Institutional Profile: Bethlahem Institute of Engineering (TNEA Code 4992)

1. Institutional Identity and Administrative Framework

For families navigating the Tamil Nadu Engineering Admissions (TNEA) process, the fundamental security of an admission choice rests upon an institution's formal administrative identity. The TNEA code and university affiliation are not merely identifiers; they are the legal and regulatory anchors that ensure a student is enrolled in a recognized program subject to state-wide academic standards and centralized governance. Understanding these markers is the first step in differentiating between verified technical institutions and those with less stable administrative foundations.

Field	Details
Full Name	Bethlahem Institute of Engineering
Short Name	BIoE
TNEA Code	4992
Institution Type	Self-Financing
Religious Minority Status	Yes — Christian
Gender Profile	Co-educational
Admission Route	65% Government Quota; 35% Management Quota

The institution is located at Nadutheri, Karungal, Kiliyoor Taluk, Kanniyakumari District, Tamil Nadu — 629 157. It maintains a formal affiliation with Anna University, Chennai, which dictates the curriculum and degree-awarding protocols. These identity markers establish the college as a recognized entity within the TNEA counseling framework, leading into an examination of its historical development and leadership.

2. Institutional Heritage and Mission

The longevity of an educational trust and the professional background of its leadership serve as vital indicators of institutional stability. For a prospective student, a trust with a history of progressive expansion suggests a sustainable educational philosophy and the financial resilience necessary to support a four-year technical degree.

Bethlahem Institute of Engineering (BIoE) was established in 2008 by the Nesamony Memorial Trust. The college was founded by its Chairman, Mr. Gerald Selvaraja, an entrepreneur based in the United States, whose international business perspective informs the institution's

strategic direction. The Trust has demonstrated a consistent trajectory of growth in the Kanyakumari region, expanding its academic footprint over nearly two decades:

- **2002:** Bethlahem Matriculation School
- **2006:** Bethlahem College of Education
- **2008:** Bethlahem Institute of Engineering
- **2017:** Bethlahem Hillside International School
- **2018:** Bethlehem New Central School
- **2019:** Bethlahem College of Arts and Science

The college's mission is specifically "to provide academic and career opportunities to all sectors of society, especially socially and economically deprived younger generations." This commitment to regional accessibility and social equity forms the core of its operational character, a mission that is regularly validated by national regulatory bodies.

3. Regulatory Approvals and Quality Accreditations

Regulatory status provides the "so what" for parents concerned with institutional quality. AICTE approval is the mandatory baseline for technical education in India, confirming that a college meets national standards for infrastructure and faculty. NAAC accreditation, however, provides an additional layer of objective validation, assessing how effectively an institution delivers its curriculum and supports its student body.

Bethlahem Institute of Engineering holds AICTE approval for the Academic Year 2025–26, with a total approved undergraduate (UG) intake of 490 seats. A significant indicator of its quality standing is its **NAAC Grade A** accreditation, achieved with a **CGPA of 3.02**. This verified standing confirms that the college operates at a high level of academic and administrative efficiency, providing a reliable foundation for the specific engineering departments it houses.

4. Undergraduate Engineering Portfolio (TNEA 2026)

The B.E./B.Tech. portfolio at BIoE reflects a balance between foundational engineering disciplines—essential for public sector and core industry roles—and emerging "new-age" branches designed to meet the demands of the global digital economy.

Branch Name	Branch Code	Approved Intake (2025–26)	Year Started
Computer Science and Engineering	CS	120	2008
Electronics and Communication Engineering	EC	60	2008
Electrical and Electronics Engineering	EE	30	2008

Information Technology	IT	60	2008
Civil Engineering	CE	30	2010
Mechanical Engineering	ME	60	2010
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AM	60	2024
Biomedical Engineering	BM	60	2025

New-Age Branches: The institution has recently modernized its curriculum with the introduction of **CSE (Artificial Intelligence and Machine Learning)** in 2024 and **Biomedical Engineering** in 2025, signaling a shift toward high-growth technical sectors.

5. Faculty Profile and Academic Leadership

The academic stability of an engineering college is largely defined by its leadership and the research depth of its faculty. High concentrations of PhD-qualified educators ensure that students receive instruction that is not only pedagogically sound but also informed by contemporary research and industry developments.

The institution is led by Principal **Dr. Emmy Prema C**, who earned her PhD in Information and Communication Engineering from Anna University in 2017. As of the 2022–23 academic cycle, the institution maintained a strength of 13 PhD-holding faculty members, grouped as follows:

Department	Faculty Name	PhD University
Civil Engineering	P. Brightson	Anna University
Information and Communication Engineering	V. Sheeja Kumari	Anna University
Information and Communication Engineering	S. Jerald Jeba Kumar	Anna University
Information and Communication Engineering	L. Femila	Anna University
Information and Communication Engineering	C. Emmy Prema	Anna University
Information and Communication Engineering	S.A. Praylin Selva Blessy	Anna University
Electrical and Electronics Engineering	X. Felix Joseph	Prist University

Mechanical Engineering	N. Selvaraj	University of Kerala
Science	M. Abraham Subaraj	Manonmaniam Sundaranar University
Science	D.P. Abhilash	Manonmaniam Sundaranar University
Science	R.S. Abina Shiny	Manonmaniam Sundaranar University
Science	N. Suma	Manonmaniam Sundaranar University
Science	A. Beta Daniel	Manonmaniam Sundaranar University

The presence of these qualified professionals ensures that classroom learning is bridged with academic inquiry, a process supported by the college's physical infrastructure.

6. Campus Infrastructure and Student Logistics

Modern engineering education requires a physical environment that supports both rigorous study and reliable daily logistics. High-speed connectivity and robust transport systems are essential for students to maintain the pace required by a technical degree program.

The campus covers 12 acres and is equipped with 24/7 high-speed Wi-Fi. For research and project work, students have access to DELNET, providing a critical digital gateway to international journals and periodicals.

Hostel Type	Facility Highlights
Boys Hostel	Permanent on-campus housing; Veg and Non-Veg mess options.
Girls Hostel	Permanent on-campus housing; Veg and Non-Veg mess options.

Transport infrastructure serves a wide radius, including both Kanyakumari and Thiruvananthapuram districts. For students from outside these regions, the Kuzhithurai railway station is the nearest major transit point, located approximately 12 km from the campus. These logistical services are further complemented by a robust framework for financial access.

7. Financial Access: Government and Central Scholarships

The availability of diverse scholarship schemes is critical for ensuring that engineering education remains accessible to all economic demographics. These programs allow eligible students to focus on academic performance rather than financial constraints.

State Level:

- Post Matric BC/MBC/DNC Scholarship (TN Government).

National/Specialized:

- Post Matric Scholarship for Minorities.
- Pragati Scholarship (for girl students).
- PM Scholarship (for children of CAPF/Assam Rifles).
- Post Matric Scholarship for students with disabilities.
- Post Matric Scholarship for Beedi workers.

These government schemes are **available to eligible students at this institution**, facilitating equitable academic entry. This commitment to accessibility is matched by the institution's investment in its technical and research ecosystem.

8. Technical Ecosystem and Research Initiatives

Beyond the standard syllabus, an institution’s value is often found in its external technical affiliations. These initiatives provide the practical industry readiness that standard classroom environments may lack.

A primary differentiator for the Bethlahem Institute of Engineering is its status as a **Remote Centre affiliated with IIT Bombay**. This partnership facilitates high-level skill enhancement and provides students with exposure to the standards of India’s premier technical institutes. Furthermore, the **Entrepreneurship Development Cell** serves as a focal point for startup-oriented activities and innovation. To support these activities, the CSE department operates with a **6 Mbps leased line** and fully networked terminals, providing the reliable high-bandwidth connectivity essential for practical training, research, and software development.

These institutional elements—regulatory compliance, established leadership, and a focus on industry-aligned skills—define the Bethlahem Institute of Engineering as a stable choice for engineering aspirants in the TNEA 2026 cycle.

9. 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