

# MARIAN MOMENTS

Newsletter of Marian Engineering College, Kazhakuttom



Engg. College Code  
**MCE**

Vol 13 | Issue 2

July 2025

## 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

## INAUGURATION OF CENTRE FOR COASTAL ENGINEERING AND MANAGEMENT



# Incredible MARIAN !!



**1<sup>st</sup>**  
Among Self-Financing Colleges  
in South Kerala  
in B.Tech 2025 Results

**250+**  
**PLACEMENTS**







INAUGURATION OF READER'S CORNER IN ASSOCIATION WITH MALAYALA MANORAMA

## MESSAGE FROM THE MANAGER



It is with great joy and gratitude that I pen this message for our quarterly newsletter. Each passing term brings renewed energy, fresh achievements, and a deeper sense of responsibility as we move forward together as a community.

In this spirit of responsibility, we are proud to align ourselves with one of the most visionary initiatives of the Government of Kerala—the Net Zero Carbon Initiative. This mission, which aims to achieve carbon neutrality across the state, calls for the active participation of institutions like ours. Marian Engineering College has taken conscious steps in this direction through energy conservation measures, the use of renewable resources, and student-led environmental activities that promote sustainability on and beyond the campus. These efforts reflect our belief that engineering education must respond to the challenges of our times.

Adding to our sense of pride is the recent 2021-25 batch results of KTU, our institution has secured the No. 1 position among self-financing engineering colleges in South Kerala. This remarkable achievement is the result of the hard work, dedication, and unity of purpose among our students, faculty, and staff. I thank each one of you for your continued commitment and excellence.

A word of appreciation also goes to the new editorial team for their vibrant and thoughtful presentation of this edition. I sincerely acknowledge the outstanding work done by the previous editorial team, whose efforts have paved the way for this smooth and creative transition.

Let us continue to move forward with hope, dedication, and a shared vision for a brighter, greener future.

Best regards,  
*John*

Rev. Dr. A.R. John  
Manager

Artificial Intelligence (AI) is redefining the future of education, bringing with it both remarkable opportunities and critical challenges. At Marian Engineering College, we recognize the transformative power of AI in enhancing teaching methods, personalizing learning experiences, and equipping students with skills for an evolving digital economy.

Yet, this technological shift is not without its concerns. One of the most pressing challenges is the potential threat to academic integrity through AI-generated content and misuse in assessments. In addition, over-dependence on AI tools can hinder the development of deep thinking and human interaction. Issues like data privacy, algorithmic bias, and the marginalization of those without access to digital resources must be addressed proactively.

As we embrace AI in education, our responsibility is to strike a balance between innovation and ethical vigilance. Our focus remains on building an environment where technology supports, but never replaces, the role of the teacher—and where students are empowered not just as users of AI, but as responsible creators and thinkers in the age of intelligence.



Best regards,

*Dr. Abdul Nizar M*  
Dr. Abdul Nizar M  
Principal



## INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) MEC CHAPTER

### ➤ 3 Day Workshop on '3D Modelling'

ISTE Chapter, Marian Engineering College Conducted a 3 Day Workshop on '3D Modelling' for school students of Classes 9, 10 & 11 from 5th to 7th May, 2025. The initiative was part of the institution's outreach programme to promote technical education and provide early exposure to emerging technological fields. The workshop aimed to introduce students to the concepts and applications of 3D modelling, a crucial skill in modern engineering, architecture, game design, and product development. The sessions were carefully curated to ensure a balance of theory and practical hands-on training, using user-friendly modelling software suitable for beginners - SOLIDWORKS.

Under the mentorship of the Resource Person Prof. Maneesh T, Researcher at College of Engg: Trivandrum and other faculty volunteers from Marian Engineering College, participants learned the basics of 3D geometry, object manipulation, rendering techniques, and model exporting. Each day featured interactive modules and creative challenges that encouraged students to apply their learning in real-time. Students actively participated in hands-on sessions, gaining exposure to industry-relevant tools and techniques.



### ➤ TWO-DAY FDP on "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



*Inauguration of FDP by Dr. Abdul Nizar. M, Principal, MEC*

**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 a two-day schedule.



N Das, Head - Knowledge Office, ICTAcademy of Kerala. 15 participants participated in this FDP.

### ➤ INDUSTRIAL VISIT :



Faculty Visit to Koodamkulam Nuclear Power Plant on 26th April, 2025 organized by ISTE, MEC.



### ➤ TWO-DAY FDP on “INTEGRATING AI IN EDUCATION: INNOVATIVE TOOLS FOR TEACHING AND LEARNING”



### INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL (IEDC)

### ➤ HANDS-ON IOT WORKSHOP FOR PLUS TWO STUDENTS



ISTE Chapter of Marian Engineering College organized a 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



IoT Unplugged: Build, Code, Connect" was a hands-on IoT workshop organized from 2nd to 20th June 2025 at

Bishop Pereira Hall, Marian Engineering College, by Inspira Marian IEDC in collaboration with the Electronics Association. The event aimed to spark innovation and technical application among students in the field of the Internet of Things. The inaugural session featured dignitaries including Dr.

M Manoj, Rev. Fr. Dr. A R John, and **Smt. Merin Joseph IPS**, who emphasized the role of technology, collaboration, and social responsibility. With active participation, expert sessions, and strong institutional support, the event offered an engaging platform for students to build, code, and connect in the evolving tech space.

### ➤ **FORGE- A TWO-DAY RESIDENTIAL CLUSTER MEET AT MARIAN CAMPUS**



FORGE, a two-day residential cluster meet held on 13th & 14th June 2025 at Marian Engineering College, Trivandrum,

was organized by Inspira Marian IEDC in association with Kerala Startup Mission (KSUM). The event brought together IEDC cluster leads and selected core committee members from across Kerala to foster collaboration and strengthen leadership within the innovation ecosystem. It focused on drafting a 10-year strategic plan for IEDC, addressing challenges faced in previous years, and formulating effective solutions. Expert-led sessions by **Ashok Kurian Panjikkaran, Bergin S Russel, and Dr. Lekshmi Jaganaathan** guided participants through action planning, vision-building, and peer learning. With dynamic discussions and networking opportunities, FORGE created a vibrant platform for shaping the future of IEDC across the state.

### ➤ **EDEN 4.0- A 24 HOUR HACKATHON**

Eden 4.0, a 24-hour hackathon held on 27th and 28th June, kicked off with a formal inauguration in the presence of the Inspira Marian IEDC team, faculty, and dignitaries including Rev. Fr. Dr. A R John and Dr. Abdul Nizar. Following a prayer, Dr. M Manoj delivered the welcome address and briefed participants on the rules and structure of the hackathon. Students then received their problem statements and began the challenge. Around 50



teams registered, and 25 were shortlisted based on their portfolios and GitHub profiles. The event

witnessed a spirited and competitive environment as students from various colleges came together to innovate and solve real-world problems.

### ➤ **TETHERUP**

TetherUp, an innovative startup founded by Electronics and Communication Engineering students, is proudly incubated under Marian IEDC. Focused on creating cutting-edge, socially impactful tech solutions, TetherUp has made significant strides by developing functional prototypes, validating business models, and engaging with industry experts. With strong mentorship, resources, and networking support from Marian IEDC, the startup has grown into a dynamic venture. Reflecting the vibrant entrepreneurial culture at Marian IEDC, TetherUp's recent selection as one of the top 20 startups stands as a testament to its commitment to technological innovation and societal betterment.

## **IEEE – STUDENT CHAPTER ACTIVITIES**

### ➤ **WIE (WOMEN IN ENGINEERING) DAY**

IEEE WIE SB Marian Engineering College celebrated *International Women in Engineering Day* with an online talk on 23rd June 2025. Alumna Ananya Carolin G, now Associate Software Engineer at H&R Block, shared her journey from student to tech professional, emphasizing proactiveness, listening, and learning. She highlighted her AI-powered wheelchair project and addressed student concerns on skills, placements, and industry readiness. The session ended with an



engaging Q&A, inspiring attendees toward engineering careers.

### ➤ RESEARCH AFTER B.TECH

On 23rd June 2024, as part of *Career Xplore*, IEEE CSS SBC NITC, in collaboration with IEEE SB MCE and CEA, hosted a session on research pathways after B.Tech. Dr. Anil Kottantharayil, Associate Professor at IIT Bombay, discussed GATE preparation, IIT M.Tech programs, research careers, and opportunities abroad. Students gained insights into higher studies, research applications, and career planning, sparking interest in research-oriented paths.

### NSS ACTIVITIES

#### ➤ RC MEET –COMPETITION AT UKF COLLEGE.

On June 14, at the RC Meet competition organized by UKF, volunteers Gourindan(2023-2027) and Ajsal(2022-2026) were recognized for their excellence in creativity and active participation. 9 volunteers attended the ceremony. Gourindan secured 1st position in the Reel Making event, while Ajsal achieved 1st position in Spot Photography.



#### ➤ BLOOD CELL MEET

On 30<sup>th</sup> June, Blood Cell Meet was organized to discuss and promote effective strategies for blood donation and awareness. Two of our unit's volunteers, Gautham and Adrija, participated in the meet, representing our college. Their involvement reflected our unit's active engagement in broader NSS initiatives and helped them gain valuable insights to support future blood donation efforts.

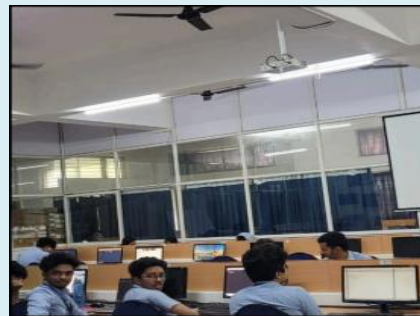
### ➤ VOLUNTEER SECRETARIES (VS) MEET



On 30<sup>th</sup> June, NSS Volunteer Secretaries (VS) meet for the districts of Thiruvananthapuram, Kollam, and Pathanamthitta was conducted to foster collaboration and leadership among NSS units. Two of our Volunteer Secretaries, Stini and Siva, actively participated in the event, representing our college and contributing to discussions and planning sessions.

### CAREER GUIDANCE AND PLACEMENT UNIT – ACTIVITIES

#### ➤ 5 DAY TRAINING PROGRAM ON CODING BY CGP CAREER AVENUES



CGP Career Avenues (Run by Edzumo Pvt. Ltd.) is led by a team of alumni from IIT and NIT, guided by experienced HR

professionals from renowned companies. They offer a high-quality coaching program covering various competitive exams, Olympiads, and hackathons, enabling students to establish a fixed price tag on their skills that can lead to lucrative career opportunities even before they graduate.

The coding training session program scope covers fundamental programming concepts, data structures, and algorithms, providing a solid foundation for engineering students. Through hands-on coding exercises and participants will gain practical experience and develop problem-solving skills in a chosen programming language.



The 5-day coding session conducted by CGP Career Avenues, organized by the Placement

Club, was a resounding success. The training session equipped students with essential coding skills, problem-solving strategies, and industry insights, empowering them to excel in the tech-driven world and enhancing their career prospects.

### ➤ INDUSTRY ACADEMIA CONNECT- PLACEMENT OFFICERS MEET AT EY



The Industry Academia Connect” event, specifically a placement officers meeting was held at EY-GDS on 16<sup>th</sup> June, 2025 involving Marian Engineering College. The meeting likely focused on strengthening the

connection between the college and EY-GDS, potentially for student placements or other industry-academia collaborations. This meeting was likely part of an industry- academia connect initiative aimed at fostering stronger relationships between corporations and educational institutions. These collaborations are crucial for bridging the gap between academic learning and corporate expectations, particularly in areas like skill development and placement.

### FACULTY ACHIEVEMENTS



**Dr. Aswathy S U (Prof.,AH)** was granted a design patent for an innovative “Automated Bitter Gourd Harvesting Device (DESIGN NO: 444956-001).



**Dr. Shreelekshmi R (HOD-CSE)** has been recognized for her valuable contribution to academic research and peer review. She was awarded a Certificate of Reviewing by Elsevier for her expert evaluation of a manuscript submitted to the prestigious journal Expert Systems with Applications in June 2025 and she was also awarded reviewer certificate for the prestigious journal Pattern Recognition, published by Elsevier in May 2025.

**Dr. Shreelekshmi R** Supervised Ph.D. student Ms. Linju Lawrence on “Leveraging Blockchain for Ensured Video Integrity,” culminating in the successful completion of her open defense on 23rd April 2025.

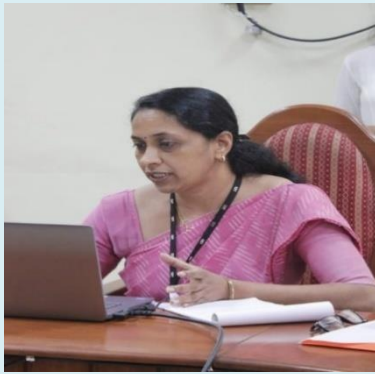
**Dr. Shreelekshmi R & Dr. Sheeja Augustin (Associate Professor, CSE)**, was honoured with a Certificate of Appreciation at the prestigious 6th IEEE International Conference on Control, Communication and Computing (ICCC 2025), organized by the College of Engineering Trivandrum from May 23 to 25, 2025.both of them served as the Technical Session Chair, contributing significantly to the smooth conduct and academic rigor of the sessions.



**Dr. Anusha B (AP,CSE)** received a best paper award for the paper titled Context-based approach for multi-captioning object annotation

with inference knowledge using Hidden Markov model in 6th IEEE International Conference on control, communication and Computing (ICCC 2025) organized by College of Engineering Trivandrum held during May 23-25, 2025.





**Dr. Reshmy D. S** was awarded **DOCTOR OF PHILOSOPHY** under the faculty of Civil Engineering from College of Engineering Trivandrum in “Analysis of the impact of traffic congestion on Urban air quality” and the department of civil Engineering feels proud on her achievement.

## WELCOME (NEW FACULTIES)



DR. SINDHU CHANDRA



DR. NEETHI A S



MS. ROJITHA ABDULLA



PROF. DIPHONSA UVANS



PROF. VIJAYA LEKSHMI



PROF. ARUN BETTY



MS. VEENA RAMACHANDRAN



MS. KARTHIKA SURENDRAN



MS. DIANA WALTZ

## STUDENT ACHIEVEMENTS

Aravind KS, Alwin Janson and Joshua Louis Fernandaz (2023-2027 CSE) won Second prize in BIZCOMP 1.0, Business plan competition held by Marian Business School under the guidance of Ms. Neethu Akkarapatty



## STUDENT ACHIEVEMENTS

- Afsal Shaji S3R3 Got second prize in college level hackathon (Quick Code) conducted by IEDC CSE on 11-03-2025
- Sharon Biju, Gobind Gopakumar and Siva Prasad of S6AH won the KTU A Zone CUP title.
- Sharon Biju, of S6AH participated in All Kerala Monsoon Premier League at Kannur & Kerala Cricket Premier League.
- R Laya Biju, of S6AH participated in GenAI powered data analytics job simulation on 15th June 2025 and Software engineering job simulation on 21st July 2025.
- Athulya R, of S6 AH, attended a 3 week online course on AI tools conducted by Association of Computing Machinery and participated in a 2 day UI/UX workshop on Retechnoox technologies .
- Anlin A, Anupama Sreekumar, Navami U Jasmin of S2AH won Second place in the Student design challenge contest held by the Electronics & Engineering department on 08/04/2025.



Congratulations to the M.Tech Toppers of Civil Engineering Department for scoring SGPA of 10 for their fourth semester examination.

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

## INTERNSHIP

- Arathy B S, Arun Raj B, Rizwana Nasreen E S and Abhishek A of S6AH completed their internship in Association of Computing Machinery from 4th June - 20th June
- Badhari B Nair, of S6AH completed an internship in Data Science: Ediglobe.
- Rishika Swapna Nair, Sredha Selvam periera, Nandhana Sunil & Sana M of S6R1 completed an



AWS internship by ICT Academy from 2-06-2025 to 12-06-2025.

- Amina Fayaz of S6R1 worked as a student intern at ICFOSS from 21st May 2025 to 26th June 2025 in the mobile application development domain.
- Roshan.S & Tharun Srijit Das of S6R1 completed their internship in Flutter at Retechnox Technologies LLP from 23-06-2025 to 27-06-2025.

### FDP ATTENDED

- Dr.Sheela Agustin has attended the FDP on “Introduction to Artificial Intelligence and Data Science” organized by college of Engineering in Trivandrum from 25-06-2025 to 27-06-2025.
- Prof. Aswathy G S has successfully participated in two-day faculty development program on 'Integrating AI in education: innovative tools for teaching and learning'organised by ISTE chapter of Marian Engineering College on 29th and 30th of may 2025.
- Prof. Binsi P , Prof. Aswathy G S participated in the Five-Day Online Faculty Development Programme on ‘Exploring AI Applications through MATLAB: From Image Processing to Generative AI’ Conducted by the Department of Artificial Intelligence and Data Science of Jyothi Engineering college in association with CoreEL Technologies, Bangalore and MathWorks from 19-05-2025 to 23-05-2025.
- Prof. Aswathy G & Prof.Revathi B R completed the FDP on Gen AI for Software Product Development organized jointly by Human Resources Development Centre of KTU & NeST Digital Academy held from 3/06/2025 to 5/06/2025
- Prof. Binsi P participated in the Five-Day Online Faculty Development Programme on “Empowering Innovation: Mastering R Programming and AI Development Strategies”, conducted by the Department of Computer Science and Engineering of Jyothi Engineering College, from 02-06-2025 to 06-06-2025.
- Prof. Revathi B R completed the FDP on Microsoft Power BI organized jointly by Human Resources Development Centre of KTU & NeST Digital Academy held from 9/06/2025 to 11/06/2025 and she also participated in the 5-Days Faculty Development Programme on “THE IMPACT OF CYBER SECURITY AND ETHICAL

HACKING APPLICATIONS “held during 09 to 13 June, 2025, organized by Department of Computer Science And Engineering, St. Thomas College of Engineering & Technology, Kozhuvallur, Chengannur, Alappuzha.

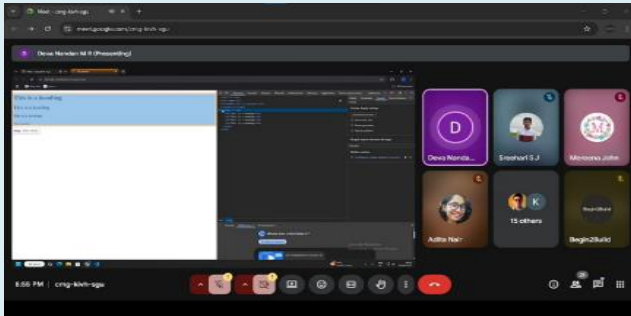
- Prof. Dhanya L participated in "ONLINE TECHNOLOGY TALK SERIES” FDP/Short Term Training Program) organized by Department Of Computer Science & Engineering, Bishop Jerome Institute on June 2 - 7 , 2025.
- Dr. Aswathy S U, attended one week FDP on 'Recent Advancements in Artificial Intelligence & Machine Learning from 30th June- 4th July, organized by St.Joseph's College of Engineering.
- Prof.Aswathy T K, attended 5 days FDP on 'The Impact of Cyber Security and Ethical Hacking Applications' from 9th -13th June, organized by St. Thomas college of Engineering and Technology.
- Prof. Aswathy T K, Prof.Nisha Soman & Prof. Aswathy A L attended 2 days FDP on “Integrating Artificial Intelligence in Education:Innovation tools for teaching & learning' from 29th-30th May organized by ISTE chapter Marian Engineering College.
- Prof. Veena Ramachandran L, attended One week FDP on “Machine Learning for Computer Vision and Image Processing” from 12th - 18th May organized by NIIT Patna.
- Prof. Diana Walts, attended one week FDP on Online IT Workshop organized by International Centre for Free and OpenSource Solutions(ICFOSS).

### µLearn Activities





➤ GrindFest event, held from March 24 to March 26, 2025, was a three-day event organized by  $\mu$ Learn MCE and led by the Interest Group (IG) Leads of  $\mu$ Learn.



➤ Begin2Build was a highly successful 14-day online web development bootcamp organized by  $\mu$ Learn MCE, held from June 6 to June 23, 2025.

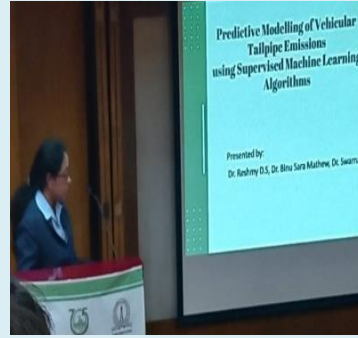


➤ EDEN 4.0, a 24-hour state-level hackathon organized by Inspira Marian IEDC, was held on the 27th and 28th of June 2025 at Marian Engineering College, Kazhakuttom. The event brought together passionate student innovators from across Kerala for an intense coding competition

## DEPARTMENT OF CIVIL ENGINEERING PUBLICATIONS/ PAPER PRESENTED

➤ Prof. Greeshma T, published a paper on the topic “improvement of piping resistance of sand using coir fibre” in International journal of creative research thoughts” on June 2025

Dr. Reshmy, D.S., presented a paper on Predictive Modeling of Vehicular Tailpipe Emissions Using Supervised Machine Learning Algorithms at 1st World Symposium on Sustainable Transport & Livability held at IISC Bangalore



Dr.Rani V presented a paper on “Sustainable practices – Coastal erosion control measures in Trivandrum district” at Institution of Engineers on June 2025



➤ Prof. Deepthi Dennison presented a paper on “A comprehensive study on the prospects of graphene in water desalination” at Institution of Engineers on June 2025

➤ Dr.Rani V published a paper on the topic “Predicting Coastal erosion rates at Menamkulam Beach using Artificial intelligence technique” in International journal of creative research thoughts” on May 2025.

➤ Dr.Rani V published a paper on the topic “Experimental Analysis of the erosion degree in the menamkulam coastal region” in International journal of creative research thoughts” on May 2025.

## FDP ATTENDED

➤ Dr. Rani V. attended FDP on “Optimizing AI tools for in Teaching and Learning” organized by ISTE chapter of Marian Engineering College on 8<sup>th</sup> and 9<sup>th</sup> of May 2025

➤ Prof. Revathy V S attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized



by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Greeshma T attended FDP on “Optimizing AI tools for in Teaching and Learning” organized by ISTE chapter of Marian Engineering College on 8<sup>th</sup> and 9<sup>th</sup> of May 2025.

➤ Prof. Deepthi Dennison attended FDP on “Optimizing AI tools for in Teaching and Learning” organized by ISTE chapter of Marian Engineering College on 8<sup>th</sup> and 9<sup>th</sup> of May 2025.

➤ Prof. Tara Leander attended FDP on “Optimizing AI tools for in Teaching and Learning” organized by ISTE chapter of Marian Engineering College on 8<sup>th</sup> and 9<sup>th</sup> of May 2025

➤ Dr. Reshmy D S attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Greeshma T attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Magi N.S. attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Deepthi Dennison attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Aswathi Sasikumar attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Sanobiya B S attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Karuna P attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by

Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Asha Davood Z attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

➤ Prof. Tara Leander attended FDP on “Creating Conducive and Engaging Classroom Environment for Learning and Teaching” organized by Department of science and Humanities, CVR College of Engineering from 7th to 12th April 2025

## IPA STUDENT CHAPTER ACTIVITY



Association in collaboration with Marian Engineering College."

On June 6th, a sapling planting event was held as part of World Environment Day celebrations, organized by the Indian Plumbing

## STUDENTS ACHIEVEMENTS



Advitiy Srivastava , Devika Praveena Saji , Noora Thasneem N S, and Sanjana A J, Final year CE students guided by Prof.

Revathy V S has MTIC Award for best project at Department of Civil Engineering, Marian Engineering College School” by CEO of BIMSLAB Sri Shiju Sasidharan, Technical Director, Sri Adarsh and General Manager Sri Mahesh to S8CE students on 10<sup>th</sup> March 2025.



Hamras Ahammed ,Adarsh P Kiran Dev Noyal San Varghese & Prof Karuna P presented a paper “ Smart solid waste management system: A paradigm shift enabled by Artificial Intelligence” at Institution of Engineers on May 2025



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### PAPER PUBLICATION

Abhinav Rajesh, Aarathi V, Vaishakh V S and Dr Vijayalekshmi S published a paper “Low Powered Short Range Radar System with Pan Tilt Scanning Capabilities” IEEE Conference CONECCT 2025 organised by IEEE Bangalore Section.

### PAPER PRESENTATION



Abhinav Rajesh presented paper titled “Low Powered Short Range Radar System with Pan Tilt Scanning Capabilities” at the IEEE

International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT), scheduled from July 10-13,2025, and organized by the IEEE Bangalore Section at Sterlings Mac Hotel, Bengaluru.

### FDP ATTENDED

➤ Dr Vijayalekshmy S (Prof., EEE) attended 3 days FDP on “Introduction to Artificial Intelligence and Data Science from 25<sup>th</sup> to 27th June, 2025 organized by Department of Computer Science and Engineering, College of Engineering Trivandrum.

➤ Dr Vijayalekshmy S (Prof., EEE) attended 2 days FDP on “Leveraging AI for Teaching and

Research” from 8<sup>th</sup> to 9<sup>th</sup> May , 2025 organized by ISTE MEC Chapter.

➤ Ms. Rinu Joe B S, Assistant Professor, EEE attended 5 days FDP on “Modern Control Systems- Techniques and Analysis” held during 17th to 21th June , 2025, organized by Department of Electrical and Electronics Engineering, St. Thomas College of Engineering and Technology, Kozhuvallur, Chengannur , Alappuzha.

➤ Ms. Valsa Basil, Assistant Professor, EEE attended 5 days FDP on “Modern Control Systems- Techniques and Analysis” held during 17th to 21th June , 2025, organized by Department of Electrical and Electronics Engineering, St. Thomas College of Engineering and Technology, Kozhuvallur, Chengannur , Alappuzha.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & ELECTRONICS AND COMPUTER ENGINEERING

### WELCOME (NEW FACULTIES)



**N.M. HEMA DEVI**

**Former Assistant Professor, CSE at Andhra Loyola Institute of Engineering and Technology.**



**SREELAKSHMI A.**

**Former Assistant Professor, CSE at John Cox Memorial CSI Institute of Technology**

## DEPARTMENT ACTIVITIES



## IETE STUDENTS FORUM (ISF)

On 3<sup>rd</sup> April, 2025 the first ISF activity “ The Journey Begins with the First Step”, was taken by Ms. Ananya Carolene G, Associate Software Engineer, H & R Block for the ISF

members



## 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

## IOT WORKSHOP

The Department of Electronics, under the guidance of Dr. M. Manoj organized a 14 day Hands-on Workshop “Iot Unplugged: Build , Code ,Connect”, from 2<sup>nd</sup> 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 20<sup>th</sup> June, 2025 by Dr. Arul R. B. Krishna IPS, Superintendent of Police, Kerala Railways where he distributed certificates and prizes for the workshop participants.



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



A trip to the Cape Comorin by faculty of Electronics Department on 18<sup>th</sup> June, 2025



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



**IEEE-EMBS meeting held on 25<sup>th</sup> March, at IEEE TVM Office, Ms.**

Dhanya Mathew (AP,ECE) and Ms. Ann Mathew (AP,ECE) are the department coordinators for the EMBS Society under the guidance of Dr. Shanthi K.J (Professor, ECE)

## 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 “ Artificial Intelligence and Data –Science-Hands on orientation” organized by TKM Institute of Technology, from 23<sup>rd</sup> to 27<sup>th</sup> 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 7<sup>th</sup> to 11<sup>th</sup> 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 2<sup>nd</sup> to 6<sup>th</sup> June, 2025.

### 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 7<sup>th</sup> to 9<sup>th</sup> 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

### DEPARTMENT OF MECHANICAL ENGINEERING



In celebration of World Environment Day 2025, the Department of Mechanical Engineering at Marian Engineering College, Trivandrum, organized a One Day Workshop on Paper Bag Making. This

initiative was undertaken by MAGMA (Marian Association of Growing Mechanical Aspirants) in collaboration with the Sustainable Products and Practices Unit, aiming to promote sustainable practices and environmental awareness among students and faculty

### PATENT

Dr. Amjith L R (Assistant Professor, ME Department) got design patent on “Tridant Strut Fuel Injector for Scramjet Engine”.

Patent No :434410-001

Date of Grant:15/10/2024





മരിയൻ എൻജിനീയറിങ് കോളജിൽ സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിങ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം. മന്ത്രി സജി ചെറിയാൻ നിർവഹിക്കുന്നു.

മരിയൻ എൻജിനീയറിങ് കോളജിൽ കോസ്റ്റൽ എൻജിനീയറിങ് സെന്റർ

കഴക്കൂട്ടം: തീരദേശ വികസനത്തിൽ പങ്കാളിത്തം ഉറപ്പാക്കുക എന്ന ലക്ഷ്യത്തോടെ മരിയൻ എൻജിനീയറിങ് കോളജിൽ ആരംഭിച്ച സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിങ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം മന്ത്രി സജി ചെറിയാൻ നിർവഹിച്ചു. തിരുവനന്തപുരം ലത്തീൻ അതിരൂപത ആർച്ച് ബിഷപ്പ് റവ: ഡോ. തോമസ് ജെ.നെറ്റോ അധ്യക്ഷനായിരുന്നു.

കോളജ് മാനേജർ റവ: ഡോ. എ.ആർ.ജോൺ, ഫാ.ജിം കാർവിൻ റോച്ച്, ഡോ.എ.സാറസൺ, ഡോ.എം.അബ്ദുൽ നിസാർ, ഡോ.കെ.ബേബി പോൾ, ആർ.പി.അഭിജിത്ത് എന്നിവർ പ്രസംഗിച്ചു. തീരദേശ സംരക്ഷണം വളരെ പ്രാധാന്യം അർഹിക്കുന്ന സമയത്ത്, കോളജിന്റെ പുതിയ സംരംഭത്തിന് മന്ത്രി അഭിനന്ദനം അറിയിച്ചു.

06/07/2025 | Thiruvananthapuram | Page : 13  
Source : <https://epaper.manoramaonline.com/>

ദേശാഭിമാനി  
Thu, 19 April 2025

ലഹരികെതിരെ ബോധവൽക്കരണ ക്യാമ്പയിൻ



മരിയൻ എൻജിനീയറിങ് കോളജിൽ ആരംഭിച്ച സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിങ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം. മന്ത്രി സജി ചെറിയാൻ നിർവഹിക്കുന്നു.



മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ ആരംഭിച്ച സെന്റർ ഫോർ കോസ്റ്റൽ എൻജിനീയറിങ് ആൻഡ് മാനേജ്മെന്റിന്റെ ഉദ്ഘാടനം. മന്ത്രി സജി ചെറിയാൻ നിർവഹിക്കുന്നു.

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 ഫിഷറീസ് മന്ത്രി സജി ചെറിയാൻ നിർവഹിച്ചു. തിരുവനന്തപുരം ലത്തീൻ അതിരൂപത ആർച്ച് ബിഷപ്പ് റവ: ഡോ. തോമസ് ജെ.നെറ്റോ അധ്യക്ഷനായിരുന്നു. കോളജ് മാനേജർ റവ: ഡോ. എ.ആർ.ജോൺ, ഫാ.ജിം കാർവിൻ റോച്ച്, ഡോ.എ.സാറസൺ, ഡോ.എം.അബ്ദുൽ നിസാർ, ഡോ.കെ.ബേബി പോൾ, ആർ.പി.അഭിജിത്ത് എന്നിവർ സന്നിഹിതരായിരുന്നു.



മരിയൻ എൻജിനീയറിംഗ് കോളജ് മലയാള മനോരമയുടെ സഹകരണത്തോടെ ക്യാമ്പസിൽ നടപ്പാക്കുന്ന 'റീഡേഴ്സ് കോർണർ - വായനയാണു ലഹരി' എന്ന പദ്ധതി മന്ത്രി ജി.ആർ. അനിൽ മനോരമ പ്രസിദ്ധീകരണങ്ങൾ കോളജ് മാനേജർ ഫാ.ഡോ. എ.ആർ. ജോണിനു കൈമാറി ഉദ്ഘാടനം ചെയ്യുന്നു. കോളജ് പി.ആർ.ജി.ആർ.പി.അഭിജിത്ത്, ഡീൻ ഡോ.സാറസൺ, പ്രിൻസിപ്പൽ ഡോ. അബ്ദുൽ നിസാർ, എക്സൈസ് ഡയറക്ടർ കമ്മീഷണർ കെ. ആർ. അജയ് തുടങ്ങിയവർ സമീപം.

മരിയൻ എൻജിനീയറിംഗ് കോളജിൽ റീഡേഴ്സ് കോർണർ

കഴക്കൂട്ടം: മലയാളിയുടെ ജീവിതത്തിന്റെ ഭാഗമാണ് മനോരമ എന്നും ജനങ്ങളെ ഇത്രയേറെ വായനയിലേക്ക് അടുപ്പിച്ചു മറ്റൊരു മാധ്യമം ഇല്ലെന്നും മന്ത്രി ജി.ആർ. അനിൽകുമാർ. കഴക്കൂട്ടം മരിയൻ എൻജിനീയറിംഗ് കോളജ് മലയാള മനോരമയുടെ സഹകരണത്തോടെ കോളജ് ക്യാമ്പസിൽ നടത്തിയ റീഡേഴ്സ് കോർണർ 'വായനയാണ് ലഹരി' എന്ന പരിപാടി ടനം ചെയ്യുകയായിരുന്നു. മന്ത്രി. ഇന്ന് ഏറ്റവും ഗൗരവമുള്ള വിഷയം ലഹരി വസ്തുക്കളുടെ വ്യാപകമായ ഉപയോഗമാണ്. ലഹരികെതിരെ മനോരമയുടെ ഇടപെടൽ അഭിനന്ദനാർഹമാണെന്നും മന്ത്രി അഭിപ്രായപ്പെട്ടു. പത്രങ്ങൾ വായിക്കുന്നത് വിദ്യാർഥികൾ ശീലമാക്കേണ്ടതുണ്ട്. ഇക്കാര്യത്തിൽ സർക്കാരിന്റെ ഇടപെടൽ കുറച്ചുകൂടി ശക്തമാക്കേണ്ടതുണ്ടെന്നും മന്ത്രി അഭിപ്രായപ്പെട്ടു. കോളജ് മാനേജർ ഫാ. ഡോ. എ.ആർ.ജോൺ അധ്യക്ഷത വഹിച്ചു. എക്സൈസ് ഡയറക്ടർ കമ്മീഷണർ കെ.ആർ.അജയ്, ലഹരി വിരുദ്ധ ബോധവൽക്കരണ പ്രഭാഷണം നടത്തി. കോളജ് പ്രിൻസിപ്പൽ ഡോ. അബ്ദുൽ നിസാർ, ഡീൻ ഡോ. സാറസൺ, ബർസാർ ഫാ.ജിം കാർവിൻ, പി.ആർ.ജി.ആർ.പി.അഭിജിത്ത്, മലയാള മനോരമ സർക്കുലേഷൻ ഓഫീസർ ജോഷി ജോൺ മാത്യു തുടങ്ങിയവർ പ്രസംഗിച്ചു.

**ത്രിദിന അന്താരാഷ്ട്ര സിമ്പോസിയം**

കഴക്കൂട്ടം: മരിയൻ എൻജിനീയറിംഗ് കോളജിന്റെ സിവിൽ എൻജിനീയറിംഗ് വിഭാഗത്തിന്റെ മേൽനോട്ടത്തിൽ 'ജിയോടെക്നിക്കൽ എൻജിനീയറിംഗ് മേഖലയിലെ സുസ്ഥിരമായ സമ്പ്രദായങ്ങൾ' വിഷയത്തെ ആസ്പദമാക്കി ത്രിദിന അന്താരാഷ്ട്ര സിമ്പോസിയം നടത്തി. കെ.റെയിൽ എക്സിക്യൂട്ടീവ് ഡയറക്ടർ ജയകുമാർ ഉദ്ഘാടനം ചെയ്തു. പ്രൊഫ. കൃഷ്ണ റെഡ്ഡി, പ്രൊഫ. അനന്ദ് പുപ്പാല, പ്രൊഫ. സി.ജി. പ്രൊഫ. ബാലൻ, പ്രൊഫ. ഉണ്ണികൃഷ്ണൻ, പ്രൊഫ. ജയമോഹൻ എന്നിവർ സംസാരിച്ചു. നാലാം വർഷ ബി.ടെക് വിദ്യാർഥികൾക്കായി ജിയോബിൾഡ് സംഗമവും മത്സരപരിപാടികളും സംഘടിപ്പിച്ചു. ഡോ. റാണി, അസോസിയേറ്റ് പ്രൊഫ. രശ്മി, അസിസ്റ്റന്റ് പ്രൊഫ. രേഖ, കണ്ണൻ, മാഗി എന്നിവർ നേതൃത്വം നൽകി.

വാണിജ്യം



നെറ്റ് സിറോ കാർബൺ ക്യാമ്പസ് എന്ന ലക്ഷ്യത്തിന്റെ ഭാഗമായി കഴക്കൂട്ടം മരിയൻ എഞ്ചിനീയറിംഗിലേക്ക് സർവീസ് ആരംഭിച്ച കെഎസ്ആർടിസി ബസിന്റെ ഫ്ലാഗ് ഓഫ് നിർവ്വഹിച്ച മന്ത്രി റോഷി അഗസ്റ്റിൻ, കോളജ് മാനേജർ ഫാർ ഡോ.എ.ആർ.ജോൺ, ഫാ.ജിം കാർവിൻ റോച്ച്, ഡോ. എ.സാറസൺ, ഡോ. അബ്ദുൽ നിസാർ, ആർ.പി.അഭിജിത്ത് എന്നിവർ ബസിന് മുൻപിൽ.

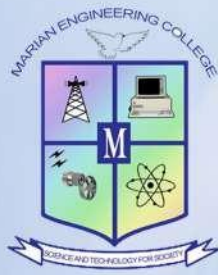


മരിയൻ എഞ്ചിനീയറിംഗിലേക്ക് ആരംഭിച്ച കെഎസ്ആർടിസി സർവീസ് മന്ത്രി റോഷി അഗസ്റ്റിൻ ഫ്ലാഗ് ഓഫ് ചെയ്യുന്നു.

മരിയൻ എഞ്ചിനീയറിംഗിലേക്ക് കെഎസ്ആർടിസി യുടെ ബസ് സർവീസ് ആരംഭിച്ചു

കഴക്കൂട്ടം: നെറ്റ് സിറോ കാർബൺ ക്യാമ്പസ് എന്ന ലക്ഷ്യത്തിന്റെ ഭാഗമായി മരിയൻ എഞ്ചിനീയറിംഗിലേക്ക് കെഎസ്ആർടിസി യുടെ പുതിയ ബസ് സർവീസ് ആരംഭിച്ചു. ജലവിഭവ വകുപ്പ് മന്ത്രി റോഷി അഗസ്റ്റിൻ ഫ്ലാഗ് ഓഫ് ചെയ്തു. ചടങ്ങിൽ മരിയൻ എൻജിനീയറിംഗ് കോളജ് മാനേജർ ഡോ. ഡോ. എ.ആർ. ജോൺ, ഫാ. ജിം കാർവിൻ റോച്ച്, ഡോ. എ. സാറസൺ, ഡോ. അബ്ദുൽ നിസാർ, ആർ.പി. അഭിജിത്ത് എന്നിവർ സന്നിഹിതരായിരുന്നു. യുവതിയെ അപഹരിക്കാൻ ശ്രമിച്ച കേസിൽ യുവാവ് അറസ്റ്റിലായിരുന്നു. കോടതിയിൽ ഹാജരായി. കേസിൽ (26) ആണ് അറസ്റ്റിലായത്. കടന്നു: ധനം വാങ്ങാൻ ശ്രമിച്ചിരുന്നു. ഇട അതിക്രമം.



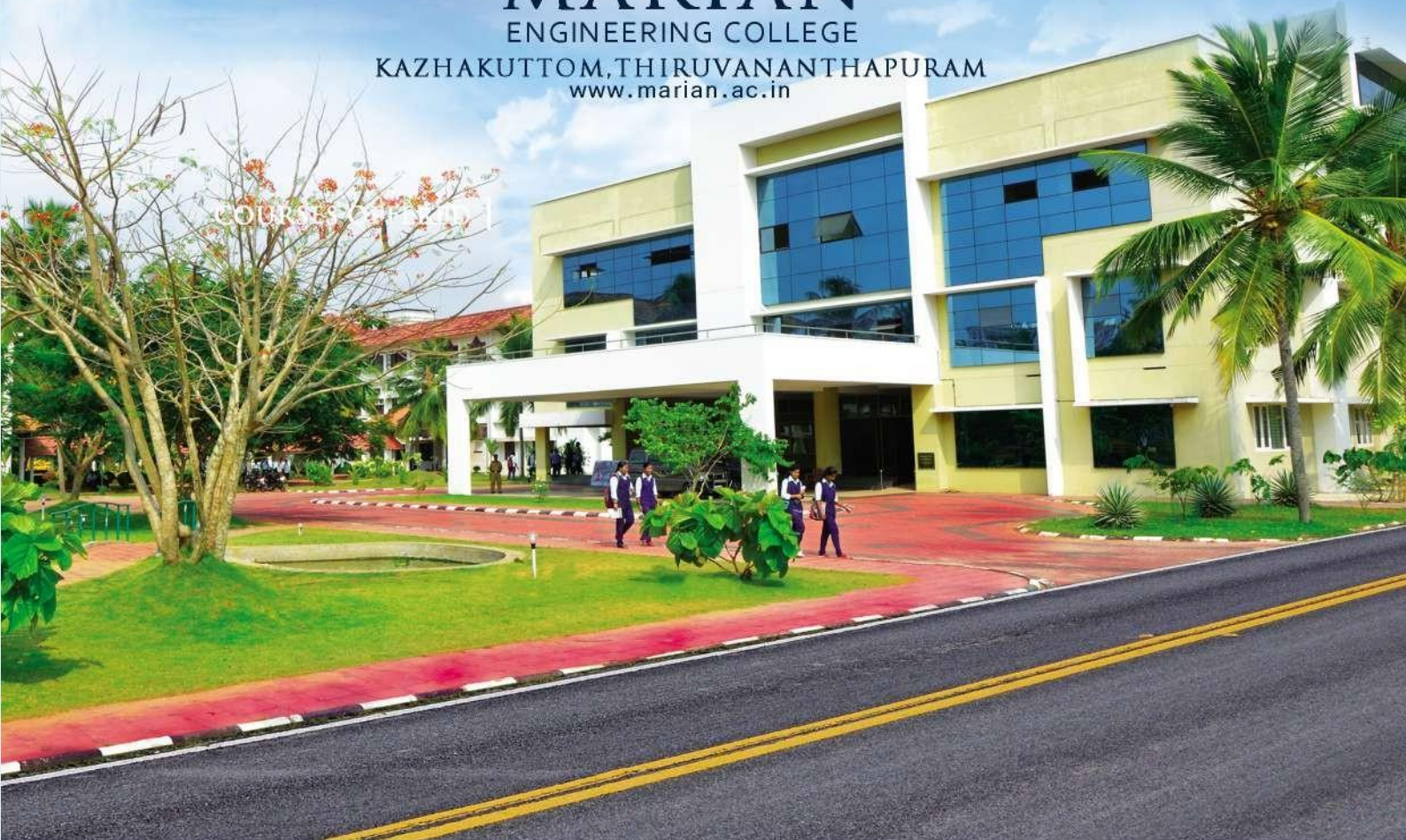


COLLEGE  
CODE **MCE**

FOR ADMISSIONS

9495707111  
9495707222

**MARIAN**  
ENGINEERING COLLEGE  
KAZHAKUTOM, THIRUVANANTHAPURAM  
[www.marian.ac.in](http://www.marian.ac.in)



### B.Tech

Artificial Intelligence & Machine Learning (60 seats)  
Civil Engineering (60 seats)  
Computer Science & Engineering (180 seats)  
Electrical & Electronics Engineering (60 seats)  
Electronics & Communication Engineering (60 seats)  
Electronics & Computer Engineering (60 seats)  
Mechanical Engineering (60 seats)

### M.Tech

Geo Technical Engineering (18 seats)

### MBA

( 60 seats)

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