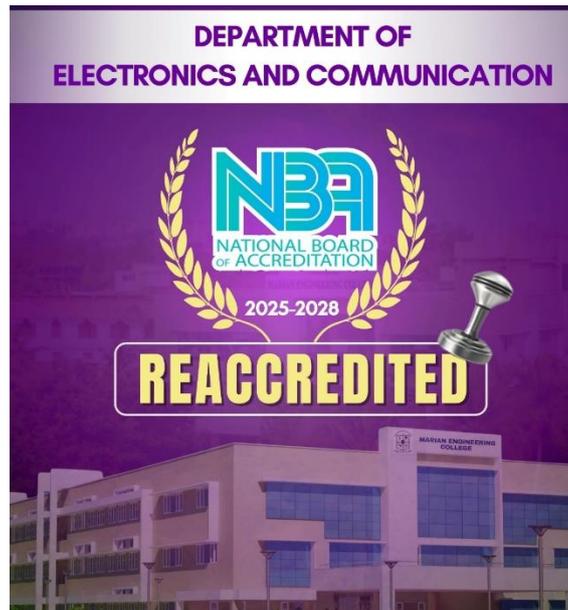# DEPARTMENT ACHIEVEMENTS

Aarsha Arther (21-25EC) was awarded as the Best NSS volunteer secretary of Marian Engineering College for the year 2024-25

The 21-25 ECE students Ann Pereira, Aswin A. had participated in the project expo SIGHT 2.0 , organized by UST and reached the final team of 14 out of 1000 who registered

Nevin John and team of 2022-2026ECE presented FPV Drones, VTOL prototype and live 3D printing at the Kerala Startup Mission Exhibition on 27th July, 2025.
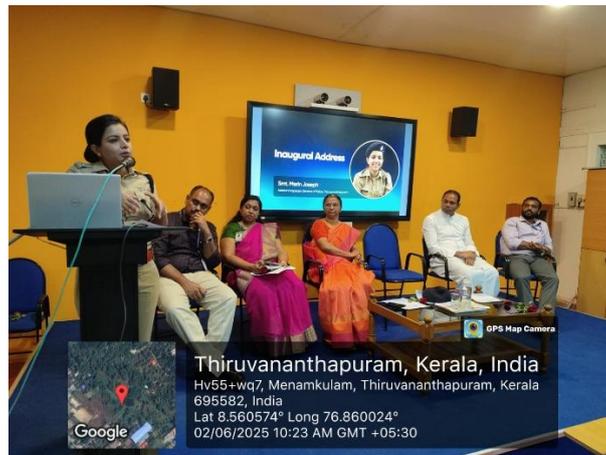

DEPARTMENT ACTIVITIES

IOT WORKSHOP

The Department of Electronics, under the guide-ship of Dr. M.Manoj organized a 14 day Hands-on Workshop "Iot Unplugged: Build , Code ,Connect", from 2nd June , 2025. The event was inaugurated by Smt. Merin Joseph IPS (Assistant Inspector General of Police, TVM). 30 students had registered and successfully completed the workshop. The Valedictory function

was held on 20th June, 2025 by Dr. Arul R. B. Krishna IPS, Superintendent of Police, Kerala Railways where he distributed certificates and prizes for the wokshop participants.

Smt. Merin Joseph IPS, for the Inaugural Ceremony on 2nd June, 2025

Dr. Arul R. B. Krishna IPS, Superintendent of Police, Kerala for the Valedictory Function on 20th June, 2025

IEEE EMBS (Engineering in Medicine and Biology Society)

IEEE EMBS Student Chapter has been formed at Marian Engineering College w.e.f 20th June, 2025.

IETE STUDENTS FORUM (ISF)

On 29th September, 2025 the students of IETE Students Forum visited 'Ananth Technologies' at KINFRA Park, a key aerospace hub established in 2022 for Avionics Development and Launch Vehicle Integration supporting India's Space Missions and self- reliance goals.

On July 26, the IETE Students Forum hosted "Qriosity," a thrilling quiz program that drew 35 teams from various branches. Congratulations to the winners: Team Anisha Rachel Haren and A. Harsha (S3 ES) took the top spot, while Team Sravan P and Vaishnav H (S3 EC) secured second place.

MOU SIGNED: LumeXR Immersive solutions and Dept. Of Electronics (ECE $ ES) signed on 31-7-25

MoU signing between LumeXR Immersive solutions and Dept. Of Electronics. Lume is a firm which works in Augmented reality and Virtual reality. They will select 20 students, train them (free of cost) and provide internship and job offers based on performance.

IEEE EMBS- ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY

On 7th August , around 25 aspiring to-be IEEE members attended an IEEE membership campaign and an informative session on IEEE Engineering in Medicine and Biology Society (EMBS). The session was lead by Dr. Shanthi K. J (Senior member of IEEE), Prof. Ann Mathew and Prof. Dhanya Mathew (IEEE Professional Members)

- **STUDENT CHAPTER INAUGURATION ON 27TH SEPT. 2025**

The student chapter was inaugurated by Chief Guest Mr. Vinod Kumar V , Scientist, Sree Chitra Thirunal Institute of Medical Science and Technology and Chair EMBS, IEEE Kerala Section.
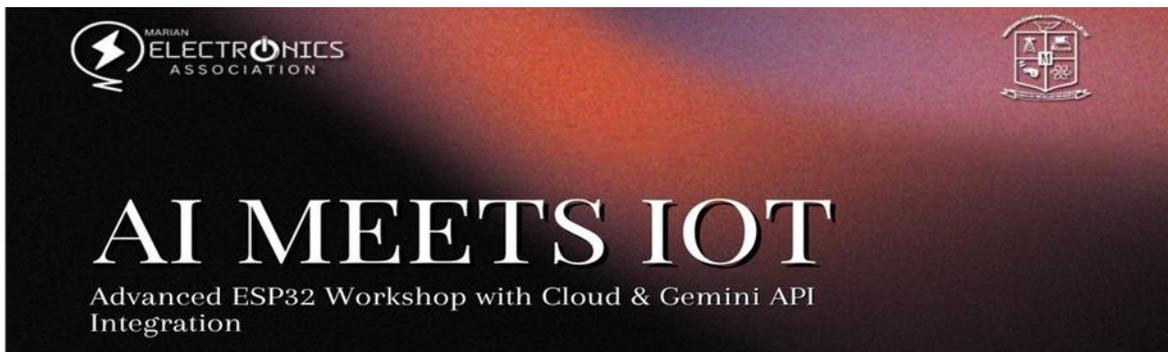
The inauguration was followed by

1. Technical Talk by Dr. Jithin Krishnan, Scientist Sree Chitra Thirunal Institute of Medical Science and Technology and Vice- Chair EMBS, IEEE Kerala Section. on ' Neuro-engineering and Neuromodulation- A Bird's Eye View '
2. Intercollegiate student Paper Presentation Contest based on themes related to EMBS. Eight teams had participated.
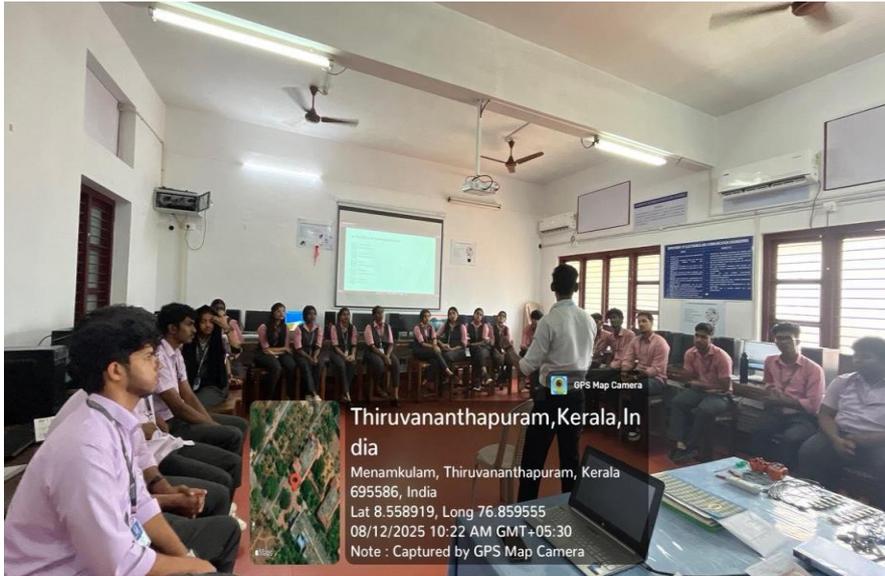

On Sep 29, a group of faculties and students visited SCTIMST as part of **Industrial Visit**

IOT WORKSHOP

The "AI Meets IoT" workshop was organized in two batches — the first held on 12th and 13th August and the second on 25th and 26th August — with the goal of providing participants with a comprehensive, hands-on learning experience in combining Artificial Intelligence (AI) and the Internet of Things (IoT). The sessions were conducted by Mr. Adhith D John, Project Engineer at IPCS Global, Thiruvananthapuram, who brought his strong technical expertise and practical knowledge to guide the participants effectively throughout the program.

- **CODE CRAFT CHALLENGE**

CodeCraft Challenge 3.0 – Build. Code. Win. The CodeCraft Challenge returned this year with even more innovation and excitement, hosted by the Electronics Association at Marian Engineering College. Designed to ignite creativity and technical skill, the event invited students from S3 and S5 of all departments to develop microcontroller- based mini projects that combined ingenuity with real-world impact.

NATIONAL CONFERENCE on Recent Trends in Humanitarian Technology , hosted by the Department of Electronics in collaboration with National Institute of Speech and Hearing

Inaugural Ceremony of National Conference on Recent Trends in Humanitarian Technology on 30th October.The Chief Guests were IEEE Kerala Section Chair and IIST Dean Dr.Manoj B.S and Dr.Suja Kunnath, Executive Director, NISH
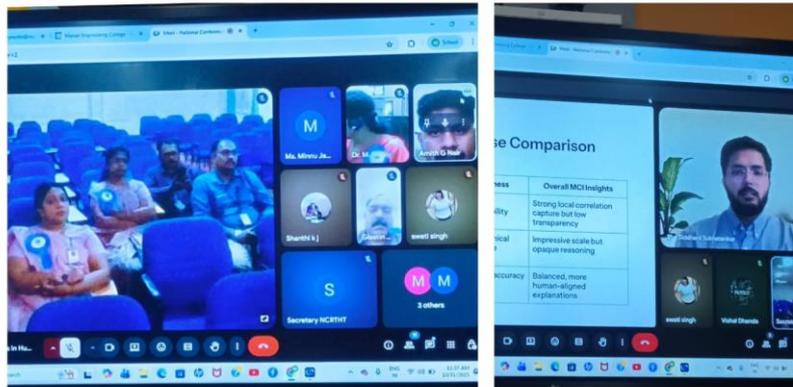

Pre-conference Hands-on Workshop to Empower Assistive Technology Tools' by the resource persons from National Institute of Speech and Hearing, Amith G Nair(Hardware Engineer/Electronics lecturer), Deepu Raj(Senior Engineer CATI) and Muhammed Janish(Project Research Scientist).

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Day 2(31st October) 1st Plenary Session by Dr.Pradeep R on Inclusive Assistive Technology, followed by Offline Paper Presentations during the forenoon.

2nd Plenary Session by Mr.Amith Nair, followed by Online Paper Presentations during the afternoon

THE DEPARTMENT OF ELECTRONICS - ISTE LECTURE SERIES

The Department of Electronics along with ISTE MEC has organized a 3 day Lecture series .

Resource Person - Hema S Mahesh

Topic : Unveiling the Unseen: An Introduction to Optical Coherence Tomography (OCT)

Resource Person: Sreena V .G

Topic: Advancements in Ensemble Strategies for Lung Disease Segmentation and Detection using Deep Learning

Resource Person: Vinitha B Elza

Topic : Emerging Third Generation Solar Cells

Date : 25-11-25 , 11.30 to 12.30 pm

ELECTRONICS ASSOCIATION ACTIVITIES

- **INAUGURATION OF ELECTRONICS ASSOCIATION 2025**

The Department of Electronics organized the Inauguration of the Electronics and Communication Association 2025 on JULY 30,2025, marking the beginning of a new academic year filled with innovation, technical engagement, and collaborative growth. The event brought together faculty, students, and industry professionals to discuss the evolving trends in electronics and the semiconductor sector. The event as graced by Mr. Tony Joseph and Mr. Jeffery Scott Boeker as chief guests

- **GATE AWARENESS SESSION**

The Electronics Association of Marian Engineering College organized an informative and interactive GATE Awareness Session exclusively for the students of S5 and S7 on 31st of July 2025. The session aimed to provide students with a comprehensive understanding of the Graduate Aptitude Test in Engineering (GATE) — its importance, preparation strategies, and the career opportunities it unlocks. The session was led by Mr. B. Dinesh Kumar, Marketing Manager of ACE Engineering Academy, a reputed institute known for GATE coaching across India.

UNLOCKING CAREERS IN BANK & SSC

The Marian Electronics Association organized a career guidance program titled "Unlocking Careers in Bank & SSC" for S6 EC & ES students, in collaboration with Veranda RACE, a reputed training institute for Bank and SSC examinations with the objective of creating awareness among students about career opportunities in the Banking and Staff Selection Commission (SSC) sectors on December 16, 2025.

FDP PARTICIPATIONS/
JOURNAL & CONFERENCE PUBLICATIONS

FDP PARTICIPATED

- Ms. Hema S Mahesh (AP-ES), Mr. Abhishek J.B(AP-ES) and Ms.Subha P.S (Asso.Prof.-ECE) has participated in a 5 day FDP on " Artifical Intelligence and Data –Science- Hands on orientation" organized by TKM Institute of Technology, from 23rd to 27th June, 2025

- Ms. Lorinda E (AP-ES), has participated in a 5 day FDP on "Innovation and Entrepreneurship", organized by AICTE and Ministry of Education's Innovation Cell from 7th to 11th April, 2025.

- Ms. Lorinda E (AP-ES), has participated in a 5 day FDP on "Empowering Innovation: Mastering R programming and AI Development Strategies ", organized by Jyoti Engineering College, Thrissur from 2nd to 6th June, 2025.

- Mr. Abhishek J.B(AP-ES) has participated in a 5 day FDP on " CYBER SHIELD: Cyber Forensics and Ethical Hacking" organized by Ilahia College of Engineering and Technology, from 26th to 30th September, 2025

- Ms. Lorinda E (AP-ES), has participated in a 5 day FDP on "AI DRIVEN LEARNING MANAGEMENT SYSTEMS", organized by Mar Baselious Institute of Technology and Science, Kothamangalam from 21st to 26th July, 2025.

- Ms Sreelakshmi A (AP-ES), has participated in a One day workshop on "Intellectual Property Rights and Patent Filing ", organized by Marian Engineering College on 30th July, 2024.

- Dr. M.Manoj (Prof.,ECE) has participated in the Refresher Course on Cutting Edge Innovations in Wearable Technology Devices, conducted by IIITDM, Kanchipuram from 8-12-2025 to 19-12-2025.
- Ms. Vinitha B Elza (Asso.Prof,ECE) participated in the 6-days ATAL FDP on Frontiers in Semiconductors and Functional Materials, organized by Raajdhani Engineering College from 15/12/25 to 20/12/25
- Ms. Minnu Jayan C.(AP,ECE), Ms. Mary Sunitha.(AP,ECE), Ms.Simi M.S (AP,ECE) , Ms. Preetha S.L (AP,ES) ,Ms. Nurul Hidaya (AP, ES) and Ms. Hema S. Mahesh (AP,ES) participated in the 6-days FDP on Expanding Horizon : AI in technology applications organized by Dept. of ECE, Bishop Jerome Institute, Kollam from 03/11/25 to 08/11/25
- Ms. Dhanya Mathew (AP,EC), Ms. Ann Mathew(AP,ES), Ms. Lorinda E (AP,ES) and Mr. Evan Kumar G (AP,ECE) participated in the 6-days FDP on Sustainable Urban Waste Management: Combining Centralized, Decentralized Systems with AI Innovation at MARIAN ENGINEERING COLLEGE from 24/11/2025 to 29/11/2025.
- Mr. Evan Kumar G (AP,ECE), participated in the 5-days FDP on Next-Gen AI : From Deep Learning and Transformers to Responsible AI, conducted at Amal Jyothi College of Engineering ,Kanjirapally from 24/11/2025 to 28/11/2025
- Ms.Sreena V. G. (AP,ECE), Ms.Dhanya Mathew (AP,ECE) and Ms.Ann Mathew(AP,ECE) attended 'NATIONAL FDP ON Exploring Generative AI- Models, Applications, and Innovation', by St Thomas Institute of Science and Technology, 24/11/2025 to 26/11/2025
- Ms. Preetha S.L (AP, ES) and Ms.Simi M.S (AP, ECE) participated in the 5 days FDP on Deep learning and Neural Networks organised by the Department. of ECE, MES College of Engineering and Technology, Kunnukara, Eranakulam from 09/12/25 to 13/12/25
- Ms. Lorinda E (AP,ES) participated in the 5 days FDP on Artificial Intelligence Tools For Research and Academic Writing, organised by the Avantika Univefrsity, Ujjain, Madhya Pradesh from 08/10/25 to 12/10/25

CONFERENCE & JOURNAL PUBLICATIONS

- Ms. Simi M.S., has published the paper titled "Real Time Accident Detection and Alcohol Monitoring using a Smart Helmet" in IJERT, Vol.14, Issue 4, April 2025. Paper ID:IJERTV14IS040043
- Ms. Vinitha B Elza, has published the paper titled "NPK Finder", in CREEST 2K25 (International Conference on Recent Trends in Energy, Environment Science and Technology) organized by UKFCET from 7th to 9th May, 2025.
- Ms. Ramola Joy P., has published the paper titled "Real Time Fire And Smoke Monitoring In Vehicles Through Automated Safety System", in IJRASET ,Vol.13, Issue 5, May 2025. Paper ID:IJRASET71315

PLACEMENTS 21-25 ECE

Admn No.	Full Name	Placement Offers from
MCE21EC020	Fiza Akbar	H&R Block
MCE21EC010	Ann Marie Pereira	Quest Global, Academor , Grantley
MCE21EC045	Sudarsanan A	Nissan Digital, Zigbill, Launched
MCE21EC036	Nourin A	Grantley, Coding Cult
MCE21EC030	Namitha Ps	Zigbill
MCE21EC044	S Lavanya	UST,Grantley, Coding Cult
MCE21EC031	Nandana S Chandran	UST, Teachnook,Qspiders,Grantley
MCE21EC005	Akshay Sudheer H	Academor Edutech, Qspiders
MCE21EC029	Mohammed Sherhan S	Quest Global, Grantley
MCE21EC032	Nathasha F Almeda	Grantley
LMCE21EC051	Leona Dennis	Teachnook, Grantley, Launched, CODING CULT
MCE21EC037	N S Anakha	Launched, Kodnest
MCE21EC002	Abhiram A B	Grantley
MCE21EC001	Aarsha Arther	Academor Edutech, Zigbill
MCE21EC046	Vimal Victor	Grantley
MCE21EC041	Savin Kumar J	Grantley
MCE21EC008	Amritha B S	Teachnook, Grantley, Maintec Technologies
MCE21EC009	Anjana S	Corizo, Maintec /technologies
MCE21EC015	Avinash Sudheer H	Academor Edutech
MCE21EC027	Mary Ealeesha Rainald	Academor Edutech
MCE21EC026	Krishna Dev M P	Grantley, Launched
MCE21EC034	Nikhitha Yesudas	Grantley
MCE21EC003	Abhi Uday S	Launched
MCE21EC018	Darshan Sunil Patil	Tech Mahindra, Launched
MCE21EC013	Aswin A	Tech Mahindra, Grantley

25 out of total 44 Students of 2021-2025 ECE batch were placed with 52 placement offers.