

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

WELCOME TO THE NEW PRINCIPAL AND BURSAR

PRINCIPAL : Dr. Ajit Prabhu V.



Dr. Ajit Prabhu V. is an outstanding researcher, renowned teacher, educationalist and administrator with over 38 years of experience in research, academics and administration. He served as Director & Principal of St. Thomas College of Engineering and Technology, Chengannur, and as Chief Scientist and Head at KSCSTE, Government of Kerala, for over 20 years. He also has more than 10 years of R&D experience at ISRO's Liquid Propulsion Systems Centre. With 25 years of teaching experience, he has guided 16 PhDs, authored and co-authored several books, holds two patents, and has conducted over 600 IPR awareness programmes. He is the recipient of several honours, including the Children's Literature Award for Science (2018) and the Life Time Achievement Award (2023) from Tumkur University and also Two Good Service Entries (in 2007 & 2010) from KSCSTE/Govt. of Kerala.

BURSAR : Fr. Sibin George



Fr. Sibin George is a diocesan priest in the Latin Archdiocese of Trivandrum, Kerala and joined as Bursar at Marian Engineering on 22/05/2026. He was born at Paruthiyoor in 1994. He joined the seminary after completing his Master's Degree in Chemistry from Mar Ivanios College (Autonomous), Nalanchira in 2016. He did his Bachelor's Degree in Philosophy at Carmelgiri Seminary, Alwaye and Master's Degree in Philosophy at Indira Gandhi Open University. He was ordained into priesthood in 2025. He has completed his Theological studies and formation from Jnana Deepa (JD) and Papal Seminary, Pune respectively. Fr. Sibin George is the faculty of Chemistry Department and Warden of the Boys Hostel.

Mr.T. SIDDIQUE , MINISTER FOR AGRICULTURE INTERACTS WITH STUDENTS IN THE FARM AFTER INAUGURATING THE PUSHPAKRISHI AT MARIAN EDUCITY CAMPUS AS PART OF THE ONAM - VILAVINTE VISMAYAM PROJECT.





INAUGURATION OF THE READING MONTH CELEBRATIONS BY DR. GOPAKUMAR V., HEAD OF KNOWLEDGE CENTRE, DIGITAL UNIVERSITY, KERALA.



DR. M MANOJ RECEIVING THE ENTREPRENEURSHIP ENABLEMENT EXCELLENCE AWARD FROM MR. PC VISHNU NATH, CULTURAL AND TOURISM MINISTER.

MESSAGE FROM THE MANAGER



As we bring out the second edition of our newsletter in this historic Silver Jubilee Year, I am filled with profound gratitude and immense pride as we reflect on the remarkable journey of Marian Engineering College over the past twenty-five years. What began in 2001 with a humble vision to provide quality technical education has today evolved into one of the leading engineering institutions in the region. I express my heartfelt appreciation to each one who has contributed to shaping Marian into the institution it is today. The declaration of Autonomous Status during our Silver Jubilee Year is indeed a moment of great pride and yet another feather in the cap of Marian Engineering College. This recognition is not merely an honour; it is a testament to our sustained commitment to academic excellence, quality assurance, innovation, and institutional growth. It also marks the beginning of a new chapter, empowering us to design a curriculum that is contemporary, industry-relevant, and responsive to the evolving needs of society.

As we step into this new phase, we aspire to scale even greater heights in teaching, research, innovation, entrepreneurship, industry collaboration, international engagement, and societal impact. The milestones ahead demand the same spirit of dedication, teamwork, and excellence that has brought us this far.

This newsletter captures some of the memorable events, accomplishments, and initiatives that have marked our Silver Jubilee celebrations. It stands as a testimony to the vibrant academic and co-curricular life of our campus and the unwavering commitment of the Marian family towards holistic education.

I take this opportunity to sincerely thank our students, faculty members, non-teaching staff, alumni, and every member of the Marian community for their enthusiastic participation and wholehearted support in making the Silver Jubilee celebrations truly memorable.

As we celebrate our past with gratitude and embrace the future with confidence, let us continue to work together with renewed commitment to make Marian Engineering College a beacon of excellence, innovation, and service to society.

Best regards,
Johnnie
Manager

MARIAN SILVER JUBILEE CELEBRATIONS

➤ SOAR 2026 – District-Level Education Conclave

Marian Engineering College, in association with Marian College of Architecture and Planning, hosted the district-level conclave **SOAR 2026** on **17 June 2026**. The event was coordinated by **Dr. Amjith L. R.**, Department of Mechanical Engineering, Marian Engineering College, and **Prof. Saranya Sathyanesan**, Department of MBA, Marian Business School. The event was inaugurated by **Dr. Rajasree M. S.**, CEO, TrEST Research Park and Former Vice Chancellor of KTU, in the presence of **Rev. Fr. Dr. A. R. John**, Manager, Marian Engineering College. The programme included a welcome address by **Dr. Ajit Prabhu V.**, Principal, and an overview of the conclave by **Dr. Amjith L.R.** Eleven KTU-affiliated institutions participated by setting up exhibition stalls showcasing their academic programmes, research facilities, innovation initiatives, and placement opportunities. Around **200 school students** visited the conclave, interacted with faculty and student representatives, and explored higher education options under KTU.



➤ Aaravom 2026

Organic Agriculture Pushpakrishi programme was organized by Naaden Agro Farms at Marian Educity Campus on 16 June 2026 at 11:00 AM. The event aimed to promote organic farming, sustainable agricultural practices, and awareness among farmers, students, and the general public. The programme was inaugurated by

Shri T. Siddique, former Kerala Congress Working Committee member.



➤ Vayanamahotsavam

Marian Engineering College organized the **31st Reading Day and Reading Month Celebration (Vayanamahotsavam) 2026** on **19 June 2026** at **2:30 PM** in the **IEDC Hall**. The programme was conducted to commemorate Reading Day and to foster a culture of reading, critical thinking, and lifelong learning among students and faculty.

The event was graced by **Dr. Gopakumar V., University Librarian and Head of the Knowledge Center, Digital University of Kerala (DUK)**, as the **Chief Guest**.

➤ Launch Of Sunflower Cultivation Project at Marian Engineering College

Marian Engineering College, under its Green Protocol and sustainability initiatives, officially launched the Sunflower Cultivation Project in collaboration with Naaden Agro on June 23, 2026. The initiative was organized as part of the institution's commitment to promoting eco-friendly agricultural practices and supporting the upcoming Onam celebrations. The seed sowing ceremony was inaugurated by Mr. Sujith, CEO of Naaden Agro, in the presence of the College Bursar, Rev. Fr. Sibin George, and Dr. Sarada Gopalakrishnan, Head of the Green Protocol Committee. Faculty members, students, and representatives from Naaden Agro actively participated in the event.



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

➤ Industrial Visit to Pallivasal Hydro Electric Power Station

ISTE MEC Chapter organised an Industrial Visit to Pallivasal Hydro Electric Power Station, Idukki on April 18th and 19th 2026. The project originally built in two stages with a total capacity of 37.5MW and is managed by KSEB. A group of 12 faculty members from various departments including Dean, Dr. Samson A and family members of certain faculties accompanied the visit and made the same a memorable one. The ISTE MEC Chapter expresses its sincere appreciation to **Prof. Geena**, who efficiently coordinated the visit by arranging the necessary entry permissions and passes for the Pallivasal Hydro Electric Power Station.



Faculty members along with family in front of Pallivasal Project

➤ Industrial Visit to CSIR-NIIST

As part of the National Technology Day 2026 celebrations, the ISTE Chapter of Mar Baselios College of Engineering and Technology (MEC) organized an

Industrial Visit to CSIR–National Institute for Interdisciplinary Science and Technology (CSIR-NIIST) on 11 May 2026, following an invitation from the institute.



The visit was attended by the Dean, Dr. Samson A., along with faculty members Dr. Sonia S. Raj, Dr. Vijayalekshmi S., Dr. M. Manoj, Dr. Ajith, Dr. Amjith L. R., Dr. Rani V., Prof. Vineetha B. Elza, Prof. Ramola Joy P., Prof. Keerthi Krishnan, Prof. Hema S. Mahesh, Prof. Dhanya L., Prof. Rinu, and Prof. Maneesh. The participants had the opportunity to visit various research laboratories and interact with scientists and researchers, gaining valuable insights into the cutting-edge research and technological advancements being carried out at CSIR-NIIST.

➤ Faculty Development Programme

ISTE organised 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with Marian Engineering College. The sessions covered the prerequisites for autonomy, institutional preparedness, governance mechanisms, academic and administrative reforms, quality assurance practices, regulatory guidelines, and the challenges involved in implementing autonomous systems effectively.



ISTE organised 3-day FDP from 25th May 2026 to 27 May 2026 on **Innovative Pedagogy** coordinated by Dr. Vijayalekshmi S. and Dr. Manoj. Faculty members of MEC, MCAP and MCA attended the FDP. The FDP was designed to familiarize faculty members with innovative teaching methodologies, learner-centric instructional strategies, and contemporary pedagogical practices.



ISTE organised 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** coordinated by Dr.Reshmy D.S. and Prof.Ramola Joy.The sessions were delivered by experienced academicians and education experts who shared practical insights into modern pedagogical approaches, the integration of technology in teaching and learning, assessment and evaluation techniques, and the role of academic leaders in fostering Institutional excellence. Interactive discussions and collaborative learning activities encouraged participants to exchange ideas and explore best practices in teaching and academic administration.



The 2024-25 ISTE Student Chapter Execom members were honored by the incoming 2025-2026 team. The culmination ceremony was graced by ISTE Parent chapter chairman Dr. Samson, Secretary Dr.Rani V. and faculty in charges of various departments



INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER(IEDC)

The Executive Committee members of Marian IEDC and the Women's Wing participated in a one-day training programme held at the Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kancheepuram, on 26 June 2026.The training programme focused on strengthening innovation, entrepreneurship, and leadership skills among the participants. It provided valuable insights into the functioning of Innovation and Entrepreneurship Development Centres (IEDCs), startup ecosystem development, team management, and best practices for organizing innovation-driven activities.

> ISTE STUDENT CHAPTER



IEEE

The IEEE Student Branch of Marian Engineering College successfully organized VIBEXAI – A 3-Day AI Bootcamp on Vibe Coding from 22 June to 24 June in online mode. The bootcamp brought together 51 participants and was designed to introduce students to the rapidly evolving landscape of Artificial Intelligence, with a special focus on Generative AI, Large Language Models (LLMs), Agentic AI, and Vibe Coding. The sessions aimed to provide participants with both conceptual understanding and practical exposure to AI powered development tools and modern software development practices.

VIBEXAI
"YOU PROMPT.AI DELIVERS."
A 3 DAY AI BOOTCAMP ON VIBE CODING
22 June To 24 June
SPEAKER
Gifton Tom Biju
• Founder & CEO @ Tomatrix Technologies Pvt Ltd
Online session
Join from anywhere
IEEE members: 99rs
Non-IEEE members: 129rs
For Queries, Contact
Nanditha Sumesh
+91 62824 26207
Adithi
+91 79076 14412
SCAN TO REGISTER >

NSS ACTIVITIES

> World Environment Day 2026

The **World Environment Day 2026** programme was organized on **15 June 2026** to promote environmental awareness and encourage sustainable practices among students and the local community. The event

commenced with an inaugural session, followed by a prayer, highlighting the significance of environmental conservation. As part of the programme, saplings were planted across the campus to enhance greenery and promote sustainability. In addition, seeds were distributed to nearby households to encourage community participation in tree planting and environmental protection. The programme witnessed enthusiastic participation from volunteers and successfully reinforced the importance of environmental responsibility and community involvement in conservation efforts.



> World blood day



On the occasion of World Blood Donor Day, the NSS Unit of Marian Engineering College was honored by the Regional Cancer Centre (RCC) in recognition of its

dedicated efforts in organizing and supporting voluntary blood donation camps. The recognition was presented in appreciation of the unit's sustained commitment to promoting voluntary blood donation, fostering social responsibility, and contributing to lifesaving healthcare initiatives. Through the enthusiastic participation of its volunteers and donors, the NSS Unit has played a significant role in creating awareness about the importance of regular blood donation and supporting the healthcare needs of the community. This recognition reflects the unit's continued dedication to humanitarian service and its meaningful contribution to society.

SPORTS

Monish S of S4 Mechanical Engineering, participated in the All-India Inter-University Powerlifting Championship held at Hindustan Institute of Technology and Science, Chennai from 3rd June 2026 to 8th June 2026. His participation in this prestigious national-level championship reflects the institution's commitment to promoting excellence in sports alongside academic pursuits. The achievement highlights the dedication and perseverance of the student and serves as an inspiration to fellow students to actively participate in competitive sporting events at the national level. The college takes pride in encouraging students to participate in national-level competitions that contribute to their holistic development



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

STUDENT ACHIEVEMENTS

- Gokul S, Maheswaran, Sreenidhi and Gautham Krishna of S7 AH, Won Rs.10,000 cash prize in Top 3 Ideations at the IGNITE-75 MedTech ideathon.

- Gokul S, Maheswaran, Sreenidhi and Gautham Krishna of S7 AH, secured Second prize for the Best Paper titled 'Decentralized Privacy-Preserving Federated Medical AI with Blockchain and Selective LoRA' in INNOVENT 2026 at Mahaguru Institute of Technology.

PLACEMENT

- Gokul S of S6AH placed at Infosys as Specialist Programmer L1.
- Abhinav Manoj of S6AH placed at Infosys as Digital Specialist Engineer.

FACULTY ACHIEVEMENTS

● BOOK PUBLICATION

Dr. Aswathy S U, published a book named 'Artificial Intelligence and Machine Learning', ISBN:978-93-6492-308-8

● EXTERNAL INTERACTIONS

1. Prof. Balu John served as Chairman in the Technical Committee (Digital Devices) constituted by KTU.

● PAPER PUBLICATIONS

- **Dr. Aswathy S U**, published a paper in Conference titled 'Energy-Efficient pavement materials Infused with Phase change Nanomaterials for Smart Transportation Infrastructure'
- **Dr. Aswathy S U**, published a paper titled 'Adaptive Memory Retrieval Algorithm for Long-Term Context Retention in Autonomous Agents' in the International Journal of Artificial Intelligence and Machine Learning. Vol. 6 NO. 2s (2026): IjAIML_VOL.6_NO.2s 2026
- **Prof. Neethu Akkarapatty** published a paper titled 'Hybrid Quantum-Classical variational Algorithms for High-Dimensional Feature Selection' in the International Journal of Artificial Intelligence and Machine Learning. Vol. 6 NO. 3s (2026): IjAIML_VOL.6_NO.3s2026

● FDP ATTENDED

- **Dr. Aswathy S U**, attended a 3day Faculty Training program on 'UGC Autonomous Status-PreRequisites, Essentials and challenges' organized by KICMA in association with Marian Engineering College.
- **Prof. Aswathy T K and Prof. Nisha Soman**, presented a paper titled 'Generative code Reconstruction for Dynamic Malware Detection' at the National Conference INNOVENT-2026 at Mahaguru Institute of Technology.

- Prof. Veena Ramachandran L, attended 3day FDP on **‘Innovative Pedagogy’** organised by ISTE Chapter, Marian Engineering College.
- **Prof. Bhagya Lekshmi H R** attended 2day FDP on **‘Pedagogical Excellence and Academic Leadership in Higher Education’** organised by ISTE Chapter, Marian Engineering College.
- Prof. Karthika Surendran, attended 6 day FDP on **‘Emerging Threats and AI in Cyber Security’** organised by the LBS College of Engineering Kasargod.
- **Prof. Karthika Surendran**, attended 6 day National Level FDP on **‘Generative & Agentic AI-Tools & Demo’s** ‘organised by Sardar Vallabhbhai National Institute of Technology.
- **Prof. Diana Walts**, attended 6 day online FDP on **‘Deep Learning,Transformer Architectures and Intelligent Robotic Systems’** organised by LBS institute for Women.
- Prof. Diana Walts, attended 6 day online FDP on **‘AI in healthcare:Data,Analytics,Ethics and Realworld Applications’** organised by Jyothi Engineering college, Thrissur.
- Prof. Diana Walts, attended 5 day online FDP on **‘Agentic AI’** organised by Amal Jyothi College of Engineering in collaboration with TCS.

DEPARTMENT OF CIVIL ENGINEERING

➤ DEPARTMENT ASSOCIATION PROGRAMS



The MoU was signed on behalf of BIMCAFE by **Ms. Anitha Shamla** and **Mr. Sarath**, Managing Directors of **DDG BIM Services Ltd., Kochi**, while **Rev. Fr. Dr. A. R. John**, Manager, signed on behalf of Marian Engineering College. The ceremony was attended by **Mr. Sam Exeeson** of Digital Twin, Kochi; **Dr. A. Samson**, Dean; **Dr. Abdul Nizar**, Principal; **Mr. Vishnu Sreedhar** of BIMCAFE; **Dr. Rani V.**; **Dr. Reshmy D. S.**; and **Prof. Asha Davood**. The partnership aims to provide students with enhanced training, industry exposure, and opportunities for skill development in BIM and related technologies. The partnership is expected to facilitate industry-oriented learning, improve employability, and equip students with practical knowledge aligned with current technological advancements.



The Department of Civil Engineering organised a Workshop on **Digital Construction and BIM technologies** on April 10th in Civil seminar hall. **Mr Sam Exeeson**, MD of Digital Twin handled a session on Scan2BIM and **Ms Anitha Shamla** engaged the session on BIM insights and Process. Faculty members from CE, ME EE, CS, AH department and students from MCAP attended the session. The Workshop was coordinated by **Prof Asha Davood Z.** and **Prof Deepthy Dennison** of Civil Department.. The technical sessions were led by **Mr. Sam Exeeson**, Managing Director of **Digital Twin**, who delivered an insightful presentation on **Scan2BIM**, highlighting advanced techniques for converting laser scan data into intelligent BIM models. **Ms. Anitha Shamla** conducted a session on **BIM Insights and Processes**, providing participants with a comprehensive understanding of BIM workflows, industry practices, and collaborative project execution..



The **ICEC Students Chapter** has successfully organized 2-week internship programmes for engineering students through our professional network across Thiruvananthapuram, Thrissur, Ernakulam, and Malappuram. With the support of our member organizations and industry experts, students received valuable practical exposure, technical guidance, site experience, and professional mentoring. The programme effectively bridged the gap between classroom learning and real-world engineering practice.

➤ FACULTY ACHIEVEMENTS

- **Dr. Rani V., HOD**, Department of Civil Engineering served as a resource speaker in the 5-day online faculty programme on Sustainable Practices in Infrastructure Projects from 25 -05 2026 to 29 -05-2026 at LBS Institute of Technology for Women
- **Dr. Rani V., HOD**, Department of Civil Engineering has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Dr. Rani V., HOD**, Department of Civil Engineering has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Dr. Reshmy D.S** has served as a Reviewer for conference on Transportation Systems, Engineering and Management.
- **Dr. Reshmy D.S** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Prof. Greeshma T** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Prof. Greeshma T** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Greeshma T** has participated in the 6-day FDP on **Emerging Trends in Civil Infrastructure with AI Integration** held from 8 th to 13 th June 2026 organised by Department of Civil Engineering, Rajagiri School of Engineering and Technology
- **Prof. Asha Davood Z** has participated in national conference on **Advancing Sustainability in Civil Engineering practices** from 17-04-2026 to 18-04-2026 organised by IGS chapter of Department of Civil Engineering, St.Thomas Institute for Science and Technology
- **Prof. Asha Davood Z** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Asha Davood Z** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Prof. Asha Davood Z** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Renju C.M.** has published patent on **Interlocking Concrete Block** published in Indian Patent Journal on 14-05-2026
- **Prof. Renju C.M.** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Renju C.M.** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Prof. Sanobiya B.S.** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Sanobiya B.S** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College
- **Prof. Sanobiya B.S.** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Aswathy Sasikumar** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Aswathy Sasikumar** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College
- **Prof. Deepthi Dennison** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College
- **Prof. Kannan K.** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College

- **Prof. Revathy V.S.** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Revathy V.S.** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College
- **Prof. Revathy V.S.** has participated in the Faculty Development Programme in online mode on **Digital Twinning and Next Generation Civil Engineering Practices** from 11-05-2026 to 16-05-2026 at St.Thomas Institute for Science and Technology
- **Prof. Karuna P.** has participated on 2-day FDP on 22nd June 2026 and 23rd June 2026 on **Pedagogical Excellence and Academic Leadership in Higher Education** organised by ISTE chapter of Marian Engineering College

STUDENT ACHIEVEMENTS



Students of 202-26 Batch Aaron D.S. placed on SBI as branch relation officer and Akhila A.P. placed on UNLOX as Business Development Associate

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A New Milestone in Innovation: TrEST Satellite Centre Launched at Marian Engineering College



A Memorandum of Understanding (MoU) was signed between Trivandrum Engineering Science and Technology (TrEST) Research Park and Marian Engineering College on 17 June 2026. The agreement marks a significant step in establishing a TrEST satellite centre thereby strengthening collaboration between

academia and industry, fostering innovation, research excellence, skill development, and entrepreneurship among students and faculty members. The primary objectives of the collaboration include:

- The Satellite Centre will serve as a research and incubation hub, supporting startups, faculty, and students in research and development (R&D) activities.
- The Satellite Centre will facilitate industry-academia interaction, skill development and internship opportunities for students.
- The Centre will encourage research collaborations, mentorship programs, and joint projects with TrEST and associated startups.

CONSULTANCY



TherapInc, a comprehensive Special School Management System developed by Renisha Gillus, Sreedhanya S., Lydia Brune and Malavika T.R of S8R2 under the guidance of Mrs. Keerthi Krishnan, Associate Professor, was officially launched at St. Martha's Special School, Menamkulam on 01-06-2026. The software digitizes student records, therapy details, attendance status, progress tracking, and administrative functions, helping special schools streamline their operations and reduce documentation workload. The successful development and deployment of *TherapInc* demonstrate the students' technical competence, innovative thinking, and commitment to creating socially relevant technological solutions. The project reflects Marian Engineering College's emphasis on outcome-based learning, community engagement, and the application of technology to address real-world challenges. The official launch at St. Martha's Special School marked a significant milestone, highlighting the institution's efforts to foster innovation with meaningful societal impact.

Five-Day FDP on Integrated Computer Networking: Theory to Practice Successfully Conducted

The Department of Computer Science and Engineering, Marian Engineering College, successfully organized a Five-Day Faculty Development Program (FDP) on

“Integrated Computer Networking: Theory to Practice” from 08 to 12 June 2026.



The program was designed to enhance participants' understanding of networking concepts through a blend of theoretical sessions and hands-on laboratory exercises using industry-standard networking tools and simulation platforms. The FDP featured expert sessions by Ms. Nitha L. Rozario, Assistant Professor, Marian Engineering College, Ms. Swapna H., Assistant Professor, Marian Engineering College, Ms. Reeja S. L., Assistant Professor, Marian Engineering College, and Mr. V. S. Shibu, Assistant Professor, Mar Baselios College of Engineering and Technology (MBCET). The program witnessed enthusiastic participation from 50 faculty members and educators from various institutions. The FDP was coordinated by **Ms. Nitha L. Rozario, Ms. Reeja S. L and Ms. Swapna H.**

➤ NPTEL Certification



Ms. Renetha J B secured NPTEL Elite Gold certification for the course programming in Java during the period Jan-April 2026.



Ms. Nishley Elizabeth Joseph secured NPTEL Elite certification for the course programming in C during the period Jan-April 2026.

➤ NEWLY APPOINTED FACULTY MEMBERS



Prof. Rahul Ajithkumar



Prof. N. Reshma Pillai



Prof. Hima K.G.



Prof. Ansu Elizebeth John

➤ PAPER PUBLICATIONS

1. **Dr. Sindhu Chandra Sekharan** published the following papers during the period April 2026 to June 2026. "Hybrid LSTM-Based Deep Learning Models for Delivery Delay Prediction in Intelligent Logistics" in International Journal of Drug Delivery Technology - Scopus Indexed.
2. "Fixed-Budget Cross-Domain Vision Benchmark Medical Histopathology and Industrial Remote Sensing," through Fourth International Conference on Augmented Intelligence and Sustainable Systems (ICAIS), Trichy, India, 2026.
3. **Dr. Sheeja Augustin, Nifty Rose, Jishnu M S & Paul Oscar** published a paper titled "BuildXinfo: Cloud-Based Construction Cost Estimation Using Deep Neural Networks" in International Journal of Engineering Development & Research, May 2026.
4. **Ms. Reeja S L, Aadil Mohammed, Prakash P, Aby George Mathew and Khadija Sulfi** published a paper titled "Land used Land Cover based Intelligent System for Urban & Environmental Applications" in International Journal for innovative Research in Technology, April 2026.
5. **Ms. Vijaya Lekshmi S V** published a paper titled "Pill track: A voice enabled AI based system for pill identification and elderly health care management" in International Journal of Innovative Research in Technology, April 2026.
6. **Ms. Aiswarya I P** published a paper titled "Digital Platform for Crop Health and Agricultural Services"

in International Journal of Innovative Research in Computer Science & Technology, Volume-14, Issue-2, March-2026.

7. **Ms. Nitha L. Rozario, Abhiram Krishna A, Adithya A J., Amina H., and Daya Deepu** published a paper titled “IN JOBS-Interconnected Network Job Search” in the International Journal of Science, Engineering and Technology (IJSET, Volume 14, Issue 2 April 2026)

➤ FDP Attended

- **Ms. Keerthi Krishnan, Ms. Nishley Elizabeth Joseph, Ms. Renetha J B, Ms. Reeja S L, Ms. Aiswarya I P, Ms. Nitha L Rozario, Ms. Rojitha Abdulla and Ms. Binsi P** participated in six day FDP on “AI in Healthcare : data, Analytics, Ethics & Real - World Applications” organized by Department of AI & DS, Jyothi Engineering College (Autonomous) , Thrissur, Kerala from 20/04/2026 to 25/04/2026
- **Dr. Sheeja Augustin, Ms. Keerthi Krishnan, Ms. Swapna H & Ms. Nitha L Rozario** participated in the Faculty Training Program on UGC Autonomous status prerequisites, essentials & challenges” organized by Kerala Institute of co-operative Management in association with Marian Engineering College on held on 18-05-2026 to 20-05-2026.
- **Ms. Renetha J B, Ms. Aswathy G S and Ms. Rashmi M K** participated in six-day FDP on “Emerging Threats and AI in Cyber Security” organized by LBS College of Engineering Kasaragod, sponsored by ARCITE School of Data Science 18-05-2026 to 23-05-2026
- **Ms. Keerthi Krishnan, Ms. Renetha J B & Ms. Aswathy G S** participated in “Generative AI in software engineering and DevOps: From Code Assist to Autonomous Agents” conducted by LBS Institute of Technology for Women Poojappura, in association with TCS Academic Alliances Group from 01.06.2026 to 06.06.2026
- **Ms. Reeja S L, Ms. Nitha L Rozario & Harsha T** participated in Network Programming & Simulation Tools organized by the department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering on 20th to 25th April 2026.
- **Ms. Julie Christy** participated in “Next Generation AI: LLMs, Agentic and Multi-Agent Systems” organized by Department of Artificial Intelligence, Baseliious Mathew II College of Engineering from 27/04/2026 to 1/5/2026.
- **Ms. Aswathy G S & Ms. Renetha J B** Participated in FDP on “Generative AI in Software Engineering and DevOps : From Code Assist to Autonomous Agents” organized by LBSITW, Trivandrum from 01/06/2026 to 06/06/2026.
- **Ms. Rojitha Abdulla** participated in two day national level intensive workshop on Prompt Engineering organized by Venkat’s times from 30-05-2026 to 31-05-2026 and she also participated in five days national level FDP on “AI in education: teaching, learning & Assessment.
- **Ms. Sreeikutty** participated in “Intelligent Cyber Defence: AI/ML and quantum computing applications (PEP)” organized by Atharva college of Engineering, Malad West, Mumbai from 8-06-2026 to 30-06-2026 and also she attended Six Day Faculty Development Programme (FDP) on “Deep Learning, Transformer Architectures and Intelligent Robotic Systems.” Organized by LBS Institute of technology for Women from 22-06-2026 to 27-06-2026
- **Ms. Reeja S I & Ms. Harsha T** participated in ” Mastering Computer Network- A practical based approach” organized by St. Thomas Institute of Science & Technology from 18-05-2026 to 22-05-2026.
- **Ms. Rashmi M K** participated in “RIPES-VISTA”, Ripes-Driven Visualization for RISC-V Architecture organized by Malabar Institute of Technology Kannur from 09/03/2026 to 11/03/2026.
- **Ms. Dhanya L** participated in Online Technology Talk Series organized by Department of Computer Science and Engineering, Bishop Jerome Institute from 02/06/2025 to 07/06/2025 and she also attended a five-day online FDP on Advanced Scientific writing, AI Assisted Research and Ethical Publication from 21-6-2026 to 25-6-2026 organised by IES College of Engineering.
- **Ms. Diphonsa Uvanse U V** participated in six day online Faculty Development Program on “Intelligent Computing Technologies” organized by Sreepathy Institute of Technology & Management from 17-06-2026 to 23-06-2026.
- **Ms. Aiswarya I P** participated in one week online faculty development program on “Generative AI & Emerging Technologies “ conducted by John Cox Memorial CSI Institute of Technology in association with Riglabs Collective from 22-06-2026 to 26-06-2026 and she also attended six-day national online Faculty Development Program on “AI for Academic Excellence: Transforming Teaching, Writing & Research” organized by the Department of Computer Science and Engineering, Baseliious Mathews II College of Engineering from 11-05-2026 to 16-05-2026.
- **Ms. Sunitha S, Ms. Mercelin Francis, Ms. Reeja S L, Ms. Nisha J R, Ms. Nishley Elizabeth Dr. Anusha B, Ms. Dhanya I, Ms. Harsha T., Ms. Aiswarya I P, Ms. Mary Lisa Leenuse, Ms. Sreeikutty S Vinod, Ms. Renetha J B, Ms. Rojitha Abdulla, Dr. Sindhu Chandrasekharan, & Ms. Arun Betty** participated in Two-Day Faculty Development

Programme on Pedagogical Excellence and Academic Leadership in Higher Education conducted by ISTE chapter of Marian Engineering College on 22-06-2026 & 23-06-2026

µLearn Activities

ElevUp: 10-Day Skill Sprint, organized by µLearn MCE from **10–20 June 2026**, successfully engaged **115 students** in hands-on learning across Web Development, Cyber Security, and UI/UX Design. Through daily challenges, an online submission platform, and leaderboard-based evaluation, participants enhanced their technical and problem-solving skills. The initiative fostered practical learning, consistency, and healthy competition, making it a highly successful skill development program. The structured format of the sprint encouraged regular engagement, self-paced learning, and continuous improvement. The competitive yet collaborative environment further motivated participants to complete daily challenges and strive for better performance. Overall, the initiative successfully achieved its objectives by fostering practical learning, consistency, and technical skill development. The positive response and active participation reflected the effectiveness of the program in promoting experiential learning and preparing students for future academic and professional opportunities.

The event featured a diverse range of projects covering various domains of Electrical and Electronics Engineering. Student teams presented the objectives, design process, working principles, and applications of their projects, followed by interactive demonstrations and discussions with the visitors. The exhibition encouraged knowledge sharing and provided junior students with valuable insights into project planning, execution, and technical problem-solving. The initiative served as an effective platform for promoting experiential learning, innovation, and peer-to-peer interaction. It also motivated junior students to develop technical skills, explore new ideas, and actively participate in future academic and project-based activities.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

➤ PROJECT EXHIBITION

The students of S6 EEE and S8 EEE jointly organized a project exhibition for junior students on 1/04/2026.

➤ FDP ATTENDED

- **Dr. Vijayalekshmi S.** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Ms. Valsa Basil**, Assistant Professor, EEE attended 5 days FDP on **“Microprocessor and Embedded System”** held from 16/04/2026 to 21/04/2026, organized by Department of Electrical and Electronics Engineering, St. Thomas Institute for Science and Technology.
- **Ms. Swathy Soman**, Assistant Professor, EEE attended 6 days FDP on **“AI in Healthcare: Data, Analytics, Ethics & Real-World Applications”** held from 20/04/2026 to 25/04/2026, organized by Department of AI & DS, Jyothi Engineering College (Autonomous).
- **Ms. Deena Paul**, Assistant Professor, EEE attended 6 days FDP on **“AI in Healthcare: Data, Analytics, Ethics & Real-World Applications”** held from 20/04/2026 to 25/04/2026, organized by Department of AI & DS, Jyothi Engineering College (Autonomous).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION/ ELECTRONICS AND COMPUTER ENGINEERING

➤ INDUSTRY ACADEMIA CONNECT



SCTIMST (Mr. Sharath S.Nair (Sci.G), and KMTC (Mr. C. Padmakumar, Special Officer, Kerala Medical Technology Consortium, Govt. of Kerala and Mr. Rohan Philip) Ink Deal with Department of Electronics to Boost Tech Innovation

A landmark meeting between SCTIMST, KMTC officials and Department of Electronics paved the way for a potential collaboration with our college, aiming to bridge the gap between academia and industry. The meet, held on 5th June 2026 saw discussions on joint research projects, student internships, and skill training programs.



➤ Inauguration of the Centre for Biomedical Research (CBR) and Faculty Development Programme

The **Department of Electronics and Communication Engineering** inaugurated the **Centre for Biomedical Research (CBR)** on **8 June 2026** with the objective of promoting research, innovation, and interdisciplinary collaboration in the field of Biomedical Engineering. The inauguration marked a significant milestone in strengthening the institution's research ecosystem and fostering industry-academia interaction. Coinciding with the inauguration, the department commenced a **five-day Faculty Development Programme (FDP) on “Biomedical Engineering – Innovation and Research”**, conducted from **8–12 June 2026**. The inaugural function was graced by **Mr. C. Padmakumar**, Special Officer, **Kerala Medical Technology Consortium, Government of Kerala**, as the **Chief Guest**.



The **Department of Electronics and Communication Engineering** successfully concluded its **five-day Faculty Development Programme (FDP) on Biomedical Engineering – Innovation, Research and Healthcare Applications (BEIRHA 2026)**, conducted from **8–12 June 2026**. The programme was organized to enhance participants' knowledge of emerging trends, research opportunities, and healthcare applications in the

field of Biomedical Engineering. The **valedictory function** was held on the evening of the fourth day, marking the successful completion of the technical sessions delivered by eminent experts from academia, industry, and research



FDP ATTEND

- **Prof. Vinitha B Elza (Assoc.Prof., ECE), Dr.M.Manoj (Prof., ECE), Prof. Nurul Hidayah (AP, ES), Prof. Ramola Joy P (Assoc.Prof., ECE), Prof. Minnu Jayan C. (AP, EC)** has participated in the Faculty Training Program on UGC-Autonomous status - Pre requisites, essentials and challenges organized by Kerala Institute of Co-operative Management in association with Marian Engineering College held on 18-20 May 2026.
- **Prof. Evan Kumar (AP, ECE)** participated in the 6 days Faculty Development Programme, Responsible AI in Interdisciplinary applications, organised by CSE department & CDIT held from 11th -16th May, 2026 at TKM college of Engineering.
- **Prof. Subha P.S (Assoc.Prof., ECE)**, participated in the 2 Day Faculty Development Program on Pedagogical Excellence and Academic Leadership in Higher Education on 22nd & 23rd June, 2026 conducted at Marian Engineering College, Trivandrum
- **Ms. Ramola Joy P. (Asso.Prof., ECE) and Prof. Sreena V.G (AP, ECE)** has participated in the 6 Day International Online FDP on AI in Healthcare: Data, analytics, Ethics & Real-world Applications, organized by the Department of AI and DS, Jyothi Engineering College, Thrissur from 20th to 25th April, 2026.
- **Prof. Glastin Y.V (AP, ECE)** participated in the 6 Days Online Faculty Development Program on

"Digital & Biomedical Signal Processing Tools, Trends and Research Impact" organized by the Department of Electronics Communication and Biomedical Engineering, ICET, Moovatupuzha from 4th to 9th, May 2026.

- **Prof. Hema S. Mahesh (AP, ES)** participated in the Five day national level FDP on Reimagining Signal Analytics using AI organised by Dept. of ECE, Basileos Mathew II College of Engineering Sasthamcotta from 8th June to 12th June (Evening) and FDP on Pedagogical Excellence and Academic Leadership in Higher Education organised by ISTE MEC Chapter on 22nd and 23rd June 2026.
- **Prof. Dhanya Mathew (AP, ECE) and Prof. Ann Mathew (AP, ES)** participated in the 3 day Faculty development Programme, on Innovative Pedagogy Coordinated by ISTE chapter of Marian Engineering College Date: 25th May to 27th May 2026 and in the 2 day Faculty Development Programme, on Pedagogical Excellence and Academic Leadership in Higher Education on June 22-23rd 2026 at Marian Engineering College.
- **Prof. Preetha S.L (AP, ES) and Prof. Simi M.S (AP, ECE)** participated in a six day Faculty Development Program on "SMART BIOMEDICAL & SUSTAINABLE ELECTRONIC SYSTEMS: AI, IoT & GREEN TECHNOLOGIES" from 16th June to 21st June 2026 organized by Sreepathy Institute of Management and Technology. and in the 2-day Faculty development Programme, on Pedagogical Excellence and Academic Leadership in Higher Education on June 22nd- 23rd, 2026 at Marian Engineering College
- **Prof. Lorinda E (AP, ES)** participated in a six day National Online Faculty Development Program (FDP) on "AI for Academic Excellence: Transforming Teaching, Writing & Research", organized by the Department of Computer Science and Engineering, Basileos Mathews II College of Engineering, from 11 May 2026 to 16 May 2026, Three-Day Faculty Development Programme on "Innovative Pedagogy" organized by the ISTE Chapter of Marian Engineering College, held from 25 May 2026 to 27 May 2026 at Marian Engineering College, Kazhakuttom, Thiruvananthapuram, Five-Day Faculty Development Programme on "Biomedical Engineering: Innovations, Research & Healthcare Applications" held from 8 June 2026 to 12 June 2026 at Marian Engineering College, Thiruvananthapuram and National Level 7-Day Online Faculty Development Programme (FDP) on "Advanced Machine Learning Paradigms: Theory, Lab, and Research Applications" Organized by Department of Computer Science and Engineering (CSE), MEA Engineering College from May 18, 2026 – May 25, 2026
- **Prof. Sreelakshmi A. (AP, ES), Prof. Vidyaraj K (AP, ES), Prof. Ajana J (AP, ES) and**

Prof.Hemadevi N.M(AP,ES) participated in the Six-Day National Online Faculty Development Program (FDP) on “AI for Academic Excellence: Transforming Teaching, Writing & Research”, organized by the Department of Computer Science and Engineering, Basileos Mathews II College of Engineering, from 11 May 2026 to 16 May 2026. , Three-Day Faculty Development Programme on “Innovative Pedagogy” organized by the ISTE Chapter of Marian Engineering College, held from 25 May 2026 to 27 May 2026 at Marian Engineering College, Kazhakuttom, Thiruvananthapuram and Five-Day Faculty Development Programme on “Biomedical Engineering: Innovations, Research & Healthcare Applications” held from 8 June 2026 to 12 June 2026 at Marian Engineering College, Thiruvananthapuram."

➤ FACULTY ACHIEVEMENTS

- EdamsInn LLP, founded by **Dr. Radeep Krishnan and Prof. Evan Kumar G.** of the Department of Electronics, has been officially registered as a Limited Liability Partnership (LLP) with the Department for Promotion of Industry and Internal Trade (DPIIT). The registration is valid from 3 June 2026 to 1 April 2036, recognizing the startup as an innovative entrepreneurial venture. This achievement reflects the Department of Electronics' commitment to fostering entrepreneurship and innovation. EdamsInn LLP is expected to contribute to the local technology ecosystem while creating valuable opportunities for students and faculty to engage in collaborative research, innovation, and industry-oriented projects. The college congratulates the founders on this significant milestone and wishes them continued success.



- **Dr.M.Manoj (Prof. ECE)**, was the resource person for the Career guidance session by Asianet for Kollam district on June 2026 and at Bishop Heber College Trichi on Entrepreneurship Ecosystem development on 14-3-26
- **Dr. Radeep Krishna R.(Assoc.Prof,ECE)** was the resource person at Sri Madhuram Hotel, Thenkasi for the programme AI Education: Preparing students to

the future (from Industrial to AI revolution)- Teacher in Service Programme organized by IEEE Madras Section on 28th June 2026.

➤ CONFERENCE PARTICIPATIONS

- **Prof. Vinitha B Elza (Assoc.Prof., ECE)** participated at the IEEE International Conference on Smart Communication and Sustainable Technologies (ICSCST 2026) organized by Saintgits College of Engineering, Kottayam and presented the paper titled ' Surveillance VTOL' during June 18-20, 2026 .
- **Prof. Evan Kumar (AP,ECE)** presented a paper "MIDI GLOVE WITH REAL TIMESPATIAL TRACKING" in IEEE conference ICSCST - 2026 (International conference on Smart communication and sustainable technologies) at Saintgits College of Engg on April 18-19,2026
- **Prof.Mary Sunitha (AP,ECE)** presented paper entitled "Solar powered small helmet with life saving features" at the international conference ICETEAS 2026 on 17th April 2026.
- **Prof.Sreena V.G (AP,ECE)** participated at the IEEE International Conference on Smart Communication and SustainableTechnologies (ICSCST 2026) orhanised by Saintgits College of Engineering , Kottayam for the paper titled ' Surveillance VTOL' duringJune 18-20, 2026
- **Prof. Minnu Jayan C (AP,ECE)** presented a paper entitled "VISION MATE-SMART GLASSES FOR THE VISUALLY IMPAIRED" on 3rd international conference on Intelligent systems and Technologies (ICIST'26) at Vidya Academy of Science and Technology, Trivandrum on 5th and 6th May 2026.
- **Prof. Minnu Jayan C (AP,ECE)** presented paper entitled "Autonomous ROS-2 Based Wheeled Loader For Intelligent Debris Handling" on March 17,2026 at NICHE in National conference
- **Prof. Minnu Jayan C (AP,ECE)** presented a paper in IEEE conference ICSCST International conference on "Smart communication and sustainable technologies" at Saintgits college of Engg on April 18-19,2026.



Dr. M. Manoj, Professor, Department of Electronics and Communication Engineering (ECE), was honored with the Entrepreneurship Enablement Excellence Award in

June 2026. The award was presented by Shri P. A. Mohamed Riyas, Minister for Tourism, Public Works, and Youth Affairs, Government of Kerala, in recognition of Dr. Manoj's outstanding contributions to promoting entrepreneurship and innovation within the academic community. Through his dedicated efforts, he has inspired and empowered students and faculty members to transform innovative ideas into successful entrepreneurial ventures. This prestigious recognition reflects his commitment to nurturing an entrepreneurial ecosystem and serves as an inspiration for aspiring innovators and entrepreneurs.

➤ STUDENT ACHIEVEMENTS

The Valorant Tournament organized by Marian Congratulations to Kiran, Aldo and Sreyas of 2022-2026 Electronics and Computer Engineering students who Secured 1st prize in 'Aryabhateeyam' Best B.Tech project competition 2026 at IIST, held on 23rd May with a cash prize of Rs 10,000/-



The Department of Electronics and Communication Engineering is proud to congratulate **Jayant B Viswam** (2024–2028 Batch) on his exceptional achievement at the **SCT Classics** bodybuilding championship. Jayant delivered an outstanding performance by securing **First Place in the 70 kg category**. Demonstrating remarkable strength, dedication, and competitive excellence, he was also honored with the prestigious title of **Overall Champion of Champions** at **Cult A Way**, held on **29 June 2026**. This remarkable accomplishment reflects Jayant's perseverance, discipline, and commitment to excellence both inside and outside the academic environment



DEPARTMENT OF MECHANICAL ENGINEERING

➤ FACULTY ACHIEVEMENTS

- **Dr. Sonia S Raj**, Associate Professor Professor, Department of Mechanical Engineering Participated in the Six Days Online FDP on “**Emerging Trends in Electrical Engineering: Integrating AI, Machine Learning and Research Innovation**” organised by the Organized by the Department of Electrical and Electronics Engineering, in association with TrEST Satellite Centre and EV Club of LBS College of Engineering Kasaragod from 4-05-2026 to 9-05-2026”
- **Dr. Sonia S Raj** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Dr. Arun kumar V.** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Dr. Amjth L.R.** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Dr. Berlin Seva Rex** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-operative Management in association with ISTE chapter of Marian Engineering College
- **Prof. Arun J,** has participated on 3-day FDP from 18th May 2026 to 20th May 2026 on **UGC – Autonomous Status-Pre Requisites Essentials & Challenges** organised by Kerala Institute of Co-

operative Management in association with ISTE chapter of Marian Engineering College

- **Prof. Ullas Innocent Raj, Prof. Maneesh T, Prof. Rajaneesh R Chandran and Prof. Deepak Peter**, of the Department of Mechanical Engineering attended the Two-day FDP on “Pedagogical Excellence and Academic Leadership in Higher Education” organised by the ISTE chapter of Marian Engineering College Trivandrum from 22nd to 23rd June 2026.

MASTER OF COMPUTER APPLICATIONS (INTEGRATED)

Marian Engineering College has introduced the Master of Computer Applications (Integrated), a five-year (10-semester) postgraduate programme affiliated with APJ Abdul Kalam Technological University (KTU), Kerala. The Integrated MCA programme combines undergraduate and postgraduate studies into a single, continuous curriculum. It is designed to equip students with strong foundations in computer science and advanced expertise in software engineering, emerging technologies, and IT applications without requiring separate admissions for bachelor's and master's programmes. The introduction of the Integrated MCA programme at Marian Engineering College reflects the institution's commitment to providing high-quality, future-focused computing education. The Department is headed by **Prof. Neethu Mohan**, who oversees the academic and administrative activities of the department.



Prof. Neethu Mohan

HoD, Department of Computer Applications (Integrated MCA)



Dr. Joseph Antony G.,

Adjunct Professor



Prof. Vivek V.V.
Assistant Professor



Prof. Salini V. Nair
Assistant Professor

SCIENCE & TECHNOLOGY UPDATE

April 2026

- **Ancient Whales from India:** Fossils discovered in Gujarat provided new insights into the early evolution of whales, highlighting India's significance in the transition of whales from land to sea.
- **Solar Eruptions Explain the Sun's Hot Corona:** High-resolution observations showed that tiny solar eruptions may supply the energy responsible for heating the Sun's outer atmosphere to millions of degrees.
- **Breakthrough in Pancreatic Cancer Research:** Researchers identified a hidden RNA molecule that promotes pancreatic cancer growth and drug resistance, opening new possibilities for targeted therapies.

May 2026

- **AI Improves Crop Gene Editing:** Scientists developed an open-source AI-assisted CRISPR system capable of making highly precise genetic modifications in rice, paving the way for improved crop varieties.
- **Genome Map for Catla Carp:** Researchers produced the first detailed genome map of India's most important farmed freshwater fish, enabling faster breeding of disease-resistant and high-yield varieties.

June 2026

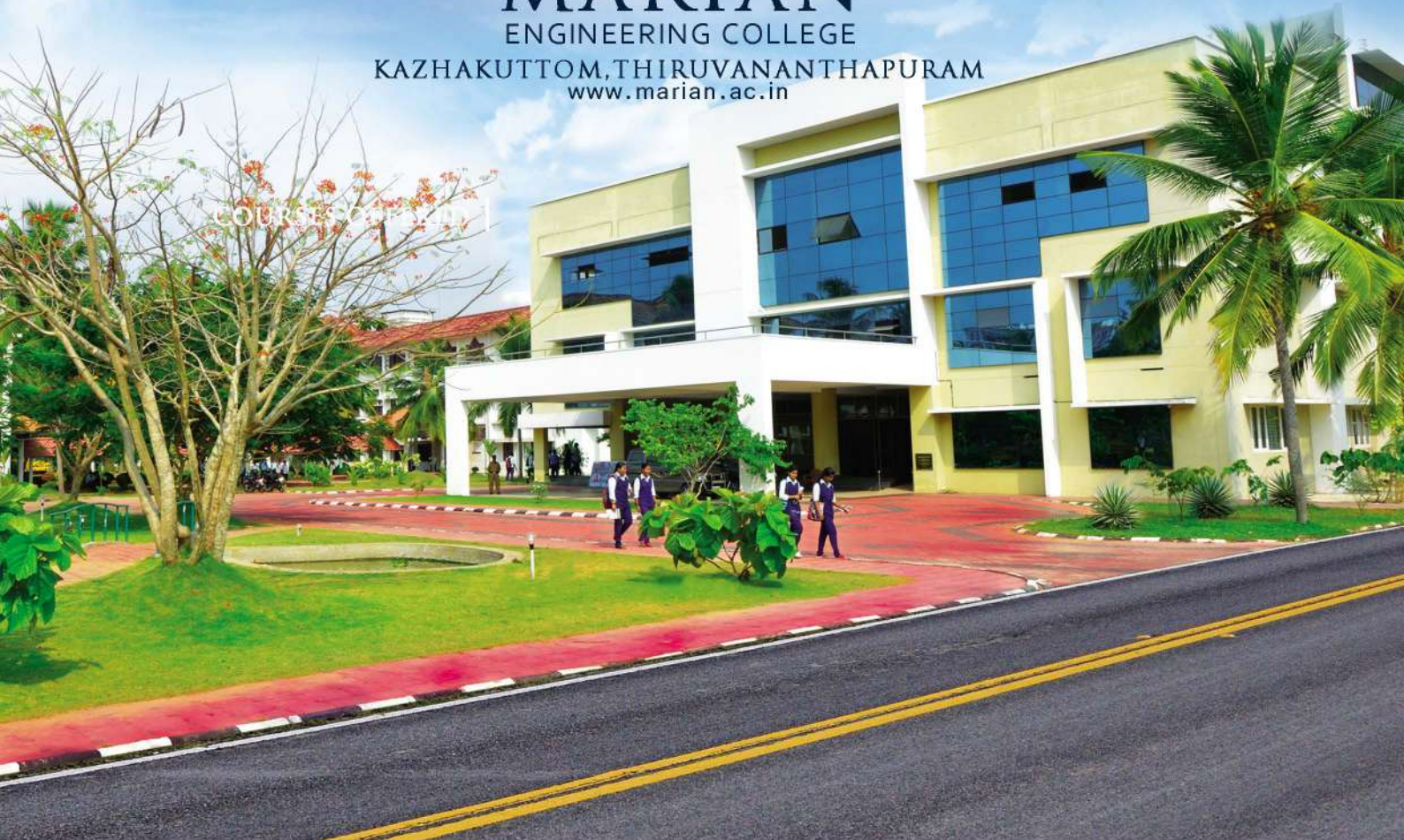
- **Organic Molecules Found on Mars:** NASA's Perseverance rover detected complex organic carbon molecules in Martian rocks, strengthening evidence that ancient Mars may once have supported microbial life.
- **World's Fastest Supercomputer:** China unveiled the world's fastest supercomputer, advancing capabilities in climate modelling, artificial intelligence, and scientific simulations.
- **Most Detailed Milky Way Image:** The European Space Agency's Euclid telescope captured an unprecedented image containing nearly **60 million stars**, providing valuable insights into our galaxy's structure.

‘ഭാണത്തിനൊരുക്കം, വിളവന്റെ വിസ്തൃതം’ എന്ന പദ്ധതിയുടെ ഭാഗമായി മനയൻ എല്യൂസിറ്റി ക്യാമ്പസിൽ നോൺ അഗ്രോ പാച്ചിന്റെ നേതൃത്വത്തിൽ 6 ഏക്കറിൽ ആരംഭിച്ച പുഷ്പക്കൃഷിയുടെയും വിദ്യാർഥികളുമാ യുള്ള സഹോദരത്തിന്റെയും ഉദ്ഘാടനം നിർവഹിക്കുന്ന മന്ത്രി കി.സിദ്ദിഖ്.



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Electrical & Computer Engineering (30 seats)
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Electronics & Computer Engineering (60 seats)
Mechanical Engineering (60 seats)

M.Tech

Geo Technical Engineering (18 seats)

MBA

(60 seats)

MCA

(60 seats)

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