MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT ACTIVITIES

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.

FDP ATTENDED

Ms. Prathibha S Nair, Assistant Professor, Department of CSE participated in the One Week National Level Online Faculty Development Program on "Generative AI Models and Applications of Machine Learning" from 21-05-2024 to 25-05-2024 organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women(A).

Ms. Gayathri K. S. and Ms. Jisha Jose, Assistant Professors, Department of CSE has participated in the Five day online Faculty Development Program on "Unleashing AI: A Roadway to Intelligent Future", organized by the Department of CSE, College of Engineering, Perumon from 1 st April 2024 to 5 th April 2024.

FACULTY AS RESOURCE PERSON

Dr. Jesna Mohan, Associate Professor, Department of CSE served as resource person for the Faculty Development Program (FDP) on Deep Learning models and its application organized by Noorul Islam Centre for Higher Education on 21 May 2024.

CONDUCTED BoS

The seventh Board of Studies Meeting of the Department of Computer Science and Engineering was held on 26th March,2024(TUESDAY), 2.30PM at Pascal Hall/Online to finalize the second- year syllabi of the courses of B. Tech in CSE & CSE(AI) of 2023 curriculum, the third-year syllabi of the courses of B. Tech in CSE of revised 2020 curriculum and 2022 CSE(AI) curriculum.

External members Dr. Manoj B. S.(Professor, Department of Avionics, IIST, Trivandrum) , Dr. S D Madhu Kumar(Professor, Department of Computer Science and Engineering, NIT Calicut), Dr. John Jose(Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology Guwahati), Dr. Vishnukumar S (Associate Professor, Department of Computer Applications, CUSAT), Dr. Deepak Garg (Vice Chancellor, SR University & Director of leadingindia.ai and Director, NVIDIA-Bennett Center of Research on Artificial Intelligence), Dr. Hiran V. Nath (Assistant Professor in the Department of Computer Science and Engineering, NIT Calicut), Dr. Ansamma John(Dean (Research) , Department of CSE, TKM College of Engineering, Kollam(KTU Nominee)),. Mr. Sreedish P S (Software Engineer at Meta, England (Alumni Member)) and Dr. Brijesh Madhavan(CEO, Curvelogics Advanced Technology Solutions Pvt Ltd. (Industry Member)) attended the meeting.

ATTENDED THE INTERNATIONAL CONCLAVE

Dr. Tessy Mathew (Professor), Dr. Jesna Mohan (Associate Professor), Ms. Poorna B. R. and Ms. Vijitha Robinson (Assistant Professors), Department of Computer Science and Engineering, attended the International Conclave on AI and Robotics for Enabling Healthcare Singularity held on 21st April 2024 at Thiruvananthapuram.

PROJECT FUNDING

Ms. Devi Priya VS, Assistant Professor, Department of CSE and Dr.Sibi Chakkaravarthy S,VIT- AP is granted with a project funding of Rs 7.00 Lakhs from the prestigious Center for Hardware Security Entrepreneurship Research and Development (C-HERD), an initiative by the Ministry of Electronics and Information Technology (MeitY) and led by the Data Security Council of India in partnership with IIT Kharagpur and IIT Madras. She is the Co-PI for the project.

INVITED TALK

Department of Computer Science and Engineering in association with CSI SB and ACE organized a Talk session for second year and Third Year B Tech students regarding Higher Education Prospects in IITs after B Tech on 29/4/2024.Dr Venkatesh (Professor and Head, IIT Guwahati) and Dr. John Jose (Associate Professor, IIT Guwahati) were the resource persons.

Faculty Coordinators: Ms. Deepthi K Moorthy Ms.Vishagini V, Assistant Professors, Dept. of CSE.

PATENT SECURED

Dr Neena Raj N. R. (Assistant Professor, Department of CSE) and Dr. Shreelekshmi R., SPFU Director, DTE secured patent for their invention "Method And User Terminal For Determining Authenticity Of Image Data".

EXTERNAL EXAMINER

Dr. Tessy Mathew , Professor, Department of CSE was the external examiner for PhD public Viva-Voce at Mahindra institution, Anna University, Chennai on 22 nd March, 2024.

SESSION CHAIR

Dr. Neena Raj N R, Assistant professor, Dept. of CSE served as session chair for Second National Conference on Emerging Technologies in Smart Systems-NCETSS'24 which is organized by Marian Engineering College, Kazhakkuttom on 2nd May 2024.

ALUMNI ACHIEVEMENT

Mr. Amal Joe of CSE(2019-2023 batch) got admission for MTech in Computer Science and Engineering at IIT Bombay.

PROJECT EXPO

Project Expo for final years to demonstrate their final year projects were conducted by the Department of Computer Science and Engineering in association with CSI SB and ACE MBCET on 22nd April 2024 at Pascal Hall. The exhibited projects were evaluated by our chief guests, Ms. Kiran Mariam George, Associate Software Engineer Experion Technologies, and Mr Bharat Suchith,Lisec Austria Currently working as Lead Software Engineer at Dubai.Prize for best project was bagged by the teams Metaverse Tourism -C Rachana, Chris Dylan John, Sandhra Sanjeev, Varsha Renjith from S8 CS2 and Collevo-College Management Appp -Ben George Netto, Noel Varughese, R Sreelekshmi, Sanidh Idicula Vargheese from S8 CS1. **Faculty Coordinators:** Ms. Deepthi K Moorthy, Ms.Vishagini V Assistant Professors, Dept. of CSE.

PYTHON PROGRAMMING WORKSHOP

The Department of Computer Science and Engineering at MBCET, in partnership with UST, hosted a five-day Python programming workshop from October 9 to 13, 2023, attracting 50 third-semester students from various backgrounds. Seasoned speakers from UST covered topics such as Python UI development and MongoDB. A formal certificate distribution ceremony was held on May 7, 2024, honouring participants for completing the workshop.

Mr. Sthanu Kumar Ramakrishnan led the ceremony, with acknowledgments from Principal Dr. Abraham T Mathew and Vice Principal Dr. Viswanatha Rao.

Faculty Coordinator:

Dr. Priya Mariam Raju.

POSTER PRESENTATION

Ms. Angel T. John, Ms. Anna Biju Abraham, Ms. Anna G. Samuel, Ms. Vismaya C. P. (S6 CS2) & Dr. Jisha John, (Professor), Department of CSE, presented the poster titled "Enhancing Stroke Recovery: Rehabilitation with MRI & Predictive Modelling" at the International Conclave on AI and Robotics for Enabling Healthcare Singularity held on 21st April 2024 at Thiruvananthapuram.

VISIT TO CDAC

Dr. Jisha John, Dr. Tessy Mathew, Dr. Anne Dickson, and Prof Raju K Gopal along with students of computer science and engineering visited CDAC on 6th May,2024 for a discussion on the collaborative project work being done with MBCET. During the meeting, the potential areas of research and contribution of MBCET to the field of private 5G were explored, with a specific focus on the development of the 5G Core Architecture. The possibility of submitting additions to the 5G Core Architecture for standardization was also discussed.

DEFINE HACK

Department of Computer Science and Engineering organized Define Hack - a 24 hour Hackathon as part of Hash 2024, the inter-college technical fest . The event was conducted on 20th and 21st April 2024 which helped to provide opportunities for the students to come up with their innovative ideas. The main goal of the programme was to find solutions to real-world problems. There was a total of 136 participants from various colleges, in and outside Kerala. Students were mentored by a team of 13 mentors. Winners were selected by the judges from reputed companies like Google, TCS, Certa, Hubble Bubble, Unibotix Innovations, H&R Block and Qburst. The title sponsors were UST.MBCETAA (Mar Baselios Alumini Association), Devfolio,Polygon, Wolfram Language, Hover Robotics and Polygon. Student Co-ordinator: Ms. Neha Elizabeth Syam Faculty co-ordinators: Dr. Tessy Mathew and Dr. Anne Dickson.
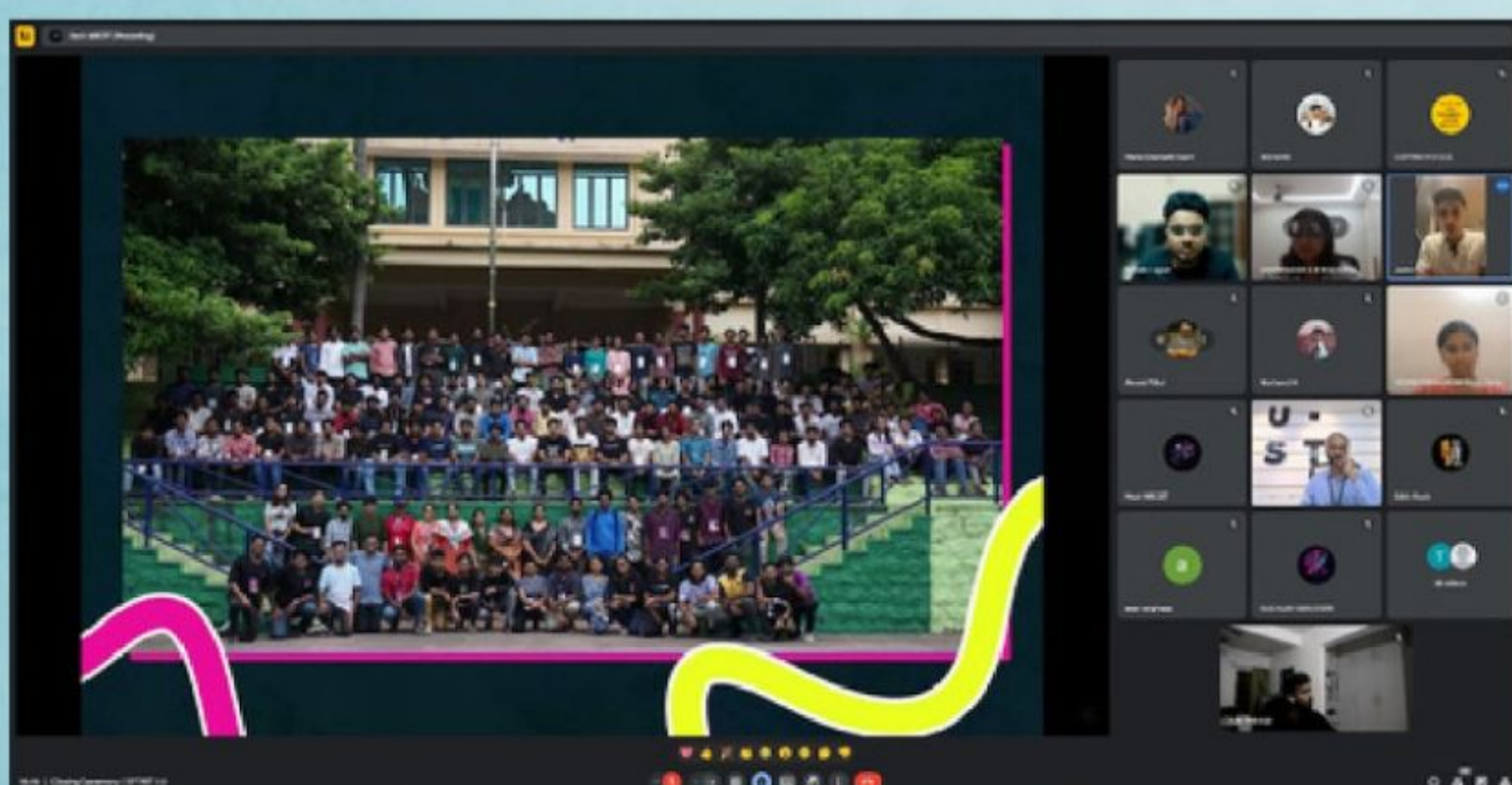

STAKE HOLDERS MEET

PTA meeting for S4 CS1 and CS2 was conducted on 4 th May 2024 at 10.00 am , at Pascal Hall and that of S4 CT was conducted on the same day at 9.30 am, at Senatus Hall. Parents interacted with Head of department, Class Advisors and Subject Teachers. There was a discussion on students' performance in individual subjects, discipline of students in classrooms. Parents' queries regarding student academics and other activities were answered. Suggestions towards students' improvement, and academic progress were discussed.

DEFINE HACKATHON-2024: WINNERS

The winners of Define Hack - a 24-hour Hackathon organized as part of the inter-college technical fest Hash 2024 by the Department of Computer Science and Engineering are declared. The Grand prize of Rs.20000/- was shared by Debug Dragons of Sri Eshwar College of Engineering, Coimbatore (Team members: Mr. Gopinath S., Mr. Prakash Kumar & Mr. Muthuvel A.) and Identifier Expected of MBCET (Team members: Mr. Anand Pillai, Mr.Kevin Abey Issac, Mr. Adithya Smitha Raj, & Mr. Shiv Sanjay). The winner of Software vertical was Code Crafters of Amrita Vishwa Vidapeetham (Team members: Mr. Tejas Gampawar, Ms. Aashraya Katiyar & Ms.Sneha Yadav), and team Code8 of MBCET (Team members: Mr. Navneeth Nair, Mr. Revand S, Mr. Nitish G Saji & Mr. Sijo Ajay) was the winner of Hardware vertical. The team Canftw of College of Engineering, Chengannurwon in the Design vertical (Team members: Mr. Reo George, Mr. Sourav U P & Ms. Jerishab M). The winners of each vertical were awarded with a cash prize of Rs. 10k.

FAMILIARISATION OF NOSQL DATABASE AND CRUD OPERATIONS

The Department of Computer Science and Engineering at Mar Baselios College of Engineering and Technology organised a session titled "Familiarisation of NoSQL Database and CRUD Operations on May 11, 2024. The session was delivered by Mr. Ajvid Haneef, Senior Research Fellow at NIT Calicut. The event garnered participation from students in the fourth semester, who found the session to be highly informative and beneficial.
Faculty Coordinators :- Ms. Gauri Shree VK, Ms. Merlin George , and Ms. Sreeja S R.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ONLINE SESSION ON

Familiarization of NoSQL Database and CRUD Operations

MAY 11,2024
7:00pm-8:00pm

For S4 CSE, CT Students

AJVAD HANEEF
Senior Researcher Fellow, NIT Calicut

Faculty Coordinators
Ms Gauri Shree V K
Ms Sreeja S R
Ms Merlin George

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