location on the Madurai-Chennai Highway serves as a strategic asset. By being situated within 6 km of the Mattuthavani Bus Stand—a major transit hub for southern Tamil Nadu—the institution effectively serves a dual audience: city-resident day scholars and regional students from surrounding districts who utilize the highway's extensive bus network for commuting.

**Connective Tissue:** Alongside physical accessibility, the institution facilitates financial accessibility through various government support systems.

## 7. Financial Access and Scholarship Support

Government financial aid plays a transformative role in making professional engineering education accessible to a diverse demographic. These schemes are vital for ensuring that merit remains the primary driver of enrollment regardless of financial standing.

The following schemes are **available to eligible students at this institution:**

- **SC/ST Tuition Fee Scholarship:** Targeted support for students from Scheduled Castes and Scheduled Tribes.

- **BC/MBC Tuition Fee Concession:** Financial relief for Backward Class and Most Backward Class students meeting income criteria.
- **Post-Matric Scholarship for Minorities:** Federal and state support for students from notified minority communities.
- **First Graduate Scholarship:** Specifically designed for students who are the first in their family to pursue a degree.

**So What?** The availability of these state and central schemes at UCETW significantly reduces the financial burden on families from diverse socio-economic backgrounds. By integrating these scholarships into the admission framework, the institution maintains a socio-economically inclusive student body, reinforcing its mission of accessible professional education.

## 8. 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.

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