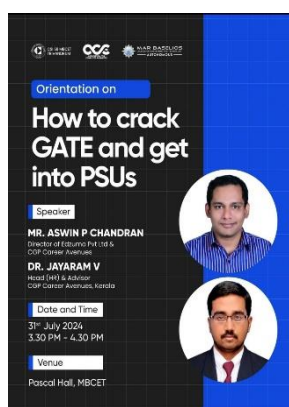


CSI SB MBCET REPORT (2024-2025)

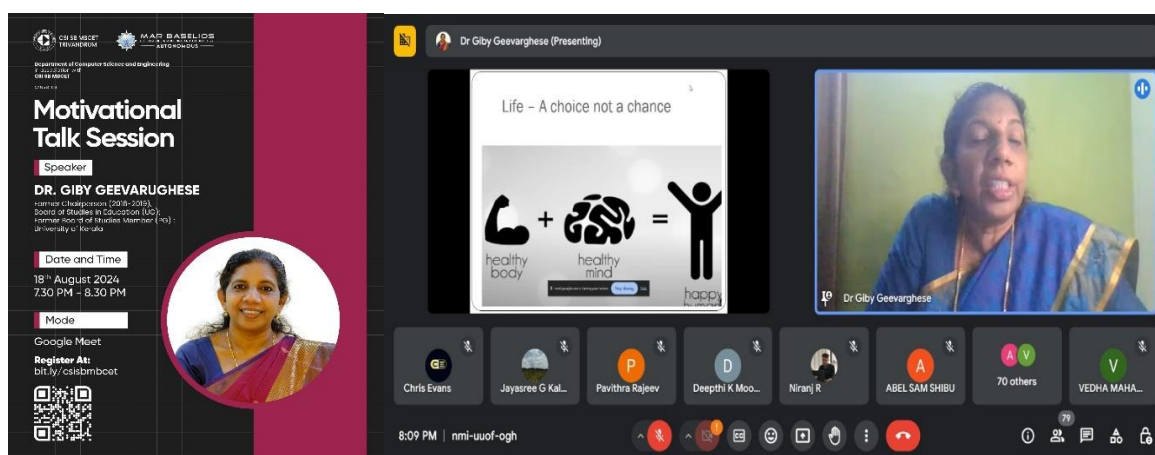
1.How to crack GATE

An engaging and informative session on "How to Crack GATE and Get into PSUs" was conducted / hosted at Pascal Hall. The event featured distinguished guests, Mr. Aswin P Chandran and Dr.Jayaram V, who shared valuable insights with aspiring engineering students. Their talks emphasized the significance of the GATE exam and the myriad opportunities it opens up. The event concluded with an interactive Q&A session. Attendees posed specific questions related to GATE preparation strategies, higher studies, and internship opportunities. Both Mr. Aswin and Dr. Jayaram provided detailed, personalized responses, enriching the overall experience.



2.Motivational Talk session

On 18th August 2024, an insightful motivational session was conducted online, featuring Dr. Giby Geevarughese, an esteemed Associate Professor of Psychology. Chris Thomas Abraham of S3 CS2 introduced the speaker, and the event saw active participation from students, faculty, and professionals, all eager to learn about personal empowerment and growth. Dr. Giby Geevarughese opened her talk by discussing the essence of self-empowerment, urging participants to let go of past regrets and focus on making wise, future-oriented decisions. She emphasized that true empowerment comes from within and is driven by the belief that individuals have the power to shape their own destinies. This message resonated strongly with the audience, reminding them that their past does not define their future, and the choices made today are what truly matter.



3.Radiance

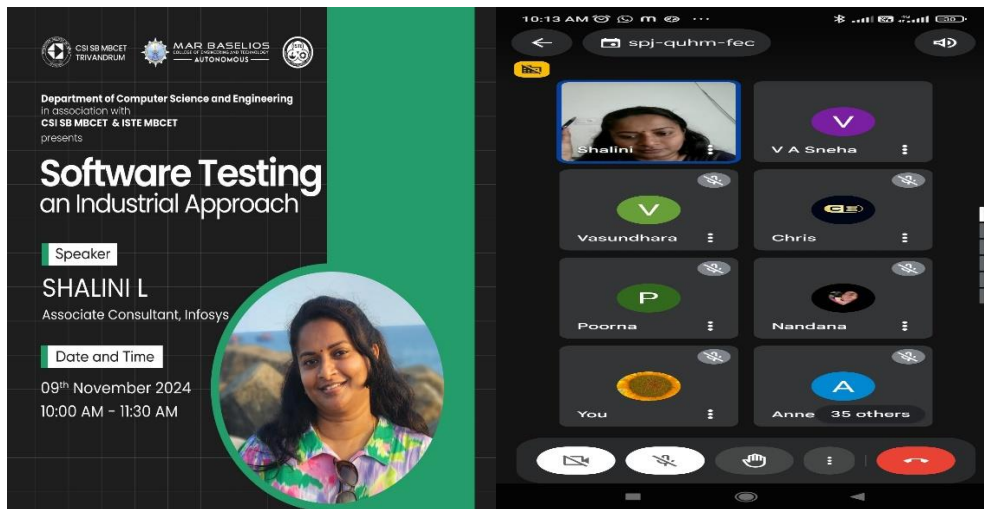
Radiance a one-day event conducted by CSI SB MBCET in association with the Department of Computer Science and Engineering exclusively for first-year students as part of the introductory session to professional body activities, was successfully held, providing participants with valuable insights and engagement opportunities.

The Radiance event commenced with enthusiastic first-year participants registering and receiving CSI merchandise, followed by a warm welcome and an ice-breaker bingo game to promote networking. Teams were formed for collaborative activities, starting with Scenario Enacting, which encouraged creativity and teamwork. A guest speaker session featuring seniors Varsha Renjith, Chris Dylan John and Adlu Rahman provided valuable advice, while the Brain Write & Presentation session allowed teams to brainstorm and present innovative solutions. After lunch, students participated in an exciting Treasure Hunt and a Themed Pictionary game. The event concluded with reflections on CSI's role in their professional development, prize distribution, and group photos, leaving a lasting impression on the first-year students.



4.Software Testing - An Industrial Approach

The Department of Computer Science and Engineering in collaboration with CSI SB MBCET & ISTE SB MBCET, organized an online workshop - “Software Testing: An Industrial Approach”, on 09th November 2024. This mandatory session for S6 students emphasized on the crucial role of software testing in the industry. The session was led by Ms. Shalini L, an Associate Consultant at Infosys. She shared her expertise on software testing and its industrial applications. She broke down and explained complex concepts using very simple examples, making the session relatable and understandable for all. Her patient and innovative approach to addressing students doubts created an engaging and interactive atmosphere, Ms. Deepthi K Moorthy & Ms. Poorna B.R. put in all their efforts to plan this event and ensured its seamless execution. Students praised the session as insightful, interactive and an excellent learning experience.



5. LensMaster'24

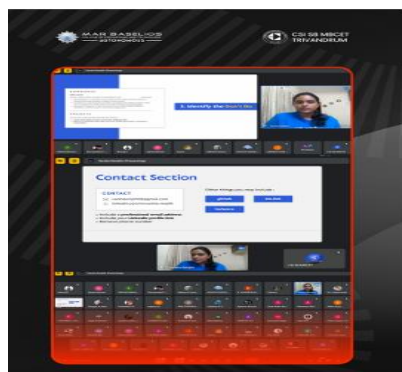
CSI SB MBCET organized “LensMaster 2024 : The Ultimate Christmas Photography Showdown” , a Christmas-themed photography contest to celebrate the festive season. This event aimed to provide a platform for students across different colleges to exhibit their creative talents. Open to all the students , regardless of colleges or field of study , the event encouraged participants to capture the magical moments of Christmas through their lenses.



6. KnackIt – Episode 1: Build Your Resume

KnackIt , a professional edge series , is an initiative launched by CSI SB MBCET to equip students with essential professional skills, ensuring they are well-prepared to present themselves in any professional sitting. The inaugural episode of KnackIt focused on one of the most important tools- Resume Preparation, an indispensable skill for career success. The main objective of the program was to help participants understand the significance of an ideal resume and how one could create it effectively. The session was led by Ms. Varsha Renjith, an accomplished alumna of MBCET , and a Data Engineer at Nissan Digital India. She was also an active member of CSI SB MBCET and served as the Chairperson for 2023-2024. She aimed to teach students the fundamentals of creating impactful resumes, highlight common mistakes, and provide strategies to position themselves effectively for professional opportunities. Ms. Varsha’s interactive approach , fueled by the wonderful presentation and

use of apt examples made the session interesting and engaging. Key topics included understanding the essential components of an ideal resume and learning the dos and don'ts of resume writing.



7.Engineering 101 - Game Development Workshop : Intro to Unreal Engine

Engineering 101, is a dynamic series of workshops designed to empower students by providing a platform to enhance their skills across various domains. The series was initiated to provide the students with a hands-on learning experience, ensuring they can gain practical knowledge. Through workshops, experts will equip the participants with necessary insights and opportunities to explore their interests. This series aims to cultivate well rounded engineers, skilled to excel in both academic and professional spheres. The “Game Development Workshop : Intro to Unreal Engine” was organized to provide the participants with foundational knowledge of game development and to introduce them to Unreal Engine. This workshop also offered the students basic understanding of game development, its scope and possibilities. By the end of the session, the attendees learnt the essential concepts of game development and gained an idea regarding all the work that goes behind creating a game. The session was led by Mr. Sabal Krishna S, an experienced professional in game development. He’s also an Ex-Partner Engagement Intern at GTech μ Learn, Ex-Community Intern at Banzan Studios, Game Development IG Lead & Projects Lead at GTech μ Learn. He provided an overview of the game development industry and highlighted the potential of this skill in today’s world. Participants were introduced to the application interface, basic concepts, assets and tools utilized in game development. Through step by step explanation he demonstrated material creation, simulation & animation. Through hands-on experience, timely doubt clearance & assistance, participants successfully gained practical insights into the foundation and principles of game development.



8.Encrypt - Ctrl + Alt + Secure

CSI SB MBCET in association with the Department of Computer Science and Engineering organized “Encrypt : Ctrl + Alt + Secure”, an online cybersecurity quiz competition, on 28th January 2025 to celebrate Data Privacy Day. This event aimed to raise awareness about data privacy, cybersecurity, privacy laws and cybercrimes while providing the participants an opportunity to test their knowledge in this evolving domain. The quiz was conducted online , via Quizziz , featuring 20 questions (MCQs). Participants had to compete against each other, testing both their accuracy and speed to secure a top spot in the rankings. The competition witnessed an overwhelming participation from over 110 students. The event recognized 10 winners across 2 categories : 1. Top 3 winners were regarded as the Podium Winners. 2. 7 other participants who secured a spot in the Top 10 were also recognized. Encrypt was a successful event that emphasized on the importance of data privacy and cybersecurity. All the participants were awarded with certificate of participation



9. KnackIt – Episode 2: LinkedIn Optimized

KnackIt, a professional edge series, is an initiative launched by CSI SB MBCET to equip students with essential professional skills, ensuring they are well-prepared to present themselves in any professional sitting. The second episode of KnackIt —LinkedIn Optimized, was organized by CSI SB MBCET in association with the Department of Computer Science and Engineering. This session was organized to help students utilize the full potential of LinkedIn, enabling them to present themselves effectively in the professional world and create a strong digital presence through personal branding. Led by Ms. Kesia Mary Joies, a dynamic alumni and a Product Engineer at UST, the session was both enlightening and engaging. She broke down the concepts associated with LinkedIn in simple terms, making it easy for everyone to grasp. She also emphasized on the importance of even the smallest profile enhancements. One of the key highlights was understanding how recruiters search for profiles and how individuals can strategically position themselves for better visibility. The session provided attendees with practical strategies to refine their profiles.



10. Motivational Talk Session: Exploring Theoretical Computer Science

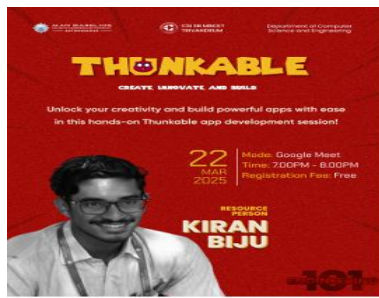
The Algorithms and Formal Methods Research Group of NIT Calicut, in collaboration with CSI SB MBCET and the Department of Computer Science and Engineering, MBCET, organized an exclusive session on Theoretical Computer Science for S6 CSE students on 7th March 2025. The session aimed to introduce students to computational research and inspire them to explore theoretical foundations in computer science. The session featured Dr. Ashwin Jacob and Dr. Renjith P, who shared their expertise on key research areas. Dr. Ashwin Jacob's discussion covered topics such as matching patterns in search engines, comparison of algorithms based on complexity and competitive ratio and their applications in targeted marketing, etc. Dr. Renjith P introduced graph theory fundamentals, explaining key terminologies and problem-solving approaches. He also highlighted NIT Calicut's

research facilities in the field. Through the engaging discussions and expert insights, students gained a deeper understanding of theoretical research methodologies, computational challenges, and research opportunities in the field. The session successfully encouraged students to delve deeper into theoretical computer science.



11.Engineering 101 - Thunkable Workshop

Engineering 101, is a dynamic series of workshops designed to empower students by providing a platform to enhance their skills across various domains. The series was initiated to provide the students with a hands-on learning experience, ensuring they can gain practical knowledge. Through workshops, experts will equip the participants with necessary insights and opportunities to explore their interests. This series aims to cultivate well rounded engineers, skilled to excel in both academic and professional spheres. The Thunkable Workshop was successfully conducted on 22nd March 2025 as part of the Engineering 101 Series by CSI SB MBCET, in association with the Department of Computer Science & Engineering. The session was held on the Discord platform from 7:00 PM to 8:00 PM in the evening. This insightful session was led by Mr. Kiran Biju, a 6th semester CSE student at MBCET, who is actively involved in various professional bodies and currently serves as the Treasurer of CSI SB MBCET. During the workshop, participants were introduced to Thunkable, a powerful no-code platform for building mobile applications. Mr. Kiran Biju provided hands-on guidance, making the session highly interactive and engaging.



12. Motivational Talk Session : Influence of AI in IT Industries

The Center for Computational Intelligence, in collaboration with CSI SB MBCET, organized an insightful Talk Session on the Influence of AI in IT Industries on March 28, 2025, at Pascal Hall, MBCET. The session was attended by around 150 students from S4 CSE and AI programs, offering them a valuable opportunity to explore AI's role in modern industries. The session featured Mr. Joseph Alex, Principal Technology Architect at Infosys and Mr. Arun Thomas, along with expert speakers, Mr. Roy M J, and Ms. Vidhya R C from Infosys, who shared their expertise in the domain. The session began with an introduction to AI, computer systems, and software. The speakers elaborated on the foundational pillars of AI and how AI is transforming industries. They also discussed practical ways to incorporate AI into projects, covering AI-driven development, testing, and deployment strategies. A highlight of the session was an interactive trivia segment, where students enthusiastically participated, answering AI-related questions.



13. Project Expo '25 : Dream | Build | Inspire

The Department of Computer Science and Engineering, in association with CSI SB MBCET and ACE MBCET, organized “Project Expo '25: Dream | Build | Inspire” on 01st April 2025 at Pascal Hall, MBCET. A total of 16 project teams from S8 CS1 and CS2 participated in the Expo, showcasing their innovative projects that addressed real-world challenges, demonstrating their technical knowledge, problem solving abilities and creative thinking. The projects were evaluated by esteemed industry professionals, Mr. Bhadran V K, and Mr. Praveen P. Their expert feedback and encouragement added immense value to the event. The judges emphasized the importance of client-focused development and shared insights from their own professional experiences, motivating the students to think beyond classroom learning. To recognize outstanding work, awards were presented to the best projects : 1. Best Project – CS1: Eclipse: A Semantic Image Search App by Abhinav Prakash, Abhishek S, Rhon S George, & Ritin George D. 2. Runner-up – CS1: E-voting using Blockchain by Jino B Sajeev, Nandakrishnan G D, Nandu Krishna M, & Vinu B Kurup . 3. Best Project – CS2: Traffic Signal Optimization using Hypergraph Networks by Jesny Jayan, Manu Bobby, Nithya Jose, and Shaun Joseph. 4. Runner-up – CS2: A Comprehensive Wifi Communication System with Voice, Texting and Collabn by Feba Mariam, Aravind JL, Johann Varghese, and Sam Peter

