

Institutional Profile: R.M.D. Engineering College (Autonomous)

1. Institutional Identity and Administrative Framework

R.M.D. Engineering College (Autonomous) is a significant entity within the Tamil Nadu engineering landscape, specifically serving the northern industrial corridor in the Tiruvallur district. For aspirants in the Tamil Nadu Engineering Admissions (TNEA) 2026 cycle, the institution is identified by TNEA Code 1112. It is a Private Self-Financing, Linguistic Minority institution situated in Kavaraipettai, Gummidipoondi Taluk. As a Linguistic Minority institution, the college operates under a 50/50 seat distribution model, with 50% of seats filled through the Government Quota (TNEA Single Window) and 50% via the Management Quota (Consortium), providing distinct admission flexibility. Administratively, the college is affiliated with Anna University, Chennai (2024-25) and maintains a co-educational profile.

This administrative framework, alongside its sister institution R.M.K. Engineering College, establishes it as one of the two most prominent autonomous private engineering colleges in the Kavaraipettai-Gummidipoondi belt.

2. Founding History and Governance

An institution's founding legacy and governance structure are primary indicators of long-term operational stability. R.M.D. Engineering College was established in 2001 under the Sri Swaminatha Naidu Educational Trust, based in Anna Nagar, Chennai. The institution's transition to autonomy represents a significant regulatory milestone, authorized by the University Grants Commission (UGC File No. F.22-1/2017(AC) dated 22.12.2020) and subsequently approved by Anna University (Letter No. 3490/AU/CAC/Autonomous/2021 dated 01.03.2021).

These governance milestones provide the necessary autonomy for curriculum development and internal assessment, leading to the current regulatory and quality benchmarks.

3. Regulatory Approvals and Quality Benchmarks

Approvals from the All India Council for Technical Education (AICTE) and accreditations from the National Board of Accreditation (NBA) are critical benchmarks of pedagogical rigor and institutional eligibility for federal funding schemes. For the 2025-26 academic year, the college holds AICTE approval under F.No. Southern/1-44642880044/2025/EOA. The college maintains valid NBA accreditation for its three legacy undergraduate programs, ensuring these curricula meet global technical standards.

Accredited Program	NBA Status	Validity Period
B.E. Computer Science and Engineering	Accredited	Valid up to 30.06.2026

B.E. Electronics and Communication Engineering	Accredited	Valid up to 30.06.2026
B.Tech. Information Technology	Accredited	Valid up to 30.06.2026

These accreditations serve as a quality baseline for the institution's specialized academic portfolio.

4. Academic Programs and Enrollment Dynamics

R.M.D. Engineering College focuses exclusively on undergraduate technical education, increasingly pivoting toward "New-Age" branches to remain aligned with industry shifts in artificial intelligence and business systems.

Branch Name	College Code	Year Started	Sanctioned Intake (2025-26)
B.E. Computer Science and Engineering	1112	2001	300
B.E. Electronics and Communication Engineering	1112	2001	180
B.Tech. Information Technology	1112	2001	120
B.Tech. Artificial Intelligence and Machine Learning	1112	2021	120
B.Tech. Computer Science and Business Systems	1112	2020	60

The enrollment dynamics highlight Computer Science and Engineering (CSE) as the flagship department, representing approximately 38.5% of the total sanctioned intake. The scale of these programs is supported by a structured instructional leadership team.

5. Instructional Leadership and Faculty Expertise

The delivery of an autonomous curriculum is dependent on the depth of the senior academic leadership. The institution maintains a permanent Faculty-to-Student ratio of 1:16.57, with a total faculty strength of approximately 150. Dr. K. K. Thyagarajan serves as the Dean of Research, overseeing the intellectual output of the departments led by Ph.D.-qualified Professors.

- **Computer Science and Engineering:** Dr. P. Ezhumalai (40 Faculty Members)
- **Science and Humanities:** Dr. V. Tamil Selvi (43 Faculty Members)
- **Electronics and Communication Engineering:** Dr. K. Helen Prabha (28 Faculty Members)
- **Information Technology:** Dr. K. Balasubadra (14 Faculty Members)

- **AI & Machine Learning:** Dr. C. S. Anita (13 Faculty Members)
- **Computer Science and Business Systems:** Dr. G. Amudha (12 Faculty Members)

The CSE department exhibits substantial academic seniority, employing 6 Professors and 11 Associate Professors. This faculty depth is essential for managing the institution's various student support and financial aid systems.

6. Financial Aid and Campus Infrastructure

Government and institutional support systems play a vital role in maintaining accessibility for the Tamil Nadu student demographic.

- **Government Scholarship Schemes:** Eligible students can access PMSS, BC/MBC/DNC scholarships, the 7.5% Government School Students (GSS) scheme, Armed Forces Welfare (AFW), Pudhumaipenn, and TamilPudhalvan schemes.
- **Institutional Memorial Scholarships:** Management-funded aid includes the Shri R. Vijayaraghavulu Naidu, Sri R. Ramanujulu Naidu, Sri S. Swaminatha Naidu, Sri G.R. Naidu, Sri S.R. Rajendra Naidu, Smt. Kanthamma, and Smt. Lakshmikanthammal Memorial Scholarships.

Campus infrastructure includes permanent residential hostels for both boys and girls. For commuters, the college is located approximately 1 km from the Kavaraipettai railway station. Institutional transport is available with annual charges ranging from Rs. 18,900 to Rs. 40,400. This infrastructure provides the necessary baseline for the college's research and innovation activities.

7. Research, Patents, and Institutional Achievements

The institution demonstrates a sustained commitment to technical innovation through external project funding and intellectual property generation.

Key Funded Projects:

- **DST-SDI:** Intelligent Lighting System for Smart Cities (P.I.: Dr. S. ThangaRamya).
- **DST-SERB:** Integrated IoT (LPWAN) Development (P.I.: Dr. K. Balasubadra).
- **SERB:** Intelligent Sorting via Deep Reinforcement Learning (P.I.: Dr. S. Muthusundari).
- **AICTE-MODROBS:** Virtual Reality & AR Laboratory (P.I.: Dr. P. Ezhumalai).

Granted Patents (2024 Highlights):

- **Heartbeat Detection Finger Sleeve:** ML-based system (Granted 05.03.2024).
- **Automated Agriculture Assistant:** (Granted 26.03.2024).
- **Fall Detection System:** (Granted 25.10.2024).

Additionally, the college was the 2nd Runner-up for the AICTE Lilavati Award 2021-22 under the 'Legal Awareness' sub-theme. These research outcomes are an important factor in the institution's overall career placement trends.

8. Career Outcomes and Industry Alignment

A longitudinal analysis of placement data is required to assess institutional performance accurately. While the institution historically secured placement rates exceeding 90%, recent cycles indicate a notable downward shift.

Placement Cycle	Placement Percentage
2016–2020	90.70%
2017–2021	92.74%
2018–2022	96.46%
2019–2023	94.69%
2020–2024	74.69%
2021–2025	72.81%

For the most recent 2021-25 batch, 308 students were placed out of 423 registered candidates. It is critical to note a discrepancy between official data sources: while the TNEA 2025 listing reports a rounded 75% placement rate, internal Career Development Centre (CDC) data confirms the actual figure as 72.81%. Notable recruiters include Celcom Solutions, offering packages of 5 LPA. *Note: All figures are self-reported by the institution.* This data underscores the importance of the college's professional network and alumni connections.

9. Notable Alumni

A robust alumni network provides essential mentorship and industry pathways for current students. A prominent alumnus of the institution is Mr. N. Krishna Kumar, who currently serves as Vice President at BNY India Pvt. Ltd., Chennai.

For TNEA 2026 aspirants, R.M.D. Engineering College remains a Tier-1 choice in the Tiruvallur district, particularly for those prioritizing NBA-accredited programs and affordable autonomous education. While placement trends have softened from historic peaks, the college's strong senior faculty base and research output maintain its competitive standing relative to other Chennai-region autonomous institutions.

10. 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



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