

Institutional Profile: Annai Mathammal Sheela Engineering College (TNEA Code 2602)

1. Institutional Identity and Admission Framework

Verification of a college's basic identity and TNEA credentials is a mandatory due diligence step for candidates before the counseling process commences. This ensures that the institution operates within the regulated seat-sharing framework and holds current affiliation. Annai Mathammal Sheela Engineering College (AMSEC) is a private, non-autonomous institution that follows the state-mandated admission protocols for self-financing colleges.

Field	Details
Full Name	Annai Mathammal Sheela Engineering College
Short Name	AMSEC
TNEA Code	2602
Institution Type	Self-Financing (Private, Non-Autonomous)
City	Namakkal
Year Established	1996
Affiliated University	Anna University, Chennai

Admission Route	TNEA (Tamil Nadu Engineering Admissions) — Government quota 65% + Management quota 35%
Gender Profile	Co-educational

Established in 1996, the institution has maintained a long-standing presence in the Namakkal educational landscape for three decades.

2. Founding Heritage and Mission

An institution's founding history reflects its long-term commitment to regional educational access, particularly in rural corridors where technical training centers are essential for local development.

AMSEC was founded by the Mathammal Sheela Charitable Trust under the leadership of the late Smt. Mathammal Sheela and the late Sri T. A. Palaniappa Devasagayam. Located on Thuraiyur Road at Erumapatty, the college was established with a mission to serve the rural belt surrounding Namakkal. The campus currently extends over approximately 100 acres. A notable historical milestone includes the graduation of its first batch of engineers and the subsequent inauguration of the AMSEC Alumni Association in 2001. This legacy provides the context for the current regulatory and academic framework of the campus.

3. Regulatory Compliance (AICTE)

Current-year AICTE approval is the non-negotiable baseline for the validity of technical education in India. It serves as an auditor's confirmation that the institution adheres to the minimum infrastructure and faculty requirements set by the national regulator.

For the Academic Year 2025-26, Annai Mathammal Sheela Engineering College holds official AICTE approval (Permanent ID: Southern/1-9318930955/2021/EOA). The total approved undergraduate (UG) intake for this cycle is 330 seats. For an institution established in 1996, this 330-seat intake indicates a consolidated operation rather than a large-scale expansion, focusing on a specific portfolio of academic programs.

4. Undergraduate (B.E. / B.Tech) Program Portfolio

Engineering education has transitioned toward curriculum diversification, where institutions balance core disciplines with market-aligned specializations. For students, this shift impacts career trajectories by aligning academic training with contemporary industry requirements.

The following table outlines the 8 branches available for the TNEA 2026 cycle:

Branch Name	Branch Code	Approved Intake	Year Started
Computer Science and Engineering	CS	60	1996
Information Technology	IT	60	2022
Medical Electronics Engineering	MD	60	2019
Artificial Intelligence and Data Science	AD	30	2022
Agricultural Engineering	AG	30	2022
Electronics and Communication Engineering	EC	30	1996
Mechanical Engineering	ME	30	2004
Robotics and Automation	RM	30	2022

Emerging / New-Age Branches (Introduced 2019–2022):

- Artificial Intelligence and Data Science (2022)
- Robotics and Automation (2022)
- Agricultural Engineering (2022)
- Information Technology (2022)
- Medical Electronics Engineering (2019)

These programs are fully integrated into the TNEA 2026 admission cycle.

5. Faculty Profile and Academic Leadership

There is a direct correlation between academic leadership and the quality of departmental instruction. The presence of senior faculty with verified doctoral qualifications from recognized universities is a key metric in evaluating institutional credibility.

The institution is led by the Principal, **Dr. T. G. Arul**, whose qualifications include an M.Tech in Energy Systems Engineering from VIT Vellore, an MBA, and a Ph.D. in Mechanical Engineering from Anna University. Notable faculty members supporting the academic framework include:

- **Dr. R. Reka (Professor, CSE):** Ph.D. in Information and Communication Engineering.
- **Dr. K. Velusamy (Professor, Mechanical):** Senior faculty member and former Head of Department.
- **Dr. L. C. S. Gowd (Professor, ECE):** Ph.D. in Instrumentation Engineering.
- **Dr. Arun Kumar A (Professor, Medical Electronics):** Background in Electronics with a focus on medical applications.

6. Residential Facilities and Campus Connectivity

For families outside the Namakkal district, logistics—specifically hostel safety and transport reliability—are critical factors. Managing these external variables is essential for maintaining student focus on academic performance.

The 100-acre campus includes separate residential blocks for boys and girls, featuring common messes that provide hygienic food. The central library houses 13,465 volumes and 4,273 titles. Regarding connectivity, the college is 19 km from the Namakkal railway station. The Namakkal bus stand serves as the primary transit hub for the region, and the college provides college-operated bus transport for student arrivals. Additional facilities include a 24-hour City Union Bank ATM located on campus.

7. Government and Welfare Scholarships

The institution facilitates the procurement of government-mandated financial aid, ensuring that eligible students can access state and central support systems.

The following scholarship types are available for eligible students at this institution:

- BC/MBC Welfare Department Scholarship (Namakkal)
- SC/ST Adi Dravidar Welfare Department Scholarship
- SC/ST 100% Tuition Fee Waiver Scheme
- Adi Dravidar Welfare Special Scholarship (for hostel residents)
- Central Sector Scheme of Scholarship for College and University Students

- Merit Scholarship (Municipal/Corporation)
- Chief Minister Farmers Security Scheme
- Tamil Nadu National Teacher Welfare Fund
- Tamil Nadu Educational Trust Scholarship
- Minority Scholarship (Sikh, Muslim, Christian, Buddhist)
- Physically Challenged Scholarship

8. Research Initiatives and Innovation

Faculty-led research projects contribute to a technical environment by aligning the academic ecosystem with industrial challenges. These initiatives are historical markers of an institution's capacity for innovation.

The institution previously secured an AICTE-funded Research Promotion Scheme (RPS) project titled "Studies on Cutting Force and Stability in End Milling," which was completed between 2008 and 2012. Furthermore, faculty within the Mechanical/Manufacturing departments have been recognized as Anna University research supervisors, focusing on specialized topics such as chatter modeling, tool-wear prediction, and the optimization of machining parameters.

9. Institutional Achievements and Academic Ranks

Historical university ranks serve as markers of peak academic performance. These distinctions, particularly during different administrative eras of the university system, reflect the institution's capability for state-level competition.

During the era of the **Anna University of Technology, Coimbatore**, students at this institution secured several top-tier ranks:

- **2008-2009 Cycle:** M. Padmavathy (1st Rank), A. Nazar Ali (2nd Rank), and G. Haridoss (3rd Rank) in M.E. Power Electronics and Drives.
- **2009-2010 Cycle:** V. Indiragandhi (1st Rank) in M.E. Power Electronics and Drives.

Currently, AMSEC operates as a rural-focused technical institution, offering a consolidated range of modern branches within the TNEA regulatory framework.

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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