

College Profile: Nandha Engineering College (Autonomous), Erode (TNEA Code: 2715)

1. Institutional Identity and Admission Framework

For candidates navigating the TNEA 2026 cycle, understanding the strategic value of an "Autonomous" framework is essential. Autonomy grants an institution the authority to bypass centralized curriculum delays, allowing for rapid curriculum prototyping and the integration of industry-aligned electives. At Nandha Engineering College (NEC), this flexibility is leveraged to enhance industry readiness by updating syllabi more frequently than non-autonomous counterparts, ensuring technical education remains synchronized with current market demands.

Field	Details
Full Name	Nandha Engineering College (Autonomous)
Short Name	NEC
TNEA Code	2715
Institution Type	Self-Financing — Autonomous
City/District	Perundurai, Erode
Year Established	2001
Affiliated University	Anna University, Chennai
Gender Profile	Co-educational

Admission is strictly regulated through the Tamil Nadu engineering protocol, with **65% of seats allocated to the Government Quota (TNEA)** and **35% reserved for the Management Quota**. Located in the Perundurai industrial belt, the college's regional heritage is anchored by its long-standing affiliation with Anna University and its role as a key educational provider in western Tamil Nadu.

2. Founding Heritage and Institutional Evolution

The Sri Nandha Educational Trust, founded in 1992, has been instrumental in the educational development of the Erode region. By establishing NEC in 2001, the Trust targeted the specific need for technical education in rural and semi-urban areas, bridging the gap between academic intent and industrial accessibility.

- **Founder:** Thiru. V. Shanmugan, B.Com.

- **Trust Name:** Sri Nandha Educational Trust
- **Mission:** "To impart knowledge that serves society."

Key Institutional Milestones:

- **2001:** Institution established with three initial engineering branches.
- **2012:** Conferment of **Autonomous Status** by Anna University on 17 August.
- **2015:** Completion of NAAC Accreditation Cycle 1 (Grade B).
- **2018:** Recognized as an **MSME Host Institution** for Business Incubation and establishment of the Institution's Innovation Council (IIC).
- **2022:** Achievement of **NAAC A+ Grade** (Cycle 2) with a CGPA of 3.38.
- **2025:** Sanctioning of the **AICTE IDEA LAB grant** in February, representing the latest technical validation for high-end prototyping and innovation.

This trajectory of growth from a regional teaching center to a research-validated autonomous institution is supported by contemporary regulatory benchmarks.

3. Regulatory Compliance: AICTE and NAAC

For parents evaluating institutional quality for 2026 admissions, NAAC A+ grading and AICTE approval are the primary indicators of non-negotiable operational standards. These certifications confirm that the college meets national benchmarks for infrastructure, faculty qualifications, and governance.

- **AICTE Approval:** The institution is approved for the Academic Year 2025-26.
- **NAAC Status:** Accredited with **Grade A+** (CGPA 3.38) during Cycle 2.
- **Validity:** Valid until **November 2027**, ensuring the institution meets all quality thresholds through the March 2026 admission window.

While institutional grading provides an umbrella of quality, program-specific technical validation is confirmed through NBA accreditation.

4. Technical Excellence: NBA Accredited Programs

NBA Tier-I accreditation is a critical differentiator for student employability and global degree recognition. Under the Washington Accord, degrees from Tier-I accredited programs are recognized by international professional bodies, significantly easing the path for students pursuing higher education or employment abroad.

Accredited Program Name	Validity Year
Computer Science and Engineering (CSE)	June 2027

Electronics and Communication Engineering (ECE)	June 2027
Information Technology (IT)	June 2027
Electrical and Electronics Engineering (EEE)	June 2028
Mechanical Engineering	June 2028
Chemical Engineering	June 2027
Civil Engineering	June 2027
Biomedical Engineering (BM)	June 2027

The concentration of Tier-I accreditation across eight branches indicates a high level of departmental maturity.

5. National and Regional Rankings

NIRF and other national rankings provide a macro-view of institutional competitiveness. It is important for stakeholders to note that Nandha Engineering College **is not ranked in the NIRF 2025 Engineering top 300**. While this identifies areas for growth on a national competitive scale, the college maintains strong technical standing through its innovation ratings.

Verifiable Rankings and Ratings:

- **IIC 5-Star Rating (2020-21):** Awarded by the Ministry of Education for excellence in innovation and startups.
- **IIC 4-Star Rating (2019-20):** Awarded by the Ministry of Education.

While external rankings provide a macro-assessment, the specific value for a student lies in the "micro-level" academic offerings and the accreditation status of their chosen branch.

6. Undergraduate Academic Portfolio and Intake (TNEA 2025)

The college offers a diverse portfolio of 12 programs. Students must choose strategically between established core engineering branches, which offer long-term stability, and "new-age" specializations designed for the digital economy.

Branch Code	Branch Name	Approved Intake (Seats)	NBA Status
CS	Computer Science and Engineering	240	Accredited (Tier-I)
EC	Electronics and Communication Engineering	120	Accredited (Tier-I)

IT	Information Technology	120	Accredited (Tier-I)
AD	Artificial Intelligence and Data Science	120	Not Yet Accredited
EE	Electrical and Electronics Engineering	60	Accredited (Tier-I)
ME	Mechanical Engineering	60	Accredited (Tier-I)
AG	Agricultural Engineering	60	Not Yet Accredited
BM	Biomedical Engineering	60	Accredited (Tier-I)
CI	CSE (Internet of Things)	60	Not Eligible (New Branch)
SC	CSE (Cyber Security)	60	Not Eligible (New Branch)
CE	Civil Engineering	30	Accredited (Tier-I)
CH	Chemical Engineering	30	Accredited (Tier-I)

Emerging and New-Age Branches (Post-2018):

- **Biomedical Engineering (BM):** Established 2018
- **Artificial Intelligence and Data Science (AD):** Established 2021
- **CSE – Internet of Things (CI):** Established 2022
- **CSE – Cyber Security (SC):** Established 2022

The delivery of this curriculum is supported by a faculty body whose research qualifications directly influence autonomous syllabus design.

7. Faculty Profile and Academic Leadership

In an autonomous setting, the density of PhD-qualified faculty is a critical metric, as these educators are responsible for curriculum innovation and research mentoring.

- **Total Faculty Count:** 225
- **PhD-Qualified Faculty:** 55
- *(Note: Faculty data is based on AQAR 2020-21 filings; current figures may vary and should be verified via the institution's latest mandatory disclosure.)*

Notable Academic Leadership:

- **Dr. U.S. Ragupathy (Principal):** PhD in ECE.

- **Dr. C.N. Marimuthu (Dean R&D):** PhD in ECE; Principal Investigator for the AICTE-funded Antenna Research Lab.
- **Dr. S. Kavitha (Professor):** PhD in ECE; Principal Investigator for the AICTE-funded Nano Research Lab.
- **Dr. M. Easwaramoorthi (Dean Innovation):** PhD in Mechanical Engineering; Co-PI for the Fuel Cell Research Lab.

This leadership guides the institution's technical research initiatives and industry-aligned training programs.

8. Research Ecosystem and Industry Partnerships

A robust research environment, characterized by external grants and specialized labs, directly benefits undergraduate students through project opportunities and access to advanced instrumentation. NEC's status as an MSME Host Institution facilitates the transition from classroom projects to commercial prototypes.

- **Total Research Funding:** Over **Rs. 3.4 crore** from AICTE, DST-SERB, ISRO, and MSME.
- **AICTE-Funded Specialization Labs:** Fuel Cell Research Lab, Nano Research Lab, and Antenna Research Lab.
- **Innovation:** Approved MSME Host Institution for Business Incubation since 2018.

Strategic MoUs and Their Impact:

- **Infosys:** Facilitates "Campus Connect" training, ensuring syllabus alignment with IT services requirements.
- **Zoho Corporation:** Provides alumni/industry representation on the Academic Council to steer curriculum relevance.
- **Hexaware & TCS:** Established pipelines for skill development and direct recruitment.
- **Red Hat:** Offers industry-standard certifications in cloud and Linux technologies.

The application of this learning occurs within a campus environment designed for safety and accessibility.

9. Campus Infrastructure: Hostels and Transport

For outstation parents, the logistical infrastructure ensures a secure and managed living environment for students.

Hostel Facilities: | Category | Monthly Room Rent | Admission Fees | Mess Details | | :--- | :--- | :--- | :--- | | **Boys** | Rs. 2,250 | Rs. 10,000 | Veg & Non-Veg Available | | **Girls** | Rs. 2,250 | Rs. 10,000 | Veg & Non-Veg Available |

Transport and Connectivity:

- **Fee Range:** Rs. 10,000 – Rs. 25,000 per year.
- **Towns Served:** Erode, Perundurai, Tiruppur, Avinashi, Bhavani, Komarapalayam, Pallipalayam, Gobichettipalayam, and Sathyamangalam.
- **Railway Access:** The campus is approximately 12 km from **Erode Junction**, a major railhead for students from across Tamil Nadu.

10. Scholarships and Financial Access

Financial aid programs are essential for ensuring that professional engineering education remains accessible to diverse socio-economic groups.

Government Scholarship Schemes:

- **BC/MBC Scholarship:** Available to eligible students from Backward/Most Backward classes.
- **SC/ST Tuition Fee Waiver:** Full support for eligible students under government mandates.
- **7.5% Special Reservation:** For students from Tamil Nadu government schools.
- **First Graduate Scholarship:** For students who are the first in their family to pursue degree-level education.

Institutional Scholarships:

- **Merit-based Support:** Awarded for sustained academic excellence.
- **Single-parent Support:** Financial aid for students facing economic hardship due to family loss.

The final objective of these support systems is to transition students into successful professional careers.

11. Placement Performance and Career Outcomes

An institution's placement record is a primary indicator of market trust. While high-value packages garner attention, parents should prioritize the consistency of the overall placement rate as the indicator of "median success."

- **Placement Percentage:** 90% (Batch 2024 — TNEA reported).
 - *(Note: The college website reported 87% for the same period; parents should view the 87%–90% range as the operational benchmark.)*
- **Highest Package: 44 LPA**, demonstrating the institution's capability to prepare top-tier talent for elite product-based roles.

- **Key Recruiters:** Infosys, Zoho, Hexaware, and TCS.

Disclaimer: All figures are self-reported by the institution.

12. Notable Alumni and Accomplishments

Alumni success serves as a trailing indicator of institutional quality. Graduates who return to participate in governance provide a direct link between the college and the industrial workforce.

Featured Alumnus:

- **Mr. S. Narendiran:** A graduate currently at **Zoho Corporation**. He serves as an Industry Expert and Alumni representative on the college's Academic Council, directly influencing the institution's strategic direction.

Institutional Achievement Summary: | Achievement / Grant | Awarding Body | Year | | :--- | :--
- | :--- | | IIC 5-Star Rating | Ministry of Education | 2021 | | AICTE IDEA LAB Grant | AICTE | 2025 |
| Antenna Research Lab Grant | AICTE-RPS | 2021 | | NAAC A+ Accreditation | NAAC | 2022 |

13. Closing Branding and Mandatory Disclaimer

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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