

Paavai College of Engineering (TNEA Code 2628): An Institutional Profile for 2026 Admissions

1. Institutional Identity

In the dense educational landscape of Namakkal, Paavai College of Engineering (PCE) functions as a specific choice for families seeking a traditional regulatory framework. Located within the expansive Paavai campus at Pachal, it is essential to distinguish this institution (TNEA Code 2628) from its neighbor, Paavai Engineering College (TNEA Code 2611). PCE is the non-autonomous affiliate, meaning its curriculum, academic schedule, and examinations are governed directly by Anna University. For many parents, this provides a "stability-first" advantage, ensuring the degree is awarded under the university's centralized standards and strict examination oversight.

Field	Details
Full Name	Paavai College of Engineering
Short Name	PCE
TNEA Code	2628
Institution Type	Self-Financing (Private – Un-Aided)
Admission Route	TNEA (Govt. Quota 65%, Management Quota 35%)
Gender Profile	Co-educational
Affiliated University	Anna University, Chennai

The campus is situated on NH-44, Paavai Nagar, Pachal Post, Namakkal District, Pincode 637018. For local applicants, its proximity to Rasipuram (the nearest major town, approximately 5 km away) provides significant logistical ease. This established physical presence is the result of a multi-decade administrative legacy.

2. Founding and Institutional Heritage

The institutional stability of PCE is derived from the Pavai Varam Educational Trust. In the competitive Namakkal region, the Trust's longevity acts as a critical trust-marker for 12th-standard families, signaling a mature administrative infrastructure that has weathered multiple cycles of educational policy changes.

The Pavai Varam Educational Trust was registered on September 14, 2001, with its headquarters located at Rotary Nagar, Rasipuram. The college officially commenced its first

undergraduate programs in 2006. Governance is directed by a board chaired by CA. N.V. Natarajan, featuring a diverse panel of industrial experts and educational administrators.

The college operates under a strictly defined mission as stated in its governance documentation: "To impart quality technical education and produce engineers equipped for industry requirements."

This foundational heritage has provided the administrative depth necessary to secure high-level credentials from national regulatory bodies.

3. Regulatory Compliance and NAAC Accreditation

For prospective students, national accreditation serves as the ultimate audit of institutional quality. It moves beyond marketing claims to provide a verified assessment of infrastructure, faculty readiness, and student support systems.

The institution has secured AICTE approval for the Academic Year 2025-26, maintaining a total sanctioned undergraduate intake of 540 seats. Beyond basic approval, the college has achieved a strong standing through the National Assessment and Accreditation Council (NAAC):

- **Grade: A**
- **CGPA: 3.06**
- **Validity Period: 2025 – 2030**

As an institutional analyst, I note that a **3.06 CGPA** in a "Cycle 1" assessment is a highly commendable debut for a non-autonomous college. Many institutions fail to cross the 3.0 threshold in their first cycle. This score indicates that the college's internal processes and infrastructure are currently performing at a high national standard. These frameworks ensure the validity of the academic offerings delivered each year.

4. Undergraduate Academic Portfolio

The undergraduate distribution at PCE reveals a strategic institutional pivot. A quantitative analysis of the branch allocation shows that Computer Science and its allied "New-Age" verticals now account for **330 out of the 540 total seats**. This represents over **60% of the institutional capacity**, signaling a heavy alignment with the global IT and Artificial Intelligence sectors.

Branch Name	Branch Code	Approved Intake	Year Started
Computer Science and Engineering	CS	120	2006
Artificial Intelligence and Data Science	AD	90	2020
Electronics and Communication Engineering	EC	60	2024

CSE (AI and Machine Learning)	AM	60	2022
CSE (Cyber Security)	SC	60	2022
Biomedical Engineering	BM	60	2020
Electrical and Electronics Engineering	EE	60	2006
Mechanical Engineering	ME	30	2009

New-Age Branches

Reflecting modern industrial requirements, the following branches were introduced or re-integrated after 2018:

- **Artificial Intelligence and Data Science** (2020)
- **Biomedical Engineering** (2020)
- **CSE (AI & ML)** (2022)
- **CSE (Cyber Security)** (2022)
- **Electronics and Communication Engineering** (2024 addition)

Applicants should note that no Tamil Medium (XC/XM/XS) branches are offered. This technical curriculum is supported by a faculty body characterized by a specific concentration of doctoral expertise.

5. Faculty Profile and Expertise

Faculty doctoral qualifications are a primary indicator of the depth of academic instruction. In a non-autonomous setting, PhD-holding faculty are essential for bridging the gap between the university's standard syllabus and the high-level research required for modern engineering projects.

The college reports a total working faculty of 101 members. According to the most recent Mandatory Disclosure, the Principal is **Dr. C. Sureshkumar** (B.E., M.E., Ph.D.), who brings 23 years of teaching experience.

The distribution of PhD holders shows a significant academic density:

- **Computing & AI:** Dr. S. Prabakaran, Dr. M. Kumaresan, Dr. T. John Peter, Dr. P. Manikandan, Dr. R. Saravanakumar, Dr. M. John Basha, and Dr. S. Ramesh.
- **Core Engineering:** Dr. N. Mohanapriyaa (EEE), Dr. N. Balaji (EEE), Dr. J. Narendran (Mechanical), Dr. K. Poonkodi (BME), and Dr. A. Immanuvel (BME).
- **Science & Humanities:** Dr. J. Chandramohan, Dr. S. Punitha, Dr. D. Moganraj, Dr. M. Vimala, Dr. S. Sandhya, Dr. N. Kalaiarasi, Dr. J. Naveen, and Dr. G. Suseela.

Strategic Insight: Nearly **40% of the institutional PhD pool** is concentrated within the Science & Humanities department. This suggests a very strong focus on foundational engineering sciences during the critical first two years of the degree. This expertise operates within a campus environment built for residential rigors.

6. Campus Infrastructure, Hostel, and Connectivity

A permanent residential campus is vital for supporting the intensive demands of an engineering curriculum. PCE provides a self-contained ecosystem that minimizes commute times and maximizes laboratory access.

Residential Facilities

The institution provides separate permanent hostel blocks for boys and girls. The on-campus mess facilities are equipped to provide "Both (Veg/Non-Veg)" options, catering to the diverse culinary requirements of a state-wide student body.

Laboratory Infrastructure

The college has established specialized labs to facilitate practical instruction across all major verticals:

- **Automobile: Engine Performance and Emission Testing, Automotive Electrical and Electronics, and Vehicle Maintenance** labs.
- **EEE: Power System Simulation, Power Electronics, and Electrical Machines** labs.
- **CSE & AI: Mobile Application Development, Data Science, Artificial Intelligence, and Security** labs.
- **Biomedical: Diagnostic and Therapeutic Equipment, Pathology and Microbiology, and Biochemistry** labs.
- **Mechanical: CAD/CAM, Mechatronics, and Thermal Engineering** laboratories.

Library and Connectivity

Academic research is supported by a library containing 26,000 engineering volumes, supplemented by digital access to 350 e-journals via **DELNET**. The campus infrastructure is linked by a 300 Mbps internet bandwidth across 402 connected nodes.

For connectivity, the college is positioned 5 km from the **Rasipuram Railway Station**. Dedicated transport routes are provided for day scholars, supported by a financial system that ensures these facilities are accessible to eligible students.

7. Financial Access and Government Scholarships

To ensure equitable access to technical education, the institution facilitates several state and central government financial aid programs. These are vital for families managing the costs of a private self-financing education.

Scholarships currently available to eligible students include:

- **SC/ST Tuition Fee Scholarship:** Full tuition support for eligible SC/ST students.
- **BC/MBC/DNC Scholarship:** State-sponsored aid for designated backward and most backward classes.
- **Post-Matric Scholarship for OBC:** A central government initiative for students from Other Backward Classes.
- **Minority Scholarship:** Available via the National Scholarship Portal for religious minority applicants.

Eligibility is generally based on parental income (under ₹4.5 lakhs per annum) and the student's TNEA cut-off performance. This financial support enables students to transition into the college's research and innovation frameworks.

8. Research, Innovation, and Specialized Infrastructure

The college's transition from theoretical instruction to industry application is managed through its innovation ecosystem. The central hub for this is the **Institution's Innovation Council (IIC)**.

The IIC integrates external industrial expertise into the college's advisory framework, featuring experts from:

- **Wings Technocrat** (Salem)
- **Bonanza Granites Exports** (Bangalore)
- **Prabha Engineers** (Hosur)

Departmental hubs, such as the **Power System Simulation Lab** and the **Mobile Application Development Lab**, serve as the primary venues for student research and project development. These innovation efforts contribute to the college's recognized milestones.

9. Institutional Achievements

External validation from national bodies serves as the definitive proof of the institution's current performance levels:

- **NAAC Grade A (2025):** A verified CGPA of 3.06, placing it among the high-performing non-autonomous colleges in the region.
- **AICTE Approval (2025-26):** Confirmed active status for all 540 undergraduate seats.

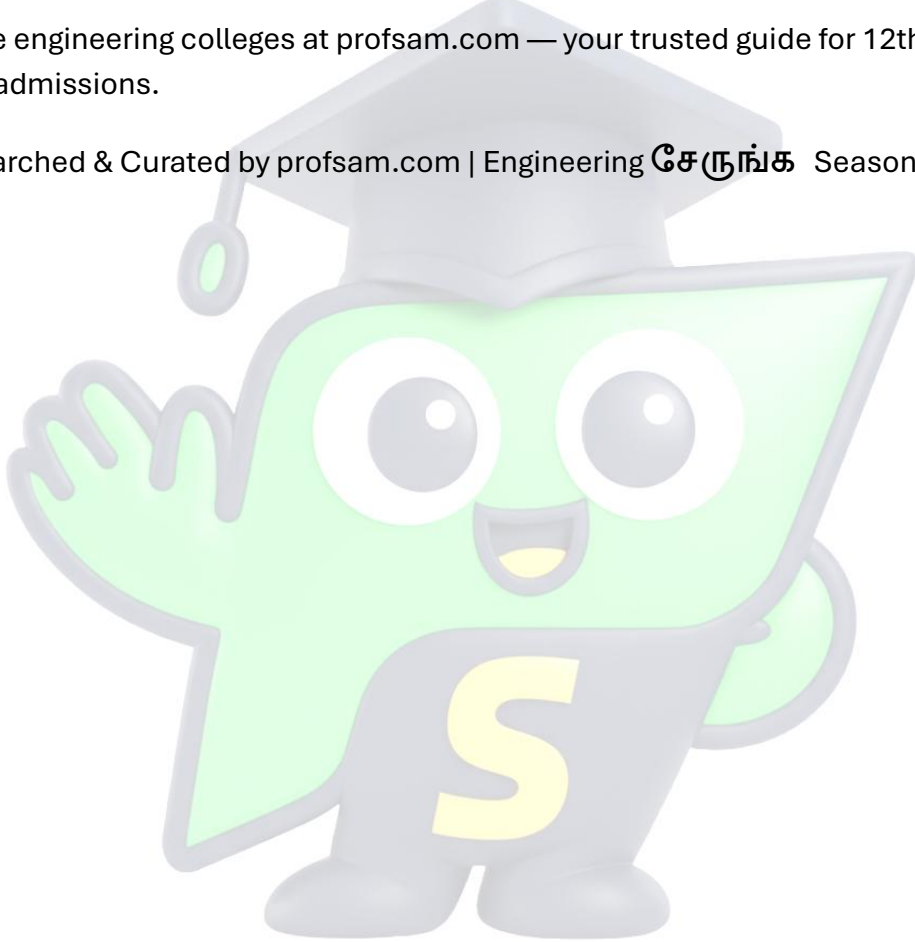
These achievements provide a baseline of quality for students entering the 2026 admissions cycle.

Mandatory Admissions 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.

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