

Institutional Profile: Mohamed Sathak Engineering College (MSEC), Kilakarai

1. Institutional Identity and TNEA Framework

For the 2026 admission cycle, a college's foundational identity—specifically its TNEA code, location, and administrative status—serves as the primary filter for student decision-making. These data points dictate the administrative experience, particularly the degree of curricular flexibility provided by autonomy and the regional accessibility of the campus. For students in the southern TNEA landscape, MSEC represents a unique niche: an autonomous, Muslim-minority institution situated along the strategic East Coast Road.

Field	Institutional Details
Full Official Name	Mohamed Sathak Engineering College
Popular Name	MSEC
TNEA Code	5907
Institution Type	Self-Financing / Autonomous
Minority Status	Muslim Minority
Gender Profile	Co-educational
Establishment Year	1984

Affiliating University	Anna University
Administrative Address	Sathak Nagar, East Coast Road, Kilakarai, Ramanathapuram - 623806
Official Website	www.msec.org.in

Institutional Classification Operating as an autonomous entity with a four-decade history, MSEC occupies a significant position in the Ramanathapuram district. Its "Autonomous" designation, coupled with its minority status, allows it to serve a specific demographic while maintaining the rigorous academic oversight associated with its long-standing Anna University affiliation.

Having established the administrative framework, we now examine the historical foundation that provided the bedrock for technical education in this region.

2. Heritage and Founding Milestones

Longevity and trust stability are critical indicators for parents evaluating the permanence of an engineering institution. The history of the managing trust and the college's role as a pioneer in the state's self-financing sector provide essential context regarding its institutional health and commitment to the region.

Founding Timeline and Milestones The institution was established by the philanthropic Mohamed Sathak family of Kilakarai through the Mohamed Sathak Trust (est. October 26, 1973). The college was founded in 1984 with a specific mandate to provide technical education to the backward communities and financially challenged backgrounds of the Ramanathapuram District.

- **1984:** Received formal government approval via G.O. Ms. No. 1088, Education, dated August 21, 1984.
- **1984:** Recognized as the first self-financing engineering college approved in Tamil Nadu.
- **1984:** Launch of foundational departments: Mechanical, Electronics and Communication, and Civil Engineering.
- **1993:** Introduction of Computer Science and Engineering.
- **1998:** Introduction of Aeronautical Engineering.

Institutional Evolution MSEC has transitioned from the trust's initial 1980 polytechnic venture into a mature, multi-disciplinary engineering provider. This evolution reflects a targeted shift from providing basic technical skills to offering high-level professional degrees that align with state-wide industrial requirements.

The institution's historical standing is further validated by its current status with national regulatory and accreditation bodies.

3. Regulatory Status and National Accreditations

External benchmarks from AICTE and NBA distinguish institutions that meet basic operating requirements from those that achieve specialized program-level excellence. While AICTE approval confirms the legal capacity for the 2025-26 academic year, NBA accreditation serves as a qualitative indicator for specific departments.

- **AICTE Status:** Active approval for the Academic Year 2025-26.
- **NBA Accredited Programs:**

Program	Accreditation Validity
Computer Science and Engineering	Until June 2027
Information Technology	Until June 2027

Accreditation Analysis The current NBA accreditation window for the Computer Science and Information Technology branches underscores a high level of pedagogical rigor in these specific departments. For prospective students, these accreditations until 2027 signify that the college has met national standards for faculty quality, infrastructure, and student outcomes in the computing domain.

These regulatory markers define the quality of the academic portfolio available for the upcoming TNEA intake.

4. Academic Portfolio: B.E. & B.Tech Programs (TNEA 2026)

A student's choice of branch increasingly involves a trade-off between traditional core engineering and "new-age" specializations. The 2026 portfolio at MSEC indicates a significant pivot toward aligning seat capacity with modern industry demands.

Branch Name	Branch Code	Approved Intake	Year Started
Computer Science and Engineering	CS	90	1993
Information Technology	IT	90	1999
Mechanical Engineering	ME	60	1984
Electronics and Communication Engineering	EC	60	1984
Electrical and Electronics Engineering	EE	60	1995
Artificial Intelligence and Data Science (New-age)	AD	60	2022
Computer Science and Business Systems (New-age)	CB	60	2022
Chemical Engineering	CH	45	1996
Civil Engineering	CE	30	1984
Marine Engineering	MR	30	1997

Aeronautical Engineering	AE	30	1998
Agricultural Engineering (New-age)	AG	30	2021
Artificial Intelligence and Machine Learning (New-age)	AM	30	2024
Cyber Security (New-age)	SC	30	2024

Admission Route: TNEA (65% Government Quota / 35% Management Quota).

Academic Focus Analysis Data synthesis reveals that MSEC has transitioned from its origins as a core-engineering provider to a computing-heavy institution. The combined intake for Information Technology, Computer Science, and "New-age" branches (AD, CB, AM, SC, AG) now totals 390 seats, representing approximately 55% of the institution's total capacity. This shift suggests a focused institutional strategy to prioritize emerging technology sectors over traditional core branches like Civil or Mechanical engineering.

Supporting this academic structure is a campus designed to accommodate both local and residential students.

5. Campus Infrastructure: Hostel and Connectivity

Logistical considerations, including campus safety and transport reliability, are paramount for students from outside the Ramanathapuram district. The college's location on the East Coast Road necessitates a robust residential and transport network to ensure consistent student access.

Residential Facilities | Facility | Boys | Girls | | :--- | :--- | :--- | | Accommodation | Permanent (On-Campus) | Permanent (On-Campus) | | Mess Facility | Veg / Non-Veg | Veg / Non-Veg |

Connectivity and Access

- **Campus Layout:** The campus is uniquely situated on either side of the Kilakarai–Erwadi Trunk Road.

- **Local Proximity:** Located 3 km from Kilakarai town.
- **Transit Links:** Ramanathapuram Railway Station (district HQ) is approximately 20 km away.
- **Transport Services:** The institution maintains a dedicated fleet of buses for student and faculty transit.

Accessibility Assessment The provision of permanent housing and diverse mess facilities makes MSEC a viable residential option for non-local students. Furthermore, the college's position on the Erwadi Trunk Road ensures that even those residing in the broader Ramanathapuram region have accessible transit routes via college-operated transport.

Financial accessibility remains a key pillar in the institution's student support framework.

6. Financial Access and Scholarship Schemes

Scholarships function as the primary mechanism for lowering the barrier to entry for meritorious students. MSEC facilitates a combination of statutory government support and internal trust-based funding to assist its diverse student body.

Available Financial Support

- **Government Schemes:** Eligible students may access SC/ST Post-Matric, BC/MBC/DNC, and First Graduate scholarships.
- **Minority Support:** Post-Matric and Merit-cum-Means scholarships via the Ministry of Minority Affairs.
- **Institutional Support:** The Mohamed Sathak Trust Scholarship, which is specifically targeted toward meritorious and economically weaker students.

Analytical Review of Financial Aid While the institution dutifully administers state and central schemes, the Mohamed Sathak Trust Scholarship offers a crucial layer of internal support. By targeting "meritorious" students, this internal scheme reinforces the institution's focus on academic performance as a primary driver of financial accessibility.

These support systems have contributed to the college's documented achievements over four decades.

7. Institutional Achievements and Distinctions

The reputation of an engineering college is often defined by its historical firsts and its standing with regulatory bodies. MSEC's identity is anchored in its role as a regional pioneer and its graduation to autonomous status.

Key Institutional Distinctions

- **Pioneer Status:** Formally recognized as the first self-financing engineering college approved in Tamil Nadu under G.O. Ms. No. 1088 (1984).
- **Autonomous Status:** Conferred by the UGC and Anna University, granting the institution the authority to design its own curriculum and evaluation systems.
- **Programmatic Excellence:** Maintains current NBA accreditation for Computer Science and Information Technology through June 2027.

Regional Impact Summary Over the last 40 years, MSEC has served as the primary engine for technical education in the Ramanathapuram district. By introducing specialized fields like Marine and Aeronautical engineering into a rural landscape, it has successfully expanded the technical horizons for the backward communities it was founded to serve.

For the most current data regarding the 2026 cycle, students should consult the official regulatory disclosures below.

8. CLOSING (MANDATORY)

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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