

MARIAN MOMENTS

Newsletter of Marian Engineering College, Kazhakuttom



Engg. College Code
MCE

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VISION OF THE INSTITUTE

To be an institution offering quality technical education and promoting research with strong ethical values for public good

MISSION OF THE INSTITUTE

To mould the young men and women into technologically up to date, socially conscious and morally sound individuals by providing an inspiring environment of learning for the welfare of the society

THE "GENESIS-25" WITH ESTEEMED GUESTS ARCHBISHOP THOMAS J NETTO AND DISTRICT COLLECTOR ANU KUMARI IAS



ISTE TRIP TO MALAYSIA





MESSAGE FROM
THE MANAGER



It gives me immense joy to extend a warm welcome to all readers of this edition of the Marian Newsletter as our college proudly steps into its Silver Jubilee year. This milestone marks a time for gratitude, reflection, and renewed commitment to the values and vision that have guided Marian Engineering College since its inception.

From its humble beginning with just three programs and 180 students, Marian has grown into a leading institution offering seven undergraduate programs with a total intake of 540 students. The introduction of the MBA program in 2024, with an intake of 60 students, marks another significant step in our continuous journey toward academic excellence and holistic education. Staying true to our founding mission, the college remains deeply committed to uplifting students from weaker sections of society while supporting many meritorious learners through scholarships and financial aid. Our pursuit of quality has been affirmed through the NBA accreditation of five programs. Over the years, Marian has also achieved commendable academic results, consistently ranking among the top self-financing engineering colleges in Kerala. As we progress on our path towards achieving autonomy under APJ Abdul Kalam Technological University, we look forward to the greater academic flexibility and opportunities it will bring — empowering us to innovate, collaborate, and contribute more effectively to the advancement of society.

As we enter this significant chapter in Marian's journey, I extend my heartfelt gratitude to all who have contributed to the growth of this institution — the management, faculty, staff, students, alumni, parents, and well-wishers — whose dedication and support have shaped Marian into what it is today. A special note of appreciation is due to the editorial team for their sincere efforts in compiling and presenting the activities and achievements of the college through this newsletter, which beautifully reflects the Marian spirit of excellence, commitment, and service. May the Silver Jubilee year inspire us to continue this journey with renewed faith, enthusiasm, and a shared vision for a brighter tomorrow.

Best regards,
John

Manager

MESSAGE FROM
THE PRINCIPAL



The global employability landscape for engineers is undergoing a period of significant transformation, shaped by rapid advances in technology, automation, and sustainability imperatives. As industries increasingly adopt artificial intelligence, robotics, and data-driven systems, many traditional roles are being redefined or replaced. The recent wave of lay-offs and job losses across technology and engineering sectors reflects this transition — driven by automation, digital restructuring, and shifting global market demands. Yet, these developments also signal the creation of new opportunities for engineers equipped with advanced, adaptive, and interdisciplinary skills.

To meet these evolving challenges, engineering education must keep pace with change. Faculty should align curricula with industry trends, integrate emerging technologies, and promote research, innovation, and entrepreneurship. Students must cultivate lifelong learning habits, gain practical exposure through internships and projects, and strengthen both technical and soft skills to remain globally competitive.

By fostering adaptability, innovation, and continuous learning, both faculty and students can ensure that engineers not only withstand the disruptions of automation and global change but also lead the way toward a more sustainable and technology-driven future.

Best regards,
John

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) MARIAN ENGINEERING COLLEGE CHAPTER

ENTREPRENEURSHIP AND IPR



ISTE chapter of Marian Engineering College in association with Marian Business school conducted a 3-day FDP on ‘ENTREPRENEURSHIP AND IPR’ from 6th to 8th January 2025. This FDP was conducted with the objective of empowering faculty with entrepreneurial knowledge and IPR awareness. The program aligns with the KTU curriculum focusing on the integration of theory, practical exposure, and collaborative learning. The resource persons were Dr. Shibulal A L, HOD MBS , Dr. Vineetha Mathew, Faculty MBS, Ms. Saranya Sathyanesan, Faculty MBS, Mr. Ninu P John, Faculty MBS, Dr. Narayanan S, Professor Department of Civil Engineering and Dr. Manoj M, Professor Department of Electronics and Communication Engineering. 20 faculties participated in this FDP.

LEVERAGING AI IN TEACHING & LEARNING

ISTE Chapter of Marian Engineering College organized two-day FDP on “LEVERAGING AI IN TEACHING & LEARNING’ on 8th & 9th May 2025. The sessions were handled by eminent resource persons Mr. Mohammed Afzal, Google for Education Certified Innovator & Trainer and Mr. Vishnu Vijayan, Chief Information Security Officer, Zilicon Technologies Pvt Ltd. 36 faculty members from Marian Engineering College and 3 faculty members from external colleges registered and participated in the FDP. The FDP was conducted in two days schedule.



INTEGRATING AI IN EDUCATION: INNOVATIVE TOOLS FOR TEACHING AND LEARNING

ISTE Chapter of Marian Engineering College organized two-day FDP on “ INTEGRATING AI IN EDUCATION: INNOVATIVE TOOLS FOR TEACHING AND LEARNING” from 29th and 30th May 2025. The program aims to equip participants with practical knowledge and skills to use AI tools effectively in the classroom. It focuses on enhancing teaching, personalizing learning, and promoting ethical, creative use of AI to support modern, future-ready education. The resource persons were Dr. Achuth Shankar S Nair, Former Professor & Head of Dept. of Bioinformatics, University of Kerala and Mr. Riji N Das, Head - Knowledge Office, ICT Academy of Kerala. 15 participants participated in this FDP .



Participants of Two Day FDP in Integrating AI in Education: Innovative Tools for Teaching and Learning

HEALTH AND LIFE STYLE IN POST COVID ERA

ISTE MEC chapter organised a session on the topic " **Health and life style in post Covid era**" by **Dr Sulphi Noohu** ,National coordinator, IMA, Senior consultant ,ENT surgeon ,General hospital Trivandrum .The session focussed on the insights of being healthy ,how to lead a healthy life style and about the myths and facts of post Covid era .Really an excellent speaker whose expertise and ability in sharing the knowledge is truly inspiring. 37 Faculty members got benefitted.



INTERNATIONAL TRIP TO MALAYSIA

ISTE MEC Chapter organized an International trip to Malaysia from August 31st to 3rd September 2025, accompanied by 10 faculty members and their beloved families. The group explored almost all fun, technical as well as the soul of Malaysia. The voyage went well with the expert co-ordination and support of Dr. Samson A.



Enthusiastic faculties along with Dean Dr. Samson A

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)STUDENTS CHAPTER

The ISTE Student Chapter Held A Productive Meeting At Bishop Benziger Hall From 11 Am To 12 Pm, Where 218 Members Discussed Upcoming Events For The 2025-26 Academic Year.



➤ **NSS ACTIVITIES BLOOD QUIZ**





A **blood donation awareness quiz** was organized at ACE College of Engineering, aimed at promoting knowledge about blood donation among students. Eight volunteers from our college participated in the event, representing our institution with enthusiasm and a strong sense of commitment to the cause

➤ **BLOOD DONATION SURVEY**

A blood donation survey was conducted with 12 students, divided into 4 teams of 3, each led by a senior. The teams visited several houses in the locality around the college to gather responses. The survey showed that most people were aware of the importance of blood donation, and many expressed willingness to donate. Common barriers included fear and health concerns. Teams suggested awareness drives and local donation camps to improve participation.



➤ **ZERO-CARBON EMISSION**

On 1 August 2025, 15 NSS volunteers attended a **Zero Carbon Emission** session organized by **Bhoomithra Sena**, aimed at promoting environmental sustainability and awareness of strategies to reduce carbon footprints



➤ **SAPLING COLLECTION**

As a part of Green Protocol and Zero Carbon Campus initiatives, a tree sapling handover ceremony was held in Marian Engineering College on 15th July 2025.

The sampling has been received by **Dr. Samson A.**, the Dean of the college, from NSS student member.

The PRO of the college, **Mr. Abhijith R P**, the **faculty and student members of NSS**, Bhoomithrasena, Green and Zero Carbon Campus clubs were also attended the meeting.

This initiative paved a way to enhance the activities for making the campus a carbon free and sustainable one. Planting native trees and creating green spaces on campus will absorb carbon dioxide and enhance biodiversity and thus we can together establish a campus-wide tree-planting initiative by involving all students, faculty, and staff.

➤ **VOLUNTEERS SELECTION**

The NSS Volunteer Selection Program for S3 students was conducted successfully on 20th July 2025. The session began with an ice-breaking session led by Sujith Sir, which helped students feel comfortable and build rapport with one another. It was a session of three hours. Following this, the interview was conducted. Students were interviewed in groups of

three to evaluate their communication skills, team coordination, awareness, and sense of social responsibility. The format included a group discussion, allowing each participant to express their perspectives and prove how they will fit the NSS spirit and values.

➤ **BLOOD DONATION CAMP**



The NSS Unit 345 of Marian Engineering College organized its sixth edition of the blood donation camp, RUDHIRA 6.0, on 8th August 2025, in collaboration with Regional Cancer Centre (RCC), Trivandrum and Pol-Blood cell, Trivandrum. The event was inaugurated by Principal Dr. Abdul Nizar and Manager Rev. Fr. Dr. A. R. John, with inaugural and special addresses by Mr. Mohammad Nadeemuddin IPS and Mr. Shahansha K.S IPS, encouraging students to engage in social service. A total of 103 individuals registered, and after medical screening, 63 successfully donated blood. The collected blood was handed over to the Regional Cancer Centre, Thiruvananthapuram, to help patients in need. The camp highlighted the college’s commitment to community service and promoted the message: “Donate Blood, Save Lives.”

➤ **INDEPENDENCE DAY CELEBRATION**

The NSS volunteers organized the Independence Day programme with great enthusiasm. All students and volunteers gathered in line for the event. The college bursar, Rev. Fr. Jim Carvin Roach, hoisted the national flag, followed by his inspiring speech. After the formal programme, sweets were distributed among the participants. In addition, NSS

volunteers went out on the nearby roads and



distributed laddoos to people around the college, while extending warm Independence Day wishes. The programme was conducted successfully, reflecting the spirit of patriotism and service.

➤ **ONAM**

The Onam celebration was a joyful event where everyone came together. Volunteers drew the outline of a flower carpet, and then decorated it with colourful flowers. They worked as a team to make the flower carpet beautiful. Overall, it was a happy day that showed the spirit of Onam and brought people closer.

➤ **SCRAP COLLECTION**

The NSS volunteers organized a scrap collection activity with the aim of fostering teamwork among the 2nd year volunteers. The students were divided into teams, and each team was guided by two 3rd year NSS volunteers. As part of the activity, the volunteers visited nearby houses and shops to collect scraps and also picked bottles from the roads. The collected materials were later sold to a scrap shop, and the money was collected. The activity was carried out successfully, encouraging teamwork, responsibility, and social awareness among the volunteers.

➤ **HUMANITARIAN ACTIVITIES**



On 24th September, the students of ISTE Student Chapter visited the Benedict Menni Psycho Social Rehabilitation Center, interacting with inmates, promoting social

responsibility and compassion

FACULTY INDUCTION PROGRAM



Marian faculty induction program for the academic year 2025-2026 took place on 30th June. The event welcomed newly joined

faculty members and provided an overview of the college’s history and regulation. This was followed by hands-on session on Etlab software.



Hands on Etlab for newly joined faculty,taken by Ms.Minnu Jayan (AP,ECE)

NEW GYMNASIUM



A new gymnasium was inaugurated at Marian engineering college on 02/07/2025 to promote physical fitness, wellness, and an active lifestyle among students

and staff.The inauguration ceremony commenced at 12.30pm. The event was graced by **Rev Dr A R John** (Manager) Marian engineering college who officially inaugurated the gym by cutting the ribbon with the presence of **Rev Fr Jim Carvin Roach** (Bursar) **Dr Abdul Nizar** (principal) **Dr Samson A** (Dean). The program also included a short prayer/blessing.



The newly opened gym is well-equipped with modern fitness machines and facilities such as:

- Treadmills
- Exercise bikes
- Dumbbells and weight sets
- 6 stations multi-gym
- Yoga and stretching area
- Smith machine
- Battle rope

All equipment has been installed under expert supervision, ensuring safety and accessibility for all users.

INNOVATIVE IDEA

A pen holder for collecting used pens was set up y



Mr. Anil Kumar on July 4th and is now placed at the main entrance of administration block

MINISTER FLAGS OFF KSRTC BUS SERVICE FOR MARIAN EDUCITY



മരിയൻ എഡ്യൂസിറ്റിയിലേക്ക് ആരംഭിച്ച കെഎസ്ആർടിസിയിലൂടെ പുതിയ സർവീസ് ഉന്തി റോഷി അഗസ്റ്റിൻ ഫ്ളാഗ് ഓഫ് ചെയ്യുന്നു.

മരിയൻ എഡ്യൂസിറ്റിയിലേക്ക് കെഎസ്ആർടിസിയിലൂടെ ബസ് സർവീസ് ആരംഭിച്ചു. കഴുകുട്ടം: നെറ്റ് സിറോ കാർബൺ കോമ്പസ് എന്ന ലക്ഷ്യത്തിന്റെ ഭാഗമായി മരിയൻ എഡ്യൂസിറ്റിയിലേക്ക് കെഎസ്ആർടിസിയിലൂടെ പുതിയ ബസ് സർവീസ് ആരംഭിച്ചു. ജലവിഭവ വകുപ്പ് മന്ത്രി റോഷി അഗസ്റ്റിൻ ഫ്ളാഗ് ഓഫ് ചെയ്തു. ചടങ്ങിൽ മരിയൻ എൻജിനീയറിംഗ് കോളേജ് മാനേജർ റവ. ഡോ. എ.ആർ. ജോൺ, ഫാ. ജിം കാർവിൻ റോച്ച്, ഡോ. എ. സാംസൺ, ഡോ. അബ്ദുൽ നിസാർ, ആർ.പി. അഭിജിത്ത എന്നിവർ സന്നിഹിതനായിരുന്നു.

യുവതിയെ അപമാനിക്കാൻ ശ്രമിച്ച കേസിൽ യുവാവ് അറസ്റ്റിൽ വിളിപ്പിക്കപ്പെട്ടു. കാവിൻപുരത്ത് യുവതിയെ ആക്രമിക്കാൻ ശ്രമിച്ചയാൾ അറസ്റ്റിൽ. നൂലിയോട് ചതുവിള വീട്ടിൽ പാഠ എന്റർപ്രൈസീസ് ഉടമസ്ഥൻ (26) ആണ് അറസ്റ്റിലായത്. കടയിൽ സായനം വാങ്ങാൻ പോകുമ്പോഴായിരുന്നു ഇയാളുടെ അതിക്രമം.

On June 25, 2025, Kerala's Water Resources Minister, Shri. Roshy Augustine, launched a new KSRTC bus service from Marian Edu City to Eastfort, benefiting students and faculty of Marian Engineering College. This initiative supports the college's "Net Zero Carbon Campus" goal, providing convenient morning and evening transportation for the community .

GENESIS



The "Genesis" welcoming ceremony for the 25-29 batch of new students was held on August 11, 2025, with esteemed guests Archbishop Thomas J Netto and District Collector Anu Kumari IAS in attendance.

Key Highlights:

1. Warm Welcome: The institution's administration extended a warm welcome, setting a positive tone for the event.

2. Spiritual Blessings: Archbishop Thomas J Netto offered blessings and words of wisdom, providing a spiritual foundation for the students' academic journey.

3. Inspiring Address: Collector Anu Kumari shared motivational insights, emphasizing the importance of hard work, dedication, and perseverance in achieving academic and professional success.

The ceremony provided a wonderful opportunity for new students to connect with the institution's community and receive guidance from distinguished guests.

CHRYSALIS



The Convocation ceremony "CHRYSALIS" for the 2021-2025 batch was held on August 9, 2025, with esteemed guests Prof. Kuruvila Joseph, First Pro-Vice Chancellor at the Indian Institute of Space Science and Technology (IIST), and Very Rev. Msgr. Eugene Pereira. The ceremony celebrated the academic achievements of the graduating class.

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER(IEDC)

CAMPUS INNOVATOR TALK

The Campus Innovator Talk was held on 15th July 2025 and featured alumni entrepreneurs **Mr. Vimal Victor and Mr. Aswin** of TetherUp, who shared their journey from Marian Engineering College students to startup founders. They emphasized the role of IEDC in fostering innovation, the importance of market research, effective pitching, intellectual property, and exploring emerging industries, inspiring students to consider entrepreneurship as a meaningful career path.

SPARK AND SCALE



Spark and Scale took place on 21st July 2025 and was led by **Dr. Pradeep Raj R**, providing a hands-on entrepreneurship experience where students brainstormed, pitched, and developed product ideas in teams. The session covered core concepts of innovation, refining ideas, customer feedback, marketing strategies, and cross-functional collaboration, equipping students with practical skills and motivation to pursue startups confidently.

BLENDIN WITHIN – LET’S 3D THIS!

The 4-day immersive sprint Blendin Within – Let’s 3D This! began on 28th July 2025 and introduced 42 Marian students to 3D design and animation using Blender. Led by **Mr. Akhilesh K S**, participants learned modeling, keyframing, and animation workflows through hands-on offline and online sessions. The program combined creativity with technical skills, providing industry insights and

sparking interest in digital content creation and animation.

SHALYAM 2.0



Shalyam 2.0 was held on 1st August 2025 as a one-day ideathon, enabling 13 student teams to pitch innovative solutions to real-world problems before judges **Dr. M Manoj** and **Mr. Abhishek J B**. The event encouraged creativity, practical problem-solving, public speaking, and entrepreneurial thinking, fostering a supportive environment for aspiring innovators to develop and refine their ideas.

FOUNDERS’ FORMULA



Founders’ Formula took place on 29th September 2025 and focused on refining startup ideas and evaluating entrepreneurial potential. Conducted by **Pramod S**, the session involved interactive group discussions, case studies, and scenario-based exercises, helping students strengthen concepts, analyze real-world challenges, and strategize market entry, equipping them to turn innovative ideas into viable ventures

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING & DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



Dr. Shreelekshmi R, delivered a talk on “CyberSecurity in Social and Finacial Sectors: A Critical imperative” in July 2025 organized by The Institute of Engineers(India) Kerala State Centre under the aegis of Computer Engineering Division Board of IEI held on 30th July 2025 at Marian Engineering College and she also reviewed papers in SISCON 2025 IEEE International Conference in September 2025.

PAPER PRESENTATION



Dr. Anusha B, Assistant Professor of Marian Engineering College, Trivandrum has been appreciated for presenting the session entitled “Fuzzy Intelligent Hybrid System for Smart Application” on the National Level Faculty

Development Program “Empower Minds, Advance Progress: A Journey through AI, Automation, and Emerging Technologies” held from 4th to 14th August 2025 through online



Prof. Binsi P presented a papers on the topics “Fortifying Digital Frontiers: AI/ML against UPI Fraud and Deepfake Social Engineering” and “Rethinking India’s Cyber Security Framework: Legal Gaps and Global

Leasons” organized by The Institute of Engineers (India) Kerala State Centre under the aegis of Computer Engineering Division Board of IEI held on 30th July 2025 at Marian Engineering College.

PAPER PUBLICATIONS

Dr.Anusha B published a paper” Context-Based Approach For Multi-Captioning Object Annotation With Inference Knowledge Using Hidden Markov Model” in IEEE Xplore on 18-07-2025. This paper received best paper award in IEEE conference conducted by College of Engineering, Trivandrum

Dr. Sindhu Chandra Sekharan published “Integrating advanced neural network architectures with privacy enhanced encryption for secure and intelligent healthcare analytics”. Sci Rep 15, 30367 (2025). <https://doi.org/10.1038/s41598-025-92575-8>. And she also published “Visionary Assistance: Where Smart Outsmarts Sight. In: Senjyu, T., So-In, C., Joshi, A. (eds) Smart Trends in Computing and Communications.” SmartCom 2025. Lecture Notes in Networks and Systems, vol 1461. Springer, Singapore. https://doi.org/10.1007/978-981-96-7508-1_27. And she also published “VEDA: Visual Extraction and Decryption of Ancient Scripts. In” : Senjyu, T., So-In, C., Joshi, A. (eds) Smart Trends in Computing and Communications. SmartCom 2025. Lecture Notes in Networks and Systems, vol 1461. Springer, Singapore. https://doi.org/10.1007/978-981-96-7508-1_31.

Prof. Harsha T ,Prof. Aiswarya I P, Prof. Anusha A V published a journal entitled “ Survey of AI-Powered Network Threat Detection: Techniques, Trends, and Challenges in Botnet and SSH-based Attacks” in International Journal of Trendy Research in Engineering and Technology Volume 9 Issue 6 December 2025 ISSN No. 2582-0958 on 06 October 2025

NPTEL CERTIFICATION COURSE



Prof. Renetha J B completed PTEL-AICTE Certification FDP on Database Management System during July - September 2025



Prof. Dhanya L, Completed NPTEL Certification Course on Introduction to Operating Systems July-September 2025

Sharon Biju of S7AH won the Runner Up title for All Kerala Monsoon Premier League Season1.

Rahul B M, P Nisa, Adithya Baiju, Anugrah Eugune, Karthikeyan A V, Pranav Madhav P S of S3AH got selected for National Level Smart India Hackathon from Internal Hackathon conducted by college.

Abhinav Earnest of S3AH has secured Silver medal in 3000mtr Men under 20 in 69th Trivandrum district Athletic Championship2025 held at Chandrashekhnan Nair Stadium and selected to participate in Kerala State Junior Athletics Championship

RESOURCE PERSON

Dr.Anusha B handled a session on “Fuzzy Intelligent Hybrid System for Smart Application” conducted by Sathyabama Institute of Science and Technology Chennai held from 4th to 14th August 2025 through online.

COMMUNITY SERVICE

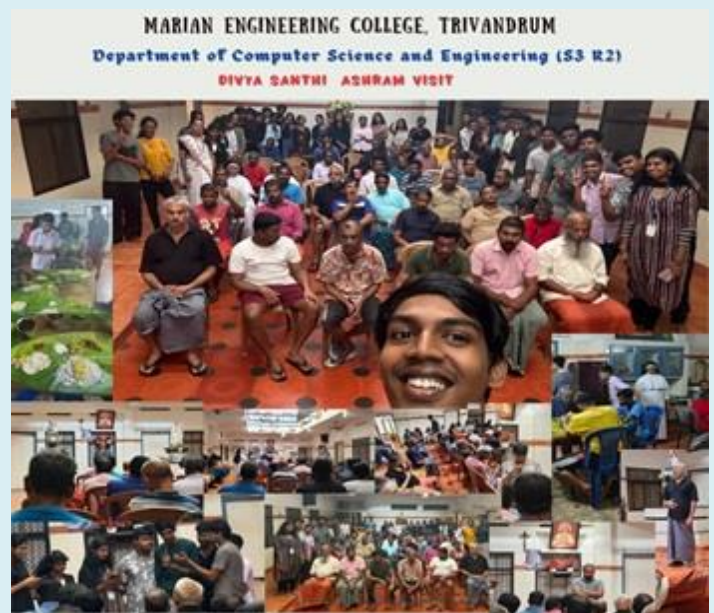
STUDENT ACHIEVEMENTS



Maithreyi PS of S3 R1 has secured 3 Gold and 1 Silver in 10 meter Air Pistol in 4th Trivandrum District shooting Championship and qualified for Kerala State Shooting Championship at Kasaragod.

Abhijith Jayakumar, Abhinandh S S, Athulya R, Sanjay K, V Anandhapadmanabhan of S7AH got selected for the Business Development Executive positions at LAUNCHED.

Abhijith Jayakumar, Abhinandh S S, Athulya R, Sanjay K, V Anandhapadmanabhan and Sudheshh Krishna S P of S7AH got selected by Glow Logics Solutions



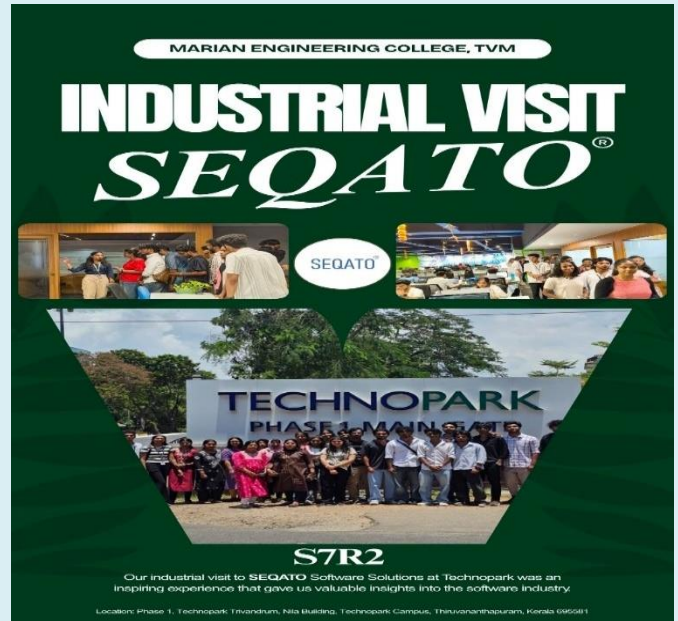
As part of community activity, S3 R2 visited Divya Santhi Ashram vettucaud in TVM



Students of S7R1 organized a mini-industrial visit to Talrop, Kochi



Students of S5 R1 organized a mini-industrial visit to IISER, Trivandrum.



Students of S7R2 organized a mini-industrial visit to SEQATO, Trivandrum.

SEMINARS CONDUCTED



The seminar was inaugurated by **Sri N. Vinaya Kumaran Nair**, Retired Assistant Commandant, Kerala Police & Cyber Consultant, who served as the **Chief Guest** and delivered an insightful **Inaugural Address**, emphasizing the increasing importance of cybersecurity in today's digitally connected world. A total of **48 students** from the departments of **AH, CSE, EC, and ES** actively participated in the seminar. As part of the academic engagement, **four teams** presented research papers on various topics related to cybersecurity, showcasing innovative solutions and critical analyses relevant to social and financial sectors.

ASSOCIATION ACTIVITIES



On 26th July 2025 MACS '25 marked the official launch of Marian Association of Computer Science.



The Marian Association of Computer Science (MACS) organized a fun-filled and innovative event “Pitch It Loud” on 26th July 2025.

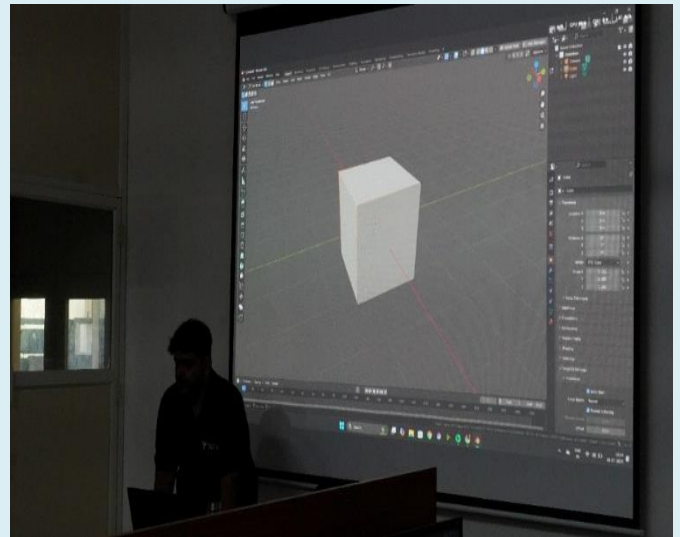
FDP ATTENDED

Dr. Shreelekshmi R completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Next-Gen AI Training: FDP on Models, Methods and Machine at Rajiv Gandhi Institute Of Technology, Kottayam from 18/08/2025 to 23/08/2025.

Prof.Aswathy G S attended Faculty Development Program on Next-Gen AI Training: FDP On Models, Methods and Machines at Rajiv Gandhi Institute of Technology, Kottayam from 18/08/2025 to 23/08/2025.

Prof.Aswathy P V has participated in the Online Certificate Program in Deep Learning using PyTorch (30 Hours), organized and conducted by International Centre for Free and Open Source Solutions (ICFOSS), held from 4-08-2025 to 23-08-2025.

µLearn Activities



The 4-day immersive sprint "Blending Within – Let's 3D This!", organized by µLearn MCE in collaboration with Inspira Marian IEDC and Tilt Labs, began on 28th July 2025.



The **Launchpad Orientation program** was conducted from 28th to 31st July 2025 exclusively for Semester 5 and Semester 7 students of Marian Engineering College, organized by µLearn MCE. Launchpad, Kerala's first skill-first hiring platform, focuses on connecting job-ready students with companies that value skills, consistency, and proof-of-work over marks or CGPA.



The μLearn Orientation Program was conducted from 16th to 19th September 2025 for first-year students of Marian Engineering College, led by μLearn MCE members. The Discord 101 session was conducted on 25th September 2025 for students of Marian Engineering College, led by μLearn MCE members.

INAUGURATION OF MARIAN AI ASSOCIATION – ASTRA



The Department of Artificial Intelligence at Marian Engineering College proudly inaugurated its student association, *ASTRA*, on the 5th of August 2025.



The association aims to foster interest, innovation, and collaboration in the field of Artificial Intelligence, offering a platform for students to learn, explore, and contribute to the latest advancements in AI.

The event was honoured by the presence of Mr. Varghese Cherian, Head of Technology Services at UST Global, who served as the Chief Guest and delivered the keynote address.

LOGO LAUNCH OF ASTRA – AI SOCIETY FOR TECHNOLOGY RESEARCH AND ADVANCEMENT

The Logo Launch Ceremony of *ASTRA – AI Society for Technology Research and Advancement*, held at the Elective Classroom, was a memorable and inspiring event. The unveiling of the logo gave the society a strong visual identity and reinforced the spirit of unity and progress among the students of the department. The Department of Artificial Intelligence and Machine Learning extends heartfelt gratitude to **Prof. Ashwathy A. L., Prof. Diana**, faculty members, student coordinators, and volunteers for their valuable contributions. The event concluded on a highly positive note, setting the foundation for

ASTRA to lead future initiatives in technology, research, and innovation

ASTRA (AI Society for Technology Research and Advancement) is the official student association of the Department of Artificial Intelligence and

Machine Learning, Marian Engineering College. The society aims to promote learning, creativity, and research in Artificial Intelligence by organizing seminars, workshops, hackathons, and collaborative projects. ASTRA provides a platform for students to explore real-world applications of AI and develop innovative solutions through teamwork, research, and experimentation.

UNLOCKING INNOVATION BY MARIAN AI ASSOCIATION



The Marian AI Association organized an expert session on 26 July 2025, featuring Ms. Indu Govind, Manager – IP & Technology Transfer at the Innovation Centre, AICTE Regional Office,



Thiruvananthapuram.

Ms. Indu Govind is a distinguished professional with extensive experience in fostering innovation,

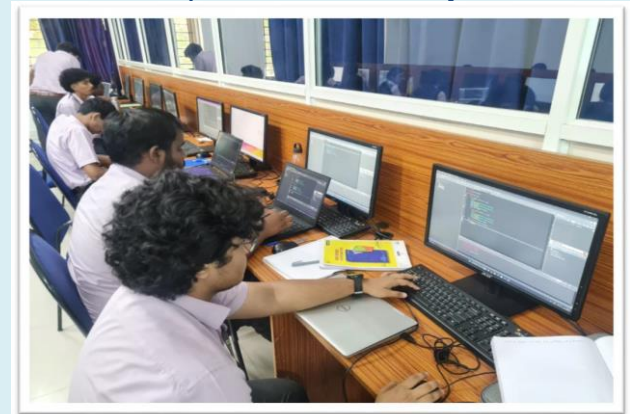
facilitating patent filing, and enabling effective technology transfer from academia to industry. With over seven years of expertise in technology transfer, she has played a significant role in bridging the gap between research and industry by identifying promising technologies, negotiating licensing agreements, and managing intellectual property portfolios..

The event concluded with a formal vote of thanks, expressing sincere gratitude to Ms. Indu Govind for sharing her expertise and inspiring the Marian AI community to engage more actively in innovation and technology transfer initiatives

JAVA WORKSHOP ORGANIZED BY ASTRA – AI SOCIETY FOR TECHNOLOGY RESEARCH AND ADVANCEMENT

The Department of Artificial Intelligence and Machine Learning, under its official association **ASTRA – AI Society for Technology Research and Advancement**, organized a **hands-on workshop on Java Programming**. The workshop aimed to strengthen students’ programming fundamentals and enhance their ability to design efficient solutions using Java — one of the most widely used languages in software development and artificial intelligence applications. The primary objective of the workshop was to provide students with a comprehensive understanding of Java programming concepts, including syntax, object-oriented programming (OOP) principles, and practical implementation techniques. The session also aimed to bridge the gap between theoretical knowledge and real-world application, enabling students to apply their learning effectively in academic and professional contexts.

The workshop was conducted by **Ms. Reneetha**

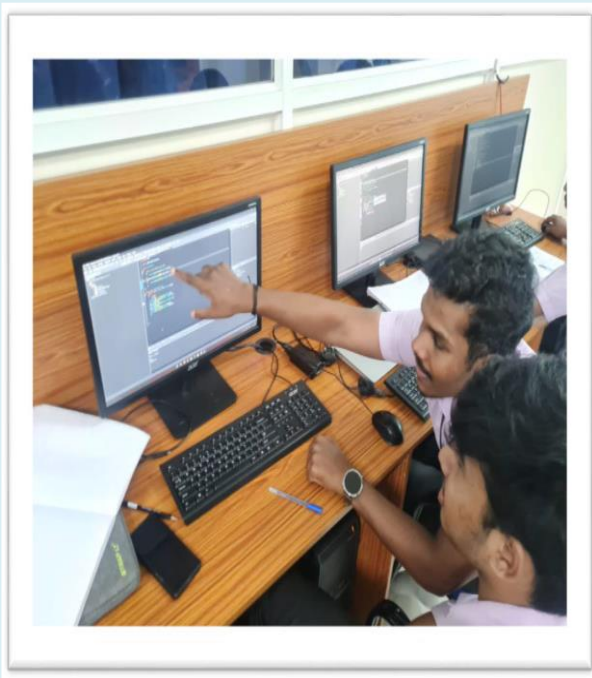


J.B., an experienced faculty member known for her

expertise in Java programming and software development. Her engaging and practical teaching style helped participants grasp both foundational and advanced Java concepts with clarity and confidence.

OPEN ROUTER HANDS-ON WORKSHOP ORGANIZED BY ASTRA

The Marian AI Association ASTRA, under the



Department of Artificial Intelligence and Machine Learning, Marian Engineering College, organized a one-day *Open Router Hands-on Workshop* to enhance students’ technical knowledge and provide practical exposure to the applications of Artificial Intelligence in real-world scenarios. The workshop aimed to equip participants with the essential skills to effectively utilize Open Router for developing AI-driven projects and tools

The *Open Router Hands-on Workshop* organized by the Marian AI Association was a resounding success. It provided an excellent platform for students to develop their technical proficiency and gain practical exposure to industry-relevant tools. The workshop fulfilled its objectives by promoting experiential learning and encouraging peer-led knowledge sharing.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

WELCOME (NEW FACULTIES)



Ms A.G Devu (Asst.Prof, EEE)



Ms. Deena Paul (Asst.Prof, EEE)

FDP ATTENDED

Ms.Valsa Basil, Assistant Professor, EEE attended 5 days FDP on “Electrical Engineering And Beyond: Research Prospects” held from 7/7/2025 to 11/7/2025, organized by Department of Electrical and Electronics Engineering, Bishop Jerome Institute

Ms.Swathy Soman, Assistant Professor, EEE attended 5 days FDP on “Electrical Engineering And Beyond: Research Prospects” held from 7/7/2025 to 11/7/2025, organized by Department of Electrical and Electronics Engineering, Bishop Jerome Institute.

Ms.Swathy Soman, Assistant Professor, EEE attended 5 days FDP on “Artificial Intelligence (AI) and Machine Learning (ML) in Engineering” held from 16/9/2025 to 20/9/2025, organized by Department of Electrical and Electronics Engineering, Sree Narayana Institute of Technology (SNIT).

Ms.Rinu Joe B S, Assistant Professor, EEE attended 5 days FDP on “Electrical Engineering And Beyond: Research Prospects” held from 7/7/2025 to 11/7/2025, organized by Department of Electrical and Electronics Engineering, Bishop Jerome Institute.

IEEE ASSOCIATION (VIDYUTH 2025-2026) Inauguration

The Department of Electrical and Electronics Engineering hosted the VIDYUTH 2025-26 Association Inauguration on 28th July 2025 at 11:00 AM in the EEE Seminar Hall. The ceremony was

inaugurated by Dr. Bindu G. R, Vice Chair of the IEEE Education Society, Kerala Chapter, and Former Principal of GEC Thrissur, who delivered an inspiring and insightful address. The event underscored the department’s enduring pursuit of academic excellence, innovation, and professional growth. Active participation from faculty, students, and guests contributed to the event’s distinguished success.

VIDYUTH (2025-2026) ACTIVITIES

The Department of Electrical and Electronics Engineering, in association with IEEE PES organized a problem-solving contest titled ‘CURRENTSCAPE’ for S3 and S5 EEE Students on 26/07/2025 at EEE Seminar Hall.



**DEPARTMENT OF CIVIL ENGINEERING
FACULTY ACHIEVEMENTS**



Dr Rani.V., Head of Department participated in International seminar on “New frontiers on physical modelling of Geotechnical Infrastructure structures” as part of 8th Prof T.S Ramanatha Ayyar lecture TSR lecture 2025 organised by Department of Civil engineering, MBCET in association with

IGS Thiruvanthapuram chapter and TC 104 ISSGME on 19th September 2025

Dr Rani V., Head of Department delivered a talk in All India seminar on “**Designing Disaster Resilient structures -Lessons for the future**” organised by Institution of Engineers ,India ,Kerala State centre in association with St. Thomas Institute of Science and Technology, Thiruvananthapuram on 23rd Sept 2025

Dr Rani V., Head of Department awarded as dedicated BIM industry service provider proudly recognized by BIMLABS Global for its outstanding contribution to BIM education, skill-driven training, and industry collaboration, shaping the next generation of construction and infrastructure professionals

Prof. Aswathy Sasikumar, Assistant Professor participated online 5 day FDP on “Innovations in civil engineering: Integrating Geospatial technologies, structural monitoring, AI and sustainability” organized by Department of Civil Engineering from 16th to 20th June 2025 at Jyothi Engineering college, Thrissur.

Prof. Sanobiya B S, Assistant Professor participated online 5 day FDP on “Innovations in civil engineering: Integrating Geospatial technologies, structural monitoring, AI and sustainability” organized by Department of Civil Engineering from 16th to 20th June 2025 at Jyothi Engineering college, Thrissur.

DEPARTMENT ASSOCIATION PROGRAMS

- The Department of Civil Engineering at Marian Engineering College proudly inaugurated its activities for the academic year 2025–26 on **26th July 2025**, with Mr. M.A. Mohamed Ansari, Chief Engineer, Harbour Engineering Department, as the distinguished guest. The event also marked the inauguration of five professional bodies and clubs – Institution of Engineers (India), American Society of Civil Engineers, Indian Geotechnical Society, Ametos Civil Engineering Association, and Bhoomitra Sena Club.
- The Department of Civil Engineering, Marian Engineering College, organized an engaging

session on “**Pathways to Tomorrow: Innovate, Adapt and Lead as a Civil Engineer**” on **26th July 2025**. The session, led by **Er. Sajin Salim**, Chartered Engineer and Principal Consultant at VBuild Homes, offered aspiring civil engineers valuable insights into innovation, adaptability, and leadership in shaping the future of engineering.

- As part of the Civil Engineering Department’s academic activities for 2025–26, Marian Engineering College organized a series of technical sessions on **26th July 2025** at the CE Seminar Hall. Mr. Renjith Peter, Business Development Manager at Matter Lab, delivered a session on “**Exposure to International Construction Quality Control Practices and Forensic Investigation Methodologies**” (10:30 AM to 12:15 PM). This was followed by an insightful session from Mr. Nandagopan, Special Testing Engineer at Matter Lab, on “**Forensic Investigation of Concrete Structures and Structural Rehabilitation**” (1:00 PM to 2:00 PM). Both sessions provided students with real-world insights into advanced quality control measures and forensic engineering techniques, emphasizing that quality is never an accident but the result of intelligent effort.

College organized an Industrial Visit for S5 students on September 27, 2025. The visit to Nirmithi Kendra, TVM and Credence Developers provided students with practical exposure to sustainable construction methods, real-time site practices, and project management.



- The IGS Student Chapter of Marian Engineering College successfully organized a Crossword Puzzle Competition on September 23, 2025, fostering analytical thinking and technical knowledge among Civil Engineering students, with Neha Alin (S5) securing First Prize, and Soorya Lekshmi A S (S5) and Dhvan B (S5) sharing Second Place



- The IGS, IEI, ASCE Student chapters of Civil Engineering Department, Marian Engineering

- As part of the Engineer’s Day celebrations on 15th September 2025, the Department of Civil Engineering, Marian Engineering College, in association with AMETOS, organized an

exciting and intellectually engaging event – **Mental Math Riddle Competition**. The event encouraged students to apply logical reasoning and quick thinking to solve math-based riddles. The session, held at 12:30 PM, witnessed enthusiastic participation and vibrant energy from the students. **Kripa P** and **Adwaid T Pillai** from **S7 Civil Engineering** emerged as the *First Prize Winners*.

- The Civil Engineering Association – AMETOS conducted an expert session on “Scope & Application of GIS in Civil Engineering” on 1st August 2025 at the CE Seminar Hall. Mr. Vijay V, Business Development Manager & HR Head at AGSRT, delivered an engaging talk that provided S3, S5, and S7 students with valuable insights into the modern applications of GIS in civil engineering.
- Final year Civil Engineering students, under the Civil Engineering Association – AMETOS, visited UltraTech Cement Ltd. (RMC Division), Anayara and Geonyms India Pvt. Ltd., Thonnakkal on 10th September 2025. The visit provided hands-on exposure to concrete technology, quality control, and plant management, enriching students’ practical understanding of civil engineering applications.
- As a part of “International day for the conservation of Mangrove forest ecosystem” members of Bhoomitrasena club of MEC organised a visit to Bohemian Mangrove forest, Paravoor on 2nd August 2025.

STUDENT ACHIEVEMENTS

The project “**Geometrical Investigation on J Shaped Oscillating Water Column Wave Energy Converter Integrated with Floating Breakwater**” by **Advitiy Srivastava, Devika Praveena Saji, Noora Thasneem N. S., and Sanjana A. J.**, under the guidance of **Revathy V. S.**, secured the **First Prize** along with a **cash award of ₹5000** in the paper presentation at the **Energy Transition Conclave 2025**. The event was organized by the **IEEE Power & Energy**

Society (PES) Kerala Chapter in collaboration with **InSDES & KSEBOA**. This recognition highlights the team’s innovative contribution towards sustainable energy solutions.



The project “**Geometrical Investigation on J-Shaped Oscillating Water Column Wave Energy Converter Integrated with Floating Breakwater**” by **Advitiy Srivastava, Devika Praveena Saji, Noora Thasneem N. S., and Sanjana A. J.**, under the guidance of **Revathy V. S.**, presented their research paper at the **7th International Conference on Ocean Engineering (ICOE-2025)** held at **IIT Madras**, showcasing their innovative work on advancing ocean and coastal engineering solution.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION/COMPUTER ENGINEERING

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 chief guest in his inaugural address highlighted the interdisciplinary nature of Biomedical Engineering field. Principal Dr. Abdul Nizar M presided over the inauguration.

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.



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.

ELECTRONICS ASSOCIATION ACTIVITIES



INAUGURATION OF ELECTRONICS ASSOCIATION 2025



The Department of Electronics organized the Inauguration of the Electronics and Communication Association 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.



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

DEPARTMENT ACHIEVEMENTS

The ceremony began with anchoring by Aditi. P. Nair and Adita .P. Nair, followed by a prayer and a welcome address by Anees Fithan MA. The event was graced by Mr. Tony Joseph and Mr. Jeffery Scott Boeker as chief guests, along with dignitaries including Dr.Abdul Nizar(Principal), Ms. Vinitha B Elza, Dr. M Manoj, Dr.Samson A(Dean), Ms. Minnu Jayan, Ms. Preetha S L, Anees Fithan MA and Karthik K.



The Principal’s inaugural speech highlighted the importance of active student participation and academic excellence. Dr.Samson A encouraged

students to engage in extracurricular activities and emphasized the growing relevance of electronics in the modern world. Ms. Vinitha B Elza and Dr. M Manoj addressed the audience, discussing the expanding scope of IT and semiconductor industries and the diverse opportunities they offer.

Mr. Tony Joseph introduced μ Learn, inspiring students to embrace self-learning and stay informed about technological advancements. The Lighting of the Lamp ceremony marked the formal launch of the association’s activities. The chief guest’s address focused on the semiconductor industry, fabrication processes, EUV, plasma etching, and ion implantation, followed by an engaging Q&A session on industry skills and experience.

The event also included a Prize Distribution Ceremony for National Space Day, the presentation of a memento to the chief guest, and the launch of the Electronics Association website. Shreyas S Krishna presented the Annual Activity Report, unveiled the Action Plan 2025-2026, and shared the roadmap for 2025– 2026. The event concluded with a Vote of Thanks by Janaki, expressing gratitude to all participants and dignitaries.

GATE AWARENESS SESSION



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. Each batch underwent a two-day training session, where the first day focused on introducing the fundamentals of IoT and familiarizing students with the ESP32 microcontroller, while the second day was dedicated to developing AI-based IoT projects that enhanced their understanding, problem-solving abilities, and innovative thinking.

Both batches greatly benefited from Mr. Adhith’s expert guidance and interactive approach, gaining valuable knowledge and practical experience in implementing AI -driven IoT applications. His ability to clearly explain concepts and provide individual attention helped participants strengthen their technical foundation and explore creative solutions with confidence. Through his dedication and hands-on mentorship, students from both batches were able to successfully bridge the gap between theory and real-world application, making the workshop a truly impactful.

CODE CRAFT CHALLENGE

CodeCraft Challenge 3.0 – Build. Code. Win.

The CodeCraft Challenge returned this year with even more innovation and excitement, hosted by 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.

Some Moments from the event



FDP PARTICIPATIONS

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.

WINNERS



🏆 FIRST PLACE: PLUGGEDIN



🏆 SECOND PLACE: SILVERCIRCUITRY

With enthusiastic participation, collaborative teamwork, and inspiring ideas, the competition showcased the spirit of young engineers determined to build solutions that matter. True to its motto — “Let’s Code, Let’s Craft, Let’s CodeCraft!” — the event turned into a vibrant celebration of innovation and learning.

CONFERENCE

Paper title: IoT-Driven Automatic Pump Activation And Leak Detection System,

Authors: Mary Ealeesha Rainald, Nandana S Chandran, T S Midhun, M Akshay, V G Sreena

Conference :2025 8th International Conference on Circuit, Power & Computing Technologies (ICCPCT)

Published in IEEE xplore (Scopus indexed)

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ACHIEVEMENTS

PAPER PRESENTATION

- Dr Sonia S Raj, Assistant Professor, Department of Mechanical Engineering has presented the paper titled” Energy Efficient UAV Navigation: A Bio-Mimetic Approach for Dense Urban Skies” at the 16th International Symposium on Experimental & Computational Aerothermodynamics of internal Flows(ISAIF16), the International Conference organized by Institute of Thermodynamics of the Czech Academy of Sciences, Prague,Czech Republic September 15th to 19th 2025.

PUBLICATIONS

- Dr Sonia S Raj, Assistant Professor, Department of Mechanical Engineering has published a Book Chapter entitled “Introduction of Fibre Reinforced Polymers-Polymers and Composites for Aeronautical and Aerospace Applications” in the Book “Nanomaterials for Defense, Aeronautical and Aerospace Applications, Advanced Structured Materials vol.236” published by Springer, Cham, ISBN: 978-3-031-92722-5 in August 2025.

- **Dr. Amjith L R**, Assistant Professor, Department of Mechanical Engineering, has published a journal paper titled” Comprehensive analysis of tubular combustion chambers in Turbo-Ramjet engines for enhanced hypersonic propulsion “in FirePhyChem 5(2025),289-301

TECHNICAL SESSIONS BY FACULTY

- **Dr. Amjith L R**, Assistant Professor, Department of Mechanical Engineering, has actively participated in **CONFLUENCE 2.0 – The Largest Industry-Academia Summit**, held on **September 27, 2025**, organized by **Rajagiri School of Engineering & Technology (Autonomous), Kochi, Kerala.**
- **Dr. Arun Kumar V**, Associate Professor, Department of Mechanical Engineering presented a technical Talk on “FORTRAN as a competent tool in Fluid dynamics problems” on 12th July 2025 at Trivandrum's "JetBrains" chapter.
- **Dr. Arun Kumar V**, Associate Professor, Department of Mechanical Engineering conducted a technical session in a webinar on “Open-Source Software: Practical Ideas for Protecting Your Intellectual Property” at Trivandrum's "JetBrains" chapter. - 26th July 2025.
- **Dr. Arun Kumar V**, Associate Professor, Department of Mechanical Engineering conducted a technical session on “Molecular Dynamics Fundamentals, LAMMPS, VMD Tutorial”, for PG students, Amrita Vishwa Vidyapeetham (Amrita University), Amritapuri, Kollam, July 2025.

➤ **Dr. Arun Kumar V**, Associate Professor, Department of Mechanical Engineering presented a Technical Talk in a webinar on “An Introduction to AI tools in Fluid Dynamics” organised by CII Trivandrum chapter. - 9th Aug 2025.

➤ **Dr. Arun Kumar V**, Associate Professor, Department of Mechanical Engineering presented an Expert Lecture for PG students on “Molecular Dynamics for Nano fluids and Heat Transfer “at Amrita Vishwa Vidyapeetham (Amrita University), Amritapuri, Kollam, Sep 2024.

STUDENT ACHIEVEMENT



Monish S of S3 ME has secured gold medal in Kerala State classic powerlifting championship at 93 kg sub junior category in kozhikode on 26th July 2025.

ASSOCIATION ACTIVITIES
MAGMA INAUGURATION_2025-26





The Department of Mechanical Engineering of Marian Engineering College organized the Inauguration of the Marian Association of Growing Mechanical Aspirants (MAGMA) on 15th July 2025 at 11:00 AM in the Seminar Hall, SH Block. The inaugural address was delivered by Er. Sudeep Peter Culas, Chief Engineer, Merchant Navy, Wilhelmsen Ship Management Company, who served as the chief guest of the event. In his keynote address, he shared valuable insights from his professional journey in the marine engineering field and inspired students to pursue careers that combine technical expertise with global opportunities.

TECHNICAL TALK – “FUTURE CONCEPT OF AUTOMOBILE INDUSTRY”

The Career Guidance & Placement Unit (CGPU) of Marian Engineering College, in association with the Department of Mechanical Engineering (MAGMA), organized an expert talk on the topic “Future Concept of Automobile Industry” on 11th July 2025 at 10:00 AM in the Mechanical Engineering Seminar Hall.

The resource person for the session was Mr. S. M. Krishnanununni Marar, Senior Service Advisor, Marikar Nissan, who shared his valuable insights into the evolving trends and future directions of the automobile sector. Mr. Krishnanununni discussed key topics such as the shift towards electric and hybrid vehicles, autonomous driving technologies, connected vehicle ecosystems, and sustainable

manufacturing practices. He also emphasized the emerging opportunities for mechanical engineers in the rapidly transforming automotive industry, particularly in areas of design innovation, diagnostics, and service technology.

TECHNICAL TALK ON "INNOVATE, PROTECT, PROFIT: A MECHANICAL ENGINEER'S GUIDE TO IPR & PATENTS"

The Department of Mechanical Engineering, in association with IEDC and MAGMA, organized an



enlightening technical talk on "Innovate, Protect, Profit: A Mechanical Engineer's Guide to IPR & Patents" on July 17, 2025.

The session featured Dr. Sonia S Raj, IEDC Women Nodal Officer, and Prof. Maneesh T, a Research Scholar from CET. They provided a comprehensive overview of Intellectual Property Rights and demystified the patent filing process, empowering attendees with the knowledge to protect their innovative engineering designs and inventions.



ALUMNI INTERACTION

The Career Guidance & Placement Unit and the Mechanical Engineering Department, in association with the Marian Association of Growing Mechanical Aspirants (MAGMA), successfully organized an Alumni Interaction session featuring Mr. Binoy Abraham, a Marketing Engineer at Krohne Marshall on 14th August 2025.

The session provided students with valuable insights into the dynamic role of a Marketing Engineer, a career path that effectively combines technical knowledge with business and communication skills. Mr. Abraham shared his professional journey and emphasized the importance of soft skills for a successful engineering career.

An engaging Q&A session allowed students to clarify their doubts about non-core career opportunities. The event, facilitated by Staff Coordinator Prof. Rahul R S, was well-received and provided significant career guidance to the aspiring engineers.

HANDS-ON WORKSHOP ON MODERN MECHANICAL ENGINEERING TOOLS & PRACTICES

The Automotive Club of the Department of Mechanical Engineering, ISTE student Chapter at Marian Engineering College in Association with MAGMA successfully organized a comprehensive 30-hour Hands-on Workshop focused on modern mechanical engineering tools and practices. The event, held on September 9, 2025, featured an interactive session with alumni from Team CAVALLO, providing students with practical exposure and industry insights. The workshop aimed to bridge the gap between theoretical knowledge and real-world applications.

A 30-hour Hands-on Workshop on Modern Mechanical Engineering Tools & Practices was conducted, limited to 25 participants. The event included an interactive session with alumni from Team CAVALLO, featuring:

- **Dr. Manu Mohan (HEX20 Labs India)**
- **Er. Akhil M L (TCS)**
- **Er. Krishnanunni K (Qbust)**

- **Er. Akshay Balan (UST)**

The alumni shared industry insights and practical guidance. The workshop provided valuable experimental sessions, enhancing students' technical skills and industry readiness.



TECHNICAL SESSION: NON-DESTRUCTIVE TESTING (NDT) IN THE OIL & GAS INDUSTRY

The Department of Mechanical Engineering at Marian Engineering College organized a one-day technical session on “Non-Destructive Testing (NDT) in the Oil & Gas Industry.” The event was aimed at providing students with comprehensive insights into various NDT techniques, their applications in industrial sectors, and their significance in ensuring operational safety and reliability.



കഴക്കൂട്ടം മരിയൻ എൻജിനീയറിംഗ് കോളജിലെ പുതിയ ബിടെക് ബാച്ചിന്റെ പ്രവേശനോദ്ഘാടനം തിരുവനന്തപുരം കളക്ടർ അനുകൂമാരി നിർവഹിക്കുന്നു. തിരുവനന്തപുരം മെട്രോപൊളിറ്റൻ ആർച്ച്ബിഷപ്പ് ഡോ. തോമസ് ജെ നെറ്റോ സമീപം.

മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ പ്രവേശനോദ്ഘാടനം

തിരുവനന്തപുരം: കഴക്കൂട്ടം മരിയൻ എൻജിനീയറിംഗ് കോളജിലെ പുതിയ ബിടെക് ബാച്ചിന്റെ പ്രവേശനോദ്ഘാടനം തിരുവനന്തപുരം കളക്ടർ അനുകൂമാരി നിർവഹിച്ചു. തിരുവനന്തപുരം മെട്രോപൊളിറ്റൻ ആർച്ച്ബിഷപ്പ് ഡോ. തോമസ് ജെ. നെറ്റോ അധ്യക്ഷത വഹിച്ച ചടങ്ങിൽ കോളജ് മാനേജർ ഫാ. എ.ആർ. ജോൺ സ്വാഗതം ആശംസിച്ചു. കോളേജ് പ്രിൻസിപ്പൽ ഡോ. എം. അബ്ദുൾ നിസാർ, ഡീൻ ഡോ. എ. സാംസൺ എന്നിവർ അറുന്നൂറോളം കുട്ടികളെയും അവരുടെ രക്ഷകർത്താക്കളെയും അഭിസംബോധന ചെയ്തു. കോളജ് ബർസാർ ഫാ. ജിം കാർവിൻ റോച്ച് നന്ദി പ്രകാശിപ്പിച്ചു. കഴിഞ്ഞ വർഷം മികവ് തെളിയിച്ച വിദ്യാർഥികളെ ചടങ്ങിൽ ആദരിച്ചു.



മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ ആരംഭിച്ച സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിംഗ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം ഫിഷറിസ് മന്ത്രി സജി ചെറിയാൻ നിർവഹിക്കുന്നു. ആർച്ച് ബിഷപ്പ് ഡോ.തോമസ് ജെ. നെറ്റോ സമീപം.

മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ കോസ്റ്റൽ എൻജിനീയറിംഗ് സെന്റർ ആരംഭിച്ചു

കഴക്കൂട്ടം: തീരദേശ വികസനത്തിൽ പങ്കാളിത്തം ഉറപ്പാക്കുക എന്ന ലക്ഷ്യത്തോടെ മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ ആരംഭിച്ച സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിംഗ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം ഫിഷറിസ് മന്ത്രി സജി ചെറിയാൻ നിർവഹിച്ചു. തിരുവനന്തപുരം ലത്തീൻ അതിരൂപത ആർച്ച് ബിഷപ്പ് ഡോ. തോമസ് ജെ. നെറ്റോ അധ്യക്ഷനായിരുന്നു. കോളജ് മാനേജർ റവ.ഡോ.എ.ആർ.ജോൺ, ഫാ.ജിം കാർവിൻ റോച്ച്, ഡോ.എ.സാംസൺ, ഡോ. എം.അബ്ദുൾ നിസാർ, ഡോ. കെ.ബേബി പോൾ , ആർ. പി. അഭിജിത്ത് എന്നിവർ സന്നിഹിതരായിരുന്നു.

മലയാള മനോരമ



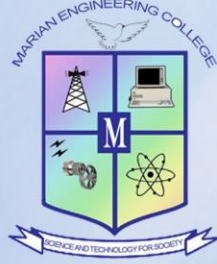
ഈ വാർത്ത കേൾക്കാം

തിരുവനന്തപുരം: മരിയൻ ഇലക്ട്രോണിക്സ് അസോസിയേഷന്റെ ഉദ്ഘാടനം ടെക്നോപാർക്കിലെ കൈസെമി കൺട്രോൾ സിസ്റ്റംസ് പ്രൈവറ്റ് ലിമിറ്റഡ് മാനേജിംഗ് ഡയറക്ടർ ജെഫ്റി സ്കോട്ട് ബോയ്റ്റ്കർ നിർവഹിച്ചു. മരിയൻ എൻജിനീയറിംഗ് കോളേജ് പ്രിൻസിപ്പൽ ഡോ.അബ്ദുൾ നിസാർ, എം.ഡീൻ ഡോ. സാംസൺ, എ.വിവിധ വിഭാഗങ്ങളിലെ മേധാവിമാരായ ഡോ.എം.മനോജ് (ഇലക്ട്രോണിക്സ് ആൻഡ് കമ്പ്യൂട്ടർ), പ്രൊഫ.വിനിത ബി.എൽസ (ഇലക്ട്രോണിക്സ് ആൻഡ് കമ്മ്യൂണിക്കേഷൻ), ടോണി ജോസഫ് (കെന്നഡീസ് ഐ.ക്യു) എന്നിവർ ചടങ്ങിൽ സംസാരിച്ചു. അസോസിയേഷൻ കോഓർഡിനേറ്റർമാരായ പ്രൊഫ.മിന്നു ജയൻ.സി, പ്രൊഫ.പ്രീത എസ്.എൽ, ചെയർമാന്മാരായ കാർത്തിക് കുമാർ, അനീസ് ഫിതാൻ എം.എ.എന്നിവർ നേതൃത്വം നൽകി.

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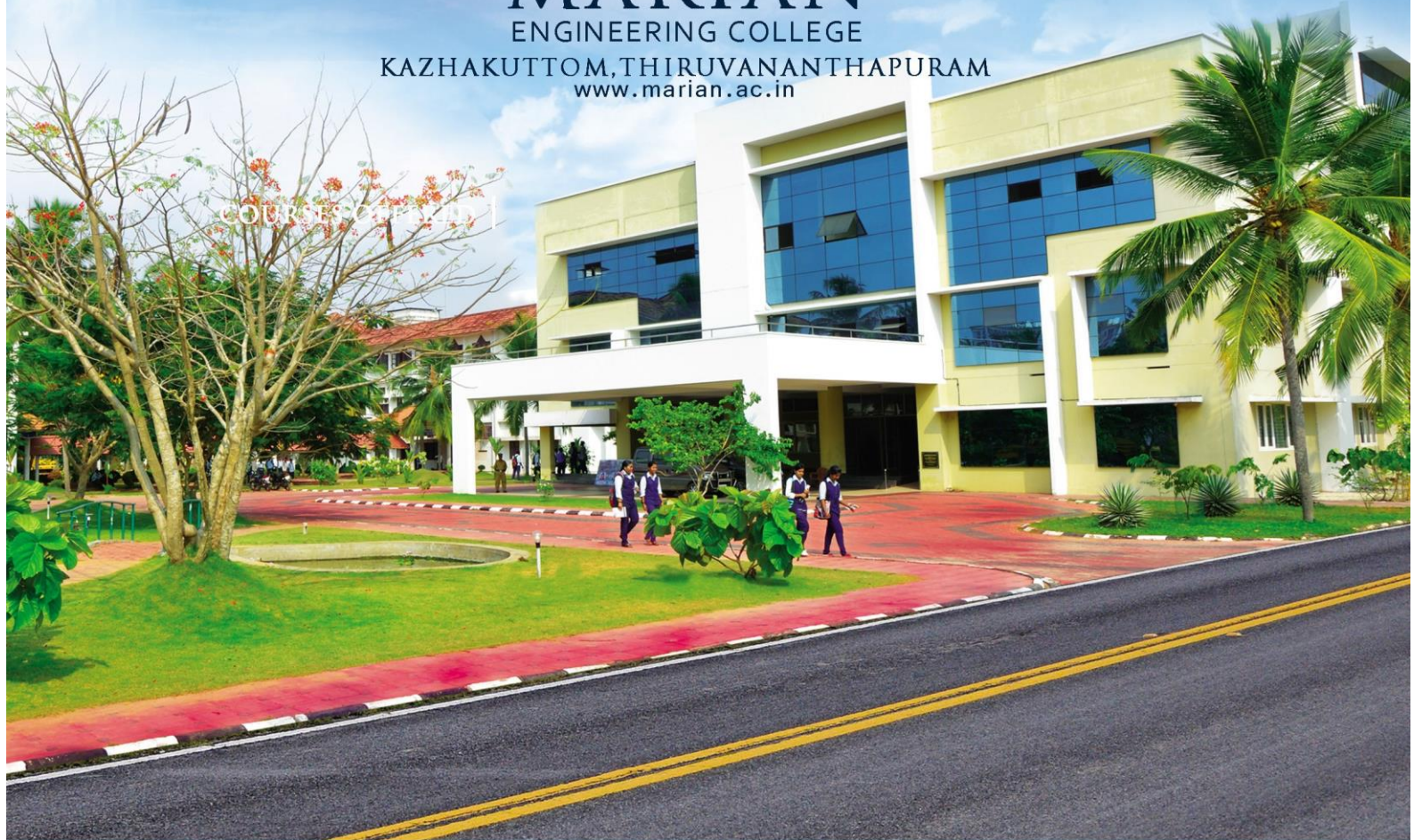
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