

Institutional Profile: P.B. College of Engineering (TNEA Code 1222)

1. Institutional Identity and Admission Framework

For parents and students navigating the 2026 Tamil Nadu Engineering Admissions (TNEA) cycle, the first step is identifying an institution's regulatory standing. The TNEA code "1222" serves as the unique identifier during the choice-filling process. P.B. College of Engineering (PBCE) operates as a Self-Financing (Private) institution. This classification dictates the seat matrix: 65% of the seats are allocated via the government quota (based on merit and state reservation policies), while 35% are reserved for the management quota. As a Telugu linguistic minority institution, it provides a specific admission framework while remaining co-educational and affiliated with Anna University.

Field	Details
Full Name	P.B. College of Engineering
Short Name	PBCE
TNEA Code	1222
Institution Type	Self-Financing (Private)
Admission Route	TNEA (Govt. Quota 65% / Management Quota 35%)
Minority Status	Yes — Linguistic (Telugu Minority)
Gender Profile	Co-educational
Affiliated University	Anna University, Chennai

The institution is located in the Kancheepuram District within the Sriperumbudur Taluk. Situated on the Chennai–Bangalore Highway at Irungkattukottai, it is approximately 5 km from the industrial center of Sriperumbudur and 40 km from Chennai. This placement within a major industrial corridor is a defining factor in its institutional mission and governance.

2. Institutional Heritage and Leadership

The Padmavathy Balaji Educational Trust established P.B. College of Engineering in 2002. A stable promoting trust is the primary indicator of an institution's long-term viability; for PBCE, the trust provides the structural foundation required to align technical training with industrial requirements. The mission is focused on value-based education and academic excellence to meet the demands of the science and technology sectors.

The college's leadership and oversight suggest a high degree of institutional legitimacy:

- **Chairman:** Mr. G. Venkataraman
- **Managing Trustee:** Mr. G. Ekambaram
- **Secretary & Principal:** Dr. P. Senthil Kumar

Strategic oversight is provided by a Board of Governors that includes distinguished academics such as **Prof. V.S. Ramamurthy** and **Dr. B. Dattaguru**. The presence of such figures, typically associated with top-tier institutions like the Indian Institutes of Technology (IITs) and national research bodies, ensures that the college operates under high-level academic scrutiny. This governance model has been in place since the college's inception over two decades ago, providing the stability necessary for technical education.

3. Regulatory Approvals and Quality Mandates

Approval from the All India Council for Technical Education (AICTE) is the mandatory "license to operate" for any engineering college in India. For 2026 aspirants, the AY 2025-26 approval is the benchmark, as it validates the institution's capacity to provide the necessary faculty and infrastructure for a recognized degree.

For the Academic Year 2025-26, P.B. College of Engineering is **AICTE Approved** with a total sanctioned undergraduate intake of **405 seats**. This approval ensures that the degrees are valid for government employment and higher studies. Note that while the college was among the younger institutions to receive NBA accreditation in the past, no programs currently hold valid NBA or NAAC accreditation as of March 2026.

4. Undergraduate Program Portfolio and Career Outlook

The academic landscape at PBCE shows a clear transition toward computer-centric engineering. A strategic analysis of the seat matrix reveals an institutional pivot: the high intake in Computer Science (120 seats) compared to the very low intake in Civil Engineering (15 seats) suggests the college is concentrating its resources on high-demand IT sectors rather than traditional core branches.

The following programs are available for the TNEA 2026 session:

Branch Name	Branch Code	Approved Intake	Year Started
Computer Science and Engineering	CS	120	2002
Information Technology	IT	60	2007
Electronics and Communication Engineering	EC	60	2002
Aeronautical Engineering	AE	30	2007

Electrical and Electronics Engineering	EE	30	2002
Mechanical Engineering	ME	30	2011
Artificial Intelligence and Data Science	AD	30	2023
Cyber Security	SC	30	2023
Civil Engineering	CE	15	2012

Emerging / New-Age Branches The college has recently introduced specialized branches to meet the digital economy's needs, specifically **Artificial Intelligence and Data Science (AD)** and **Cyber Security (SC)**, both of which began in 2023. There are no Tamil Medium branches available.

Placement and Industry Readiness For the most recent reported batch, the institution declared a **79% placement rate** to the TNEA portal. The college leverages its location in the Irungkattukottai industrial belt for student exposure; for instance, the Mechanical Engineering department utilizes its proximity to major players like **Ashok Leyland** and **Ennore Port** for industrial visits and practical training.

5. Campus Infrastructure and Residential Facilities

The infrastructure at PBCE is designed to support both residential and day-scholar requirements. However, the relatively modest hostel capacities (136 for boys and 106 for girls) compared to an annual intake of 405 students suggest that the institution primarily serves as a hub for day scholars commuting from the Chennai-Kancheepuram industrial corridor.

- **Residential Details:** Hostels for boys and girls feature permanent warden supervision and vegetarian mess facilities.
- **Sports Facilities:** The campus includes outdoor facilities for cricket, football, volleyball, basketball, and athletics, alongside indoor options for badminton, table tennis, carrom, and chess.

6. Connectivity and Transport Logistics

PBCE's strategic advantage is its location on the Chennai-Bangalore Highway. This placement is ideal for students seeking proximity to the automotive and manufacturing hubs of Sriperumbudur.

- **Transport Facility:** College-operated buses are available.
- **Nearest Bus Stand:** Irungkattukottai Bus Stop (3.18 km).
- **Nearest Railway Station:** Chennai Central Railway Station (approx. 30 km).

Consultant's Note: While Chennai Central is the listed railway hub, the 30 km distance makes it impractical for a daily rail commute. Most students residing in Chennai or its

suburbs rely on the college's transport network or public buses serving the Irungkattukottai stop.

7. Scholarships and Financial Access

Financial aid programs at PBCE are primarily driven by state and central government mandates, making professional education accessible to eligible demographics. The institution facilitates these applications through its administrative office.

Government Scholarships (Available to eligible students):

- **SC/ST/SCA Tuition Fee Scholarship:** Full tuition fee waivers for eligible students via the Government of Tamil Nadu.
- **BC/MBC/DNC Scholarship:** Financial assistance for students from backward and most backward classes.
- **First Generation Graduate Scholarship:** For students who are the first in their family to pursue a degree.
- **Minority Scholarship:** Specifically relevant given the institution's Telugu minority status.
- **National Merit and Prime Minister Scholarships:** Federal schemes based on academic performance or specific eligibility.

Institutional Scholarship:

- **Bright Students Award:** A merit-based incentive funded by the Padmavathy Balaji Educational Trust to reward high academic achievement.

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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