

## Our Uniqueness

NewGen IEDC sanctioned by NSTEDB, Government of India, to grant 2.5 Lakhs to each innovative project of the students.  
Government sponsored research projects worth 16 crores  
Campus Company to convert the innovative ideas of the students into startups.  
Most Promising Institution band by MHRD, Government of India, in ARIIA 21 ranking  
National Cadet Corps under 11 TN BN NCC Nagercoil  
Best outgoing, Best Ambassador, and Best Researcher awards  
Department Associations to exhibit Cocurricular skills  
Providing solutions for industrial problems through Consultancy projects  
Industrial Visits, Entrepreneurship training programmes & Start-ups

## Sports



Our campus possesses sports facilities including indoor and outdoor playgrounds along with a modernized gymnasium. Special training sessions and amenities resulted in achievements at various district and zonal sports events.

The Training and Placement cell organizes various training programmes including Soft Skill Training, Aptitude Training, Communication Training and Company Specific Training for enhancing the potential of the students and making them employable.



## Training and Placement

# Mar Ephraem

## College of Engineering & Technology

Run by Catholic Diocese of Marthandam

(A NAAC Accredited Institution)

Approved by AICTE and Affiliated to Anna University, Chennai.



Counselling Code :4928



## Vision

A world class Malankara institution of higher learning renowned for its excellence in Science and Technology and for its commitment to the holistic development of the individual and Society.

## Mission

To provide quality and Value Based Education for the industrial and socio-economic development of the nation with its diverse cultures through relevant programs in teaching and learning, research, extension and community involvement.



Malankara Hills, Elavuvilai,  
Marthandam-629171  
Kanyakumari District, Tamil Nadu

Call us : 04651-271111, 272158, Mob: 09442448111  
email : marephraem@gmail.com,  
Web: www.marephraem.edu.in



## Programmes Offered



### CIVIL ENGINEERING

- Consultancy by students for government and private organisations.
- Advanced Civil Engineering equipment such as Total Station & GPS
- Advanced Construction and highway material testing facilities like digital UTM & CBR.
- Latest Drafting and Management softwares like Revit Architecture, primavera, etc.
- Advanced water and soil quality analysis using spectrometer, Triaxial compression testing machine.

### ELECTRICAL & ELECTRONICS ENGINEERING

- Renewable Energy Club to promote awareness of energy conservation.
- MOUs with leading industries for job oriented industrial training
- Multi-Product Calibrator (Fluke), Power quality analyzer and automated rewinding machine for consultancy work.



### COMPUTER SCIENCE AND ENGINEERING

- Centre for research, affiliated to Anna University.
- ISRO respond project on automation software for cryogenic engine
- Consultancy projects for Wolkite University, Ethiopia
- International internship at Nanyang Technological University, Singapore
- Funded research projects up to 5 crores from the Ministry of Science & Technology, Govt. of India.



### MECHANICAL ENGINEERING

- Offers value-based education, and a conducive environment to develop analytical and practical skills.
- Faculty research on novel composites, renewable energy, product development and CFD.
- Active and Vibrant SAE collegiate club.
- Fabrication Laboratory together with Stir Casting Machine and 3D Printer.
- Testing Facilities include TGA/DSC Analyzer, wear testing Machine,
- Micro Hardness Testing Machine and Surface Roughness Testing Machine.

### ELECTRONICS AND COMMUNICATION ENGINEERING

- Hands-on training on Robotics through workshops and short-term training programmes.
- Top-notch research on new-fangled areas like Robotics, Automation and the Internet of Things (IoT).
- Developmental Facility for Printed Circuit boards (PCB) with high-end units like PCB assembling machine, PCB Scrubbing machine
- Opportunities to students for working on funded projects (IEDC), Govt.funded projects.
- Vibrant IoT club for encouraging activities on progressive technologies on IoT.



### B.Tech - Artificial Intelligence & Data Science\*

- Artificial intelligence and data science has emerged as a dynamic and been applied in diverse fields like speech recognition, Robotics etc.
- Our faculty are highly proficient in the field of Machine Learning, AI and assist our students to develop Vision based projects and Gaming applications.
- We have developed Machine Learning Models which are Highly Predictive and could be applied in various applications inclusive of Agriculture, Data Management, Data Mining.

### POST GRADUATE PROGRAMMES

1. M.E. Computer Science and Engineering
2. M.E. Applied Electronics
3. M.E. Manufacturing Engineering
4. MBA\*

\* Subjected to approval

### Ph.D.PROGRAMME

1. Computer Science and Engineering