

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.

NAMMADE VOTE – Digital Election Guide



The District Administration of Thiruvananthapuram has launched 'Nammade Vote', a digital election guide designed to enhance voter convenience and participation. Developed by **Mr. Johan S Varughese (S6 CT)** in partnership with the IET MBCET Student Chapter, the platform demonstrates the impact of student innovation on the democratic process.

The app offers a Live Queue Dashboard and Booth Finder for 230 booths, an AI assistant 'Vote Mithram' for election queries, and a Ballot Preview to help voters prepare. It also provides a Voter's Pledge with a digital certificate and a Volunteer Registration system, encouraging citizens to participate in election activities.

PROJECT EXPO



Project Expo 2026 of the Department of Computer Science and Engineering, organized by CSI SB MBCET in association with ACE MBCET, was held on 10th April 2026 at Pascal Hall, MBCET. Final-year CSE and CSE (AI) students showcased innovative projects focused on real-world problem-solving and emerging technologies



. The event was graced by **Mr. Bharath T. U.**, an AI Research Engineer at Rapid Innovation Labs (TCS – R&I). The exhibition provided a vibrant platform for students to demonstrate creativity, technical skills, and innovation.

MINI PROJECT EXPO

The Department of Computer Science & Engineering organized a Mini Project Expo for the pre-final-year students of the department, in association with CSI SB MBCET and ACE MBCET, on 27th April 2026 at Pascal Hall. During the event, the third-year CSE and CSE (AI) students showcased innovative projects focused on real-world problem-solving and emerging technologies.



The projects were evaluated by Mr. Pradeep Kumar P, Deputy Head, AVN, VSSC (Retired), and Mr. Aiju Thomas Kurian, Senior Consultant, Valorem, who served as the judges for the event.

Faculty Coordinators: **Ms. Lino Zachariah, Ms. Anjali S., Dr. Merlin George & Mr. Ramjith R. P.** (Asst. Professors, Dept. of CSE).

GATEWAY TO SUCCESS

The session titled “Gateway to Success” was successfully organized on 31st March 2026 at Pascal Hall by CSI SB MBCET, in collaboration with the Department of Computer Science and Engineering and ACE MBCET.

Mr. Samuel John (AIR 764), a distinguished alumnus of the 2021–2025 batch of the Department of CSE, was the resource person for the session. He provided valuable insights into the strategies and methodologies that contributed to his success in the GATE examination.



The programme was formally inaugurated by **Dr. Jisha John**, Head of the Department of Computer Science and Engineering, who set an encouraging tone for the event. The session witnessed active participation from over 50 students and was met with highly positive feedback.

COMPLETED INTERNSHIP AT RIKEN, TOKYO

Mr. Amaldev S. S., Ms. Diya Mathews, Mr. E. V. Jishnu, Mr. Henok Anil Anton, Mr. Harigovind S. B., and Mr. Gautham B. Cheraman of S6 CS2 completed a four-month Online internship with the Decentralised AI team at RIKEN, Tokyo. During the internship, the interns contributed to enhancing the Personary application, improving the user interface by adding undo/redo controls and refining hypernode navigation, creating a more intuitive and user-friendly experience.



NPTEL ELITE SILVER CERTIFICATION

Ms. Deepthi K. Moorthi & Ms. Lino Zachariah, Asst. Professors, Dept of CSE, completed an 8-week NPTEL course on *Cloud Computing and Distributed Systems* with Elite Silver Certification.

PARTICIPATED IN THE WORLD INTELLECTUAL PROPERTY DAY 2026 ORATION

Ms. Priya G., Lab Instructor, Dept. of CSE, participated in the World Intellectual Property Day 2026 Oration on the theme IP and Sports: Ready, Set & Innovate, organized by Patent Information Centre- Kerala (Pic-K) and Intellectual Property Rights Information Centre – Kerala(Ipric-K), Kerala State Council for Science, Technology & Environment on 27th April 2026.

“MACHINE MIND” – ONLINE WEBINAR FOR MTECH STUDENTS

The Department of Computer Science and Engineering, in association with the ISTE Faculty Chapter, MBCET and safcurl, organized a live online webinar titled "MACHINE MIND: From Face ID to predictions — how systems actually learn" on 9th April 2026 from 6:30 PM to 8:30 PM for S6 CSE and M.Tech students.

The resource persons were the co-founders of Safcurl, Mr. Aditya Sarath, Chief Executive Officer, and Ms. J. Haripriya, Chief Technological Officer.



Around 70 students actively participated in the session.

Faculty coordinators were **Ms. Poorna B. R.** and **Ms. Anjali S.** (Asst. Professors, Dept. of CSE).

SERVED AS EXPERT JUDGE

Dr. Tessy Mathew, Professor, Dept. of CSE, served as the expert judge for the evaluation of Final Year Projects for MTIC Awards (Marian Technology Innovation Contest (MTIC) -2026) held at Marian Engineering College, Thiruvananthapuram, on 31st March 2026.



SERVED AS REVIEWER

Dr. Anne Dickson, Assoc. Professor, Dept. of CSE, served as a reviewer in the Third International Conference of IEEE Kerala Section on "Trends in Engineering Systems and Technologies " (ICTEST 2026) organized by the Government. Model Engineering College, Thrikkakara, Kochi, Kerala, during 16-18 July 2026

SERVED AS RESOURCE PERSON FOR EXPERT TALK

Ms. Neethi Narayanan, Assistant Professor, Department of CSE, served as the resource person for the Knowledge Sharing Session on "Trust and Transparency: Explainable AI and Blockchain for Secure Clouds" organized by the Department of Information Technology, Noorul Islam Centre for Higher Education, Kumaracoil, conducted on 20th April 2026.





It highlighted the importance of trust and transparency in cloud-based intelligent systems, explaining how Explainable AI helps interpret AI decisions and how Blockchain ensures security, integrity, and decentralization in cloud environments.

PAPER PRESENTATION

Ms. Prathibha S Nair and **Ms. Vijitha Robinson**, Asst. Professors, Dept. of CSE, presented the paper titled “Learning EEG for Depth of Anesthesia Estimation Using CNN-Transformer Networks” at the 3rd International Conference on Computing Systems and Intelligent Applications (ComSIA- 2026), a Springer LNNS Approved conference which was organized jointly by Campus of Open Learning, University of Delhi, and Shaheed Rajguru College of Applied Sciences for Women, University of Delhi and Silicon University, Odisha on 20th & 21st March 2026.

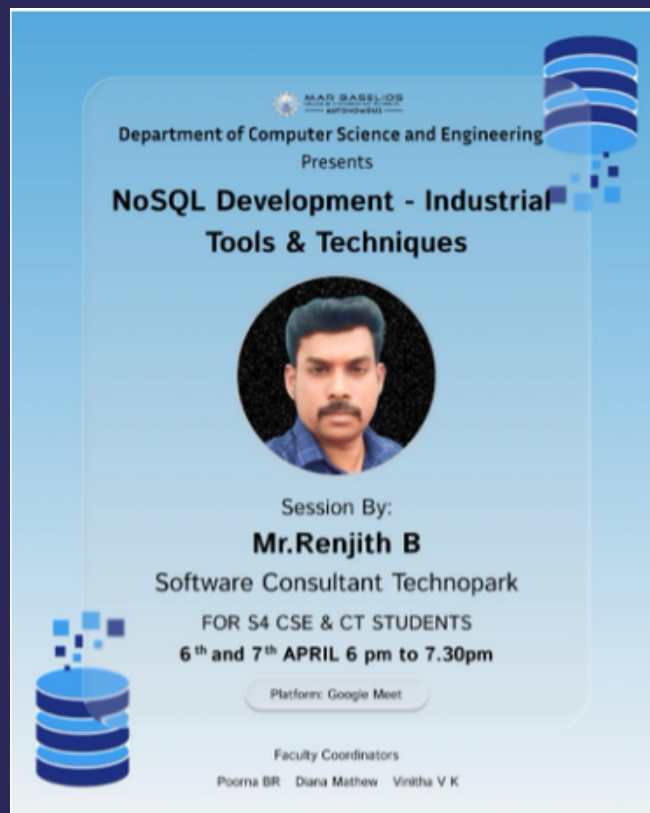
FDP ATTENDED

- **Ms. Renjitha Radhakrishnan & Ms. Rini Vijayan** (Assistant Professors, Dept. of CSE) participated in the Six-Day Faculty Development Program (FDP) on "Responsible AI in Interdisciplinary Applications", organized by the Department of Computer Science & Engineering, TKM College of Engineering, Kollam, in association with C-DIT, held from 11th to 16th May 2026.
- **Ms. Vinitha V K & Ms. Vijitha Robinson** (Assistant Professors, Dept. of CSE) participated in the Six-Day Faculty Development Program (FDP) on "AI for Academic Excellence: Transforming Teaching, Writing & Research", organized by the Department of Computer Science & Engineering, Baselios Mathews II College of Engineering, Kollam, held from 11th to 16th May 2026.
- **Ms. Poorna B R, Ms. Neethi Narayanan, Ms. Prathibha S. Nair, Ms. Anjali.S & Ms. Indu V**, Assistant Professors, Dept. of CSE, participated in the Six-Day International Faculty Development Program (FDP) on "AI in Healthcare: Data, Analytics, Ethics & Real-World Applications", organized by the Department of AI & DS, Jyothi Engineering College (Autonomous), Thrissur, Kerala, India, held from 20th to 25th April 2026.

MOOC COURSE COMPLETED

Dr. Tessy Mathew (Dean – Student Affairs & Professor, Dept of CSE) completed the 12-week NPTEL course by IIT Ropar on Deep Learning with Elite Certification.

SESSION ON NOSQL DEVELOPMENT



Department of Computer Science and Engineering, in association with CSI, ACE, and ISTE MBCET Faculty chapter, organized an online session on the topic NoSQL Development – Industrial Tools & Techniques on 6th and 7th April 2026. The resource person was Mr. Renjith B., Software Consultant, Technopark. Around 160 students from S4 CSE & CT participated. Faculty coordinators: **Ms. Diana Mathew, Ms. Vinitha V K, Ms. Poorna B. R.** (Asst.Professors, Dept. of CSE).

PRIZE WINNERS

WON SECOND PRIZE



Mr. Jetcin G. Jacob (S6 CT) and **Ms. Abiya George (S6 CT)** secured **Second Prize** in the B.Tech–M.Tech Project Competition conducted by the Indian Institute of Space Science and Technology for their project titled “Explainable AI for Medical Diagnosis”.

The project focused on the implementation of Explainable Artificial Intelligence (XAI) techniques in medical diagnosis to improve the transparency, interpretability, and reliability of AI-driven healthcare systems.

This was done as part of their Mini project guided by **Ms. Gaurishree V. K.**, Asst.-Professor, Dept. of CSE.

PRIZE WINNERS

SECURED FIRST PRIZE



Ms. Sherry Shaji Thomas (S2 CT)

participated in the 33rd State Tournament conducted by International Karate Alliance, Kyokushin Ryu and secured *First prize* for Kata and Kumite, held at Kollam, Punalur on May 17th , 2026.

SECURED SILVER MEDAL



Ms. Herin Mary Tiju (S4 CT)

secured a *Silver Medal* in the Takeshi Cup Karate Championship (18+ category event Kumite +68 KG) held at S.N Auditorium, Kottarakara ,Kollam, on 24th May 2026.