CS *Chronicles*
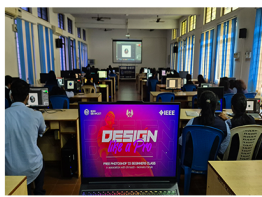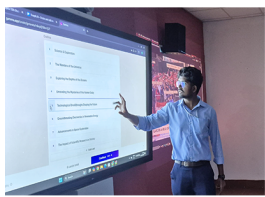
MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY

Anad, Nedumangad, Thiruvananthapuram,695544
An ISO Certified and NAAC Accredited Institution
Website: www.mcetonline.com

HOD's MESSAGE

I am pleased to know about the forthcoming issue of the News Letter of the Department of Computer Science & Engineering. Of course, this is an open forum, where the student community of MCET especially the students of Computer Science and Engineering and Artificial Intelligence & Machine Learning (AI & ML) can show case their hidden and creative talents in the form of literary presentations and technical writings. Being a professional institution, emphasis is being given to innovative ideas and the latest developments in technologies too. The work becomes more beautiful, when it is done in a disciplined environment with the academic activities in the college and every memorable event in the college days interwoven. I am sure that this Newsletter will be a source of inspiration and encouragement to all those who could not even be part of it, to come forward and present their creative talents and ideas in the days to come. I believe this News Letter would turn out to be a precious document that would preserve the creative talents and vision of the academics/students. I would like to wish the verbest for all those who are behind this endeavor.

Dr. P. Jayaprakash *(HoD,CSE)*

COMPUTER SCIENCE AND ENGINEERING ASSOCIATION-ACES

The Association for Computer Science Engineering Students (ACES) at MCET continues to foster technical excellence through competitions, expert talks, and hands-on training, ensuring students stay updated with industry trends. The inauguration of activities of ACES-2025 was held on 20th February and the inaugral adress was given by Hiron Bose, Joint Director, C-DAC where he talked about Cyber Security awareness. Dr. Philomina Simon (Assistant Professor, University of Kerala) gave a session on Advanced Driver Assistant system

After the inauguration of ACES, Tech Trivia, A two-stage technical quiz testing students' knowledge of computing concepts and emerging technologies was conducted. On the same day Code Quest, a Competitive coding event to enhance algorithmic and logical skills was held on 20th February 2025.

Fix It Frenzy, a Debugging challenge focused on error identification and efficient problem-solving was held on 19th February 2025.

CONGRATULATIONS!

Athira S and *Aravind S S* 2nd Runner-ups of Infosys Quiz Competitiom

➢Aadhidev MS from S6 participated in ACES'23 Quiz Competition (1st Prize), MEXSTREYAS Quiz Competition (2nd Prize), MEXSTREYAS Problem Solving Competition (2nd Prize), ACES'25 Quiz Competition (1st Prize), Illuminati'24 Quiz Competition (2nd Prize), Arts Fest Quiz Competition (2nd Prize), and Electrical Wiring Competition (1st Prize).

➢Anandu B Kurup from S6 was Designer for IEEE LINK (Kerala Level) 2024.

➢Ananya SS from S6 participated in Tug of War (1st Prize) and Thiruvathira (3rd Prize).

➢Aniga Suresh from S6 participated in 800 Meters (1st Prize), 400 Meters
(1st Prize), and Group Song (2nd Prize).

➢Aravind SS from S6 participated in Illuminati'24 Quiz Competition(2ndPrize),MEXSTREYAS Quiz Competition (2nd Prize), MEXSTREYAS Problem Solving Competition (2nd Prize), ACES'25 Quiz Competition (1st Prize), Debugging Competition (2nd Prize), Electrical Wiring Competition (1st Prize), Pencil Drawing Competition (1st Prize), and MIME Competition (1st Prize).

➢Fiza Shaheer from S6 participated in MCET Quiz Competition (3rd Prize)
and Group Song (2nd Prize).

➢Gautam SK from S6 participated in Quiz Competition (1st Prize) and Uriyadi (1st Prize).

➢Midhun Nair R. I from S6 participated in SPECTRA Space Quiz (2nd Prize), ACES Tech Trivia (3rd Prize), and Cyber Security Quiz by IEEE SB Mcet (1st Prize).

➢Naveen Dev from S6 participated in Quiz Competition conducted by ETERJA (2nd Prize).

➢Sameen Sardar S from S6 participated in ACES Tech Trivia (2nd Prize), SPECTRA Space Quiz (1st Prize). He is also the Designer for CS India Symposium under IEEE CS SYP Activities (India Level) 2025 and The Technical Coordinator for IEEE Computer Society Kerala Chapter(Kerala level) 2025 and he was the Designer for IEEE LINK (Kerala Level) 2024

➢Varun Vinod from S6 participated in ACES Tech Trivia (2nd Prize), SPECTRA Space Quiz (1st Prize), and is the Video Lead for IEEE Computer Society Kerala Chapter (Kerala Level) 2025

➢Abhijith R S from S4 participated in Freshers Day Mime (3rd Prize).

➢Abhinav R S from S4 participated in 4×100m Relay (1st Prize), Long Jump (3rd Prize), and Freshers Day Dance Competition (3rd Prize).

➢Abhishek A.S from S4 participated in Basketball Tournamen(Winner), 1500m Relay (1st Prize), and 4×400m Relay (1st Prize).

➢Adithya A from S4 participated in 400m (3rd Prize), 4×100m Relay (3rd Prize), Cross Country (6th Place), 200m (3rd Prize), 4×100m Relay (3rd Prize), and 4×400m Relay (2nd Prize).

➢A K Athish from S4 participated in Freshers Day Dance Competition (2nd Prize).

➢Amina N from S4 participated in Scultura Treasure Hunt (1st Prize).

➢Amritha Raj A R from S4 participated in Shot Put (1st Prize), 4×100m Relay (1st Prize), Javelin Throw (2nd Prize), 200m (3rd Prize), Cross Country (Under 15 Category), and Freshers Day Dance Competition (2nd Prize).

➢Anosha S S from S4 participated in 100m (3rd Prize), 4×100m Relay (3rd Prize), 800m (1st Prize), and Freshers Day Dance Competition (1st Prize).

➢Archa J S from S4 participated in Scultura – Treasure Hunt (1st Prize).

➢Asif A from S4 participated in Freshers Day Meme Competition (3rd Prize)

➢Bharath Krishna A L from S4 participated in 4×400m Relay (2nd Prize).

➢Chinmayi K from S4 participated in 4×100m Relay (3rd Prize), 800m (1st Prize),400m (3rd Prize), and 4×100m Relay (1st Prize).

➢Durga Sreehari from S4 participated in Freshers Day Debate (1st Prize).

➢Gautham S from S4 participated in Freshers Day Dance Competition (2nd Prize).

➢Karthik S R Nair from S4 won 1st Prize in Business Plan Competition at a 3-Day National Workshop, 1st Prize in Innospark Pitching Competition, and was the Winner of Logo Designing Competition, Gravity MCET.

➢Maanas R from S4 participated in Mime (College Arts Day) (1st Prize).

➢Manzoor M A from S4 participated in Mime (3rd Prize).

➢Pradakshin A S from S4 participated in Mime (3rd Prize).

➢Pravinraj S from S4 participated in Mime (College Arts Day) (2nd Prize).

➢Sahil Khan from S4 participated in Innospark Pitching Competition (1st Prize) and Debugging Competition ACES (3rd Prize)

➢Susanth S Nair from S4 participated in Discuss Throw (1st Prize), Javelin Throw (3rd Prize), and Discuss Throw (3rd Prize).

➢Yadhu Raj R from S4 won 1st Prize in Business Plan Competition at a 3-Day National Workshop.

At the 9th junior national mini golf championship held in Indore Madhya Padesh; Anagha S H of S4 CSA won gold medal in the women's doubles knockout category and bronze in mixed knockout category.

In the Senior National Mini Golf Championship held in Nagpur. Anagha S H also won gold medal in single' s stroke play and bronze women's doubles knockout.

S Gopika and team won the Nakshatra '25 Basketball Tournament organized by Saintgits College of Engineering and Technology, Kottayam

PLACEMENT STATUS

2025 Batch

➤Akshitha M Nair from S8 CSE has secured a placement at Allianz and Talrop

➤Devanarayanan J B from S8 CSE has been successfully placed at Talrop.

➤Gopika Krishnan from S8 CSE has secured a placement at EY.

➤Nidheesh Kumar S from S8 CSE has secured a placement at Tech Mahindra.

➤Sandra S Subash from S8 CSE has been successfully placed at Talrop.

2024 Batch

➤Abhishekh S J from S8 CSE has secured a placement in M Squared,Technopark Trivandrum.

➤Adarsh A S from S8 CSE has secured a placement in Score Academy.

➤Adithya D M from S8 CSE has secured a placement in Prochant.

➤Aiswarya M S from S8 CSE has secured a placement in Prochant.

➤Amna Rasak from S8 CSE has secured a placement in Green Orchid Software Solutions, Technopark.

➤Aswin Lal from S8 CSE has secured a placement in Blockflow.

➤Aswin Lal S from S8 CSE has secured a placement in Devdock, Toronto, Canada.

➤Hari Govind H S from S8 CSE has secured a placement in FirmSoft Solutions Pvt Ltd.

➤Manesh M S from S8 CSE has secured a placement in Polus Solutions.

➤Nikhil A S from S8 CSE has secured a placement in Alibi Global, Forensic Consultant in Kerala.

➤Nithin Raj N R from S8 CSE has secured a placement in Cloudveins.

➤Sandra S Nair from S8 CSE has secured a placement in Prochant.

➤U Aromal Vijay from S8 CSE has secured a placement in Prochant.

SCHOLARSHIPS

Aparna SS, Aparna Devi M, Abhirami JS secured a ₹50,000 scholarship each through a prestigious program IEEE Women In Engineering Funded by Quest Global. Their academic excellence and dedication have earned them this well-deserved recognition.

INTERNSHIPS

➤Aparna S S and Sadhika S K have gained a 2-month internship at Nissan Digital India LLP
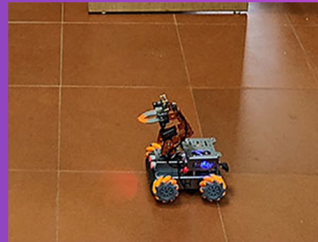➤Niranjana P K has achieved an internship at QSpiders.

FUNDED PROJECTS

➤"E-Blood Banking Applications" done by Niranjana P. K., Sarath R, Sandra S Subash, and Yasir Noushad.
➤"A Web Application for Real-Time Sign Language Translation and Communication" done by S. Sachin, Adithyan J., S Rishi Chandran, and Vishnupriya B. S.
➤"Indoor Navigation System Using Augmented Reality"
done by Aparna S. S., Aparna Devi M, Anirudh A, and Devanarayanan J. B.

TECHNICAL TALKS BY STUDENTS

➤Gopika Krishnan G talked about the topic "Making Sense of Blockchain Technology" on April 5, 2024.
➤Varun Vinod talked about the topic "Monopoly of Corporations Over Digital Software" on April 8, 2024.
➤Maneesh S talked about the topic "Green IT for a Sustainable Future" on April 1, 2024.

OPEN HOUSE EXIBITION

The Open House event was successfully conducted, showcasing innovative projects and research contributions by students. The event provided a platform for students to present their ideas, fostering collaboration and knowledge sharing. Faculty members, industry professionals, and visitors engaged with participants, offering valuable insights and feedback. The event highlighted advancements in various domains, emphasizing practical applications and problem-solving skills. Overall, the Open House served as a testament to the institution's commitment to academic excellence and innovation.

OUR TOPPERS

S Sachin from S8 CSE
with a CGPA of 9.42

Aparna SS from S8 CSE
with a CGPA of 9.21

Abhirami J S from S6 CSE-A
with a CGPA of 9.04

M A Nandana from S6 CSE-B
with a CGPA of 8.7

Devendhu U from S4 CSE-A
with a CGPA of8.48

Fathima H J from S4 CSE-B
with a CGPA of 8.12

Congratulations on your remarkable accomplishment! Wishing you even more success in the future

FACULTY ACHIEVEMENTS
PAPERS PUBLISHED

GEETHU LAKSHMI G
Published a paper named "Squeeze Inception V3 with Slime Mould algorithm based CNN features for lung cancer detection" in Biomedical Signal Processing and Control Journal Volume 100, Part C, February 2025, 106924. https://doi.org/10.1016/j.bspc.2024.106924. (Publisher: Elsevier)-SCI Journal

REMYA R S
Published a paper named "International journal of innovation research intechnology/journal no:47859-searching encrypted data using KNN algorithm. "

NISHADHA S G
Published paper titled 'An Indian Sign Language Recognizing System facilitating communication for individuals with special needs' in INCDAD 24 conference proceedings and got acceptance for publishing in Scopus indexed Journal

DIVYA S NAIR
Real Time Traffic Management By Traffic Density Monitoring With Deep Learning

ANSHA NISAR S
Published a paper titled "Local Directional Ternary Pattern for facial expression Recognition"

SANDRA RAJU
Published a paper named "A Reliable Method for Detecting Brain Tumors in Magnetic Resonance Images Utilizing EfficientNet" in International Journal on Emerging Research Areas,Volume 3, Issue 1, ISSN:2230-9993,DOI: 10.5281/zenodo.8013556

FACULTY DEVELOPMENT PROGRAMS ATTENDED

GEETHU LAKSHMI G
➢Attended 5 days Online workshop on "Machine Learning" organized by Centre for Artificial Intelligence, TKM college of Engineering ,Kollam from 12th August to 16 August 2024.
➢Attended 6 days online FDP on "Generative AI Models for Engineering Applications" conducted by Thiagrarajar College Of Engineering from 1st July 2024 to 6th July 2024.
➢Attended and successfully completed 5 days online FDP on the theme "Inculcating Universal Human Values in Technical Education" conducted by AICTE from 17th June 2024 to 21st June 2024.
➢Has participated and successfully completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Advanced Techniques in AI and Machine Learning" at College OfEngineering, Cherthala from 06/01/2025 to 11/01/2025.

GRADUATING BATCH OF 2025

REMYA R S
FDP/Workshop/seminar/conference attended:
➢Atteneded one day FDP on "E-TOOLS FOR RESEARCH" on sivaji college of engineering and technology on 22/01/2024
➢Attended 2 day faculty Induction program conducted by MCET on 21/7/24

MANOBA J P R
➢Attended 2 day faculty Induction program conducted by MCET on 12/2/2025

RAJI S R
➢Attended 2 day faculty Induction program conducted by MCET on 12/2/2025

GANGA AJI
➢Attended 2 day faculty Induction program conducted by MCET on 21/7/24

NISHADHA S G
➢International Conference on "Developments in Alzheimer's Disease Treatment and Early Intervention through Cutting Edge Technologies" (INCDAD 2024).
➢FDP on IT workshop, January 2025

DIVYA S NAIR
➢Workshop on Advanced Deep Learning held at Mar Baselious College of Engineering and Technology, from May 20 2019 to May 22 2019 conducted by leadingIndia.ai
➢National workshop on Deep learning held at Thiruvananthapuram from to 03/12/2018 to 04/12/2018 organized by Computer Society of India, Trivandrum Chapter.

ANSHA NISAR S
➢FDP on Internet of Things held at Muslim Association College of Engineering from 08/01/2024 to 12/01/2024

SANDRA RAJU
➢FDP on "Building Advanced Data Analytics Applications with cloud" which is organized by EdunetFoundation from 30-10-2023 to 3-11-2023.
➢One Week National level Online Faculty Development Program on Outcome Based Education and Essential AI Tools for Teachers, organised by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palaiin association with The Kerala State Higher Education Council (KSHEC)from 10 January 2024 to 16 January 2024
➢FDP on "Cyber Security and Forensics" organized byMangalam College of Engineering, Ettumanoor from 22 -01-2024 to 26-01-2024.
➢Attended 2-day faculty Induction program conducted by MCET on 21/7/24
➢Attended International Conference on Computational Intelligence and digital Technology on 3rd and 4th May 2024"

ADD ON COURSES

Our department introduced specialized courses in:

➢IoT & Robotics
➢Cyber Security
➢Computer Networks
➢Computer Hardware
➢Python & Data Science
➢AI & Machine Learning

EDITORIAL PANEL

Nishadha S G
Staff Editor
Associate Professor, CSE, MCET

Nikitha Felix
Student Editor, S4 CSE-B