

Sri Sivasubramaniya Nadar (SSN) College of Engineering: Comprehensive TNEA 2026 Institutional Profile

1. Institutional Identity and Administrative Framework

As a Senior Admissions Strategist, I must emphasize that Sri Sivasubramaniya Nadar (SSN) College of Engineering represents a premium yet complex choice for the 2026 intake cycle. While its autonomous status allows for a curriculum that pivots swiftly to meet global tech demands, and its location on Chennai's OMR tech corridor provides unparalleled industry proximity, the institution is currently in a state of "structural transition." **Strategic Warning:** Aspirants must meticulously confirm if the TNEA route (Code 1315) remains the primary entry point for all seats or if admissions have fully migrated to the Shiv Nadar University Chennai (SNUC) framework, as recent institutional directives suggest a consolidation under the SNUC banner.

Core Institutional Identity

Field	Details
Full Name	Sri Sivasubramaniya Nadar College of Engineering
TNEA Code	1315
Type	Self-Financing Autonomous (Anna University Affiliated)
City	Chennai (Kalavakkam)
Year Established	1996

Gender Profile	Co-educational
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The admission framework is strictly merit-based, governed by the Tamil Nadu Engineering Admissions (TNEA) process. The 65/35 quota split—allocating 65% of seats to the Government quota and 35% to the Management quota—facilitates a high-caliber, diverse student intake. This professional environment is rooted in a heritage of industrial leadership and philanthropic vision.

2. Founding Heritage and Institutional Evolution

Institutional stability and long-term quality are guaranteed by the Shiv Nadar Foundation. Backed by the Chairman Emeritus of HCL Technologies, Shiv Nadar, the college benefits from a massive industrial pedigree that provides financial resilience and a direct pipeline to global technological trends. This foundation ensures that the college operates with a level of sophistication rarely seen in purely academic trusts.

Established to honor the founder's father, the institution's mission is "to impart quality technical education and promote research." Its evolution is marked by several critical milestones:

- **1996:** College established under the Shiv Nadar Foundation.
- **2004:** Granted Autonomous status by Anna University.
- **2023:** Awarded IGBC Green Campus Platinum Certification (the first engineering institution in Tamil Nadu to receive this distinction).
- **2023:** Underwent NAAC Peer Team visit for Cycle 3 assessment.
- **2024:** Ranked 46th in NIRF Engineering.
- **2025:** Ranked 47th in NIRF Engineering.

The IGBC Green Campus Platinum Certification is a definitive milestone, signaling that the institution's physical environment is optimized for sustainability and long-term student well-being. These internal standards are validated by external regulatory benchmarks.

3. Regulatory Approvals and Quality Accreditations

For parents conducting a quality audit, AICTE and NAAC credentials are the ultimate "trust markers." These certifications verify that the institution's faculty, infrastructure, and pedagogical processes meet rigorous national standards. SSN holds full AICTE approval for the 2025-26 Academic Year.

The NAAC accreditation status is as follows:

- **Grade:** A++
- **CGPA:** 3.55
- **Validity Status:** Following the Cycle 3 Peer Team visit in 2024, the official validity update is pending on the NAAC portal. **Audit Advisory:** Parents should rely on the verified CGPA of 3.55 and the documented 2024 visit records, rather than potentially outdated banners on the college website that may still display an "A+" grade.

Note that the **UGC Deemed Category is Not Applicable** here, as SSN remains a Self-Financing Autonomous institution affiliated with Anna University. Technical rigor is further confirmed by branch-specific NBA accreditations.

4. Technical Program Validation: NBA Accreditation

NBA accreditation is vital for graduates targeting global mobility. For those seeking master's degrees at elite international universities or employment in multinational R&D sectors, an NBA-accredited degree is a critical credential that ensures the program meets the Washington Accord standards.

The following programs are currently accredited:

Branch Name	Branch Code	Intake	NBA Validity Year
Biomedical Engineering	BM	60	2030
Chemical Engineering	CH	60	2026
Civil Engineering	CE	60	2026
Computer Science and Engineering	CS	180	2027
Electronics and Communication Engineering	EC	120	2027
Electrical and Electronics Engineering	EE	120	2030

Information Technology	IT	120	2027
Mechanical Engineering	ME	120	2026

These validations contribute to the institution's consistently high standing in national rankings.

5. National and Global Ranking Performance

The NIRF methodology evaluates institutions on critical metrics like "Teaching, Learning and Resources" (TLR) and "Research and Professional Practice" (RPC). For a student, a high TLR score indicates a superior faculty-to-student ratio and facility quality, while the RPC score reflects the institution's ability to engage in high-level innovation—both of which are central to a competitive engineering education.

NIRF 2025 Rankings:

- **Engineering Rank:** 47
- **Overall Rank:** 82

NIRF 2025 Detailed Scores:

- Teaching, Learning and Resources (TLR): 71.29
- Research and Professional Practice (RPC): 43.96
- Graduation Outcomes (GO): 70.01
- Outreach and Inclusivity (OI): 57.78
- Perception: 17.21

Additional Rankings & Recognition:

- **NIRF Innovation (2025):** Top 50.
- **IEI Engineering Education Excellence Award (2023):** Platinum (Best Engineering College).
- **Clarivate India Research Excellence Citation Award (2023):** Awarded in the College category.

These rankings reflect the strength of the academic portfolio available for the upcoming intake.

6. UG Academic Portfolio and TNEA 2026 Intake

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Applicants must note that as of March 2026, the college has signaled a transition of undergraduate admissions toward the Shiv Nadar University Chennai (SNUC) framework. Candidates are urged to verify TNEA 2026 participation status for Code 1315 directly with the TNEA portal before making final selections.

UG Programs (Based on TNEA Data)

S.No	Branch Name (Full)	Branch Code	Approved Intake	Year Started	NBA Status
1	Biomedical Engineering	BM	60	2005	Accredited until June 2030
2	Chemical Engineering	CH	60	2004	Accredited until June 2026
3	Civil Engineering	CE	60	2011	Accredited until June 2026
4	Computer Science and Engineering	CS	180	1996	Accredited until June 2027
5	Electronics and Communication Engineering	EC	120	1996	Accredited until June 2027
6	Electrical and Electronics Engineering	EE	120	1996	Accredited until June 2030
7	Information Technology	IT	120	1999	Accredited until June 2027

8	Mechanical Engineering	ME	120	2007	Accredited until June 2026
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The institution does not offer Tamil Medium branches or any "new-age" specialized branches (established post-2018) under this TNEA code. This academic core is supported by extensive campus infrastructure.

7. Campus Infrastructure, Hostel, and Connectivity

The 230-acre campus is a model of institutional sustainability. The installation of a 1.33 MWp solar plant, which caters to over 75% of the annual campus energy requirements, ensures a stable, environmentally conscious learning environment. Such self-sufficiency is a hallmark of a top-tier modern institution.

Residential Facilities

- **Hostels:** Dedicated on-campus blocks for Boys and Girls.
- **Accommodations:** Both AC and Non-AC room options are available.
- **Catering:** Mess facilities serve both Vegetarian and Non-Vegetarian options.

Connectivity

- **Transport:** A comprehensive fleet serves 48 bus routes across the region.
 - **Rail:** The campus is approximately 32 km from the Tambaram Railway Station.

This infrastructure is accessible to all high-potential students through a robust financial support framework.

8. Scholarship Framework and Financial Access

SSN bridges the gap between merit and affordability through a combination of government-mandated welfare and massive institutional funding. While government schemes provide essential support based on social categories, institutional scholarships reward academic excellence, ensuring that financial status is not a barrier to entry.

Government Scholarships:

- SC/ST Tuition Fee Scholarship (Govt. of TN)
- BC / MBC / DNC Scholarship (Govt. of TN)
- First Graduate Scholarship (Govt. of TN)
- Post-Matric Scholarship for OBC (Central Sector)
- Minority Scholarship (Central)

Institutional Scholarships: SSN is a leader in internal financial aid; NIRF 2025 data confirms that 1,010 undergraduate students received full tuition fee reimbursement funded directly by the institution. This commitment facilitates a pure meritocracy.

9. Research, Innovation, and Industry Ecosystem

The institution's active research ecosystem provides undergraduate students with "hands-on" opportunities to work on high-stakes projects. When students participate in funded research, they move beyond theoretical models to solve real-world industrial problems.

Research and Industry Highlights:

- **Specialized Centers:** Centre for AI & Robotics (est. 2025) and SAJAY-CEPO (Centre of Excellence in Prosthetics and Orthotics).
- **Major Funded Projects:** Significant grants from DST and BIRAC, including a **Rs. 93 Lakh** project for an "Intelligent Autonomous Underwater Drone with ML capabilities" funded by the Department of Science and Technology (DST).
- **Patents:** 30 patents granted by the Indian Patent Office as of February 2024.
- **Industry Leadership:** Establishment of the ESAB Chair Professor in Welding, bridging the gap between metallurgy research and industrial application.

10. Notable Achievements and Distinctions

External validation through national-level awards confirms the institution's technical standing and its students' ability to compete at the highest levels.

- **IGBC Green Campus Platinum Certification:** First engineering institution in Tamil Nadu to receive this — Indian Green Building Council — 2023.
- **IEI Engineering Education Excellence Award (Platinum):** Best Engineering College — Institution of Engineers (India) — 2023.
- **Clarivate India Research Excellence Citation Award:** College category — Clarivate — 2023.
- **DST-Innovation Project:** "Intelligent Autonomous Underwater Drone" (Rs. 93 Lakhs) — Dept. of Science & Technology — 2023-24.
- **BIRAC Funded Research:** Active projects in biotechnology and programming — Biotechnology Industry Research Assistance Council — 2025.
- **ESAB Chair Professor:** Established specialized position in welding — ESAB — 2025.
- **Patent Milestone:** 30 cumulative patents granted — Indian Patent Office — 2024.
- **Smart India Hackathon 2025:** Secured First Place — Ministry of Education — 2025.
- **NIRF 2025:** Ranked 47th in Engineering and Top 50 in Innovation — Ministry of Education — 2025.

11. Notable Alumni

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The career trajectories of SSN alumni demonstrate the versatile foundation provided by the college. From leadership in global finance to record-breaking sports achievements, these graduates serve as a blueprint for the professional potential of current students.

Name	Graduation Period	Accomplishment/Role
Ravichandran Ashwin	2004–2008 (B.Tech IT)	India's premier Test off-spinner; retired in 2024 with 537 Test wickets and 6 centuries.
Vaikkunth Mugunthan	2013–2017 (B.Tech IT)	CEO and Co-Founder of Dynamo AI; PhD from MIT.
Shyamal Rao Palli	2002–2006 (B.Tech IT)	Executive Director, Morgan Stanley (New York).
Karthickeyan	Batch 2000	Vice President, Goldman Sachs (Bangalore).
Praveen Kumar	Batch 2005	Vice President, Parthenon (New York).

12. Mandatory 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. Explore more engineering colleges at profsam.com — your trusted guide for 12th to engineering admissions. Article Researched & Curated by profsam.com | Engineering சேருங்க Season 1