



PRINCIPAL'S MESSAGE

Some thirty years back the Ophthalmologist used a chart hung on the wall at a distance from my seat and the collection of lenses to check the power of my lens. The way was purely trial and error. After some years, the mirror and the chart came into use with the chart hanging above my head so that I can see the chart in the mirror. The mirror could save the space to take the measurements. Recently, when I went to an eye hospital, I couldn't find any chart hanging on the wall or a mirror. Instead, there was a small size monitor placed on the wall. The letters were displayed on the monitor and I was asked to read out. The personnel had subjected me to various measurements using an array of instruments. Computerization has become quite ubiquitous in the eye related treatment. Glaucoma is characterized by progressive optic nerve damage that causes progressive visual field (VF) defect, caused by diabetes, which eventually lead to blindness if left untreated (<https://www.nature.com/>). Computer based methods can give the information on the progress of this disease. Comprehensive health screening programs including screening fundus photography for early detection and prevention of major eye diseases are becoming more popular. Periodical screening is advisable. Perhaps AI and Data Science could become useful in the prognosis of vision related impairments and the treatment where engineers can contribute more and more.

Dr. Abraham T Mathew

BLESSING CEREMONY



The Blessing Ceremony of the newly upgraded 'Modelling and Simulation Lab' of ECE Department with 65 new high-end PCs was held on 20 November 2023. **Fr. John Varghese Palanilkunnathil**, Bursar and **Fr. Thomas Mukalumpurathu**, Assistant Bursar officiated the Prayer Ceremony.

NOVATOS – SEASON 3



On 18 and 19 November 2023, ISTE MBCET Student Chapter conducted Novatos, an event exclusively for freshers, with a theme based on the Netflix series Stranger Things. The event featured workshops on Technical upgrading as well as creative activities. Exciting events and activities, including pictorial, horror story act, quizzes and a prop show constituted the first day. On the second day, there was a treasure hunt in addition to a technical session led by a Resource Person.

Vision: To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

Mission: To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.

SITE VISIT TO KALLADA DAM



Students of S5 Civil Engineering have visited Kallada Dam and associated hydraulic structures- Ottakkal Weir and Pallamvetty Saddle Dam situated in the Thenmala region of Kollam district. Faculties of the Dept. **Ms. Akhila A M, Dr. Minu Ann Peter** and **Mr. Sreeju Nair S B** accompanied the students along with **Ms. Rintu Johnson** and **Ms. Sangeetha Sajeev** who coordinated the visit.

SESSION ON CYBER SECURITY



A session on "**Cyber Security**" was conducted by- Red team Hacker Academy, TVM at Pascal Hall for S5 CSE students on 14 November 2023, Faculty Coordinators: **Ms. Deepthi K Moorthy, Mr. Anand Haridas** and **Ms. Krishna L.**

KSEB POWER QUIZ



40 students participated in the College level Power Quiz organized by KSEB Officers Association on 21 November 2023. The College Level Winners **Deepak G Thomas** S5 EC2 (1st prize) and **Vinayak R K** S7 CS (2nd prize).

STUDENT ACHIEVEMENT



The students of MBCET got selected in the Top 100 coders competition organised by Gtech Mulearn in association with Kerala Startup Mission. During the Hackathon, they developed their software products and showcased them in the Huddle Global, India's Largest Beach Startup Festival held from 16 to 18 November 2023. They have placed themselves within the top 20k rank globally in the HackerRank platform. The members are **Aditya S (S5EC2), Amrithesh S (S5EC2), Prajwal Pramod (S5CS2), Abel Louis Fernandez (S1 CT)**. Faculty in-charge: **Mr. Arun J S**, Lead Enabler, Mulearn MBCET

CAREER GUIDANCE TALK



The Department of ECE organized career guidance session for S7 ECE students on 23 November 2023 by **Mr. Renju John**, Research Associate, A-Star Singapore. **Mr. Niyas. K. Haneefa**, Assistant Professor, ECED, coordinated the session.

FACULTY ACHIEVEMENT

Mr. Sherry Varghese George, Asst. Professor, Dept. of ECE, completed 12 week NPTEL course on "Introduction to Wireless and Cellular Communications" from July to October 2023 and obtained Elite + Silver certification (5% Topper)



ISTE NEWS**Children's Day**

On 14 November 2023 children's day, ISTE MBCET student chapter organized **Once Upon A Time**, a platform for students to recall their childhood memories.



In addition, a **Poster Designing Competition** on the theme 'Children, the Future of India' was held. Students from various schools around Thiruvananthapuram participated. Winners will be announced soon.

International Men's Day

On 19 November 2023, International Men's Day, the ISTE-MBCET SHE team decided to show their appreciation by giving flowers to **Mr. Melvin Jacob**, ISTE faculty coordinator, and ISTE executive committee students.



On the Men's day ISTE MBCET SHE conducted 3 engaging events as well. Silent Architect event provided a platform for girls and ladies to pay tribute



to the inspiring men behind their success. Lastly, the Letter from a Man event offered a space for men and boys to express themselves through articles or letters. The events were coordinated by **Haeba Sara Alexandar** S3 ECE 1, **Gaury Manu** S3 ECE1, **Gayathri S** S5 CS1.

Mindscape Winners

To mark the auspicious day of Kerala Piravi on 1 November 2023, Mindscape, an online quiz competition was conducted by ISTE MBCET for students. The competition received a wide acceptance. The following are the Winners of the 'Mindscape' Online Quiz Competition 1st place - **Krishna Prasanth** S3 CS1, 2nd place- **Akhila A R** S3 EC2 ,3rd place - **Akshaya S** S5 CE2

**ISTE News continue****Execom'23 - Core Committee**

ISTE-MBCET Chapter held their Executive Committee selection for the year 2023 from 7 September to 11 October 2023.

ISTE EXECOM Members for 2023-24

Faculty Coordinators: **Mr. Melvin Jacob** & **Ms. Soumya A V**, Mentor: **Rohan U S**, Chairperson: **Nandana T S** (S5CS1), Vice Chairperson: **Kiran Biju** (S3CS1), Joint Secretary: **Yash Chhalotre** (S3EL), Treasurer: **Riyanna Maria Abison** (S5CS2), Documentation Head: **Rhydu V Ajith** (S5 CS2), Social Media : **Jyothsna P Nair** (S3CT), **S.Aravind Krishna** (S3EE1), **Varun S** (S3 CS2), Design: **Athul V S** (S5EE), **Varsha Baiju John** (S3 CS1), Web Development: **Diya Sundeep** (S5 CS1), **Anna G Samuel** (S5CS2), Event Management: **Nandana S Krishnan** (S5CS1), **Nikita Anna Ajith** (S5CS1), **Niranjan Raj** (S3CE2), **Helen Susan Bejoy** (S3 CS1), SHE Head: **Haeba Sara Alexander** (S3 EC1), SHE Subheads: **Gaury Manu**(S3 EC1), **Gayathri S** (S5 CS1).

Final Dhamaka

ISTE MBCET Student Chapter organized an exclusive Cricket World Cup winner prediction quiz, "FINAL DHAMAKA" on 19 November, 2023. 4 students emerged as best predictors. The students are: **Parthiv Krishnan**, **Varun Varghese Jose**, **Adharsh Udayakumar**, **Sona Darshan**. Fr. John Varghese, Bursar conducted the draw to select the winner and **Parthiv Krishnan** S1 ME emerged as the winner.

IET NEWS



SHWETHA KRISHNAN SURESH
1st PRIZE - 2nd yr MBCET



SNEHA S S
2nd PRIZE -1st yr Amrita school of arts and science, Kochi Campus

The Children's Day Poster Designing Competition, organized by IET MBCET,

showcased incredible talent. **Shwetha Krishnan Suresh** (S3 CS1 MBCET) and **Sneha S S** (First-year student at Amrita School of Arts and Science, Kochi Campus) were the winners. The event was coordinated by **Abhishek S** (S5 CS2) and **Shreya Shelji** (S3 CS1).

INDUSTRIAL VISIT TO COGNIZANT



An industrial visit to **Cognizant Technologies**, a service based IT company, was organized for the third year students of the Department of Computer Science & Engineering on 15 and 16 November 2023. The purpose of the visit was to bridge the gap between academic knowledge and practical industry practices by giving students first hand experience with a service-based IT organization. The students were accompanied by the faculty members: **Dr. Tessa Mathew, Dr. Jesna Mohan, Mr. Praveen J S, Ms. Asha S, Ms. Jisha John** and **Mr. Shibu V S**.

IEI



An Awareness Aession on the largest multi-disciplinary Professional body of Engineers of India, The Institution of Engineers (India) [IEI] was given to EEE students of S1, S3 and S5 on 16 November 2023. The resource speaker was **Er. P. Balakrishnan Nair**, Chairman, Institution of Engineers. The session was coordinated by **Dr. Shalu George K**, Associate Professor, EED.

NPTEL COURSE COMPLETION



Dr. ELIZABETH C KURUVILLA Faculty of Civil Engineering Department successfully completed an 8 week course on Research Methodology with Elite Certification.

Aardram - FOOD DISTRIBUTION DRIVE



The members of Aardram (a social service wing from Mechanical Engg.) along with Faculty Coordinator **Mr. Akhilchandran B S**, conducted a Food Donation drive on 16 November 2023. 465 food packages were gathered, from the students and teachers of the College and distributed to the people at the premises of Trivandrum Medical College Hospital.

ONLINE HANDS ON SESSION ATTENDED

Ms. Syama S. Mohan and **Ms. Sruti Janardhanan**, Asst. Prof. (S & H) attended a 5-Day Online Hands on Session on Python for AI Level I: Foundation, held from 06 to 10 November 2023 conducted by MERIT in collaboration with Mathlab Research.



MBCET SENATE FOR THE ACADEMIC YEAR 2023-2024



JINU BABY
FACULTY COORDINATOR



ANUPAMA KRISHNAN
FACULTY COORDINATOR



SREEKANTH M R
CHAIRPERSON, S7 ME2



JULIA ALEX
VICE CHAIRPERSON, S7 CS2



NAMITA NAIR
GENERAL SECRETARY, S5 CS1



NICOL THERESA SUNNY
SPORTS SECRETARY
S7 CE1



AJAY KRISHNAN RK
ARTS SECRETARY
S7 ME2



ROHAN U S
MEDIA SECRETARY
S7 EE2



SOPHY MARIA JOY
MAGAZINE EDITOR
S5 EE

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CE REP., S3 CE2



ADLU RAHMAN M
CS REP., S5 CS1



SREELEKSHMI A S
CT REP., S3 CT



PARVATHY ANIL
EC REP., S7 EC2



BLESSY SMITHA DAS
EE REP., S5 EE



ADITHYA S PILLAI
EL REP., S3 EL



IHAN AHAMMED
ME REP., S3 ME



SUJA S
PG REP., M1 IOT

UNIVERSITY UNION COUNCILLORS



AMITH RAVISANKAR
UUC, S7 ME2



NEERA J PRABHU
UUC, S7 CE1

GIRL REPRESENTATIVES



ANUPAMA SIBY
GIRL REP., S7 CE1



SONA S
GIRL REP., S5 EC1



BHAVANA S MOORTHY
LADY REP., S3 CS2

CAREER GUIDANCE TALK

Mr. Renjith Gopan (2017 - 2021 ECE) has successfully completed Masters Program in Embedded Systems from Coventry University, UK and got placed at Anders Electronics as Embedded Development Engineer. He is also awarded with the Course Tutor's - Best performing Student Prize.

SPORTS AND GAMES



Sreenandan A of SI ME selected to the KTU University YOGA team



MBCET Yoga Men's Team bagged the second position in the APJ AKTU Inter Zone Intercollegiate Yogasana Competition held at Rajagiri School of Engineering and Technology , Ernakulam on 23 November 2023.



MBCET Chess Men team lifted the KTU (A - Zone) Intercollegiate Chess Championship Trophy and the Women's team got Fourth position in the competition organized by the Department of Physical Education, MBCET



Sports And Games continue



MBCET Chess Men and Women's team participated in the Inter Zone Intercollegiate Chess Championship held at Rajagiri School of Engineering and Technology organized by Department of Physical Education, KTU on 22, 23 November 2023



MBCET Women Basketball Team became the Champions of the APJ AKTU A-Zone Intercollegiate Tournament held on 19 November 2023 at Mohandas College of Engineering and Technology.



MBCET Chess Men Team won the KTU (A - Zone) Intercollegiate Chess Championship Trophy and the Women's Team Fourth position in the competition organized by the Department of Physical Education, MBCET



MBCET Table Tennis (Men) Team won third position and Women Team Fourth position in the Inter Zone TT competition held at GEC, Kannur.



Shuttle Badminton Men team secured third position in the A Zone Intercollegiate Badminton Championship held at Toss Academy.



Men's Basketball team lifted the A Zone Basketball Championship by defeating CET held at Mohandas Engineering College.



College Kabaddi Women Team won the Championship in the APJ AKTU A-Zone Intercollegiate tournament



MBCET Kabaddi Men team secured the third position in the A -Zone Inter Collegiate Kabaddi Championship held at VKCET, Paripally. Also, three of the students got selected to participate in the selection process to constitute the KTU Kabaddi team

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