Pavendar Bharathidasan College of Engineering and Technology (PABCET): An Institutional Profile for TNEA 2026

1. Institutional Identity and Admission Framework

Success in the Tamil Nadu Engineering Admissions (TNEA) 2026 cycle begins with a precise understanding of an institution's administrative identity. For aspirants, verifying details such as the TNEA counseling code and university affiliation is not merely a formality; it is the essential foundation for a secure and valid application process.

Field	Details
Full Name	Pavendar Bharathidasan College of Engineering and Technology
Popular Name	PABCET
TNEA Code	3815
Institution Type	Self-Financing
Admission Route	TNEA (65% Government / 35% Management)
Gender Profile	Co-educational
Affiliated University	Anna University, Chennai

During the critical choice-filling phase of counseling, students **utilize** the TNEA code **3815** as the primary identifier to distinguish this college from others in the state. This identity is anchored in a long history of serving the regional educational landscape.

2. Founding Heritage and Educational Mission

Founded in 1998, Pavendar Bharathidasan College of Engineering and Technology was established to democratize professional education for the rural populations of Tiruchirappalli and Pudukkottai. The institution has consistently positioned itself as a bridge for students from economically weaker sections to enter the global technical workforce.

The college's **Founding Story** began under the auspices of the Saraswathi Educational and Health Trust, guided by the expertise of **Thiru. A. M. Raman, I.A.S. (Retd.)**, who served as Advisor. The institution honors the legacy of **Thiru. (Late) Manickam Udaiyar**, a visionary from the village of **Amaradakki** in coastal Pudukkottai, whose commitment to rural upliftment inspired the trust's educational mission. The college defines its core purpose as **"Providing Quality Technical Education"** and operates under the motto **"Learning for Excellence."**

Over the decades, the institution has strategically evolved its academic portfolio:

- **1998:** Founding branches included Computer Science and Engineering, Electronics and Communication Engineering, Information Technology, and Textile Technology.
- **2002:** Introduction of Bio Technology and Electrical and Electronics Engineering.
- **2011:** Addition of Mechanical Engineering.
- **2012:** Addition of Civil Engineering.
- **2022:** Introduction of B.Tech. Biomedical Engineering.
- **2023:** Introduction of B.Tech. Artificial Intelligence and Data Science.

This progression reflects a balance between maintaining regional industry roots and adopting modern technological trends.

3. Regulatory Approvals and Official Standings

For parents assessing institutional legitimacy, AICTE approval and participation in national ranking frameworks are vital benchmarks. These indicators provide a transparent view of the college's compliance with national standards and its standing relative to peers.

The institution has secured **AICTE Approval for the Academic Year 2025-26**, confirming that its programs meet the necessary infrastructure and faculty requirements.

From a strategic standpoint, a TNEA 2026 aspirant should view PABCET not through the lens of national rankings, but as a provider of specialized technical education and rural accessibility. Its value proposition lies in its long-standing presence and its offering of niche branches that are often unavailable in more urban, highly-ranked institutions.

4. Undergraduate Programs and Seat Matrix (TNEA 2026)

Selecting a branch is a pivotal decision that dictates a student's career trajectory. Aspirants must weigh the merits of traditional core engineering against emerging fields while remaining cognizant of seat availability and competition levels.

Branch Name	Branch Code	Approved Intake
Artificial Intelligence and Data Science	AD	30
Biomedical Engineering	BM	30
Bio Technology	BT	30
Computer Science and Engineering	CS	60
Electronics and Communication Engineering	EC	60

Electrical and Electronics Engineering	EE	30
Information Technology	IT	60
Mechanical Engineering	ME	30
Textile Technology	TX	30

- **New-Age Branches (2018+):** B.Tech. Artificial Intelligence and Data Science (est. 2023) and B.Tech. Biomedical Engineering (est. 2022).
- **Niche Traditional Strength:** The **Textile Technology** branch, a founding discipline from 1998, remains a rare and valuable offering in the region for students seeking specialized industrial careers.

The institution maintains a **total UG intake capacity of 360 seats**, all of which are supported by the campus's specialized labs and residential infrastructure.

5. Campus Infrastructure and Residential Facilities

The 27-acre campus provides a structured environment tailored to the demands of a four-year engineering curriculum. Effective infrastructure is the backbone of technical training, ensuring students have the tools required for both theoretical and practical mastery.

Residential facilities are available for both boys and girls on a permanent basis:

- **Boys Hostel:** Capacity for approximately **425 students**.
- **Girls Hostel:** Capacity for approximately **260 students**.
- **Dining:** Both facilities offer vegetarian and non-vegetarian mess options.

Categorized Campus Facilities:

- **Academic Resources:** The library houses **46,470 volumes** (based on AY 2015-16 data, providing a historical benchmark of its collection). Digital learning is supported by 350 computer terminals and classrooms equipped with LCD projectors.
- **Health & Wellness:** A 170 sq.m. medical/sick room is available, with **Dr. Paul Gunachander** (Chief Medical Officer at **Mount Tabor Mission Hospital**, Mathur) serving as the medical contact. A gymnasium is also provided for physical fitness.
- **Recreation:** A 4.5-acre playground facilitates sports including Football, Cricket, Volleyball, and Basketball, alongside indoor options like Billiards and Snooker.

The campus's rural setting is mitigated by a robust transport network connecting it to the broader region.

6. Connectivity and Transport Logistics

For day scholars, transport logistics are a primary concern. The college's proximity to major transit hubs ensures that students can commute efficiently from various districts.

The college operates transport services covering the following towns:

- Tiruchirappalli (Trichy)
- Thanjavur
- Arantangi
- Pudukkottai
- Manapparai
- Viralimalai

For students coming from outside these areas, the **Tiruchirappalli Junction railway station** serves as the nearest major transit hub, located approximately **15 km** from the campus. This accessibility is further supported by financial aid systems designed to assist students from all backgrounds.

7. Scholarships and Financial Access

Government-backed financial aid is a critical tool for making technical education accessible to eligible students. These programs are designed to assist those from economically or socially disadvantaged backgrounds in pursuing their professional goals.

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

- SC/ST Tuition Fee Scholarship (Govt. of Tamil Nadu)
- BC/MBC/DNC Scholarship (Govt. of Tamil Nadu)
- First Graduate Scholarship (For first-generation college students)
- Post-Matric Scholarship for OBC (Central Sector)
- Minority Scholarship (Government of India)

These financial pathways are complemented by industry partnerships that focus on the professional development and employability of the student body.

8. Industry Partnerships and Research MOUs

Collaborations with industry leaders are essential for fostering "industry readiness." These partnerships go beyond the standard curriculum by providing certification-based training in high-demand technical domains.

The college maintains active Memorandums of Understanding (MOUs) with:

- **ICT Academy of Tamil Nadu (ICTACT):** Focusing on the "SKILLEDGE" program for soft skills and technical readiness.
- **HCL Career Development Centre:** Providing specialized industrial training and certifications.
- **EMC Corporation:** Offering programs centered on Cloud Computing.
- **Dexler Technologies:** Facilitating professional **SAP training**, a key certification for global employability.

These partnerships are designed to ensure students graduate with the technical credentials required by modern employers, a commitment reflected in the awards the institution has received.

9. Institutional Achievements and Distinctions

Third-party recognition validates an institution's commitment to maintaining academic and administrative standards. Over the years, PABCET has earned several distinctions from government-linked and educational bodies.

Significant achievements include:

- **ICTACT Academic Partner Excellence Award (2012):** Presented by the ICT Academy of Tamil Nadu.
- **Edupreneurs Award (2013):** Conferred by His Excellency Dr. K. Rosaiah, the then Governor of Tamil Nadu, and received by the Managing Trustee, **Dr. M. R. Arun**.

These accolades highlight the institution's ongoing role in the engineering ecosystem of Tamil Nadu as it prepares for the 2026 admissions cycle.

10. Closing Branding and 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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