MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

AUGUST 2026 – SEPTEMBER 2026 | ISSUE NO. 38

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

Department Bulletin

VISION

To be a Centre of Excellence in Computer Science and Engineering providing quality education and research for the betterment of the society.

MISSION

To impart sound knowledge in theoretical and applied foundations of Computer Science and Engineering, and to train the students to solve real life issues to effectively define and shape life.

SMART INDIA HACKATHON (SIH) PRELIMS 2026



The Smart India Hackathon (SIH) Prelims 2026 at MBCET brought together 39 teams comprising 234 students, marking a journey of learning, collaboration, innovation, and problem-solving.

The journey began with the first orientation session on July 24, 2026, led by **Mr. Anand Pillai**, Assistant Cloud Engineer at Insight, who introduced participants to the hackathon guidelines, evaluation process, team expectations, and the overall roadmap of the competition. The second orientation session, held on August 9, 2026, was led by **Mr. S. Abhilash**, Technology Engineer at Equifax Analytics Private Limited, who offered further guidance on the evaluation criteria and the key aspects to consider while developing solutions, and addressed the participants' queries.

The 12-hour SIH Prelims Hackathon followed on August 11 and 12, 2026. Teams worked intensively on their chosen problem statements, transforming ideas into innovative and practical solutions within the given timeframe. The hackathon fostered teamwork, creativity, technical problem-solving, and time management, while giving students hands-on experience in tackling real-world challenges and a true taste of one of India's largest innovation platforms.

Faculty Coordinators: **Mr. Praveen J. S.** & **Ms. Vinitha V. K.**, Assistant Professors, Department of CSE.

PhD AWARDED



Ms. Jisha Jose, Assistant Professor in the Department of CSE, guided by Dr. J. E. Judith from Noorul Islam Centre for Higher Education, successfully defended her thesis titled "Hybrid Deep Learning Model for Anomaly Detection in IoT Data".

MoU SIGNED WITH APPLEXUS TECHNOLOGIES



Mar Baselios College of Engineering and Technology (MBCET) signed a Memorandum of Understanding (MoU) with Applexus Technologies to strengthen industry–academia collaboration and create opportunities for knowledge exchange, skill development, training, internships, and industry-oriented learning for students and faculty.

The MoU was signed by **Ms. Liji Shibu**, General Manager – HR & Operations, on behalf of Applexus Technologies, and **Dr. S. Viswanatha Rao**, Principal, on behalf of MBCET. **Rev. Fr. John Varghese Palanilkunnathil**, Director, MBCET; **Dr. K. Muraleedharan Nair**, Dean (Administration); **Dr. Tessy Mathew**, Dean (Student Affairs); **Dr. Nisha G. K.**, Professor, EEED and IQAC Coordinator; **Dr. Nidhi M. B.**, HoD, MED; and **Ms. Prathibha S. Nair**, Assistant Professor, CSE, were present on the occasion, along with **Mr. Renjith Thampi**, Director, SAP Technology; **Mr. Gopakumar Ramaswamy**, Manager, Learning & Development; **Ms. Ganga S.**, Senior Faculty; **Mr. Harikrishnan Suresh**, Senior Executive, Employee Engagement; and **Mr. Sidharth B. S.**, Senior Executive, Internal Branding, from Applexus Technologies.

The collaboration aims to bridge the gap between academic learning and industry requirements through industrial exposure, internships, technical training, industry interactions, placement-oriented initiatives, and exposure to emerging technologies. It will also facilitate faculty–industry interaction, collaborative projects, and other mutually beneficial academic and professional activities, marking another significant step in strengthening the industry connect of MBCET.

CREATORS CUP 2026

Creators Cup 2026, Kerala's state-level 1v1 creative design tournament, was organised by the Computer Society of India (CSI) Student Branch, MBCET, under the Gen-E initiative, in collaboration with CareStack and ASAP Kerala, on August 8, 2026, at MBCET. The tournament gave creative design enthusiasts from MBCET and institutions across Kerala a competitive platform to showcase their creativity, design thinking, and problem-solving skills. The event received 67 registrations from across the state, from which 26 participants were shortlisted after an initial screening.

The programme began with the inauguration, followed by the Presidential Address by **Dr. Anne Dickson**, HoD, Department of CSE, and was graced by representatives of CareStack and ASAP Kerala. Entries were evaluated by a panel of industry professionals: **Mr. Thomson Joseph**, Senior UX Designer, **Mr. Thomas Mathew**, Senior Designer, and **Mr. Jay Simhan**, Senior Product Marketing, from CareStack; and **Mr. Anto Jose**, Associate Director – Talent Development & Employability Programs, **Mr. Anup G. John**, and **Mr. Sutosom Chakraborthy** from ASAP Kerala. Participants were also mentored by **Mr. Shibin Shibu**, Associate Software Engineer, Experion Technologies, and **Mr. Adlu Rahman**, Framework Engineer – SD, Quantiphi.

At the awards ceremony, **Mr. Manuraj** of **S7 EL** won the First Prize with a cash award of ₹10,000, while **Mr. Sabareesh P. R.** of **S7 CSE** won the Second Prize with a cash award of ₹7,000. Based on his overall performance across all rounds, **Mr. Devanandhan P. V.** of **S5 CT** emerged as one of the notable performers of the tournament.

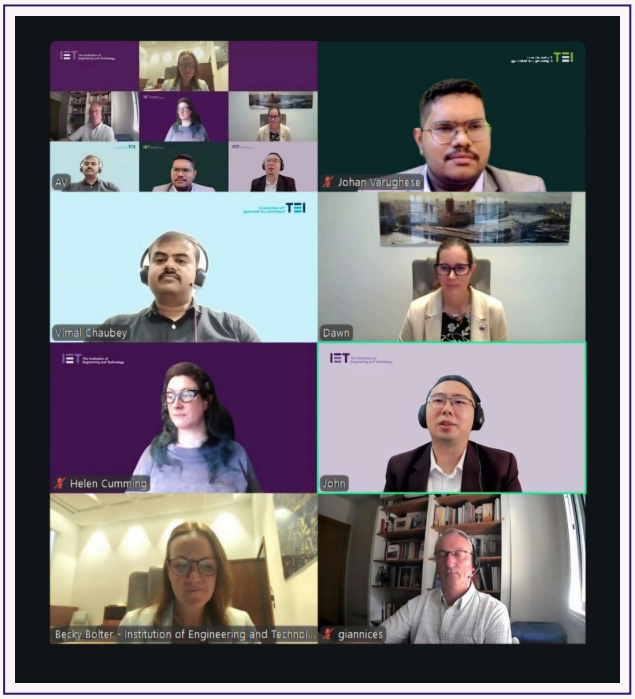
Faculty Coordinators: **Ms. Krishna L.** & **Ms. Diana Mathew**, Assistant Professors, Department of CSE.

RADIANCE 3.0: A RETRO-THEMED EXTRAVAGANZA



On September 12, 2026, the Computer Society of India Student Branch of MBCET (CSI SB MBCET) hosted RADIANCE 3.0, an engaging one-day event tailored for first-year students. Bringing together 64 enthusiastic participants, the retro-themed event struck a vibrant balance between technical learning and non-technical fun, fostering teamwork, creativity, and networking among the newest members of the MBCET community.

PANELLIST AT THE IET INTERNATIONAL FESTIVAL OF VOLUNTEERING



Mr. Johan S. Varughese of **S7 CT**, Chairperson of the IET MBCET Student Chapter, represented MBCET on a global platform as a panellist at the IET International Festival of Volunteering in London, UK. The session was conducted online and broadcast worldwide alongside an in-person audience in London.

At 21, Johan was the youngest speaker across the entire festival. He shared the panel with IET President **Ms. Dawn Ohlson** and a diverse group of professionals from the engineering and administrative sectors, offering insights on student leadership, volunteering, and nurturing young professionals to contribute to the core engineering sector.

NATIONAL WINNER AT HAC'KP 2026



Ms. Ganga B. Nair of **S5 CT** has been selected as one of the 50 national winners of *HAC'KP 2026*, the seventh edition of the flagship national hackathon organised by Kerala Police Cyberdome. Themed *"Agentic AI for Investigations: From Evidence to Intelligence,"* HAC'KP 2026 is a pan-India, multi-city cybersecurity innovation platform that brought together students, developers, and cyber professionals to build AI-powered solutions for real-world digital investigations. Running as a national call for talent from June to October 2026, the competition spanned city-level hackathons at premier institutions including IIT Palakkad, IIIT Kottayam, and Alliance University, across eight specialised technical tracks, with winners selected after mentor-led product development and evaluation.

As a national winner, Ganga has been invited to the four-day winners' gathering at Crowne Plaza, Kochi, along with special entry to the *c0c0n 2026* conference, where selected teams present their solutions to senior police chiefs, national security leaders, and cyber experts.

ALUMNI TALK ON “CAREERS IN AI”





The Department of Computer Science and Engineering, in association with ACE, organised an invited talk on *“Careers in AI”* on September 18, 2026. The session was delivered by **Mr. Amal Joe R. S.**, an alumnus of the department (2019–2023 batch), who is currently an AI Research Engineer at IBM Research and holds an M.Tech in Computer Science and Engineering from IIT Bombay.

Mr. Amal shared his academic and professional journey and his experiences in AI research and development. His AI project, VisionCoder, won First Prize in Meta’s OpenEnv Hackathon 2026, competing against thousands of participants from across India, lending further relevance to his discussion on emerging opportunities in the field. He offered practical guidance on building strong technical skills, undertaking meaningful projects, pursuing higher studies and research, and meeting industry expectations. The interactive session was highly informative and inspiring, giving students a clearer understanding of the diverse career pathways in Artificial Intelligence.

INIT BY ACE MBCET







INIT – Initialise Your Journey, organised by ACE MBCET on August 19, 2026, was a fun-filled induction event conducted by the students of **S7 CS** and **S7 CT** to warmly welcome the first-year students of the Department of Computer Science and Engineering. Packed with interactive games, exciting team activities, a vibrant talent show, and plenty of laughter, the event created a friendly atmosphere that helped the freshers connect with their seniors and begin their college journey with enthusiasm and unforgettable memories.

LAB ON WHEELS AT MBCET



Mar Baselios College of Engineering and Technology (Autonomous) hosted the *Lab on Wheels* initiative, organised by ASAP Kerala in collaboration with Infosys Springboard, on September 7, 2026. Lab on Wheels is a bus equipped with laptops, internet connectivity, 3D printers, and Industry 4.0 STEM kits, designed to give students access to emerging technologies through hands-on learning. Around 45 students from the ECE, EEE, and CSE departments took part in the programme. Through interactive demonstrations and practical activities, the students gained valuable exposure to modern technological tools and applications, connecting theoretical knowledge with practical experience.

Faculty Coordinator: **Ms. Prathibha S. Nair**, Assistant Professor, Department of CSE.

FACULTY AS RESOURCE PERSONS

AT SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING







As part of the B.Tech First Year Induction Programme at Sree Chitra Thirunal College of Engineering, **Dr. Tessy Mathew**, Professor, and **Ms. Indu V.**, Assistant Professor, Department of CSE, handled sessions on *"Universal Human Values (UHV)"* on August 18 and 19, 2026.

AT LBS INSTITUTE OF TECHNOLOGY FOR WOMEN





Dr. Merlin George, Assistant Professor, Department of CSE, and IEEE Senior Member, served as the resource person for the session *"Blockchain Unlocked: Understanding the Technology Behind Trust,"* organised by the FOSS Club in association with the IEEE Kerala Blockchain Group on July 31, 2026, at LBS Institute of Technology for Women (LBSITW), Poojappura. The session offered a beginner-friendly introduction to blockchain technology, covering its fundamental concepts and real-world applications in cryptocurrency, finance, cybersecurity, and other emerging domains.

AT UGC–MALAVIYA MISSION TEACHER TRAINING CENTRE



Ms. Diana Mathew, Assistant Professor, Department of CSE, served as a resource person for an expert lecture on *"Radio-Genomics in AI,"* organised by the UGC–Malaviya Mission Teacher Training Centre (MMTTC), University of Kerala, on July 18, 2026, as part of the Refresher Course on "Integrating Artificial Intelligence in Academic Excellence and Research for Science Faculty – Tools and Techniques".

HANDS-ON WORKSHOP ON “BUILD, DEPLOY & SCALE”



The FOSS Club of the Department of Computer Science and Engineering conducted a hands-on web development workshop titled “Build, Deploy & Scale” on September 9, 2026, for the students of **S5 CT**, offering practical exposure to the various stages of full-stack application development. The sessions were led by **Ms. Meharuniza Nazeem**, Research Associate, Language Technology Division, ICFOSS, Thiruvananthapuram, and **Mr. Adithyakiran A. S.**, System Analyst, Audio Realities, Ernakulam, who provided hands-on guidance and industry-oriented insights into building, deploying, and scaling full-stack applications.

Faculty Coordinator: **Ms. Gauri Shree V. K.**, Assistant Professor, Department of CSE.

FIRST PRIZE AT “BATTLE OF BANDS”



A band comprising **Mr. Seby Toms** (Alumnus), **Ms. Aromal M. Ashok** (**S7 CS1**), **Mr. S. Sabarinath** (**S7 CS2**), **Mr. Joseph George** (**S7 ME1**), **Mr. Joseph Benedict** (**S7 CT**), and **Mr. Noel Noble** (**S3 EC2**) won the First Prize at the “Battle of Bands” held at Loyola College, Sreekariyam, on September 11, 2026.

BEST DELEGATION AWARD AT SCT MUN

MBCET won the *Best Delegation Award* at the SCT Model United Nations (SCT MUN), with its students earning several individual delegate awards across committees. **Ms. Megha** (**S3 EC1**) won the Best Delegate award in CCC, while **Ms. Niya** (**S3 CT**) was adjudged Best Delegate in UNHRC. **Ms. Maria** (**S3 CT**) received a High Commendation in CCC. In the UNW committee, **Ms. Richa Rose Alex** (**S3 CS1**), **Ms. Hanan** (**S3 CE2**), and **Ms. Anasooya** (**S3 CT**) received Honourable Mentions, while **Ms. Dhiya** (**S1 EL**) received a Verbal Mention. The collective achievements of the delegates earned MBCET the Best Delegation Award, reflecting their outstanding performance and active participation.

SILVER MEDAL AT NATIONAL KARATE CHAMPIONSHIP



Ms. Herin Mary Tiju (**S5 CT**) secured the Silver Medal in the Kumite +62 kg event (18+ category) at the Shotokan Cup National Karate Championship held at VKN Menon Indoor Stadium, Thrissur, on September 12, 2026.

TWO SILVER MEDALS AT THE DISTRICT ATHLETICS MEET 2026



Mr. Deon Dileep of **S5 CT** participated in the 70th District Athletics Meet 2026 and secured Silver Medals in both Shot Put and Discus Throw.

RUNNERS-UP IN KTU A-ZONE INTER-COLLEGIATE BADMINTON



The MBCET women's badminton team, comprising **Ms. Shiyona Mary Dcruz** (**S5 EC2**), **Ms. Akshaya B. S.** (**S3 EC2**), **Ms. Ziya S.** (**S3 CS2**), **Ms. Sivani S.** (**S1 EC2**), and **Ms. Anagha A. V.** (**S1 CE2**), secured the *Runners-Up* position in the APJ Abdul Kalam Technological University A-Zone Inter-Collegiate Badminton Tournament held at the College of Engineering Trivandrum on September 24, 2026.

NEWLY JOINED FACULTY



Ms. Asha Liza John
Assistant Professor, Department of CSE



Ms. Mithra Viswanadhan
Assistant Professor, Department of CSE

FDP ATTENDED

• **Dr. Tessy Mathew** (Professor, Department of CSE), **Dr. Jisha John** (Professor, Department of CSE), and **Dr. Jesna Mohan** (Associate Professor, Department of CSE) participated in the three-day Faculty Development Programme on “Generative AI” conducted by the ICT Academy of Kerala in collaboration with Infosys Springboard, from August 5, 2026 to August 7, 2026.

• **Ms. Asha S.** (Associate Professor, Department of CSE) successfully completed the one-week ISTE-BNY Knowledge Enhancement Programme for Faculty on “Internet Crime, Human Society and Advanced Cyber Security Practice”, organised by Toc H Institute of Science and Technology, Ernakulam, from July 6, 2026 to July 11, 2026.

• **Ms. Priya G.** (Lab Instructor Grade I, Department of CSE) participated in the one-week Faculty Development Programme on “Digital Forensics”, held in hybrid mode from July 20, 2026 to July 25, 2026, and organised by the Department of Computer Science and Engineering (Cyber Security), School of Engineering, Dayananda Sagar University.

• **Ms. Priya G.** (Lab Instructor, Department of CSE) also participated in the five-day National Level Faculty Development Programme on “Social Entrepreneurship and Sustainable Innovation”, organised by IEDC, Mahaguru Institute of Technology, from August 17, 2026 to August 21, 2026.