



MAR BASELIOS CHRISTIAN
COLLEGE OF ENGINEERING & TECHNOLOGY
KUTTIKANAM, PEERMADE



COGNIZANCE

Volume 08 | Issue 1 | December 2024

PHOTO GALLERY





EDITORIAL TEAM

STAFF ADVISORS



Minimol Mathew
Asst. Professor
Department of CSE



Amal P. Varghese
Asst. Professor
Department of CSE



Reno Cherian
Department of CSE

STUDENT EDITOR

ABOUT THE DEPARTMENT

The Department of Computer Science laid its foundation stone in the year 2001 affiliated to Mahatma Gandhi 2015 admission onwards the UG course is affiliated to A. P. J Abdul Kalam Technological University, Trivandrum, Kerala. The Department of Computer Science and Engineering has always retained high standards and expectations for academic achievement. The department is equipped with infrastructure and facilities to match the very best in the country. The department remains committed towards its vision and mission. The department also takes initiative in conducting co-curricular and extracurricular activities along with the academics. The Department currently has twelve faculty members. Faculty members are highly qualified and exposed in specialised areas. The fast changing scenario in Information Technology necessitates the Department to actively extend its research and development activities that include the major areas of research in Computer Science. To enhance knowledge the Department frequently conduct technical invited talks, seminars, workshops and development programs. The Department has successfully setup an IoT Lab facility, under the IoT Research Group.



DEPARTMENT VISION

To become an excellent Department by empowering the graduates to address the challenges in the fast changing scenario, adhering to ethical values.



DEPARTMENT MISSION

- Inculcate skills to solve complex engineering problems and instill entrepreneurial capabilities.
- Equip the students to advance with the recent trends and technology through Research and Innovations in the field of computer science
- Facilitate the development of professional behavior, ethical values and the spirit of service to the society.

MESSAGE FROM THE HOD



Dr. Ushus Maria Joseph
Head of Department
Computer Science &
Engineering

It gives me immense pleasure to present this edition of our departmental newsletter. The Department of Computer Science & Engineering at MBC CET, Peermade continues to strive for academic excellence, innovation, and holistic development of our students.

Our department is committed to equipping students with strong theoretical foundations, practical expertise, and industry-relevant skills. Through quality teaching, hands-on training, workshops, technical seminars, coding competitions, internships, and collaborative projects, we ensure that our students are well-prepared to meet global challenges.

I am proud of the dedication shown by our faculty members in mentoring students not only in academics but also in research, innovation, and professional growth. The achievements of our students in university examinations, placements, technical events, and co-curricular activities reflect the collective efforts of our academic community.

We continue to strengthen our industry interactions and encourage participation in emerging areas such as Artificial Intelligence, Data Science, Cyber Security, Cloud Computing, and Full Stack Development. Our goal is to nurture competent engineers who are technically sound, socially responsible, and ethically grounded.

I congratulate the editorial team and students who have contributed to this newsletter.

Let us move forward together with determination, innovation, and excellence.



Organized alongside the HashitUp Hackathon on September 27, 2025, Project Expo 2025 was specifically designed to engage and inspire school students from Classes 11 and 12. The primary objective was to spark curiosity and create awareness regarding the transformative role of technology in shaping the future. By combining interactive learning with fun activities, the event provided a unique platform for school students to explore real-time projects developed by their college counterparts. These hands-on demonstrations offered a practical look at innovation, moving beyond theoretical concepts to showcase tangible technical solutions. A key focus of the day was fostering meaningful interaction, encouraging vibrant Q&A sessions, and promoting idea-sharing between the different student tiers. Through this collaborative environment, the expo aimed to inspire the next generation to think boldly about creativity in science and engineering. Ultimately, Project Expo 2025 served as a memorable and impactful experience, successfully bridging the gap between school-level education and the advanced world of technological innovation. This initiative broadened the students' academic horizons.



On February 28, 2026, at 3:30 PM, the Department of Computer Science and Engineering hosted SCIENCE IS FUN – The Brain Battle 2026 in the S8 CSE Classroom. Organized to celebrate Science Day, this inter-departmental quiz competition served as a dynamic platform where curiosity and high-level competition converged. Conducted by Prof. Amal P Varghese, the event challenged students from various disciplines to test their scientific knowledge and analytical skills in a battle for the top spot. The quiz not only fostered a spirit of academic excellence but also encouraged healthy competition across the campus, culminating in a cash prize for the winner. Ultimately, the event successfully highlighted the fun and engaging side of science, leaving participants inspired by the power of knowledge and inquiry. By integrating complex scientific concepts into an accessible and competitive format, the session bridged the gap between classroom learning and real-world curiosity. This execution reinforced the department's commitment to continuous learning and intellectual growth.

DEPARTMENT ACTIVITY



The Department of Computer Science and Engineering at MBC CET, Kuttikkanam, successfully organized HASH 2.0 on February 15, 2025, at the New Academic Block. Guided by the theme "Where Innovation Meets Celebration," the event served as a vibrant successor to its inaugural edition, uniting students, faculty, and industry experts in a showcase of technical and cultural brilliance. The day was packed with dynamic activities, ranging from robotics showcases and technical competitions to immersive gaming zones and tech experiences. A significant highlight was the keynote address by Guest of Honor Mr. Farhan Bin Fazil, CEO of Offenso Hackers Academy, who shared inspiring insights into the future of cybersecurity. The celebration reached its peak with an electrifying musical performance by the band Alttarnad, ensuring an unforgettable experience for all. Ultimately, HASH 2.0 stood as a testament to the CSE department's collaborative spirit, successfully blending high-level innovation with a rich sense of community and artistic expression. This successful execution not only strengthened the bond between academia and industry but also set a new benchmark for future departmental events.

The Department of Computer Science and Engineering at Mar Baselios Christian College of Engineering and Technology, Kuttikkanam, successfully hosted HashitUp 2025, a 24-hour national-level hackathon, on September 26–27, 2025. This premier event drew 300 students from diverse disciplines to develop impactful, sustainable, and socially relevant technological solutions. Without thematic restrictions, the competition encouraged bold innovation and collaborative problem-solving across 76 teams. The event was formally inaugurated by Principal Dr. V. I. George, alongside Vice Principal Prof. Elias Janson and Head of CSE Dr. Ushus Maria Joseph. Participants worked tirelessly to build prototypes using open-source tools documented on GitHub, receiving custom stickers and goodies as tokens of appreciation. Ultimately, HashitUp 2025 served as a high-octane platform for technical creativity, successfully bridging the gap between theoretical knowledge and real-world application.



STUDENT ACHIEVEMENTS

As part of the e-Yantra Innovation Challenge, an Ideation Workshop was conducted on 13 October 2025 at PSG Institute of Research and Applied Science, Coimbatore. **Amal Babu, Joel Thomas, Abin Binu, and Dennis Eapen**, students of Mar Baselios Christian College of Engineering and Technology (MBC CET), Peermade, attended the workshop and actively participated in the ideation sessions. The workshop provided valuable exposure to innovation frameworks, problem identification techniques, and entrepreneurial thinking, enabling the students to strengthen their understanding of structured ideation and prepare for further stages of the e-Yantra Innovation Challenge.



Joel John George, Jishnu Shaji, Sachu Biju –S6 CSE B **Ashwin Mathew, Dan Joseph Dias** – S6 CSE A have participated in the State-Level Ideathon conducted as part of IRIS'26 – CSE Association Day, organized by the Department of Computer Science and Engineering at Baselios Mathews II College of Engineering, Sasthamcotta, on 27th February 2026, and have secured Third Place for their outstanding performance among 24 participating teams.



In a stellar display of global innovation, a team of Computer Science students has secured the Global Connection Special Award (Senior Category) at the NASA Space Apps Challenge 2025 held at Amal Jyothi College of Engineering.

This prestigious honor was awarded to **Alan Thomas** (CSE), **Mathews Vinoy** (CSE), **Melvin Sabu** (CSE), **Bibin Raju** (CSE), **Elena Elizhiba Sony** (CSE AI), and **Sivani S** (CSE AI) for their outstanding achievement in leveraging technology to connect people across the globe. This victory marks a significant milestone for the CSE department.



Out of a staggering 4,000 participants from across Kerala, **Gifty K Abraham** has secured 2nd Place in the prestigious Tinker-Hack Project competition hosted by TinkerHub. This high-intensity platform is designed to bridge the gender gap in tech by fostering innovation, problem-solving, and technical grit among women and non-binary creators.

As part of ASTHRA 10.0, the National Level Annual Technical Fest hosted by St. Joseph's College of Engineering and Technology (Autonomous), Palai, the Operation-AI event was held on September 19 & 20, 2025, to showcase the technical expertise and strategic thinking of students in the field of Artificial Intelligence. **Sandesh V. Antony, Adhil Biju, Bharathkumaran R,** and **Devanandh P R** participated in the competition and secured the prestigious 1st Prize.



As part of the NASA Space Apps Challenge 2025, a global hackathon held to showcase the innovation of students across the world, a team from our department participated and secured the prestigious title of Global Nominees. The team consists of **Ashil S Mathews** and **Ashwin Mathews** from S5 CSE A, along with **Mathew Varghese** from S5 CSE B.



Out of 385 participants in the Senior English Category, Ms. **Priya Mary Abraham** (S3 CSE B) advanced through the elimination rounds to secure a place among the top 15 finalists. she showed exceptional oratory skills, earning 4th position along with a trophy and a cash prize of ₹10,000.



As part of the All Kerala KTU Athletic Meet, the 10,000m Walk event was held to showcase the endurance of student-athletes across the state. **Alan Thomas** participated in the event and secured a commendable 4th Position.



As part of Asthra 10.0, the flagship technical fest hosted by SJCET, the Prompt Crafting event was held to showcase the creativity and technical precision of students in the field of Artificial Intelligence. **S Subham** and **Joel Mathew David** from S5 CSE B participated in the competition and secured a commendable 2nd Position.

As part of Useless Project 2.0, a unique competition held to showcase the out-of-the-box thinking and creative engineering of students, **Ashil S Mathews** from S5 CSE A participated and his work was selected as the Winning Project.

Prof. Preethy Mol B

- Workshop on full stack development for S6 CSE B batch students

Prof. Joju N C

- Workshop on Mission AI Possible @St. Antonys public school, Anakkal

Prof. Amal P Varghese

- Attended 6 days Fdp on ML and AI algorithms
- Attended 5 days FDP on Teaching with impact Strategies for academic and organizational effectiveness organized by MBC CET PEERMADE
- Workshop on Mission AI Possible @St. Antonys public school, Anakkal
- Participated in five days FDP on " Foundation Tools & LLMs" organised by the Department of Computer Science and Engineering, ICET
- Assigned as Public Relations Officer (PRO) of the college

Prof. Minimol Mathew

- Participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI IN ACTION at AWH ENGINEERING COLLEGE from 15/09/2025 to 20/09/2025.
- FDP Cyber security for IoT using block chain.A cross technology Perspective by College of engineering Adoor

Prof. Jasmine George

- FDP on Research Paper writing and publishing organized by Government Degree College TUNI, AP in association With Learnix Thrive

Prof. Tinsa Sojan

- FDP Cyber security for IoT using block chain.A cross technology Perspective by College of engineering Adoor

FACULTY ACHIEVEMENTS

SPECIAL ACHIEVEMENT

Dr. Ushus Maria Joseph

The Department of Computer Science and Engineering celebrates a major milestone with the grant of a patent to Dr. Ushus Maria Joseph for a groundbreaking Phishing Attack Detecting Edge Device.

As cyber threats evolve, this patented technology shifts the defense to the network edge, identifying malicious activity in real-time before it reaches the end-user. By integrating hardware-level intelligence with sophisticated detection algorithms, the device provides a robust shield against zero-day phishing attempts. This achievement highlights our department's commitment to high-impact research. We congratulate Dr. Ushus Maria Joseph on this stellar contribution to the field of global digital security.

Dr. Ushus Maria Joseph

- Organized technical session on machine learning for S6 CSE students
- AICTE ATAL FDP on Advanced techniques in AI and ML
- Reviewer ICARECS2025-SRM University
- Attended 6 days Fdp on Machine learning and AI algorithms
- Technical talk-Road map to cloud computing
- MoU-Syennfo Solution
- Workshop conducted for S3 CSE students
- Mastering the steps foundations of algorithms
- Contributed a paper titled "Path coordination of autonomous drone swarms by multi-agent reinforcement learning" in the 2nd international conference on innovations in data science

- 5 day national level workshop on AI to big data organised by college of engineering karunagappally (IHRD)
- Webinar on Future-Ready Education in the Age of IoT organized by the IoT Society of India
- organised founders day celebration (coordinator)

Prof. Josmy George

- Attended 5 days FDP on Teaching with impact Strategies for academic and organizational effectiveness organized by MBC CET PEERMADE
- Workshop on Mission AI Possible @St. Antonys public school, Anakkal
- Organised add on course on java and python for 2nd year and 3rd year

Prof. Shilpa Rajan

- Workshop on introduction to ripes for S4 CSE A batch students
- Establishment of ITHUB-HIVE

Prof. Nissu Simon

- Attended 6 days FDP on Machine learning and AI algorithms
- AI-Driven Health Monitoring System for Rural Areas
- Published Department Newsletter 2024-25 Academic Year

Prof. Aryalakshmi R

- AICTE ATAL FDP on Advanced techniques in AI and ML
- Attended 6 days Fdp on Machine learning and AI algorithms
- Attended 5 days FDP on Teaching with impact Strategies for academic and organizational effectiveness organized by MBC CET PEERMADE
- Alumni talk organized
- EEE NBA visit general arrangements committee
- Workshop on full stack development for S6 CSE A batch students

BTECH TOPPERS



CHRISS PHILIP SAJI
CGPA 9.33



SHARON GEORGE K
CGPA 8.89



SAFAL N
CGPA 8.62



SHARION GEORGE
CGPA 8.51

SEMESTER TOPPERS



ARUNIMA MANILAL
S2 CSE A
SGPA 9.50



PRIYA MARY ABRAHAM
S2 CSE B
SGPA 9.32



ANJANA KRISHNA R
S4 CSE A
SGPA 9.14



SHARON ANNA REJI
S4 CSE B
SGPA 9.18



DHANAYA J
S6 CSE
SGPA 8.83

NPTEL CERTIFIED

Cyber Security and Privacy

Sadhana Sri S

Python for Data Science

Ashly Elsa Ajith

Introduction to Industry 4.0 and Industrial

Hridhya B

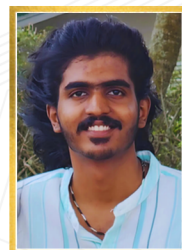
PLACEMENT BATCH OF 2021-2025



ABEL POTHEN
SUTHERLAND
TECHMAHINDRA



ABIN B PANICKER
RAYLAND
QSPIDER



ABIN JACOB
QSPIDER
SUTHERLAND



AFFIN JACHANKUNJU
AABASOFT



ALAN JOSHUA
IT PROFOUND



GRACE MARIA
AABASOFT



HARSHA MARIAM
SUTHERLAND
TECHMAHINDRA



JEESON JACOB
SUTHERLAND
IT PROFOUND



JERIN REJI
AABASOFT



JITHU RAJESH
AABASOFT



ALBI JOSEPH
MOVATE
ITPROFOUND



ALEN JOSEPH
IT PROFOUND



ALINA CHERIYAN
SUTHERLAND
TALROP



ALWIN GEORGE
SUTHERLAND
TALROP



ALWIN JACOB
QSPIDER
TECHMAHINDRA



JUVEEN DAVID
QSPIDER
SUTHERLAND



LIYONA JOHNSON
INFOSYS
TECHMAHINDRA



MEGHNA ANNA
INFOSYSIT
MOVATE



NEHA VARGHESE
SUTHERLAND
MOVATE



OLIVIA MARY
QSPIDER
SUTHERLAND



ALWIN VARGHESE
SUTHERLAND
IT PROFOUND



ANNMARIYA BENNY
SUTHERLAND
WISTRON



ANSAL PMATHEW
QSPIDER
SUTHERLAND



ARJUNN JOE SONEY
IT PROFOUND



ASHBIN K GEORGE
TECHMAHINDRA
USTGLOBAL



RIYA ROY
QSPIDER
SUTHERLAND



ROSHAN HARI P
IT PROFOUND



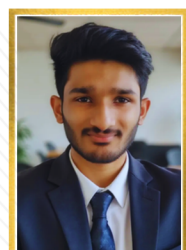
ROSHAN JOJI
IT PROFOUND



RYAN M GEORGE
TECHMAHINDRA



SAFAL N
IT PROFOUND



ASHISH SHAIJU
IT PROFOUND
INVENOO



ASHWIN JOHN
IT PROFOUND



ASMA KHADEEJA
TECHMAHINDRA



AVANY ABHILASH
AABASOFT



BASIL GEORGE
SUTHERLAND



SEBIN ANTONY
TECHMAHINDRA
SUTHERLAND



SHARION GEORGE
XTREME
PRERNA GROUP



SHINAS SHAJAHAN
WM SOLUTIONS
IT PROFOUND



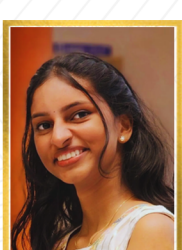
SIRIL SAM
SUTHERLAND



SNEHA JUSTIN
TECHMAHINDRA
SUTHERLAND



BINOBIN K BIJU
TECHMAHINDRA
SUTHERLAND



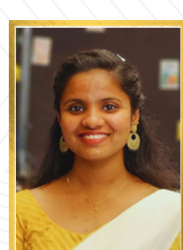
CATHARIN JOBY
INFOSYS



CHRISMA MARIAM
QSPIDER
SUTHERLAND



CHRISS PHILIP
USTGLOBAL
6D TECHNOLOGIES



EMILY ANNA KOSHY
SUTHERLAND
AABASOFT



STENI MARIAM
TECHMAHINDRA
SUTHERLAND



TIYA MARIA GIJI
MOVATE