

Jaya Institute of Technology (TNEA 1107): A Detailed Profile for 2026 Admissions

1. Institutional Identity

For families navigating the Tamil Nadu Engineering Admissions (TNEA) process, verifying basic institutional identifiers is the essential first checkpoint. The TNEA code acts as a unique institutional fingerprint within the state's digital counseling system, while affiliation with Anna University ensures that the degree awarded meets the curriculum and examination standards of Tamil Nadu's premier technical authority. Confirming these details allows parents to move beyond promotional materials to verify an institution's official standing.

Core Institutional Identity

Field	Details
Full Name	Jaya Institute of Technology
Short Name	JIT
TNEA Code	1107
Institution Type	Self-Financing Engineering College (Private — Self Financed)
Admission Route	TNEA (Government quota 65% / Management quota 35%)
Minority Status	Yes — Linguistic (Telugu Minority)
Gender Profile	Co-educational
Autonomous Status	No
Affiliated University	Anna University, Chennai
Trust Name	Bessant Educational and Cultural Society, Thiruninravur, Chennai
Year Established	2001 (Academic Year 2001–02)
Location Details	Jayavel Nagar, Kanchipadi Post, Tiruttani Taluk, Thiruvallur District

This institutional framework is rooted in a management history that spans over four decades of educational service in the region.

2. Founding and Institutional Heritage

In the context of rural educational development, understanding the management's background is strategically important. A trust with a multi-decade operational history typically indicates a long-term vision for infrastructure and local socio-economic transformation. For aspirants, this longevity suggests a stable administrative environment capable of weathering shifting educational trends.

Jaya Institute of Technology functions under the Bessant Educational and Cultural Society and the Jaya Educational Trust. The trust, founded by Chairman Prof. A. Kanagaraj, traces its operational history back to April 1979. The institution was established with a primary mission to achieve the “systematic transformation of the students into highly motivated graduates with professional competence,” focusing on providing technical access to the rural corridors of Thiruvallur.

Key Institutional Milestones

- **2001-02:** Establishment of the institution and launch of founding engineering branches.
- **2014:** Introduction of the B.E. Mechanical Engineering department.
- **2020:** Diversification into specialized agro-industrial technology with B.Tech Food Technology.
- **2022:** Introduction of B.E. Computer Science and Engineering to align with IT sector demands.

This historical evolution is maintained within a framework of consistent regulatory compliance.

3. Regulatory Status (AICTE)

Current-year approval from the All India Council for Technical Education (AICTE) is the non-negotiable baseline for any valid technical degree in India. This approval confirms that the institution adheres to mandatory national standards regarding faculty-to-student ratios, laboratory equipment, and safety infrastructure, ensuring the degree is recognized for both public sector employment and global higher education.

Jaya Institute of Technology has received its AICTE Extension of Approval (EOA) for the Academic Year 2025-26, issued on 20 March 2025 (File No. Southern/1-44642716365/2025/EOA). Under this regulatory standing, the institution has a total sanctioned undergraduate intake of 180 seats.

This sanctioned capacity provides the structural basis for the specific academic programs offered through the state counseling system.

4. Undergraduate Programs (TNEA 2026)

The institutional mix of traditional core engineering and modern specialized branches significantly impacts student choice during the TNEA process. While core branches like ECE and EEE provide versatile foundations for diverse industrial roles, specialized branches like Food Technology cater to specific high-growth niche markets, allowing students to tailor their education to particular career trajectories.

UG Programs - B.E. / B.Tech (TNEA 2026)

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Branch Name	TNEA Branch Code	Sanctioned Intake	Year Started
Computer Science and Engineering	CS	30	2022
Electronics and Communication Engineering	EC	30	2001
Electrical and Electronics Engineering	EE	30	2002
Mechanical Engineering	ME	30	2014
B.Tech Food Technology	FD	60	2020

While the AICTE sanctioned intake reflects the total institutional capacity (180 seats), it is important to note that for the TNEA 2026 cycle, the institution offers 150 seats across these branches (30 per branch) through the counseling process.

New-Age Branches The institution has recently modernized its portfolio by introducing branches that address emerging industry needs:

- **B.Tech Food Technology (2020):** Designed to bridge the gap in the agro-processing and food manufacturing sectors.
- **B.E. Computer Science and Engineering (2022):** Introduced to meet the sustained demand for software development and data expertise.

The delivery of these technical programs is supported by a faculty team led by seasoned academic leadership.

5. Faculty Profile

There is a direct correlation between faculty experience—particularly the presence of PhD holders and leadership with both academic and industry backgrounds—and the quality of student mentorship. Seasoned leadership is vital for navigating the complexities of modern engineering curricula and fostering an environment of systematic learning.

The institution is led by Principal Prof. Dr. V. S. Dharun (M.E., Ph.D.), who holds over 20 years of experience and is credited with more than 50 international publications and a published Indian patent.

Notable Academic Leadership

- **Dr. I. Shankar (Food Technology):** Head of Department and a key member of the Internal Quality Assurance Cell (IQAC), overseeing teaching-learning quality.
- **Mr. M. S. Dayanithi (ECE):** Assistant Professor and coordinator for the Institute Exam Cell and IQAC operations.

- **Mr. P. Naresh (Mechanical):** Head of Department with approximately eight years of teaching experience complemented by three years of industry practice.

As of the NIRF 2022 data reporting, the institution maintains a total working faculty count of 61. This academic team utilizes the physical campus infrastructure to facilitate the learning process.

6. Campus Infrastructure: Hostels and Transport

For institutions located on national highways or in rural zones, essential facilities like transport and housing are critical "life-support" systems. These amenities ensure that logistical challenges do not impede academic focus, providing a secure and accessible environment for both day scholars and residential students.

Hostel Availability

Facility	Details	Food Options
Boys Hostel	Separate facility available	Vegetarian and Non-Vegetarian
Girls Hostel	Separate facility available	Vegetarian and Non-Vegetarian

Transport and Connectivity Located on the Thiruvallur–Tiruttani National Highway, the campus is accessible via college-operated transport. It is positioned approximately 9 to 20 km from the Thiruvallur railway junction and is also served by the Tiruvalangadu railway station. Additionally, the campus features a Medical Centre to provide healthcare support for students and staff.

These logistical support systems are complemented by financial aid programs designed to enhance educational access.

7. Scholarships and Financial Access

Government and institutional financial aid programs serve to lower the barrier to entry for diverse student demographics in Tamil Nadu. By providing targeted support, these programs ensure that technical education remains accessible to students based on merit and eligibility rather than economic background.

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

- SC/ST Tuition Fee Scholarship
- BC/MBC/DNC Scholarship
- First Graduate Scholarship
- Post-Matric Scholarship

- Minority Scholarships (National Scholarship Portal)
- AICTE Pragati (for girl students) and Saksham (for differently abled students)

Institutional Support The Jaya Educational Trust provides merit-cum-means support specifically designed to assist meritorious and economically disadvantaged students in completing their engineering degrees.

This financial investment in the student body eventually leads to the professional outcomes observed in placement cycles.

8. Placements and Career Outcomes

In evaluating early-career trajectories, self-reported placement data and median salary figures serve as essential markers. While high individual packages may occur, the median salary provides a more accurate reflection of the typical outcome for the majority of the graduating class in a given year.

NIRF-Reported Placement Data

Academic Year	Total Graduates	Students Placed	Median Annual Salary
2018-19	42	31	₹1.2 Lakh
2019-20	14	10	₹1.2 Lakh
2020-21	6	6	₹1.2 Lakh

All figures are self-reported by the institution.

From a consultant's perspective, the reported median salary of ₹1.2 lakh per annum represents a foundational entry-level tier, often indicative of local-market alignment. A notable recruiter example includes the "Calenture Eventz" campus drive, which recruited 14 students at a package of ₹2.4 lakh per annum. Such foundational salary figures often drive institutions to pivot toward Research and Development (R&D) and intellectual property to enhance their long-term institutional value.

9. Research and Intellectual Property

A dedicated Research and Development (R&D) cell is vital for fostering a culture of innovation that extends beyond the standard textbook curriculum. By engaging in patent filings and industry collaborations, an institution demonstrates its commitment to participating in the broader technical landscape.

The institution's R&D efforts are highlighted by the publication of a patent titled "Smart Agriculture Using IoT" (Application No. 202141015525A). The college also engages in industry-aligned technical activities, such as:

- 7-day certificate courses in Mobile Communication conducted with BSNL.

- Technical workshops on Electronic Design Automation in collaboration with the CADD Centre.

10. Institutional Achievements

External recognitions, such as published patents, serve as objective markers of an institution's technical output. These achievements indicate that the faculty and leadership are actively engaged in applying engineering principles to contemporary challenges.

Primary Achievement

- **Patent Publication:** The research on “Smart Agriculture Using IoT” was published in the Indian Patent Office Journal in 2021, representing the institution's primary research milestone.

For 2026 aspirants, Jaya Institute of Technology offers a established management heritage and specialized programs like Food Technology, located in a highway-accessible campus focused on foundational technical education.

11. Closing

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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