



Mar Ephraem

College of Engineering and Technology

Accredited by NAAC with 'A' Grade & NBA | DST-FIST Supported Institution
(Run By Catholic Diocese of Marthandam)

ANNUAL REPORT 2026

Admirable Chairman of our college and the Bishop of Marthandam Diocese Your Grace Most Rev. Dr Vincent Mar Paulos, Honourable Chief Guest of today's function, Beloved Bishop Emeritus of Pathanamthitta, Your Grace Most Rev. Dr.Yoohanon Mar Chrysostom, Respected Guest of Honour, Dr. Dhanesh G Kurup, Founder, Radspan Wireless system Pvt Ltd, Bangalore, Respected Vicar General of Marthandam Diocese, Rt. Rev. Monsignor Jose Bright, Respected Correspondent and Secretary of our college Very Rev. Fr. Satheesh Kumar, Respected Mother Provincial Rev. Mother.Rose Francis. D.M, Respected Bursar of our college Rev. Fr. Hebin, Respected Chancellor of the Diocese Very Rev. Fr. Franklin Jose, Respected Procurator of the Diocese Very Rev. Fr. Devadhas, Respected College Board Members, Respected Dean Academics Prof. Dr N. Austin, Dean – Research, Prof.Dr. R.K. Selvakumar, Dean - Student Affairs Prof. Dr. V. Suresh and Dean – Futuristic Prof.Dr. D. Rajeev, , Respected college day coordinator Dr. JebaPriya M, Student coordinator Ms. Dena D, Respected Heads of various Departments, Rev. Fathers, Rev. Sisters, the Press, Staff, Parents and my dear students, a warm good morning to all.

ABOUT MAR EPHRAEM

- MAR EPHRAEM College of Engineering and Technology at Malankara Hills, Elavuvilai, Marthandam was blessed and inaugurated by His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, The Major Archbishop of Malankara Catholic Church, on September 14, 2009. Mar Ephraem has grown well beyond an ever-continuing explorative experience, in quality education, with six U.G Programs, three P.G Programs, MBA and two doctoral program. Mar Ephraem is the sole institution in our district to have received funding for 13 Research Development projects, from various government funding agencies such as DST (Department of Science and Technology), DRDO (Defence Research and Development Organization), ISRO and others. Out of these projects, 12 have been successfully completed, while 1 is ongoing.



Journey of Mar Ephraem

The journey of Mar Ephraem College of Engineering and Technology over the past 17 years reflects steady growth, academic excellence, and continuous enhancement of institutional quality.

2009 – Establishment of the institution with four UG programmes: ECE, Civil, Mechanical, and CSE.

2011 – Recognized as a Anna University Nodal College.

2012 – Introduction of PG programmes (CSE) and UG programme in EEE.

2013 – Launch of PG programmes in ECE and Mechanical Engineering. Initiation of international placements in collaboration with Environ Construction.

2014 – Granted 2(f) status by University Grants Commission (UGC).

2015 – Secured first funded consultancy project from ISRO, Government of India.

2017 – Accredited by NAAC and Department of Computer Science and Engineering is recognized as an Anna University Research Centre.

2018 – Establishment of New Generation Innovation and Entrepreneurship Development Centre (New Gen IEDC) supported by DST, Government of India.

2021 – ACIC Mar Ephraem Incubation Forum is the only incubation centre in southern region of TamilNadu supported by the NITI Aayog, Government of India.

2022 – CSE, Civil, Mechanical Engineering Departments are NBA Accredited, Introduction of UG programme B.Tech- Artificial Intelligence and Data Science and PG programme MBA . Mar Ephraem has been approved by MSME, Govt. of India to set up an incubation platform named Mar Ephraem MSME Incubation Centre.

2023 – Mar Ephraem is Recognized as FIST supported Engineering college in Southern Tamil Nadu, recognized by DST, Govt. of India and Mechanical Engineering Department is recognized as an Anna University Research Centre.

2024 – Re-accredited by NAAC with 'A' Grade (2nd Cycle) & designated as a District Advanced Skill Development Centre by District administration, Kanyakumari

2025 – NBA Accreditation (2025–2028) for CSE & Mechanical, Granted Autonomous Status by UGC.

2026 – Mar Ephraem has been officially designated as a Nodal Centre for Virtual Labs, an initiative of the Ministry of Education, Government of India under the



National Mission on Education through ICT, in collaboration with Indian Institute of Technology Delhi.

INFRASTRUCTURE

- Mar Ephraem is situated on a sprawling 12.3-acre expanse, with a built-up area spanning 2,32,545.47 square feet, dedicated to cutting-edge infrastructure. In addition to the existing facilities, we have a fully furnished maker space, computing space with high end computing machines, sector specific laboratory, and discussion room with video conference facility.
- A new Re-Engineering and Innovation Lab has been established, equipped with 3D printers for rapid prototyping and innovation activities.
- A 62 kVA solar power system has been installed as part of the institution's sustainability initiative.

ACADEMICS

- This year, 170 undergraduate students and 68 postgraduates have successfully completed their degrees and are awaiting the conferment of their degrees at the forthcoming graduation ceremony.
- 2 Anna University Ranks : Ashwini (Civil Engineering) secured 25th Rank and Rahul R. S (EEE) secured 22nd Rank.

Institutional ACHIEVEMENTS

- Two project ideas from the ECE and AI departments have been shortlisted for the MSME Idea Hackathon 4.0 organized by the Ministry of Micro, Small and Medium Enterprises, Government of India for the project titled "Autonomous Water Surface Cleaning Robot", with a proposed funding of ₹30 lakhs, mentors are Mrs.G.N.Anbushamni (AP-ECE) and Mrs. A. Antush Fredina (AP-AI&DS).
- Team from the Mechanical Engineering Department achieved a remarkable milestone at National Level Competition BAJA SAEINDIA 2026 by securing 1st place in Tamil Nadu, 2nd place in South India, and 5th place in India at endurance round, Mentored by faculty advisors Mr. A. Jude Felix and Dr.N.E. Godwin Pithalis.
- Team of 10 students from EEE won Best Chairman Award 3rd position in the SAEISS Dr. G. Padmanabhan Electric Two-Wheeler Design Competition Mentored by Mr.Aldous Huxley.



- A team of Students from ECE Department won first prize in Drone Sky Track Race in National Level Event Dronathon 2k26, mentored by Mr.Jalbin
- Another Team from the Mechanical Engineering Department competed at the finals at the national-level Autonomous Drone Development Challenge (ADDC), organized by SAEISS. The team was leaded by faculty advisors A. Jude Felix and Mr.J.Jalbin
- Team of students from Mar Ephraem has been shortlisted for the Grand Finale of Smart India Hackathon (SIH) 2025 at IIT Roorkee bringing pride to the institution.
- The following faculty members have been awarded the doctoral degree this academic Year in their thrust areas. Dr.G. Rashmi (EEE), Dr. Johnwin beula(Maths), Dr.L.R. Bindhu (Maths) Dr.C.T.Lincy (CSE), Dr. Charles Dyson (Civil), and Dr. A. Biju (CSE) were awarded Ph.D. degrees.

Faculty Achievements and Recognitions

- Prof. Dr. A. Lenin Fred served as a National Jury Member for the India International Science Festival and as a member of the Organizing Committee for the International Conference on Artificial Intelligence, Secure Computing and Sustainable Technologies 2026 organized by ISRO.
- Dr. N. Austin is a panel member for the Development of Kanyakumari District, constituted by the District Collector, and a panel member for the “Needs of Kanyakumari District” discussion organized by Startup Tamil Nadu.
- Dr. A. Lenin Fred and Dr. J. Jerusalin Carol, Dr.R.Leo Bright Singh were Yukthi Innovation Pitching Evaluator at the IIC Regional Meet 2025 Conducted by All India Council for Technical Education, Govt. of India.
- Dr. J. Sam Palson, Physical Director, is a certified referee of the Asian Amateur Kabaddi Federation of India, affiliated with the Indian Olympic Association and recognized by the Ministry of Youth Affairs and Sports. He has also been selected as the Coach for the Anna University Women’s Kho-Kho Team and serves as the Zonal Sports Coordinator of the Anna University Sports Board.
- Dr. K.G Manju, AP-MBA received Best Women Faculty Award in 3rd International Conference cum Award Ceremony SIFRE 2025.
- 12 faculty members have served as resource person at various schools, college’s universities for national and international Events.



.Co Curricular Achievements

- A total of 101 students from various departments won prizes in national-level events conducted by prestigious institutions across the state. The achievements were recorded in diverse events such as Hackathons, Paper Presentations, Technical Quiz, CAD Modelling, Debugging, Project Demonstrations, Logo Designing, Voice-Over Drama, E-Sports, AD-ZAP, Connection Game, Assembly and Dismantling, Mr. Mechanic competitions, Photography, and Innovation Challenges, reflecting the students' strong technical skills, creativity, and competitive spirit.
- Mar Ephraem received multiple prizes at the National Level Management Fest, securing one Over all Champion and top positions in Marketing Game, Idea Pitching, Finance Game, Business Quiz, Corporate Walk, and Best Manager events through MBA Department

PROFESSIONAL EVENTS ORGANIZED

- Mar Ephraem strives to address the Industrial Gap from the academics through its systematically planned value added and certificate courses. Such courses have been organized to every departments in collaboration with industry to enrich the skills of the students.
- To provide a practical gesture and hands on experience to the students, Mar Ephraem organized 30 workshops, 27 hands on training programs by experts, 94 Seminars by industrial experts and academicians have been organized to keep the students up to date in emerging technologies.

INDUSTRIAL VISITS/INTERNSHIPS

- Industrial visits are organized for all students to provide practical exposure, bridge the gap between academia and industry, and enhance career awareness. A total of 14 industrial visits were conducted, benefiting 645 students. In addition, the Civil Engineering students participated in a 10-day Survey Camp at Courtallam, guided by a team of experienced faculty members, to gain hands-on field experience in surveying practices.
- A total of 339 students from various departments underwent internships in 47 industries and organizations, including reputed companies such as Keltron, Lucas TVS Ltd., Cochin Shipyard Limited, Sansera Engineering Ltd., BSNL, and AK



Infopark, providing valuable industrial exposure and practical learning opportunities. Among them few students were benefited with stipend.

PROFESSIONAL DEVELOPMENT OF FACULTY:

- Mar Ephraem have Organized 5 Faculty Development programs to enhance Skills of Faculty members. 64 faculty members attended Faculty Development Programs (FDP), and 22 faculty members completed NPTEL/SWAYAM online certification courses, 4 faculty members have been certified under the TalentNext Digital Skills Readiness Program as Wipro Certified Faculty in Java Full Stack. Financial support is provided by the college for Naan Mudhalvan FDP and NPTEL-Certifications.
- Dr. D. Dhanya, Professor and Head of Artificial Intelligence and Data Science, and Mrs. Janila J, Assistant Professor, Department of Computer Science and Engineering, have received the NPTEL Discipline Star Award for the December–July 2025 session.

PUBLICATION OF JOURNAL, BOOKS & BOOK CHAPTERS:

A total of 10 Book Chapters, 2 Books, 9 Conference Proceedings, 2 patents and 33 research articles in peer-reviewed journals were published by faculty with reputed publishers.

ACIC MAR EPHRAEM INCUBATION FORUM

Mar Ephraem has established “ACIC Mar Ephraem Incubation Forum” supported by the NITI Aayog under Atal Innovation Mission (AIM), Government of India. ACIC Mar Ephraem Incubation Forum is designated as a District Advanced Skill Development Centre by District administration, Kanyakumari. It has organized 104 events, including outreach, Ideathons, IP awareness, and capacity-building programs. With 58 academic and industry partnerships, it supports 122 startups both physical and virtual, guided by 94 mentors. So far 6 Community Innovator Fellows(CIFs) are graduated and 5 CIFs on board. Mrs. Pauline Jini Manohar is the Chief Executive Officer.

CAMPUS COMPANY

Mar Ephraem has established a campus-based company, “Mar Ephraem Digital Solution,” which has successfully developed software solutions for banks and hospitals, as well as websites for the Diocese of Marthandam. In addition, the company manages



and maintains the Management Information System (MIS) of Mar Ephraem. The Software Manager of the company is Mr. Kesava Prazad.

COLLABORATION/MOU

In addition to existing 69 MOU, this academic year we have signed 11 MoUs with industries for Research, Community Innovation, training Internships and Placements.

PROFESSIONAL BODIES, CELLS AND CLUBS

Mar Ephraem has 31 different cells and Committees including professional bodies, Co-Curricular and Extracurricular clubs. In the last academic Year Mar Ephraem organized 123 programs covering technical, non-technical, motivational, outreach, Community and health awareness topics to enhance students' overall development.

TRAINING AND PLACEMENT CELL

Mar Ephraem College of Engineering and Technology has a dedicated Training and Placement Cell (TPC) functioning under the leadership of Dr. R. Rethan Raj, Training and Placement Officer. Owing to the effectiveness of the training initiatives, 123 students have secured placements in esteemed multinational and reputed companies through recruitment drives conducted by 22 companies (on campus) and 2 companies (off campus).

NCC

NCC has been functioning effectively in our campus under 11th Tamil Nadu Battalion NCC Nagercoil (11 TN BN NCC Nagercoil), with a total intake of 80 cadets under Lt. M. Manoj as the Associate NCC officer.

Sports

Mar Ephraem Sports club headed by Mr. Sam J Paulson organized various activities for the students to enhance the potentials in sports. Remarkable Achievements include

- Overall Champion title in Athletics (Men & Women) at the Tamil Nadu State Level Inter-University Athletics Meet.
- Overall Runners-up positions in both Men's and Women's Athletics at the Zonal Level Tournament conducted by the Anna University Sports Board.



- The Kho Kho team secured a total of 8 achievements, including 1 First place, 4 Second (Runner-up) positions, 2 Third places, and 1 Bronze medal at District, Zonal and Interzonal Levels

Interzonal Achievements

- Shajan Raj (III AI & DS) won the Gold Medal in Inter-Zone High Jump.
- Dishusha Prince R (II MBA) was selected to represent the Anna University Karate Women's Team.
- Claris Stenila V (III CSE) and Ashika R A (I CSE) were selected to represent the Anna University Kho Kho Women's Team.

Sports Achievement Summary

Total Achievements: 26: Medal / Position Summary:

- Gold Medals- 5, Silver / Second Place- 8, Bronze Medals-2, Third Place-5, Runner-Up Positions-2 , Overall Titles:1 Overall Champion ,2 Overall Second Places

Cultural Achievements

The Fine Arts Club of Mar Ephraem ,is headed by Prof. Asha Beula, organized various activities and achieved notable accomplishments.

- Fine arts team made remarkable Achievement in National Level Inter-College Cultural Fests, securing the Overall Champion Title at events hosted by Stella Mary's College of Engineering, Holy Cross College of Engineering, and Malankara Catholic College, Mariagiri, and the Overall Runner-Up Title at NEMIC FEST 2026 organized by Nesamony Memorial Christian College, Marthandam.
- The Fine Arts team secured Second Prize in Group Song and Second Prize in Western Dance at the National Level Inter-College Cultural Fest hosted by AJK College of Arts and Science, Coimbatore.
- Achievement Summary Overall Champion -3 ; Overall Runner-Up-1; Total Cash award received- INR 51,000.

EPHRAEM MANNA

Ephraem Manna's motto is "For the students, By the students". Dr. Roselin Suhi, Assistant Professor-S&H is the faculty coordinator. Ephraem Manna has



contributed a sum of Rupees One Lakh Eighty Thousand to assist economically backward students.

MAR EPHRAEM INSTITUTIONAL SOCIAL RESPONSIBILITY

- The Public Relations Department of our institution, headed by Dr. Leo Bright Singh, Associate Professor Mechanical Department, organized more than 60 career guidance programmes in nearby schools and for the local community.
- Mar Ephraem has actively supported differently-abled individuals and elderly residents at various old age homes. The institution also organized meaningful contributions and interactive sessions for special children at HOM Special Child Home and Nambikkai Illam.
- The Transport Department staff of Mar Ephraem organized an outreach programme at the Blind School, Irenipuram, extending support and care as part of their community service efforts.

From the inception of the Institution, Mar Ephraem College of Engineering and Technology has taken a lot of initiatives to uphold its goals for providing value-based education, general and specific soft skills, initiating research activities, participating in community activities, and establishing linkages and MoUs. Successful and fruitful completion of each academic year is the result of the dedicated work of everyone in the campus. The management, teaching & non-teaching staff and the students have contributed their might unfailingly. All these have been made possible by the grace of the Almighty God who always leads our way Towards Light (ERGA LUMEN)

Let me conclude my report by thanking one and all for your co-operation and efforts.

THANK YOU