# Institutional Profile: PSG College of Technology, Coimbatore (TNEA Code: 2006)

### 1. Institutional Identity and Admission Framework

PSG College of Technology (PSG Tech) represents a cornerstone of the Tamil Nadu engineering landscape, functioning as a premier government-aided autonomous institution. For TNEA 2026 aspirants, its strategic significance lies in its unique admission structure: as a government-aided college, the 100% Government Quota route for aided programs means there is no management quota available for those specific seats, ensuring a purely merit-driven cohort. This status provides students with a high-rigor academic environment supported by state resources while maintaining the curriculum agility of an autonomous institution.

| Field | Details |
|---|---|
| **Full Name** | PSG College of Technology |
| **Short Name** | PSG Tech |
| **TNEA Code** | 2006 |
| **Institution Type** | Government Aided Autonomous Engineering College |
| **Minority Institution** | No |
| **City** | Coimbatore |
| **Founding Year** | 1951 |
| **Affiliated University** | Anna University, Chennai |
| **Admission Route** | 100% Government Quota (via TNEA) |

As a co-educational, autonomous institution, PSG Tech fosters a balanced environment that integrates diverse perspectives into its technical training. This robust institutional identity is the result of a profound historical legacy that continues to shape its modern academic delivery.

### 2. Founding Heritage and Trust Governance

Evaluating an institution's founding history and the stability of its governing trust is a critical step in long-term educational planning. For a student, these factors indicate institutional longevity and a deep-seated commitment to academic continuity. PSG Tech's governance

under a mission-driven trust provides a level of stability that is rare in the private education sector.

The college was established in 1951 at the Peelamedu campus by PSG & Sons' Charities, a trust founded in 1926. The institution's heritage is deeply tied to the "Charity Industrial Institute," a historical link between industry and education that birthed the college's signature "Sandwich" model of learning. This mission of technical empowerment has remained constant for over seven decades.

The college's evolution is marked by several chronological milestones:

- **1951:** Commencement of operations at Peelamedu with foundational core branches: Electrical and Electronics, Mechanical, and Civil Engineering.
- **1960s - 1970s:** Strategic expansion into industrial domains including Textile Technology, Metallurgical Engineering, and Production Engineering.
- **1980s:** Pioneered the "Sandwich" programs, formally integrating extended industrial training with the engineering curriculum—a model that remains a benchmark for industry-ready education in India.
- **Modern Era:** Successful transition into specialized high-tech sectors, including Biotechnology, Robotics and Automation, and Artificial Intelligence.

This heritage of industry-synced innovation ensures the institution remains fully aligned with contemporary national regulatory standards.

**3. Regulatory Compliance and National Accreditation**

For the 2026 admission cycle, AICTE approval and NAAC status are the primary indicators of a degree's validity and the institution's commitment to quality. These benchmarks ensure that the infrastructure and pedagogical methods meet the stringent requirements of national oversight bodies.

PSG Tech has maintained full regulatory compliance, securing the AICTE Extension of Approval (EOA) for the Academic Year 2025-26 (dated 10 April 2025). Furthermore, the institution holds a prestigious **NAAC Grade A+** with a **CGPA of 3.43** (Cycle 2), which is valid until March 2030. This ensures that students entering in 2026 will graduate from a nationally recognized high-performing institution.

These overarching institutional validations provide the baseline for the even more rigorous, program-specific technical accreditations held by the college.

**4. NBA Accreditation: Validated Engineering Programs**

NBA Tier I accreditation is the "gold standard" for engineering programs, directly impacting a student's global mobility. Under the Washington Accord, graduates from Tier I accredited programs enjoy easier recognition of their degrees by professional bodies in countries like the

USA, UK, and Australia. This accreditation ensures that the specific "graduate attributes" of the program meet international industry requirements.

| Branch Name | Branch Code | Validity Year |
|---|---|---|
| Automobile Engineering | AS | June 2028 |
| Biomedical Engineering | BY | June 2028 |
| Biotechnology | BS | June 2028 |
| Electrical and Electronics Engineering | EE / EY | June 2028 |
| Electronics and Communication Engineering | EC / EM | June 2030 |
| Fashion Technology | FY | June 2028 |
| Instrumentation and Control Engineering | IC | June 2026 |
| Mechanical Engineering | ME / IM / IY / MF / MS | June 2028 |
| Metallurgical Engineering | MT / MY | June 2030 |
| Robotics and Automation | RA | June 2026 |
| Textile Technology | TX / TT | June 2030 |

This program-level validation confirms that the college maintains high standards across its diverse technical offerings, which is further reflected in its national standing.

**5. National Institutional Rankings**

Consistent performance in the National Institutional Ranking Framework (NIRF) is a vital signal of sustained academic excellence. For parents and students, a college's appearance in these rankings over multiple years indicates a stable research output, high-quality teaching, and strong professional outcomes.

PSG College of Technology has demonstrated remarkable institutional strength through its consistent appearance in the NIRF Engineering rankings for both 2024 and 2025. This visibility underscores the college's status as a leader among both government and private technical institutions in India.

This national recognition is a direct consequence of the breadth and depth of the academic programs available through the TNEA portal.

**6. Undergraduate Programs and Seat Matrix (TNEA 2026)**

The PSG Tech curriculum is distinguished by its diversity, specifically through the "Sandwich" and "Self-Supporting" (SS) categories. Parents must note that **Sandwich programs typically**

**extend the course duration to 5 years** to accommodate integrated industrial training. While "Aided" programs offer subsidized fee structures, "Self-Supporting" programs allow for higher intake in competitive fields with a variation in fees.

| S.No | Branch Name (Full) | Branch Code | Approved Intake |
|---|---|---|---|
| 1 | Electrical and Electronics Engineering (Sandwich) | EY | 60 |
| 2 | Automobile Engineering | AS | 60 |
| 3 | Biotechnology (Self-Supporting) | BS | 60 |
| 4 | Biomedical Engineering (Self-Supporting) | BY | 60 |
| 5 | Civil Engineering (Aided) | CE | 30 |
| 6 | Computer Science and Engineering (AI & ML, Self-Supporting) | CG | 60 |
| 7 | Computer Science and Engineering (Self-Supporting) | CM | 138 |
| 8 | Civil Engineering (Self-Supporting) | CN | 30 |
| 9 | Electronics and Communication Engineering (Aided) | EC | 60 |
| 10 | Electrical and Electronics Engineering (Aided) | EE | 60 |
| 11 | Electronics and Communication Engineering (Self-Supporting) | EM | 78 |
| 12 | Fashion Technology (Self-Supporting) | FY | 60 |
| 13 | Mechanical Engineering (Sandwich, Aided) | IM | 138 |
| 14 | Mechanical Engineering (Sandwich, Self-Supporting) | IY | 60 |
| 15 | Mechanical Engineering (Aided) | ME | 60 |
| 16 | Manufacturing Engineering (Self-Supporting) | MF | 60 |
| 17 | Mechanical Engineering (Self-Supporting) | MS | 60 |
| 18 | Metallurgical Engineering (Aided) | MT | 30 |
| 19 | Metallurgical Engineering (Self-Supporting) | MY | 30 |
| 20 | Production Engineering (Sandwich, Self-Supporting) | PN | 30 |

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| | | | |
|---|---|---|---|
| 21 | Production Engineering (Aided) | PR | 30 |
| 22 | Robotics and Automation Engineering | RA | 60 |
| 23 | Textile Technology (Aided) | TX | 30 |
| 24 | Textile Technology (Self-Supporting) | TT | 30 |

- **Emerging / New-Age Branches:** Robotics and Automation Engineering; Computer Science and Engineering (AI & ML).
- **Tamil Medium Branches:** None currently listed.
- **Total Undergraduate Intake:** 1,284 seats.

The successful delivery of this expansive curriculum is made possible by the institution's substantial faculty resources.

**7. Faculty Resource Assessment**

In a research-led autonomous environment, the caliber and size of the faculty body are primary drivers of student mentorship. A stable and experienced faculty is especially critical for students in 5-year Sandwich programs, where long-term professional guidance is essential.

The institution maintains a significant working faculty count of over 500 members. This large academic pool serves as a major stability factor, ensuring that even with a large student body, learners have access to specialized expertise across both traditional core engineering and emerging technologies.

This deep human resource capital is paired with a well-developed campus infrastructure designed for a comprehensive residential experience.

**8. Campus Infrastructure: Hostels and Connectivity**

For students traveling from outside Coimbatore, campus location and residential reliability are paramount. PSG Tech's urban setting provides easy access to city resources while maintaining dedicated on-campus support.

- **Hostel Facilities:** Dedicated residential accommodation is provided for both boys and girls with both vegetarian and non-vegetarian mess options. A key safety feature is the campus's proximity to PSG Hospitals, ensuring students have 24/7 access to high-grade medical support.
- **Connectivity:** The campus is strategically located on **Avinashi Road in Peelamedu**. It is approximately 5 km from Coimbatore Junction and is highly accessible from the Gandhipuram central bus stand. The location allows students to rely efficiently on the city's extensive public transport network.

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These campus amenities, combined with institutional financial support, make the college accessible to a diverse student population.

**9. Scholarships and Financial Support**

Financial aid is a crucial component of the institution's mission to remain accessible to all socio-economic groups. PSG Tech facilitates various government and private support systems to help students manage the costs of high-tier technical education.

- **State Government:** Standard scholarships for Backward Classes (BC) and Minority students are available to eligible students at this institution.
- **Central Government:** Schemes provided through the National Scholarship Portal (NSP) are accessible to eligible students.
- **Institutional/Alumni:** The college offers various "merit-cum-means" awards and scholarships funded by the PSG Tech Alumni Association to support high-achieving students with financial needs.

These financial investments are designed to yield significant professional returns, as seen in the college's career outcome data.

**10. Career Outcomes and Placement Metrics**

The "Return on Investment" (ROI) at PSG Tech is among the highest in the TNEA system, particularly for students in the Sandwich programs whose extended industrial exposure often translates into immediate career readiness.

- **Placement Rate:** 89% (Self-reported by the institution for TNEA 2025).
- **Median Salary:** 7 LPA for Undergraduate programs.
- **Top Recruiters:** The college maintains deep industry ties with high-profile recruiters such as HCL, Cognizant, and various manufacturing leaders.

*Mandatory Note: All placement and salary figures are self-reported by the institution.*

The strong career performance of graduates is deeply linked to the institution’s focus on research and industrial consultancy.

**11. Research, Innovation, and Industrial Consultancy**

The PSG Centre for Sponsored Research and Consultancy (CSRC) is the engine that bridges the gap between theoretical classroom learning and industrial application. This ecosystem allows students to engage in real-world problem-solving during their undergraduate years.

- **Advanced Focus Areas:** The research labs specialize in high-demand fields such as CAD/CAM, Virtual Reality (VR), and Thin Film Technology.

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- **Industrial Collaboration:** The college operates collaborative labs and centers of excellence in partnership with leaders in the automotive and manufacturing sectors, providing students with access to industry-standard equipment.

This active engagement in consultancy has earned the college significant national distinctions.

**12. Institutional Achievements and Distinctions**

Institutional honors serve as objective proof of excellence, validating the college's claims of being a top-tier technical provider.

- **NAAC A+ Accreditation (2025):** A testament to overall institutional quality.
- **Tier I NBA Accreditations:** Ensuring global recognition of engineering degrees.
- **Consistent NIRF Visibility:** Confirming the college's status as a top-ranked national institution.

These accolades reflect the high caliber of the professionals the college produces year after year.

**13. Notable Alumni and Professional Impact**

The success of former students is the ultimate "proof of concept" for PSG Tech’s pedagogical approach. The college has produced some of the most influential figures in Indian industry and science:

- **Shiv Nadar:** Founder of HCL; a pioneer of the Indian IT sector.
- **C. Vijayakumar:** CEO of HCL Technologies.
- **Mylswamy Annadurai:** Renowned ISRO Scientist; Project Director for Chandrayaan-1.
- **Lakshmi Narayanan:** Former Vice Chairman and CEO of Cognizant.

For TNEA 2026 aspirants, PSG College of Technology offers a unique value proposition: a prestigious heritage, a curriculum deeply integrated with industry, and a proven track record of placing graduates at the forefront of global technology.

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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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