



In Altum...

The MBCEET News Letter



Accredited by
NAAC
with 'A' Grade
since 2016

Mar Baselios College of Engineering and Technology (Autonomous)
Mar Ivanios Vidyanagar, Nalanchira, Thiruvananthapuram - 695 015.

College code : MBT

Five B Tech
Programmes
Accredited by
NBA
since 2016



Inauguration of the
College Day 2025-26



International Collaborations:
Students from Malaysia



Abhav R Nair S6 EL and
other Members of
Model UN 2026



MOU with UiTM Malaysia
Renewed



Receiving the Relevant
Startup Project Award



MOU between Offenso Hackers
Academy and MBCEET



Catalyst IEDC SALT Program



National Bootcamp on IoT Forensics

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.



Duc in Altum

*Pursuit of excellence
on the threshold of
the Silver Jubilee Year...!*



Honoring the Journey

Inspiring the Future

DIRECTOR'S NOTE....

Engineering today is dominated by AI driven development with AI models generating major portions and accelerating material science such as stronger aluminium alloys. The field focuses on sustainable energy, advanced robotics and automation. At

the same time there is a severe shortage of skilled talent. AI is rapidly shifting from a tool to a co-creator. It is predicted that AI will change the Engineer's role to a reviewer and refiner. This is a very subtle area where the human element can be at peril as automation and technology seem to dominate over the human nature, though the tools of technology and automation are the product of human brain. A shift towards sustainability and automation requires Engineers to focus on practical, and actionable skills rather than just theoretical knowledge. Despite great numbers of Engineers produced, there is a global demand for specialized talent. As the students of 24th Batch of B Tech Programme are moving out into the professional world, the students and all connected to academic world should think of constantly updating themselves and equipping themselves with sufficient skills coupled with theoretical knowledge. A chaotic and an uncertain world is awaiting you. So muster the moral and physical courage to face the challenges ahead. Best wishes to all of you.

Fr. John Varghese

PRINCIPAL'S DESK....

MBCET is successfully celebrating 24 years of relentless service in higher technical education, marking its entry into the 7th year of autonomy. The past few months have been vibrant with activities in all domains including academic, co-curricular and the extra-curricular. MBCET was ranked 12th this year by the Kerala Institutional Ranking Framework improving its position from 21 in the previous year. The College received the Best Exhibition Stall Award in Engineering College Category at the National Research Conference and Kerala Higher Education Expo organised during Feb 2026 in Thiruvananthapuram. The College has been recently recognised by AICTE as a UHV-nodal Centre for its contribution to value education. Supplementing the Teaching-Learning process, our Faculty have been actively contributing to research, presenting and publishing their findings in Conferences and Journals, as well as gaining new knowledge and skills through different Faculty Development Programs. The Faculty and Students have been very active in Professional Societies winning many accolades at individual levels and as Student Chapters. Giving great emphasis to holistic education, all the departments have organised extension activities through their societal wings in addition to the significant role played by the students of the College NSS Units. Students of the third B.Tech batch and the fifth M.Tech batch under autonomy will be graduating this year. We wish them the very best and sincerely thank all our stakeholders including parents and our industry partners for their continued support in our pursuit for excellence.

Dr. S. Viswanatha Rao

BURSAR SPEAKS....

As MBCET is completing 24 years of academic excellence and stepping into our landmark 25th year, we pause to honor the collective dedication that has defined our journey. This year is particularly historic as we celebrate the achievement of NBA Tier I Accreditation, a milestone made possible by the unwavering commitment and expertise of our esteemed faculty members. As we bid a proud farewell to our final-year students completing their four-year B.Tech degree, we carry their success forward as inspiration. With a legacy of two and a half decades behind us, we look forward to a bright and purposeful academic year ahead, continuing our mission of innovation and educational distinction.

Fr. Dr. Koshy Issac Punnamoottil

EDITOR'S NOTE....

The dawn of time had marked the existence of darkness beside the light. Cain, the first born of Adam, evolved as the embodiment of jealousy, which led him to the first fratricide. Even after two millennia, despite the evolution and development of cultures, fratricide continues. Even though science and technology enabled man to explore space, man continues to derive pleasure from mass killings.

Ego clashes and greed for domination lead to wars. Bertrand Russell pointed out that war is caused by the fear of a country that their neighbor would attack them. Before they conquer this country, it will attack the opponent and it will lead to war. War is big business today, controlled by weapon Industry. Are we turning the world into a new colosseum, it must be doubted. Despite the advancement of science and technology, will any scientist be able to contribute to the dissolution of ego, fear and jealousy. The Holy Week reminded us that it was the fear and jealousy of the Pharisees which led to the crucifixion of Christ. In this chaotic situation, if only we could chant after St Francis of Assisi, the Patron Saint of Ecology: "O Lord, make me a channel of your peace."

As MBCET reaches the threshold of its silver Jubilee, "In Altum..." the Newsletter completes the 15th year of its existence, the students of the 24th B.Tech Batch are moving out of the campus to encounter life

Best wishes to them! Adieu !

Dr. George Zacharia

UITM MARA MOU RENEWED

MBCET has renewed the MoU with Universiti Teknologi Mara (UiTM), Malaysia on 16 Jan 2026. **Prof. Dr. N. V. David**, College of Engineering, UiTM, Malaysia, **Fr. John Varghese**, Director and **Dr. S. Viswanatha Rao**, Principal, **Dr. Nidhi M. B.**, Prof. in ME, **Dr. Jayakumari J.**, Prof. International Liaison Officer, **Dr. Muralidaran Nair K.** Dean (Admin) & **Mr. Ayswer A. S.** Asst. Prof. in ME were present on the occasion.



MOU RENEWAL - NISH

Mar Baselios College of Engineering and Technology (MBCET) has renewed its Memorandum of Understanding (MoU) with the National Institute of Speech and Hearing (NISH), Thiruvananthapuram.

MOU BETWEEN OFFENSO HACKERS ACADEMY AND MBCET

A Memorandum of Understanding (MoU) was signed on 29 September 2025 between Offenso Hackers Academy, Trivandrum - an affiliated member of Kerala Startup Mission (KSUM) and Startup India, MBCET. This collaboration is aimed at ensuring effective implementation of programs and fostering skill development and career advancement in the field of cybersecurity.



TEAM VIDYUTH LAUNCHED THE MODEL ROCKET

The model rocket designed and built by Team Vidyuth from the Department of Electrical and Electronics Engineering, MBCET, was successfully launched on 30th October 2025 at Kushinagar, Uttar Pradesh, during the IN-SPACe Model Rocketry India Student Competition held from 26 to 30 October 2025. The event was organized by the Astronautical Society of India in association with ISRO. Team MBCET secured the "Excellent" Grade in the competition. Team Members: **Arunesh J. B.** (Team Lead), **Bharath Dharmendra**, **Allen B. R.**, **Nevin Thomas Thomas**, **Adarsh H.**, **Akash S. Gopinath**, **Geoffrey Kuriakose John** and **Dev Siddharth** (2021–25 Batch, EEE). Faculty Advisor: **Dr. Elizabeth Varghese**, HoD, Dept. of EEE and Faculty Mentors: **Mr. Aswin R. B.** and **Ms. Shyju Susan Mathew**, Assistant Professors, EED.



STUDENT ACHIEVEMENTS

Elvis Mathews Olickal S5 EL emerged as the winner of the **College Heats '25** organized by Institution of Engineering and Technology (IET), MBCET Local Network as part of Present Around the Local Network (PATLN) '25 on 10 October 2025 at the Aryabhata Hall.



MUN 2025

Abhav R Nair (S6 EL) chaired the World Bank Committee at the 6th edition of Model United Nations (MUN) 2025, held from 10 to 13 December 2025 at IIT Bombay, as part of E-Summit by E-Cell, Indian Institute of Technology, Bombay. The World Bank Committee hosted **Abhav R Nair** (Chairperson), **Subrat Lamichhane** (Vice Chairperson) from Nepal MUN Circuit and some of delegates from the Mumbai MUN circuit.

SESSION CHAIR IN IEEE CONFERENCE

Dr. Soumya A. V., Associate Professor, Department of EEE, served as Session Chair in the 5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT2025 jointly organized by Faculty of Advanced Technology and Multidiscipline, University Airlangga, Surabaya, Indonesia, Faculty of Engineering, Universiti Malaya, Kuala Lumpur, Malaysia & School of Electrical Engineering, Vellore Institute of Technology, Vellore, India.



1.98 MILLION KARMA POINTS — A BENCHMARK YEAR

In 2025, μ Learn MBCET set a new standard by achieving the highest-ever Karma Mining recorded by any campus in μ Learn Foundation's history. A total of 4.09 Million Karma Points are gained by MBCET so far.



RELEVANT STARTUP PROJECT AWARD

Karthik Raj, **Stevin Santhosh Baby**, **Adarsh Udayakumar**, and **Gagan G Kurup** of MBCET received the "Best Socially Relevant and Startup Project Award" for their project on converting waste cooking oil into biodiesel with an embedded system at Hack Arti Thon, conducted in coordination with AISSPACE, Aluva, Ernakulam.

SAE CLUB ACTIVITIES

TECHNICAL TALK

Technical talk titled “From Campus to Competitions: An Intro to SAE” was conducted on 15 September 2025. The invited speaker was **Er. Aswin K.**, Design Engineer at MRF



QUIZ COMPETITION

The SAE MBCET Collegiate Club conducted a college level quiz competition titled “Throttle and Think” on 23 September 2025.



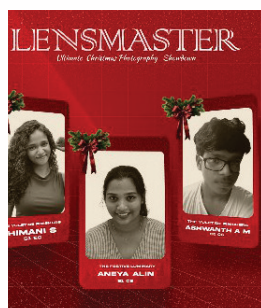
CSI STUDENT BRANCH ACTIVITIES

ENGINEERING 101: INTRO TO FIGMA

The “Engineering 101: Intro to Figma” workshop was conducted on 11th October 2025 at Pascal Hall. Resource Persons **Mr. Faizan Ahamed** (UI Designer, QBurst) and **Mr. Shahin Sadath** (UX Designer, QBurst).

LENSMASTER 2.0

“LensMaster 2.0 – A Christmas-themed photography contest held from 10 to 31 December 2025. The winners were **Aneya Alin** (Festive Luminary), **Himani S.** (Yuletide Finishers), and **Ashwanth A. M.** (Yuletide Finishers).



AI UNLEASHED : REALMS OF AI

“AI Unleashed” was organized as a multi-domain online AI competition conducted from 08 to 31 January 2026. 17 students participated. The winners were **Amritha A. K.** and **Ganga B. Nair** (Neural Canvas), **Roshan George Jim** and **Adithya Ajith S** (Script Shift), and **Aadith S. Dev** and **Vasundhara S. R.** (Think Trace).

KNACKIT: GITHUB ESSENTIALS

“KnackIt – Episode 3: GitHub Essentials” was conducted on 22 February 2026.

GOOGLE DEVELOPER GROUPS ON CAMPUS MBCET HIGHLIGHTS.

CLOUD QUEST

Technical sessions were delivered by **Jithin Rajesh** (Google Cloud Fundamentals), **Abin S. Manoj** (Web Development), and **Elvis Mathews Olickal** (Basics of Prompting LLMs). The event was coordinated under the guidance of **Dr. Merlin George** and **Dr. Neena Raj N. R.**

WINTER ARC

A two-month structured online learning initiative featuring, hands-on projects, and skill-based tasks in coding, AI, and problem-solving was held.

CONSTELLATIONS OF CODE

A GDGC × Microsoft Learning Program was held

WEEKLY LOUNGE @ MBCET

A weekly open talk and presentation platform conducted after class hours.

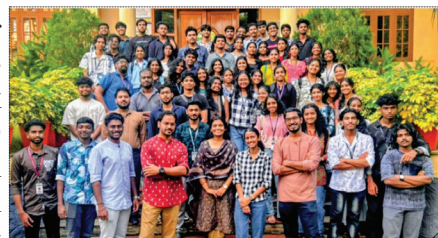
AI CLUB

- The OpenLabsAI Club organized a NotebookLM Workshop on 29 December 2025. The session was led by **Mr. Rohith N. S.**
- The club conducted a talk session also on User-Centered Design for Healthcare Technology on 07 January 2026.

ASME

WORKSHOP ON AUTODESK FUSION 360

ASME MBCET Students Chapter organized a two-day Autodesk certified CAD Workshop on Autodesk Fusion 360 for UG

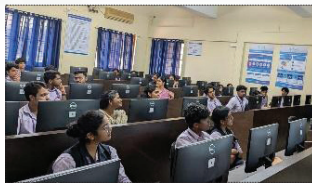


Mechanical Engineering students. The workshop was jointly organized by the ASME MBCET Chapter, ISTE MBCET Chapter, and Automata, in association with InterCad Systems Pvt. Ltd. Date: Jan 10 and 11, 2026. Venue: Software Labs, C-Block, MBCET. Around 82 UG students participated.

IEEE

DISTINGUISHED LECTURER PROGRAM

The IEEE Computer Society (CS) Student Branch of MBCET organized a Distinguished Lecturer Program featuring a hands-on workshop on “Cyber Forensics” on October 8th, 2025. The session was led by **Mr. Nabeel Koya A**, Scientist F, specializing in Cyber Forensics at CDAC, Thiruvananthapuram. 38 students participated in the workshop. The event was coordinated by the Student Coordinator **Ms. Blessy S. Catherine**, under the guidance of Faculty Coordinators **Ms. Lino Zachariah**, Assistant Professor (CSE), and **Dr. Lani Rachel Mathew**, Assistant Professor (ECE).



OBE WORKSHOP

The Department of Computer Science in association with IEEE CS and CSI organized an OBE workshop on ‘Java Development- An Industry Approach’ on 15 October 2025 for S3 CS1 students at Software Lab1. The workshop was handled by **Mr. Shibin Shibu**, Associate Software Engineer, Experion Technologies. Faculty Coordinator- **Ms. Lino Zachariah**, Assistant Professor, CSE.



CATALYST - INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER (IEDC)

- **Evening Cafe Edition 3 Episode 1** : The first episode organized by Catalyst IEDC on September 16, 2025, featured **Mr. Nikhil Chandran**, Founder & CEO of TILTLABS.
- **Inceptra VIII**: Catalyst IEDC and µLearn MBCET hosted Inceptra VIII, a two-day startup bootcamp from 27 to 28 September 2025, attended by 112 first-year students. Inaugurated by **Mr. Arun J. S.**, the event featured interactive workshops on startup. **Gautham Jais** and **Anasooya P. Nair** were awarded Mr. and Ms. Inceptra 2025 for their outstanding engagement.
- **Catalyst IEDC Dare2Build**: Catalyst IEDC organized Dare2Build, MBCET’s first Belief Capital Fund Pitching Event, on 08 December 2025, in association with Innove8orX, a startup founded by **Ms. Meenakshy B. S.** (Alumna, CSE 2023). Six teams from branches across MBCET participated,



presenting their innovative ideas. An orientation session was conducted on 6th December, prior to the pitching event. **Ms. Meenakshy B. S.**, **Mr. Hemadh B. S.** (Founders, Innove8orX), and **Mr. Raviraj** (Head, IT Implementation, DHL Dubai) shared their feedback. Best Presentation Award: Project E (**Niranj R, Sradhya Renish, Vasundhara S. R., Nayana Anna Binu** - S5 CSE) - cash prize of ₹5,000. Best Team Award: Orque Innovations (**Krishna Prasad, Aashish Shajahan, Rizwan Shajahan** - S7 CSE) – cash prize of ₹10,000. Student co-ordinators: **Mr. Faya Feroze** (S3 EL), **Ms. Ganga B. Nair** (S3 CS). Faculty co-ordinators: **Dr. Lani Rachel Mathew, Ms. Amritha B. J.**, Assistant Professors, ECED

• Catalyst IEDC SALT Program:

Catalyst IEDC, in association with the Outreach Cell, conducted the first edition of the IEDC SALT (Startup



Awareness and Leadership Training) program for school students at MBCET, 06 December 2025. Sessions on robotics, entrepreneurship, and leadership were led by **Mr. Vishnu P. Kumar** (ECE Alumnus, 2022), Co-Founder & CTO of Unibotix Innovations, and **Ms. Meenakshy B. S.** (CSE Alumna, 2023), actor, entrepreneur, and former CVO of Catalyst IEDC. 41 students from 12 schools in Thiruvananthapuram took part in the program. Student coordinators: **Ms. Ganga B. Nair** (S3 CSE), **Mr. Milind Krishna P.** (S3 EC). Faculty coordinators: **Dr. Lani Rachel Mathew, Mr. Shiras S. N.**, Asst. Professors, ECED

ASCE ACTIVITIES

COMMUNITY OUTREACH PROGRAM

As part of the community outreach activity of MBCET Student Chapter ASCE, in association with THANAL, organized a visit to Nirmala Shishu



Bhavan Orphanage on Saturday, 10th January. 14 student members and one faculty member participated in the activity.

KNOW YOUR ALUMNI – SESSION

On 12 January 2026, the MBCET Student Chapter of ASCE organized “Know Your Alumni – Session 2”, an online alumni interaction session via Google Meet. The session was delivered by **Ms. Arya Harikumar** (2018 batch), UX Designer at Shapes. UK, London.

MENSTRUAL HYGIENE AWARENESS TALK

The Menstrual Hygiene Awareness Session was conducted on 23 January 2026 at Senetus Hall, MBCET. The programme was jointly organized by **MBCET ASCE Engineering, ISTE SHE, and IEEE WIE**. The session was led by **Ms. Bhavana P. Menon, Founder of LOUD**, who delivered an interactive talk on the biology of menstruation, myths and taboos, health risks of poor hygiene.



HANDS-ON TRAINING ON OPEN-SOURCE GIS SOFTWARE

The MBCET Student Chapter of ASCE, Department of Civil Engineering, organized a workshop on “GIS for Civil Engineers”, delivered by **Ms. Anoja Anoop**, Senior GIS Analyst, KIIFB, Thiruvananthapuram, on 24th January.



AUTOCAD CIVIL 3D – TECHNICAL TALK SESSION

The MBCET Student Chapter of ASCE organized an online Technical session on AutoCAD Civil 3D on 31 January 2026. The session was handled by **Mr. Veeresh Mekala**, Senior Engineer, Sweco.

IGS STUDENT CHAPTER SITE VISIT

As part of IGS and CESA activities, 50 students from S6 Civil Engineering (CE1 & CE2) attended a site visit at Kariavattom on 06 February. Students observed borehole drilling. The visit was accompanied by **Dr. Lekshmi Chandran M** and **Ms. Diana Alice Sugunan**, with site coordination by the team from Aham Builders.



TRAINING SESSION FOR THE TECHNICAL STAFF

The Department of Civil Engineering, in association with IGS, MBCET, conducted a Training Session for the Technical Staff and Faculty handling Geotechnical Engineering lab course on 09 February. The session was handled by **Ms. Diana Alice Sugunan**, Assistant Professor, CED



IEEE SB ACTIVITIES

HANDS THAT SPEAK: INDIAN SIGN LANGUAGE WORKSHOP



On 03 October 2025, the IEEE Engineering in Medicine and Biology Society (EMBS) Student Chapter of MBCET organized “Hands That Speak”, a beginner-level Indian Sign Language (ISL) workshop. The session was handled by **Ms. Sherin Joseph**, Senior Office Assistant (Library), who demonstrated ISL alphabets, common signs, and simple conversational expressions. 17 students participated in the workshop, coordinated by **Malavika A (S5 CS)**, **Pavithra S S (S3 CS)**, and **Dr. Lani Rachel Mathew**, Assistant Professor, ECED.

JAVA DEVELOPMENT – AN INDUSTRY APPROACH

A workshop on “Java Development – An Industry Approach” was organized for the third-semester students of the Department of CSE to bridge the gap between academic learning and industry expectations. On 15 October 2025, sessions were conducted for S3 CS1 students at Software Lab 1 by **Mr. Shibin Shibu**, Associate Software Engineer, Experion Technologies, and for S3 CT students at the AI Lab by **Mr. Sam Peter**, Associate Software Engineer, Litmus7. The workshop was coordinated by **Ms. Lino Zachariah**, **Ms. Krishna L.**, and **Ms. Neethi Narayanan**, Assistant Professors, CSE. 180 students benefited from the program.

LECTURE PROGRAM ON ROBOT OPERATING SYSTEM (ROS)

On 16 December 2025, the IEEE Robotics and Automation Society (RAS) Student Branch Chapter at MBCET organized a Section Distinguished Lecture Program (SDLP) on Robot Operating System (ROS). The session was delivered by **Dr. Harinarayanan Nampoothiri M G**, Senior Robotics Engineer, Trizlabs. The session was attended by 79 participants, including 9 IEEE members and 70 non-IEEE members.

GREEN CANVAS – POSTER MAKING COMPETITION

As part of Energy Conservation Week, the IEEE Power & Energy Society (PES) Student Branch, in association with the IEEE PES Kerala Chapter, organized “Green Canvas”, a Poster Making Competition on 23 December 2025.

IGNIUM 2025 – IDEA PITCHING COMPETITION

The Idea Pitching Competition, conducted on 27 December 2025 as part of IGNIUM 2025, was organized by IEEE EMBS MBCET to encourage innovation and entrepreneurial thinking among students. The competition was evaluated by **Dr. Silpa P. A.**, Associate Professor, Adi Shankara Institute of Engineering and Technology, and CEO of Nanograph Pvt. Ltd.

WOMEN’S DAY 2026

Events conducted during Women’s Day Celebration Week 2026

• Talk on Mental Health

A talk on “Mental Health: Nurturing Her Mind, Celebrating Her Power” was organized by the Women’s Studies Unit on 4 March 2026 at Senatus Hall. The session was delivered by **Mr. Vinu Vijayan**, Counseling Psychologist and Social Worker, HLL Lifecare Limited. 90 students participated. Co-ordinators: **Ms. Teena Rajan** and **Ms. C. Sojy Rajan**.



• Talk on Rights, Equality and Empowerment for Women

An expert talk titled “Rights, Equality and Empowerment for Women” was organized by the Women’s Studies Unit in association with the Internal



Complaints Committee on 11 March. The session was delivered by **Adv. Reeya Susan John**, Assistant Professor, Mar Gregorios College of Law. Around 90 students attended. Co-ordinators: **Ms. Asha S.** and **Dr. Soumya A. V.**

• Visit to Poorna Sree Balika Sadanam, Thiruvallam

A visit to Poornasree Balika Sadanam, Thiruvallam was organized on 7 March 2026 by the Women’s Studies Unit to interact with the inmates and extend support to the institution. The visit was attended by **Dr. M. J. Jayashree**, President WSU, and **Dr. Sreedevi P.**, Member WSU, where essential supplies were handed over to the residents. The programme was coordinated by **Dr. Sreedevi P.**, Associate Professor, ECE, and **Dr. Nisha G. K.**, Professor, EEE.

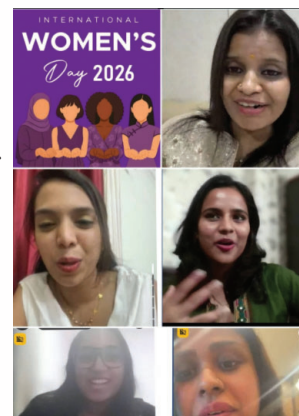
• Crochet Workshop

A Crochet Workshop was organized by the Department of Civil Engineering, Civil Engineering Students Association (CESA), ASCE and Women’s Studies Unit on 07 & 11 March 2026 at MBCET as part of the International Women’s Day celebrations. The workshop was conducted by **Dr. Manju Dominic**, Head of the Department of Civil Engineering, to introduce participants to crochet and promote creative skill development.



• Alumni Interaction

An Alumni Interaction programme on the theme “Give to Gain” was organized by the Women’s Studies Unit (WSU) and Alumni Affairs Cell of on 8 March 2026. The panelists included **Ms. Anakha Ajith** (M.Des., NIFT Bangalore), **Capt. Vishnu Priya Nair** (Indian Army), **Ms. Gayathri Krishnan** (IAS, Tamil Nadu Cadre), **Ms. Sredha Prem** (Mechanical Engineer, ASM America Inc.), and **Ms. Gowri Nandana T.** (Customer Service Associate, Federal Bank Ltd.), who shared insights on career development and personal growth. 48 participants attended. Co-ordinators: **Ms. Surasmi N. L.**, Assistant Professor, EED, and **Dr. Veena Nair**, Assistant Professor, S & H.



• A talk by a Woman Entrepreneur

A motivational talk titled “From Dropshipping at 16 to Building AI: What School Never Taught Me” was organized on 9 March 2026 to encourage entrepreneurial thinking among students. The session was delivered by **Ms. Meenakshi Bindu Suresh**, Founder and CEO of Innove8or. 75 students participated, and the programme was coordinated by **Ms. Sheenu P., Ms. Ann Mary Alex, Dr. Soumya A. V., and Dr. Sheryl Arulini.**



• Zumba Session

A Zumba session for staff members was organized on 9 March 2026 to promote health and well-being. The session was conducted by **Ms. Devika Santhosh.** Seven staff members participated, and the programme was coordinated by **Ms. Ruby Maria Syriac.**



• Exhibition-cum-Sale

An Exhibition-cum-Sale was organized by the Women's Studies Unit (WSU) of MBCET in association with the Student Senate and Staff Club on 13th March 2026 at MBCET. The event was inaugurated by **Fr. John Varghese**, Director, and accompanied by **Dr. Koshy Issac Punnamoottil**, Bursar, **Dr. S. Viswanatha Rao**, Principal, and **Dr. M. J. Jayashree**, WSU President. The exhibition highlighted a variety of creative works prepared by students and staff. The faculty coordinators were **Ms. Sabitha S. Nair**, **Ms. Manju Sreekumar**, and **Ms. Vichithra V. R.**, and the student coordinator was **Ms. Laya Mariam Mathew.**



DEPARTMENT OF CIVIL ENGINEERING

APPOINTED AS HOD

Dr. Manju Dominic, Professor, Dept. of CE, has been appointed as the HoD, with effect from 20 November 2025.



FACULTY AS RESOURCE PERSON

- **Dr. Neethu Roy**, Professor, Dept. of CE, Dean (R&C), served as the moderator for the panel discussion conducted after the seminar on “Sustainable Highway Construction Practices: Introducing RAP”, organized by the Kerala PWD as part of the “Vision 2031 – Crafting Infrastructure with Sustainable Construction Practices (CRISP-KERALA)” programme of the Government of Kerala, held on 18 October 2025 at Aspin Courtyard, Kozhikode.
- **Mr. Divyaprasad S. P.**, Assistant Professor, Dept. of CE, served as a resource person at Sarabhai Institute of Science and Technology, Velland. He delivered a one-day session on the NAAC Accreditation Process on 14 November 2025.
- **Dr. Jisha S. V.**, Associate Professor, Dept. of CE, gave a talk on Universal Human Values at the College of Engineering Trivandrum on 09 and 12 January 2026 for first-year M.Tech and B.Tech (Civil Engineering) students. She conducted also an expert talk session on Universal Human Values at the College of Engineering Trivandrum on 23 January 2026 for first-year B.Tech Civil Engineering students.



FACULTY ATTENDED GIAN COURSE

Ms. Akhila, Assistant Professor, Dept. of CE, attended a five-day GIAN course on “Holistic View of Hydroclimate Extremes and Climate Change Impacts”, held from 01 to 05 December 2025 at NIT Calicut.



PAPER PRESENTATION

- **Ujwal B. Nehin**, final year B.Tech student, Dept. of CE, along with group members **Anagha R. Nair**, **Aswathy Krishna S.**, and **Kailas Shankar P. S.**, under the guidance of **Dr. Jisha S. V.**, Associate Prof., Dept. of CE, presented a paper at the International Conference on Sustainable Technologies and Sciences (ICSTS 2025), organized by LBS Institute of Technology for Women, from 04 to 06 December 2025.
- **Salmanul Fariz N. S.**, final year B.Tech Student,

Dept. of CE, along with group members **Faiz Muhammad S., Noell Kuriakose, and Sidharth A.** under the guidance of **Ms. Radhika P.**, Professor and **Dr. Lekshmi Chandran M.**, Assistant Professors, Dept. of CE, presented papers at the First International Conference on Sustainable Technologies and Sciences, organized by LBS Institute of Technology for Women from 04 to 06 December 2025.

BEST PAPER AWARD

Mr Wilson K. C., Senior Scientist NATPAC and research scholar of **Dr. Satyakumar M**, Prof., Dept of CE, received the Best Paper Award in the Pavements Engineering category at the 8th Conference of the Transportation Engineering research group of India, CTRG, held at IIT Guwahati from 17 to 20 December 2025.

FACULTY ATTENDED ATAL FDP

Ms. Nimisha Anna Jacob, Asst. Prof., Dept. of CE, participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Disaster Management and Resilient Structures at IES College of Engineering from 15 to 20 December 2025.

ALUMNI MEET

CIVIL ENGINEERING DEPARTMENT

A successful online alumni engagement session was conducted on 21 January 2026. The session brought together B.Tech and M.Tech alumni of the Civil Engineering Dept.

FACULTY ATTENDED CONFERENCE

Dr. Jaya S. Pillai and **Ms. Nimisha Anna Jacob** from the Dept. of CE attended the National Conference on Reimagining Wastewater: Pathways to Sustainable Urban India, jointly organised by the Hanseatic India Forum E.V., Germany and Centre for Environment and Development (CED) and supported by GIZ, Germany, on 30 January 2026.

PROFESSIONAL BODY MEMBERSHIP

Dr. Jisha S. V., Associate Prof. and **Ms. Akhila A. M.**, Asst. Prof., Dept. of CE, have enrolled as Life Members of the Indian Plumbing Association. Both faculty members have successfully completed the Indian Plumbing Professional League (IPPL) course conducted by the Indian Plumbing Association. The certification is duly approved by the National Skill Development Corporation (NSDC) and Skill India.

FACULTY RECOGNITION

Ms. Diana Alice Sugunan of CED has been awarded the NPTEL Stars - NPTEL Discipline Stars. for

having completed more than 50 weeks of learning in Civil Engineering with a minimum mark of 55 in all the courses attended.

FACULTY ATTENDED MOOC COURSE

Anupama Krishnan, Assistant Professor, Department of Civil Engineering, successfully completed two 12 week NPTEL courses on “Statistical Learning for Reliability Analysis” offered by IIT Kharagpur and “Optimization Methods for Civil Engineering” offered by IIT Guwahati.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

APPOINTED AS AHOD

Dr. Jesna Mohan, Associate Professor, Department of CSE, has been appointed as the AHoD, with effect from 15 November 2025.



6-DAY FDP ON TRANSFORMERS TO AGENTIC AI: BUILDING AND DEPLOYING GENERATIVE AI SOLUTIONS

The Dept. of CSE, organized a six-day FDP titled “Transformers to Agentic AI: Building and Deploying Generative AI Solutions” from 01 to 06 December 2025. The event commenced with an inaugural ceremony attended by **Dr. S. Viswanatha Rao**, Principal **Dr. Jisha John**, HoD and faculty members from various institutions. Expert resource persons from academia and industry, including **Dr. Joe Cheri Ross**, **Dr. Brijesh Madhavan**, **Dr. Manu Madhavan**, **Dr. Shailesh S.**, **Dr. D. Sumathi**, **Dr. Sowmya V.**, **Dr. Premjith B.**, **Dr. Jesna Mohan**, **Mr. Arundev Vamadevan**, and **Mr. Sai Jeevan Puchakayala**, delivered the sessions. The programme was coordinated by **Dr. Tessa Mathew** (Professor, Dept. of CSE) and **Dr. Neena Raj N. R.** (Asst. Prof, Dept. of CSE)



ALUMNI REUNION 2025

The Dept. of CSE, organized CSE Alumni Meet 2025 at the college campus on 27 December 2025. **Fr. John Varghese**, Director, **Dr. S. Viswanatha Rao**, Principal addressed the gathering. **Ms. Asha S.** (Assoc. Prof., Dept. of CSE) and **Mr. Shibu V. S.** (Asst. Prof., Dept. of CSE) were the coordinators of the event.



WORKSHOP WWON RISC-V VEGA PROCESSOR

The Dept. of CSE organized a one-day workshop and hands-on session on the RISC-V Vega Processor, conducted by CDAC Trivandrum for the S5 CSE students on 29 September and 07 October 2025. The workshop was coordinated by **Ms. Jisha Jose** and **Mr. Shon J Das**, Asst. Professors, Dept. of CSE.



CYBER FORENSICS BOOTCAMP

A three-day Introduction to Cyber Forensics Bootcamp was conducted from 10 to 12 December 2025 at the College. The bootcamp was led by experts from ALIBI, with **Dr. Sunil** and his team serving as the resource persons. The event was coordinated by **Ms. Indu V** and **Ms. Neethi Narayanan**, Assistant Professors, CSE Department.



NATIONAL BOOTCAMP ON IOT FORENSICS

The Centre for Development of Advanced Computing (C-DAC), under the Government of India, in collaboration with MBCET, organized a five-day 'National bootcamp on IoT Forensics' from 08 to 12 December 2025. The programme was conducted with the support of the ISEA Phase III project of the Ministry of Electronics and Information Technology (MeitY). Sessions were handled by experts from MeitY, CERT-In, Kerala Police Cyberdome, Drone Forensics Lab, and Ai Drone Pvt. Ltd. The bootcamp was inaugurated by **Ms. Tulika Pandey**, Scientist-G, MeitY, in the presence of **Rev. Fr. John Varghese Palanilkunathil**, Director; **Rev. Dr. Koshy Issac Punnamoottil**, Bursar, **Dr. S. Viswanatha Rao**, Principal, MBCET; **Dr. Jisha John**, HoD of CSE, **Shri Vinukumar A. R.**, Scientist-G, C-DAC Thiruvananthapuram; **Shri Hiron Bose**, Scientist-E, C-DAC Thiruvananthapuram; and **Ms. Amala R.**, Scientist-F, C-DAC Thiruvananthapuram. The valedictory session was addressed by **Dr. ChAS Murthy**, Director, C-DAC Kolkata. Faculty Co-ordinators: **Dr. Tessy Mathew**, Professor, Dept. of CSE & **Ms Gauri Shree V K .**, Asst.. Prof., Dept. of CSE.



ONLINE WORKSHOP ON "POWER BI"

The Dept. of CSE, in association with the Centre for Computational Intelligence and Cyber Security and the MERP Systems India Centre for Excellence, organized a three-day online workshop on "Power BI" from 10 to 12 December 2025. The sessions were conducted by **Ms. Aruna Roy**, Software Applications Developer, and **Ms. Avina Varghese**, Software Applications Developer, from the MERP Systems India Centre for Excellence. 32 participants attended the workshop. The workshop was coordinated by **Ms. Krishna L**, Assistant Professor, Department of CSE.

INDUSTRY INSTITUTE COLLABORATION

The Dept. of CSE in association with CareStack, a leading healthcare technology company, organized a one-day industry-focused workshop on 27 September 2025 at their Technopark campus. Selected students took part in a series of sessions led by industry professionals.



INDUSTRY EXPERT REVIEW OF BTECH AND MTECH PROJECTS

The M.Tech and B.Tech projects of the Dept. of CSE were reviewed by industry experts. **Mr. Arvind Panicker**, Senior Engineer at Google (2018 passout batch); **Mr. Aditya Nagesh**, Software Engineer at Microsoft (2019 passout batch); **Mr. Sreedish P. S.**, former Software Engineer at Meta (2008 passout batch); and **Mr. Niyas Mohammed**, CEO & Co-Founder of NeuralCraft, reviewed the S8 student projects. In addition, **Mr. Jeril L.**, Systems Engineer at Prophase (2019 MTech batch), reviewed the mini-projects in the domain of Cyber Security.

FACULTY ACHIEVEMENTS

CERTIFICATE OF APPRECIATION FROM AICTE

Ms. Dhanya L. K., Asst. Prof., Dept. of CSE, was awarded a Certificate of Appreciation by the All India Council for Technical Education (AICTE) in recognition of her contribution as a translator under the Technical Book Writing Scheme. She translated the AICTE First-Year Diploma textbook Introduction to IT Systems (with Lab Manual) into Malayalam.



IEEE SENIOR MEMBERSHIP

Dr. Merlin George, Asst. Prof., Dept. of CSE, has been elevated to the grade of IEEE Senior Member.



INFOSYS SPRINGBOARD CERTIFICATION

Ms. Prathibha S Nair (Asst. Prof., Dept. of CSE), successfully completed the course “*Deep learning Tutorials*” offered by Infosys springboard.

PARTICIPATION IN CONFERENCES/ SYMPOSIA/ WORKSHOPS/ SEMINARS

CONFERENCE ATTENDED

Dr. Tessy Mathew (Prof., Dept. of CSE) and **Dr. Jesna Mohan** (Associate Prof. & AHoD, Dept. of CSE) attended the conference on “Safe and Trusted AI for Fintech, Healthcare and Citizen Safety”, Pre-Summit Event of AI Impact Summit 2026” organized by STPI and ISACA Trivandrum Chapter, on 20 November 2025 at Hycinth, Thiruvananthapuram.

ATTENDED THE ZONAL MEETING OF ASAP'S CSDCCP

Ms. Poorna B. R., Ms Prathibha S. Nair, Asst. Professors, Dept. of CSE participated in the Zonal Meeting of ASAP's Centre for Skill Development Courses and Career Planning (CSDCCP) on 01 December 2025, held at Bishop Jerome Institute of Technology and Management, Kollam.

ACsia MEET-UP

Dr. Merlin George, Asst. Prof. in CSE represented MBCET at the Valedictory Ceremony of the **Acsia Hackathon 2025**, held on Saturday, 01 November 2025, at the Acsia Global HQ and R&D Centre, Technopark Phase III, Thiruvananthapuram.

FDP ATTENDED

- **Ms. Gayathri K. S., Ms. Anjali S, Ms. Prathibha S Nair and Ms. Vijitha Robinson**, Asst. Professors, CSED completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Next-Gen Intelligence: HPC, Applied AI, and Data Science at TOC H Institute of Science & Technology from 08 to 13 December 2025.
- **Ms. Deepthi K. Moorthy**, Assistant Professor, **Ms. Lino Zachariah, Ms. Deepthi K Moorthy, Ms. Krishna L, Ms. Neethi Narayanan, Ms Vinitha V. K., Ms. Jayalekshmi J and Ms. Indu V** Asst. Professors, **Ms. Anjali Devi A. J., Ms. Anjali S., Ms. Prathibha S. Nair, Ms. Vinitha V. K., Ms. Jayalekshmi J.**, Assistant Professors,

Ms. Rini Vijayan, Assistant Professor, **Ms. Diana Mathew**, Assistant Professors, and **Dr. Anne Dickson**, Associate Professors, Dept. of CSE attended FDPs of different durations held at various Institutions such as Amal Jothi College, KPLY, Rajalakshmi Institute of Tech, Chennai, organized by AICTE (online) and so on. **Ms. Deepthi K. Moorthy** attended 2 more FDPs and **Ms. Lino Zachariah** attended the FDP organized by Toch Institute of Science & Tech.

FACULTY INTERACTION WITH OUTSIDE WORLD JUDGE

Ms Deepthi K Moorthy, Asst. Prof., Dept. of CSE was the Judge for the Robotic Expo hosted by St.Thomas Residential School on 30 October 2025.

SESSION CHAIR

Dr. Neena Raj N. R., Asst. Prof., Dept. of CSE was the session Chair for international Conference on Smart and Intelligent Systems (SISCON 2025) organized by Marian Engineering College, on 20 December 2025.

PAPER PRESENTATION

- **Ms. Deepthi K. Moorthy**, Assistant Professor, Dept. of CSE presented a paper in the 4th Congress on Control, Robotics, and Mechatronics (CRM2026) organized by SR University, Warangal, on 22 February 2026.
- **Ms. Asha S.**, Associate Prof., Dept. of CSE, presented a paper in the national seminar on AI as an Accelerator to SDGs: Pathways and Possibilities on 17 January 2026 at Vidya Academy of Science and Technology, Thrissur.
- **Ms. Neethi Narayanan**, Asst. Prof., Dept. of CSE participated and presented a paper in the International Conference on Multidisciplinary Perspectives in Advanced Computing and Technology (IMPACT 2026) on 10, 11 January 2026 organized by Dept. of IT, College of Technology, G. B. Pant University of Agriculture and Technology, Uttarakhand, India.
- **Mr. Adhithya Smitha Raj, Mr. Ameen Khan S. R., Mr. Anand Pillai, Ms. Namitha S. Menon (S8 CS2) and Ms. Lino Zachariah** (Asst. Prof., CSE). **Mr. S. Abhilash, Mr. S. Abhijith, Mr. Varun S., Ms. Sraddha S. (S8 CS2), and Mr. G. L. Praveen** (Asst. Prof., Dept. of CSE) presented papers in the 2nd International Conference on Artificial intelligence and Machine learning (ICAIML 2026) held at Bharata Mata College, Thrikkakara on 30 January 2026.

- **Mr. Aman Nair, Mr. John B. Varghese, Ms. Nikita Anna Ajith, Mr. R. Sidharth** (2025 BATCH) and **Ms. Anjali S** (Asst. Prof., Dept. of CSE) presented a paper in the IEEE International conference on Smart and Intelligent Systems (SISCON 2025) held at Marian Engineering college, Trivandrum on 20 December 2025.
- **Ms. Lino Zachariah**, Asst. Prof., Dept. of CSE presented a paper in the 9th International conference on Micro-electronics and Telecommunication Engineering organized by the Dept. of ECE, SRM Institute of Science & Technology, Delhi on 04 December 2025.
- **Ms. Diana Mathew**, Asst. Prof., CSED participated and presented the paper in the international conference on Artificial Intelligence for Health Care (AIHC 2025) held from 10 to 12 December 2025 at National Institute of Technology, Calicut.

PAPER PUBLICATIONS

- **Ms. Jisha Jose** (Asst. Prof., Dept. of CSE), **Mr. Niyas K Haneefa** (Asst. Prof., Dept. of ECE), **Ms. Maushmi Rajesh**, **Mr. Advait Krishna Karanavar**, **Mr. Salah Ahammed**, **Mr. Abid Noushad Humam** (2025 Passout Batch) published a paper in the IEEE Explore Proceedings, on 10 October 2025.
- **Ms. Jisha Jose** (Asst. Prof., Dept. of CSE) and her team - **Mr. Adinath Ajith Naik**, **Mr. Adarsh Joseph Kalief**, **Ms. S. A. Gouri Priya**, and **Mr. Raef Abdul Nazir** - published a research paper in the AIP Conference Proceedings, Volume 3377, Issue 1, on 07 October 2025.
- **Mr. Melvin Joseph Siby**, **Ms. T. S. Nandana**, **Ms. S. Gayathri**, **Mr. Nibil Mathew** (2021-2025 CSE Batch), and **Ms. L. K. Dhanya**, AP, CSE presented a paper at the 11th International Conference on Smart Computing and Communications (ICSCC) held at Kochi on 03 to 05 July 2025. The same is added to **IEEE Xplore** on 17 November 2025 DOI: [10.1109/ICSCC66177.2025.11233707](https://doi.org/10.1109/ICSCC66177.2025.11233707).
- **Ms. Dhanya L. K.**, AP, CSE and **Dr. Kannan Balakrishnan** (CUSAT) published a paper in the Journal of Intelligent & Fuzzy Systems [SCI, Q2]- <https://doi.org/10.1177/1875896725138503>.

BOOK CHAPTERS PUBLISHED

- Faculty members from the Dept. of CSE have contributed three book chapters to the recently published volume **AI Driven Pedagogy: Concepts,**

Techniques, and Applications (ISBN: 978-93-48314-65-9). **Ms. Poorna B. R.**, Asst. Prof., and **Dr. Jisha John**, Prof. and Head, authored the chapter "Intelligent Histopathology: AI Approaches for Robust Cell Segmentation and Clinical Insights"

- **Ms. Dhanya L. K.**, Asst. Prof., authored the chapter "Natural Language Processing in Education: Applications, Challenges, and Future Directions." **Ms. Prathibha S. Nair** and **Ms. Anjali S.**, Asst. Prof., authored the chapter "AI as a Teaching Partner: Enhancing Pedagogy for Faculties."
- **Mr. Kiran Biju** (S7 CS1), **Ms. Shreya Shelji** (S7 CS1), and **Ms. Vijitha Robinson**, Asst. Prof., Dept. of CSE, have authored a book chapter in the recently released volume **Economics of Sustainability: Theory, Practice and Future Trends** (ISBN: 978-93-48314-71-0).

ACCOLADES WON BY STUDENTS

- **Seby Toms** (S8 ME), **Aromal M Ashok** (S6 CS1), **S Sabarinath** (S6 CS2), **Joseph George** (S6 ME1), **Joseph Benedict** (S6 CT) & **Noel Noble** (S2 EC2) First prize in the Battle of Bands at ACE College of Engineering, Thiruvallam, held on 06 February 2026
- **Seby Toms** (S8 ME), **Aromal M Ashok** (S6 CS1), **S Sabarinath** (S6 CS2), **Joseph George** (S6 ME1), **Joseph Benedict** (S6 CT) & **Noel Noble** (S2 EC2) won



Second prize in the Battle of Bands at Muthoot Institute of Technology and Science (MITS), Kochi, held on 14 February 2026.

- A team of four students from S8 CS2 — **Ananya Pramod**, **Bhavana S Moorthy**, **Aromal M**, and **Fathima Gesny** — successfully cleared the first round and presented their project, titled "AI-Driven Multimodal Early Detection and Stage Classification of Cervical Cancer for Resource-Constrained Healthcare Settings," at the

district-level competition of the Young Innovators Programme (YIP 8.0). The project was carried out under the mentorship of **Mr. Ramjith R P.**, Asst. Prof., Dept. of CSE.

ATTENDED DEVELOPER WORKSHOP

Adithya P S5 CS2 participated in the Developer Workshop on Frugal AI conducted as part of **Supercomputing India 2025** on **10 December 2025** at **Manipal Institute of Technology, Bengaluru Campus**. The workshop featured expert-led sessions by **Intel** and the **EkStep Foundation**.



CSI OFFICE BEARERS

Vedha Mahadevan (S6 CS2) has been selected as the Chairperson and **Niranj R. (S6 CS2)** as the Co-Chair (Design) of the CSI Trivandrum Chapter.



INTERNSHIP

Around **225 students** participated in internship training programs in various reputed companies and institutions like IBM, μ Learn Foundation, Nissan Digital, IBS, IIT Palakkad, CDAC, Infosys etc from June 2025 to January 2026. About 45 students got the opportunity to do internship on Artificial Intelligence in IBM. Nissan Digital, IBS, UST Global and Care Stack etc.

WORKSHOP ON “JAVA DEVELOPMENT – AN INDUSTRY APPROACH”

The Department of Computer Science, in collaboration with IEEE Computer Society (IEEE CS), Computer Society of India (CSI) and Association for Computer Engineers (ACE), conducted an Outcome-Based Education (OBE) workshop on “Java Development – An Industry Approach” on 16 October 2025 at Software Lab 1 for S3 CS2 students. The session was led by **Ms. Roopa Panicker**, Scientist E at CDAC Trivandrum, who shared her expertise in industrial software development practices. The event was coordinated by **Ms. Neethi Narayanan**, Assistant Professor, Department of CSE.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY AS RESOURCE PERSON

Dr. Swapna P. S., Associate Prof. of ECE, and **Mr. Shiras S. N.**, Asst. Prof. of ECE, served as resource persons for the Technical Training Programme on “Intranet-based IoT and its Applications” held on 02 February 2026, at the National Skill Training Institute, Trivandrum, as part of the ISRO Technical Training Programme.

NODAL OFFICER MEET ATTENDED

Dr. Lani Rachel Mathew, Asst. Prof., ECED, attended the South Zone Nodal Officer’s Meet, a precursor event to the IEDC Startup Summit, 2026, held at Marian Engineering College, Kazhakkuttam, on 28 January 2026.

FDP/ WORKSHOP ORGANIZED

ONE-DAY WORKSHOP ORGANISED

The Communication Research Group of the Dept. of ECE organized a one-day workshop on GNU Radio Companion and Spectrum Analyser on 11 December 2025 for the Department’s faculty and Technical Staff. The session was led by **Mr. Shiras S. N.** and **Mr. Alex V.**, Asst. Prof. in the Dept. of ECE.

FDP ON VLSI DESIGN AND VERIFICATION: A HANDS-ON APPROACH (VDV’25)

The VLSI & Embedded System Research Group, Dept. of ECE, MBCET, organized a Five-Day FDP on “VLSI Design and Verification: A Hands-on Approach (VDV’25)” from 10 to 14 November 2025. The programme aimed to equip faculty members and research scholars with strong theoretical foundations and practical exposure to modern VLSI design and verification methodologies. The inaugural session was held on 10 November 2025. The FDP was inaugurated by **Ms. Neetha Maria Celin**, Joint Director, CDAC Thiruvananthapuram, who also delivered the keynote address. The Presidential Address was delivered by **Dr. S. Viswanatha Rao**, Principal, MBCET. Felicitations were offered by **Rev. Fr. John Varghese Palanilkunnathil**, Director, MBCET, and **Dr. Luxy Mathews**, HoD, ECE. The technical sessions were handled by industry experts and eminent academicians, including **Mr. V. Navaneethakrishnan** (Senior field application engineer, Entuple Technologies Pvt.



Ltd.), **Dr. Anand Mukhopadhyay** (Senior engineer, MathWorks India Pvt. Ltd.), **Ms. Sharanya G. Nair** (ASIC design engineer, Netrasemi). **Dr. Ajith Ravindran** (Saintgits College of Engineering), and **Dr. Arun A. V.** (TKM College of Engineering). Faculty Coordinator: **Ms. Ann Mary Alex**, Asst. Prof., Dept. of ECE. Co-ordinators: **Mr. Jinu Baby**, **Ms. Amritha B. J.**, Asst Professors, Dept. of ECE.

INTEL UNNATI TOOL KIT TRAINING

A five-day Intel Unnati Tool Kit Training (O level Certification) was conducted from 14 to 19 January 2026 at the Intel Unnati Data Centric Lab. The session was handled and coordinated by **Dr. Swapna P. S.**, Associate Prof., ECE and **Mr. Jijo Jose**, Asst. Prof. (on leave), ECE. The sessions were supported by **Mr. Dhaneesh Raj D.** and **Ms. Ancy A** (Technical Staff, ECE).



INVITED LECTURES ORGANIZED

An invited talk on “VEGA Processors” was organised by the VLSI and Embedded Systems Research Group, Dept. of ECE, on 08 October 2025, for S5 ECE students. The speaker of the session was **Mr. Libin T. T.**, Associate Director & Scientist F, C-DAC, Thiruvananthapuram.

DESIGNING FOR HEALTHCARE TECHNOLOGY

OpenLabs AI & Assistive Technology Group, in association with IEEE EMBS SBC MBCET, conducted a talk session for the students, titled “Designing for Care: User-Centred Design for Healthcare Technology” on 07 January 2026 at Senatus Hall. The session was delivered by **Mr. Adhityan Raja**, PhD Candidate in Industrial Design Engineering at the Technical University of Eindhoven (TU/e), Netherlands. Student Coordinators: **Joshua Sunny** (S6 CS1), **Gokul Raj R.** (S8 EC1). Faculty Coordinators: **Ms. Dhanya L.K.** (AP, CSE), **Ms. Amritha B.J.** (AP, ECE)



POST INSTALLATION TRAINING

The post installation training for CADENCE EDA tools was conducted on 22 and 23 October 2025. **Mr. V Navaneethakrishnan**, Senior Field Application Engineer, Entuple Technologies Private Limited, Bangalore handled the two-day session.



ACCOLADES WON BY STUDENTS WINNERS OF HACK-ARTI-THON 2.0

Students of S6 EC1 and EC2 showcased exceptional talent and innovation at HACK-ARTI-THON 2.0 held at Al-Ameen College. The Special Jury Awards (₹2,500) were won by **Jensen Jose Sajan**, **Ashish Swami**, **Adnan Nizam**, **Abhijith R.** and **Kripa M. Joseph**, **Roshna Ajesh Thomas**, **Rishika Kunnumpurath Chali**, **J. Sidharth**. The Best Problem Research & Analysis Award (₹5,000) went to **Harry Biju**, **Ashwin Gireesh**, **Vinayak V. Nair**, **Gadha G. I.**, the Best Pitch Video Award (₹5,000) to **Rithika Reeba Manoj**, **Diya Dileep**, **Adwaith A. S.**, the Best Pitch Award (₹2,500) to **Abin S. Manoj**, **Krishna D. S.**, **Nandha S.**, **Midhun Eswar V. L.**, the Best Storyboard Award (₹5,000) to **Katherine Eliza Shibu**, **Amina N. S.**, **Daya R. S.**, **Ardra A. Nair**, and the Best Minimum Viable Product (Software) Award (₹5,000) to **Abhinav Nair S.**, **Aswathy S.**, **Aparna Anand**, **V. L. Padmanaban**, showcasing their innovation, teamwork, and technical excellence.

INTEL COURSE COMPLETION

Dr. Swapna P. S., Associate Prof., Dept. of ECE completed the online course on Get started with Generative AI conducted by Intel.

ENTREPRENEURSHIP TRAINING ATTENDED

Dr. Nidhi M. B., Professor, MED Head CPDL, and **Dr. Lani Rachel Mathew**, IEDC Nodal Officer and Asst. Prof., ECED, attended the International Multiplier Training 2025 conducted by the Centre for Management Development (CMD), Thiruvananthapuram, on the theme “Entrepreneurship Education for All”, on 17 November 2025 at Centre for Management Development, Thycaud, Thiruvananthapuram. Resource persons were **Dr. Johannes Lindner**, Professor, Entrepreneurship4Youth, Austria and **Dr. Valentin Mayerhofer**, Entrepreneurship4Youth, Austria. MBCET Alumna Entrepreneur **Ms Aswani P. P.**, EEE 2025, Founder and CEO, Civitric Developers, also participated in the program.



IEEE WIE ILS ATTENDED

Dr. M. J. Jayashree, Prof., Dept. of ECE and Dean (Academic - UG) attended the IEEE WIE International Leadership Summit (WIE ILS 2025) held at The Raviz Kadavu, Kozhikode, on 24 and 25 October 2025, and was sponsored by the IEEE Engineering in Medicine and Biology Society (EMBS) Kerala Chapter.

LEAP ENTREPRENEURS STATE SUMMIT

Kerala Startup Mission, in collaboration with Udhyam Foundation and IEDC Catalyst MBCET, organized the LEAP Entrepreneurs State Summit for ITI students on 28 and 29 October 2025. The two-day event was hosted at MBCET on Day 1 and at Technopark, Trivandrum on Day 2. 58 trainees from 21 Government ITIs participated, presenting 40 innovative business projects. The contribution of six student volunteers — **Abey Ninan Mathew** (S3 EC1), **Shone Varghese Tharakan** (S3 EC1), **Amalesh A** (S3 EC2), **Sree Sankar S** (S3 EEE), **Dhilsha S** (S3 EC1), and **Abdul Basidh Shihan** (S3 EC1) — during the idea pitching sessions was highly appreciated. Faculty Coordinator: **Dr. Lani Rachel Mathew**, IEDC Nodal Officer, MBCET

RETRACE '25 – ECE ALUMNI MEET



The Dept. of ECE organized RETRACE '25 on 30 December 2025 at the college campus, with the participation of 105 alumni members. The program began with a welcome address by **Dr. M. J. Jayashree**, Prof. and Dean (U.G) followed by department highlights and the formal welcome address by **Dr. Luxy Mathews**, HoD, ECE. The Principal, **Dr. S. Viswanatha Rao**, delivered the presidential address. **Rev. Fr. John Varghese**, Director, felicitated the alumni.

FDP ATTENDED

- **Dr. M. J. Jayashree** attended an Online FDP on “**AI Tools for Effective Teaching, Learning, and Assessment**” organized by the Department of Artificial Intelligence and Data Science, Velammal Institute of Technology (6 to 10 October 2025), and a One Week Virtual National Level FDP on Strategic Research Proposal Development and Grant Acquisition organized by the Dept. of ECE, Lords Institute of Engineering and Technology, Hyderabad (05 to 09 January 2026).
- **Dr. Luxy Mathews** participated in the Online FDP on “**AI and IoT Convergence of Smart**

Solutions” organized by the Department of ECE, College of Engineering Kottarakkara (December 15–19, 2025), and the FDP on “**VLSI Design and Verification – A Hands-on Approach**” organized by MBCET (November 10–14, 2025).

- **Dr. Ancy S. Anselam, Dr. Sreedevi P., Ms. Ann Mary Alex, Dr. Luxy Mathews, Ms. Amritha B.J., Ms. Salga Ann Jacob, Mr. Aravind Sarma, Ms. Jeena Viji, Ms. Lakshmi J. L., Maya M Warriar, Ms. Hanna Lalu, Mr. Alex V., and Dr. Aswathy Madhu** attended the Five Days FDP on “**VLSI Design and Verification: A Hands-on Approach (VDV '25)**” organized by MBCET (November 10–14, 2025).
- **Dr. Swapna P. S.** attended the One Week Virtual National Level FDP on Strategic Research Proposal Development and Grant Acquisition organized by the Dept. of ECE, Lords Institute of Engineering and Technology, Hyderabad (05 to 09 January 2026).
- **Ms. Teena Rajan** completed the NPTEL/AICTE course “**Statistics for Biomedical Engineers**” (July to October 2025).
- **Mr. Niyas K Haneefa** attended the Online Faculty Development Programme on “**AI and IoT Convergence of Smart Solutions**” organized by the Department of ECE, College of Engineering Kottarakkara (15 to 19 December 2025).
- **Dr. M. J. Jayashree** attended (1) National FDP on Strategic Research Proposal (2) FDP on AI Tools for Effective Teaching Learning & Assessment, **Dr. Luxy Mathews** and **Dr. Niyas K Haneefa** on AI & IOT organized by Dept. of ECE, Engg College Kottarakkara, **Ms. Teena Rajan** on statistics for Bio Medical Engineers organized by NPTEL/AICTE and **Dr. Swapna P. S.** on Strategic Research Proposal Development organised by Lords Institute of Engg. & Tech. Hyderabad.

PUBLICATIONS CONFERENCES

- Govind Remesh, Juby J Pappan, Sarang S Pillai Vishnu Vijay Kumar and **H. Aravind Sarma**, Assistant Professor Dept of ECE presented a paper in the 2nd International Conference on Recent trends in Electrical, Electronics and Computing Technologies at Vaagdevi Engg. College, Warangal on 31st October 2025.
- Arjun Sreeraj (Alumnus), Navaneeth Krishnan (Alumnus), Sanjo Joy R (Alumnus) and **Dr. M. J. Jayashree**, Professor, Dept. of ECE and Dean

(Academic - UG) presented a paper online titled” in the 4th International Conference on Intelligent Computing, Information and Control Systems (ICOICS 2025) organized by Nepal College of Information Technology, Balkumari, Lalitpur, Nepal on 19th Nov 2025.

INDUSTRY-INSTITUTE COLLABORATION

LAUNCH OF IICT EMBEDDED AI & AIOT HANDS-ON LAB

Dr. Swapna P. S., Associate Professor and **Mr. Niyas K. Haneefa**, Assistant Professor, ECE have participated in the launch of International IoT Communication Technologies (IICT) Private Ltd. Embedded AI and AIoT Hands-On Lab on, 20 November, at IICT Kochi Center. They also attended a one-day workshop at the center led by Prof. Dr.-Ing. Axel Sikora, a world-renowned technologist in the IoT

DEPARTMENT ASSOCIATION (E-NIX) ACTIVITIES

ELEVATE 2025 ORGANISED

On 07 October 2025, e-Nix, the Department Association of ECE, hosted ELEVATE 2025, the first edition of its dynamic welcome event for the incoming ECE batch. The session opened warmly with a welcome address by **Dr. Luxy Mathews**, HoD, dept. of ECE, followed by an engaging introduction to e-Nix by **Mr. Niyas K. Haneefa** (Faculty Coordinator) and **Karthik R** (Chairperson, e-Nix), who offered a glimpse into the association’s purpose and projects.



SPANDANAM ACTIVITIES

Spandanam, the social service wing of the ECE Department, organized a visit to MBCET alumna **Ms. Simla Balasubramaniam**, who is managing health challenges related to progressive arthritis, on 12 December 2025. Spandanam representatives, along with faculty members, visited her residence and presented an automatic BP monitor, painting materials, and financial support.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

EXPERT TALKS

- An expert talk on the topic “Control Systems in

Electric Vehicles: Concepts, Challenges, and Real-World Applications” was conducted for the S7 Electrical and Computer Engineering students on 16 October 2025 as part of their Control Systems course. The resource person was **Dr. Nisha G. K.**, Prof., EEE.

- The **Power Electronics Research Group**, Dept of EEE organized an expert talk on “**Power Electronics Applications in Renewable Energy Sector**” on 17 October 2025 for fifth semester EEE Students. 56 students attended the session. The Session was handled by **Mr. Akash B**, R & D Engineer, Hykon India Ltd
- The **Power System Research Group**, Dept. of EEE organized an expert talk on “**Energy Management Strategies in Smart Grid**” on 17 October 2025 for Seventh semester Electrical and Electronics Students. The Session was handled by **Dr. Pretty Tom**, HoD, Department of EEE, Bishop Jerome Institute of Technology, Kollam.



DR. A.P.J. ABDUL KALAM ENERGY QUIZ 2025-26 (8TH EDITION)

The District Level Round of the Dr. A.P.J. Abdul Kalam Energy Quiz Competition 2025–26, organized by the KSEB Engineers’ Association, was hosted by MBCET. Five teams representing various colleges, participated in the district-level event. The MBCET Team, comprising **Abhishek** (S7 EE) and **Sidharth Vishnu** (S1 EE), secured the third prize in the competition. Prizes were distributed by **Dr. S. Viswanatha Rao**, Principal, MBCET. **Dr. Anil J**, Assistant Professor, in EEE was the Department Coordinator.



GATE AWARENESS PROGRAMME

The Department of Electrical and Electronics Engineering, coordinated an awareness programme on GATE 2026, organized by IIT Madras as part of their outreach initiative. 86 students from various branches participated in the session. Co-ordinators: **Ms. Revathy K. P.** and **Ms. Parvathy**, Assistant Professors, in EEE.



ILLUMINA -ACTIVITIES

WORKSHOP BY OFFENSO HACKERS ACADEMY

The **Illumina** (Dept. of EEE), in collaboration

with **Offenso Hackers Academy**, conducted an offline cybersecurity workshop titled “**DeadLock.**”. The experts from Offenso Hackers Academy **Mr. Ashwin**, **Mr. Sreerag**, **Mr. Praveen** handled the session. 59 students attended the session. **Dr Anil J**, Assistant Professor, EED coordinated the event.



EXPERT TALK

- Illumina, Association of the Department of EEE organised a talk on “**Engineering the future with AI**” for S4EL students on 16 January 2026. **Mr. Imran Salim**, CAD and AI Engineer, CAD Point, TVM was the resource person.
- The Alumni Affairs Cell, in association with Illumina (Association of the Department of Electrical and Electronics Engineering), organized an online expert talk titled “**Industry Readiness & Resume Strategy for Engineering Students**” on 12 January 2026. The session was delivered by **Mr. Amal Ravikumar Sujatha**, Electrical Engineer – Automation, Manufacturing & Construction, and an alumnus of the 2013–2017 batch (EED, MBCET). 40 students participated in the session.



RESPARK '25 – EEE ALUMNI MEET

The Department, under the banner of ILLUMINA, successfully organized **RESPARK '25 – EEE Alumni Meet** at the college campus on January 3rd. The event witnessed the enthusiastic participation of 50 alumni members. The event began with a warm welcome address by **Dr. Elizabeth Varghese**, HoD, EED, followed by the Principal's Address by **Dr. S. Viswanatha Rao**, who highlighted the importance of alumni engagement. **Fr. John Varghese**, Director felicitated the alumni and appreciated their continued association with the department.



KSEB POWER QUIZ

KSEB conducted **Power Quiz** at Faraday Hall on 6 November 2025. The event was coordinated by Illumina, Association of Department of Electrical and Electronics Engineering. 40 students attended the quiz. The winners were: **Arshanadha P. P.** and **Devanand A.** S1EL.



ILLUMINA ACADEMIC EXCELLENCE AWARD 2025 (EVEN SEM)

The Illumina Academic Excellence Award recognizes the toppers of each semester who have achieved the highest SGPA in the previous term. This year, the event was held on 23 October 2025. in Faraday Hall.



The awards were distributed by **Dr. S. Viswanatha Rao**, Principal, and **Dr. Elizabeth Varghese**, Head of the Department. The Academic Excellence Award 2025 (Even Semester) winners were: **Jaish J. S.**, S7 EEE, **Thamanna Prasanth**, S7 EL, **Anantha Krishnan H.**, S5 EEE, **Hanok Samuel Boban**, S5 EL, **Anin Mathew Varghese**, S3 EEE, **Joel Joe**, S3 EL.

MAGAZINE RELEASE

Illumina, the Association of the Dept. of EEE, released its magazine for the Even Semester 2024–25. The magazine was officially unveiled by **Dr. S. Viswanatha Rao**, Principal, during a special event held on 23 October 2025.



SMASH MANIA 2025

Illumina, Association of the Department of Electrical & Electronics Engineering, in association with Department of Physical Education organized an Intercollegiate Badminton Tournament, **Smash Mania 2025** at Greenfield Badminton Court on 11th October 2025. The event was inaugurated by **Shri. R. Harikumar**, Former Chief of the Naval Staff of India and **Dr. S. Viswanatha Rao**, Principal, MBCET. 43 students from various colleges participated.



CAREER IN SOFTSKILLS

Illumina, Association of the Dept. of EEE organised a talk on “**Career in Soft Skills**” on 18 September 2025 for final year EE and EL students at Faraday Hall. **Mr. Bipin.V L**, Technical Head, Electrical Department, CADPOINT was the resource person.



AI AND IOT INNOVATIONS IN AGRICULTURE

Illumina, Association of the Department of EEE organised a talk on “**AI and IoT innovations in Agriculture**” on 26 August 2025 for final year EE

and EL students at Faraday Hall. **Dr. V. S. Santhosh Mithra**, Principal Scientist (Computer Science and IT) ICAR- CTCRT was the resource person.

CTF ONLINE SESSION

Illumina, Association of the Dept. of EEE in coordination with Offenso Hackers Academy Tvm, Organized an Online CTF Session for beginners on 27 September 2025. CTF (Capture The Flag) is a cybersecurity competition where players solve real-world hacking challenges to find hidden “flags.” The session was handled by **Mr. Ans A.** (R&D Team Member, Offenso Hackers Academy, Tvm | CTF Developer).

WILDLIFE WEEK AWARENESS DRIVE

Illumina, Association of the Dept. of EEE and ACE, CS Dept. coordinated a Wildlife Pledge Ceremony on the afternoon of 06 October 2025, as part of the statewide observance of Wildlife Week.



CHIRAG – THE SOCIAL SERVICE ORGANIZATION OF ILLUMINA

ELECTRIFICATION WORK

As a part of its charity activities, Chirag (charity wing of the Association of EEE), four of our technical staff members, **Mr Rajeevmon, Mr Sajan S, Mr Vijil and Mr Santhosh** spent two days (**October 20th and 21st**) for the wiring works of a needy family at Vallakadavu, TVM.



FOOD DONATION DRIVE

Chirag – The Social Service Organization of Illumina, in association with NSS, conducted a **Food Donation Drive** on 16 October 2025. 500 food packets were distributed at RCC and Rs 2800 was donated to a deserving minor cancer patient.



WORKSHOPS, TRAININGS AND INTERNSHIP PROGRAMMES/IVS FOR STUDENTS

INDUSTRIAL VISIT

- The IVth Semester B.Tech Electrical and Electronics Engineering (S4 EE) students visited **Neriamangalam Hydro Electric Power Project**, Idukki as part of an industrial exposure program on 23 January 2026. 48 students and 2 faculty



members participated in the visit.

- 96 students (**S5 EL:47 & S5 EE:49**) from Dept of EEE went for two days Industrial Visit at Meencut Generation Circle (**Pallivasal Hydroelectric Project** in Idukki, **Sengulam Power House**) and **Kerala Electrical & Allied Engineering Co.Ltd.** (KEL) Mamala on 03 October 2025 and 04 October 2025. They were accompanied by **Ms Surasmi N L, Dr. Anil J, Ms. Revathy K P, Mr. Ayush Vijayan, Ms. Neetha Chandran** Assistant Professor/s, EED.



- 56 students from , Dept of EEE went for one day Industrial Visit at Mattupetty Dam and Power House at Munnar on 30 th September 2025. They were accompanied by **Ms. Sheenu P. and Mr. Midhun G.** , Asst.Professors, EED.



INTERACTION WITH OUTSIDE WORLD

PAPER PRESENTATION

Ms. C. Sojy Rajan, Assistant Professor, EED presented a paper titled “**Comparison of PI/GWOA Tuned PI and Fuzzy Enabled D-STATCOM for Voltage Profile Enhancement of an IMMIG**” at the 2025 IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST-2025) held at NIT Jamshedpur, on 11 October 2025.

EXCELLENTIA 2025

Dr. Nisha G K (Professor, EED & IQAC Coordinator) attended the prestigious **Excellentia 2025** organized by the State Level Quality Assurance Cell - Kerala (SLQAC Kerala), Department of Higher Education, Government of Kerala, at Tagore Theatre on 15 September 2025.

FACULTY AS RESOURCE PERSON

- Dr. Dishore S. V.**, Assistant Professor, In EEE, served as a Resource Person in the five-day online Faculty Development Programme on “**Recent Trends in Renewable Energy Systems and Technologies**,” organized by the Department of Electrical and Electronics Engineering in association with the Centre for Promotion of Research, Kings College of Engineering (Autonomous), Tamil Nadu. He presented a technical session titled “**Sustainable Transportation Systems and Charging**”

Architectures” on 19 December 2025.

- **Ms. Shyju Susan Mathew**, Assistant Professor, EED, served as resource person for the talk entitled “Analysis of Design Considerations for a 6 DoF Mobile Manipulator Based on Manipulability Measure” as part of the “Research Unplugged” talk series organized by IEEE GSAC RAS Kerala Chapter held on 08 November 2025.

FACULTY ACHIEVEMENTS

PAPER PUBLICATION

Dr. Dishore S. V., Assistant Professor, EED published a SCI indexed paper titled “Melioration of power quality in a grid integrated system using modular inverter fed with renewable energy sources” in Electrical Engineering, Springer Publication, Q2, IF(1.9).

INTEL UNNATI ONLINE COURSE

Ms. Manju Sreekumar, Assistant Professor, EED completed the Intel Unnati online course “Get started with Generative AI” on 24 sep 2025.

WORKSHOPS & SEMINARS

ATAL SPONSORED FDP

The Department of Electrical and Electronics Engineering completed the six-day AICTE–ATAL Faculty Development Programme on “**Electric Vehicles and Emerging Technologies: Trends, Challenges, and Innovations**” conducted from 1 to 6 Dec 2025. This intensive program brought together distinguished resource persons from IITs, CDAC, ANERT, Omega Seiki Mobility, Siemens, HCL and Hykon.



INTERNATIONAL CONFERENCE ATTENDED

Ms. Revathy K P and **Ms. Neetha Chandran**, Assistant Professors, EED participated in 10th International Conference on Human Values in Higher Education (ICHVHE 2025) organized by SRM Institute of Science and Technology, Ghaziabad, U.P. and sponsored by AICTE from 19 to 21 Dec 2025.

SEMINARS/ WEBINARS ATTENDED

Ms. Neetha Chandran, Assistant Professor EED participated in a webinar organized by CoreEL Technologies India Pvt Ltd on 19 November 2025.

INTERNSHIP BY FACULTY

Dr. Elizabeth Varghese, Associate Professor and HoD, EED attended the **DEF-Space Winter Internship** conducted by Bharat Space Education

Research Centre from 19 December 2025 to 19 January 2026 (online).

FACULTY TRAINING PROGRAMME

Department of Electrical and Electronics Engineering in association with Bimlabs Global organized two days Faculty Training Programme on “**Hands on with Autodesk Fusion 360**”. The Resource person was **Mr. Prijith P**, Head- Partnership Business, Bimlabs Global. The event was coordinated by **Mr. Aswin R. B.**, Assistant Professor, EED.

FDP/STTPS ATTENDED

- **Dr. Nisha G K**, Prof., EED completed 5-Day FDP on “**Emerging Trends in Electrical Engineering**”, held from 02 to 06 February 2026 by Dept. of Electrical Engineering, Sanjay Ghodawat Institute, Atigre, Kolhapur, Maharashtra, India
- **Dr. Anil J**, Asst. Prof., EED attended 6 Days Online FDP held from 05 to 10 January 2026 organized by Dept. of Information Technology, P.S.V. College of Engineering and Technology, Krishnagiri.
- **Dr. Elizabeth Varghese**, Associate Prof., EED participated in the Online FDP organized by the Centre for Sustainable Mobility (CSM), Dept. of ME, College of Engineering Muttathara in association with the Skill and Knowledge Development Centre (SKDC) and Kerala Knowledge Economy Mission (KKEM), held from 15 to 20 December 2025.
- **Dr. Nisha G K**, Prof., EED, **Ms. Shyju Susan Mathew**, **Ms. C Sojy Rajan** and **Ms. Surasmi N L**, Asst. Professors EED attended 6 days FDP organized by Muthoot Institute of Technology and Science from 8 to 13 December 2025.
- **Dr. Elizabeth Varghese**, Associate Prof. and HoD and **Dr. Dishore S. V.** Asst. Prof. EED attended in the online FDP organized by the Dept. of Electrical and Electronics Engineering, Amal Jyothi College of Engineering (Autonomous), Kanjirappally from 01 to 05 December 2025.
- **Ms. Revathy K P** and **Ms. Neetha Chandran**, Assistant Professor/s, EED attended a six day FDP held from 17 to 22 November 2025, in hybrid mode, jointly organized by the Department of ECE and the Dept. of Robotics and Automation, Toc H Institute of Science and Technology, Ernakulam, Kerala.
- **Ms. Revathy K P** and **Ms. Neetha Chandran**, Assistant Professor/s, EED attended a five day online FDP organized by All India Council for

Technical Education (AICTE) from 10 to 14 November 2025.

- **Dr. Nisha G K**, Prof., EED and **Ms. Surasmi N L**, Assistant Prof. EED attended Five Day Short Term Course organized by Dept. of Electrical, DIT, Kolkata, India from 25 to 29 November 2025.
- **Dr. Elizabeth Varghese**, Associate Prof and HoD, EED completed the Online FDP organized by IEDC & Dept. of EEE of Ahalia School of Engineering & Technology and NeST Digital Academy held from 17 to 19 November 2025.
- **Ms. C. Sojy Rajan**, **Ms. Surasmi N. L.**, **Ms. Sheenu P.**, and **Ms. Shilpa Susan Peter**, Assistant Professors, EED completed the 12 weeks NPTEL- AICTE Faculty Development Programme on “**OBE and Accreditation**”. Ms. C. Sojy Rajan and Ms. Surasmi N. L. secured **Elite + Gold Certificates** and Ms. Sheenu P., and Ms. Shilpa Susan Peter earned **Elite Certificates**.
- **Dr. Dishore S. V.**, Asst. Prof., EED attended a National Workshop, organized by PV Research Lab, IIITDM Kancheepuram sponsored by ANRF under SSR Activity, during 19-20, Sep 2025.
- **Dr. Dishore S V**, Asst. Prof., EED attended the program ‘Navigyaan – Navigating the Path to Educ8 & Innov8’ conducted by Automotive Research Association of India (ARAI)-AMTIF, in collaboration with TrEST Research Park and College of Engineering, Trivandrum (CET) on 26 September 2025
- **Ms. Shilpa Susan Peter**, Assistant Professor, EED attended a 5 Days Online FDP on Frontiers in Smart Energy, Technical Communication and Sustainable Innovation, organized by Dept. of EEE, Mangalam College of Engineering from 23 to 27 September 2025

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY APPOINTMENTS

CONTROLLER OF EXAMINATION

Dr. Rajesh T. N., Professor, MED took charge as the Controller of Examinations on 01 January 2026.



AHOD

Mr. Ayswer A. S., Assistant Professor, MED, has been appointed as the AHOD, with effect from 08 December 2025.



FACULTY NEWS

Dr. Nidhi M. B., Professor MED served as the Keynote speaker at ISTE GLOBAL TECHCON 2026, held in Dubai on 18 February 2026. The conference was jointly organised by the Indian Society for Technical Education (ISTE) and D. Y. Patil Agriculture & Technical University, Talsande, Kolhapur.



RESOURCE PERSONS

- **Dr. Vivek V. Kamal**, presented a topic on “Final Stages before Publication: Plagiarism, Prevention, Reference Management and Peer Review Process” at the 5 day online FDP on “Writing and Publishing in high quality Journals: From Idea to Publication” conducted by Mahaguru College of Engineering, Alapuzha on 26 November 2025.
- **Dr. Nidhi M. B.**, Prof. MED delivered a talk on the topic ‘Unlock Human Centric Smart Manufacturing in 2025: Leveraging AI, Digital Twins, and Quality Intelligence’ at the one-day national seminar on ‘AI at work – Smart way to Manufacturing – Challenges and Way Forward’ organised by the Institution of Engineers (India) Kerala State Centre, in association with GEC Barton Hill on 07 October 2025.
- **Mr. Deepak B.**, Asst Prof. MED delivered a talk on “Venturi Flow” as part of CIL - Collaborative Teaching project with UiTM MARA, Malaysia on 15 December 2025.
- **Dr. Nidhi M. B.**, Prof. MED delivered a talk at the 3-day online Faculty Development Programme on ‘Sustainable Development through Smart Technologies’ organised by the Dept of Mechanical Engineering, Lourdes Matha College of Science and Technology, Trivandrum on 16 December 2025.
- **Dr. Nidhi M. B.**, Prof. MED and Head CPDL MBCET, delivered Keynote address on the topic “Bridging Biology and Bytes the future of smart AI in healthcare” for BIOCOM 26 National Conference 26 February 2026 TKMIT - India Kollam campus.
- **Dr. Nidhi M. B.**, Prof. MED, delivered a session at the College IEEE branch ‘CLASSROOM TO CAREER’ event at the John Cox Memorial C.S.I Institute Of Technology (JIT) on February 28, 2026



INTERNATIONAL COLLABORATIONS - STUDENT MOBILITY PROGRAM

Mar Baselios College of Engineering and Technology hosted a group of five students from the School of Mechanical Engineering, College of Engineering, Universiti Teknologi MARA (UiTM), Malaysia as part of the student mobility programme that took place from 22–29 November 2025. The program was aimed to enhance academic collaboration, promote intercultural exchange, and provide students with international exposure through cultural visits and campus engagements designed to strengthen cross-cultural understanding and foster long-term academic collaboration between UiTM and MBCET.



STUDENT ACHIEVEMENTS

Adithiyan P. J. of S8 ME won the MechPrize scholarship from Armstech Engineers pvt ltd for MEP training from **Mr Aravinth B.** Training Head Armstech Engineers Pvt Ltd on February 24, 2026. The session was coordinated by **Dr Nidhi M. B.**, Head CPDL.



STUDENT NEWS

Seby Toms (S8 ME) and Joseph George (S6 ME1) were part of the students band that represented MBCET and won *First prize* in the Battle of Bands at SAINTGITS COLLEGE OF ENGINEERING AND TECHNOLOGY, Kottayam, held on 28 February 2026.

PROFESSIONAL SOCIETY - SAE (SOCIETY OF AUTOMOTIVE ENGINEERS) ONE-DAY HANDS-ON WORKSHOP ON THE BASICS OF ELECTRIC MOBILITY

SAE INDIA MBCET Chapter conducted 'VOLTZWHEELS – Powering the Future of Mobility', A one-day hands-on workshop on the Basics of Electric Mobility, centered on the technology driving the future of transportation. The workshop was conducted on February 21, 2026 and it focussed on hands on session involving EV motors, batteries and controllers. It featured EV components, Live Demos and EV Kit Assembly. Faculty coordinators: **Dr. Adarsh S. J.**, **Dr. Vivek V. Kamal**; Student coordinators: **Gautam S Warriar**, **J. S. Hemand**.



TECH TALK SESSION ON AI FOR MECHANICAL ENGINEERS

A Technical Talk on "AI IN MECHANICAL ENGINEERING – The Industry Revolution" was conducted by the SAE (Society of Automotive Engineers) MBCET chapter on Mach 13, 2026 at MED Seminar hall. The Resource person was Mr. Shanmugam Sivaraman, a veteran mechanical engineer with 30+ years of experience and 150+ product developments. It highlighted on topics: Fusing Mechanical Principles with AI, Real-world Industry 4.0 Case Studies, and Special Briefing: Exclusive Roadmap of upcoming SAE India Events & Initiatives. Faculty Coordinators: **Dr. Adarsh S. J.**, **Dr. Vivek V Kamal**; Student Coordinators Gautam, Sabari.



ME DEPT ASSOCIATION - AUTOMATA

• **IGNITION 2025:** For first year students were conducted on 7th of November 2025.



• **Christmas card making competition:**

A Christmas card making competition was conducted on 25th December 2025.



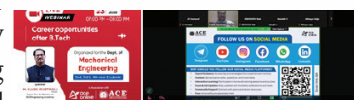
• **CAD Workshop:** A CAD workshop was conducted as part of ISTE Annual convention 2026(NEXORA) on 10th and 11th January 2026.



• **CAD Competition:** As Part of ISTE 24th Annual student convention a CAD Competition was conducted on 30th and 31st January.



• **Webinar on Career Opportunities after B.Tech:** An Online Webinar was conducted by ACE Engineering Academy Based on the importance of GATE for future career Opportunities on Feb 23, 2026. **Mr Kausik Agastyaraj**, Senior Faculty member of ACE academy took the session. Faculty coordinator: **Mr Alen K Johnson**, student coordinator: **Mr J. S. Hemand**.



PAPER PUBLICATIONS / PRESENTATIONS

• Ananth Parameswaran Nampoothiri; Adhil Navas;

- Darsan Devanand; Vighnesh Baiju; **Rajesh Thalapil Naduvilethil**; Vaisakh Satheesan Nair, "Numerical analysis on the effect of dimples on aerodynamic performance of NACA 4412 aerofoil", AIP Conf. Proc. 3385, 020031 (2026) <https://doi.org/10.1063/5.0316236>
- **Dr. Arun M. G.** et. al. has published a research article titled "Acoustic characteristics of wall jets in the developing regime " in the International Journal of Aeroacoustics in September 2025. <https://doi.org/10.1177/1475472X251382216>
 - **Dr. Vivek V. Kamal** et. al. has published a research article titled "Optimization and tribological evaluation of graphene oxide coating on surface-textured AISI 52100 steel using Taguchi method" in the SAGE Journal on 'Tribology - Materials, Surfaces & Interfaces' in September 2025. <https://doi.org/10.1177/17515831251378586>
 - **Dr. Vivek V. Kamal** et. al. has published a research article titled "Enhancement of Tribological Behavior of PTFE-Coated AISI 52100 Alloy Using Graphene Oxide and Laser Texturing: A Study Using Custom-Developed Dip Coating Setup" in the SPRINGER NATURE Journal on 'Materials Engineering and Performance' in September 2025. <https://doi.org/10.1007/s11665-025-12167-5>
 - **Vinod Vijayakumar, Rajesh Thalapil Naduvilethil**, Vikram Kumar; Numerical analysis of sloshing induced bouncing and pitching motions in a tank-truck during braking conditions. *AIP Conf. Proc.* 2 October 2025; 3330 (1): 020017. <https://doi.org/10.1063/5.0291959>
 - **Bipin Sankar**, Murali, A.P., Kannan, K.R., Shankar, K.V. et al. Influence of ageing time on the microstructural and mechanical behaviour of Al-Si-Mg/coconut shell ash metal matrix composite. *Sci Rep* 16, 6629 (2026). <https://doi.org/10.1038/s41598-026-35796-9>
 - **Dr. Nidhi M. B.**, Dr. Soumya A. V., Ms. Asha S., presented a paper titled "AI Driven Environment Sustainability: Models, Tools, and SDG Acceleration Framework for Academic Institutions" in national seminar on AI as an Accelerator to SDGs: Pathways and Possibilities on 17 January 2026 at Vidya Academy of Science and Technology, Thrissur as part of ISTE convention.
 - **Vinod V**, Ulrich Simo Domguia, Bipin Balaram, Paul Wofo, "Characterization of the dynamics of free and excited Grudzinski-Zebrowski (GZ) oscillator using mathematical methods and microcontroller simulation experiment", *Physica D: Nonlinear Phenomena*, Volume 487, 2026, 135077, ISSN 0167-2789, <https://doi.org/10.1016/j.physd.2025.135077>
 - **Jacob Varghese Karingottu, Premchand V P** presented a paper titled "Analysis of Sloshing in Rectangular Tank using Machine Learning Algorithms" in the International Conference on Thermal Sciences and Sustainable Energy (ICTSE 2026), during 23 and 24 January 2026 organised by Dept. of ME, NIT Warangal.
- ### FDP/MOOC/WORKSHOPS/TRAINING ATTENDED
- **Dr. Nidhi M. B.**, Prof., MED Head CPDL attended the International Multiplier Training 2025 conducted by the Centre for Management Development (CMD), Thiruvananthapuram, on the theme "Entrepreneurship Education for All", on 17 November 2025 at Centre for Management Development, Thycaud, Thiruvananthapuram.
 - **Mr. Roshan George Koshy** completed a 12 week online MOOC course offered by NPTEL on "Microfluidics and Nanofluidics" organised by IIT Kharagpur during Jul-Oct 2025.
 - **Mr. Jacob Varghese Karingottu** completed a 12-week online MOOC course offered by NPTEL on "Drone Systems and Control" and earned an Elite + Silver certificate. It was organised by IISc Bangalore during Jul-Oct 2025
 - **Dr. Vivek V. Kamal**, Assistant Professor participated in the AICTE Training and Learning (ATAL) Academy FDP on AI Driven Materials Discovery and Design: A new frontier in materials science at Dr. Mahalingam College of Engineering and Technology from 01 to 06 December 2025.
- ### ALUMNI NEWS
- Joel Kurian Abraham**, alumni of 2021 batch has won the 'Top 5 Best Young Engineer in the Middle East' MEERA Award, 2026 on February 14, 2026. The award is presented by ISHRAE UAE Sub Chapter.
- ### ALUMNI MEET
- An online meeting was conducted for the Alumni of ME Department on 25 January 2026. Around 20 members from different batches joined the meeting which was conducted in ONLINE mode in Google Meet platform. The meeting was coordinated by **Mr. Deepak B.**, Asst Professor MED.

DEPARTMENT OF SCIENCE AND HUMANITIES

PHD AWARDED

Ms. Lekshmi I., Assistant Professor Department of S&H was awarded Ph.D degree in Mathematics for her thesis entitled “A Study on Decision Making Under Fuzzy Environments” by the Manonmaniam Sundaranar University, Tirunelveli on 29 September 2025. She coordinated a medical camp “Āyurveda For Healthy Living” as part of the Nature Club activity in MBCET in association with Susrutha Institute of Ayurvedic Sciences, Kowdiar on 21 November 2025.



FACULTY AS RESOURCE PERSON

- **Dr. Suvith V. S., Dr. Renjini M Nair, Dr. Preethi P. C., Ms. Sabitha S. Nair and Ms. Syama S. Mohan** were the judges at Sarvo Techtopia-Science Exhibition 2025-2026, held at Sarvodaya Vidyalaya on 22 October 2025.
- **Dr. Krishna Mohan G. P.** delivered a talk on “*Applications of Tensor Processing Units in Machine Learning*” at Acsia Technologies (Technopark) on 10 December 2025 and at ELIXR-Labs Technologies Pvt. Ltd., Trivandrum, on 19 December 2025.

PAPER PUBLICATIONS

- **Dr. Lekshmi I.**, Asst.Professor, Department of S&H published a research paper entitled “Fuzzy Multi-Criteria Decision Making in Sustainable Engineering “ as a chapter in the book “Facets of Some Modern Applications of Mathematics”, ISBN[978-81-993189-3-9], 2025. She published an article titled “Empowerment of Women in Tamil Nadu Based on Fuzzy Normalized Value Based Ranking Method” in the journal International Journal of Environmental Sciences (Elsevier), Vol.11, No. 20s, 2025.
- **Dr. Lakshmi J. S.** published an article in the journal -International Journal of Applied Ceramic Technology (Volume 23, Issue 1 e70123), December 2025.

MOOC

Dr. Preethi P. C., Dr. Renjini M. Nair and Dr. Lakshmi J. S., completed a 12-week NPTEL online course ‘Applied Positive Psychology’ (July-Oct 2025) with a credit point of 3 offered by Indian Institute of Technology, Guwahati.

FDP ATTENDED

Dr. Lekshmi I., Dr. Archana. P. Das, Ms. Anaswara Johny, Ms. Aiswarya Vikraman Nair, Dr. Lakshmi J.S., Dr. Renjini M. Nair, Dr. Preethi P. C., Dr. Veena Nair and Ms. Syama S. Mohan attended FDPs of different duration at various Institutions.

PAPERS PRESENTED PUBLISHED

- **Dr. Lekshmi I.** presented a paper in an International Conference on Mathematical Insights into Indian Knowledge System organized by A.P.C Mahalaxmi College For Women, Thoothukudi, Tamilnadu on February 13, 2026.
- **Ms. Lekshmy O.**, delivered an oral presentation at the International Conference on Advanced Materials, Green Energy and Sustainability (ICAMGES 2026) organized by the Department of Chemistry and the Centre for Renewable Energy & Materials (CREM), University of Kerala, held from 5 to 7 February 2026. She published a research article also titled “Corrosion Resistance of Zinc–Curcumin Metal Complex Coating on Copper in 3.5% NaCl Medium” in the international journal Pigment & Resin Technology (Emerald Publishing).
- **Ms. Syama S. Mohan** presented the paper titled “Reliability Estimation of Stress-Strength Weibull Models under Step - Stress Partially Accelerated Life Testing and Threshold - Modified Stress.” at the First International Conference on Emerging Trends in Applied Science, Management and Technology (ICEAMT '25) hosted by the Dept. of Basic Science and Humanities, Management Studies and Computer Applications, Adi Sankara Institute of Engineering and Technology, Kalady, Ernakulam, India held from July 31st to August 1st 2025.

FDP ORGANIZED

- **Ms. Akhila Jose and Dr. Shinu Asmy** organized a three-day FDP on ‘Mentoring Matters: Strategies for Effective Academic Counselling,’ conducted by the Dept. of S&H at MBCET, from 19 to 21 May 2025.
- **Ms. Akhila Jose** organized a workshop as an awareness session for the students of Mar Baselios College of Engineering and Technology on 17 September 2025, as part of National Nutrition Month, under the Community Nutrition Forum. The session was led by resource person **Ms. Uma Kalyani**.

DEPARTMENT OF PHYSICAL EDUCATION

NETBALL SECOND POSITION

Dev Narayan P (S6CS-2) represented KTU in the All India Inter University Netball Championship held at SAGE University, Madhya Pradesh and he has also secured Second position in Long Jump in the KTU Athletics Meet.



BASKETBALL CHAMPIONS

Basketball Men team of MBCET became the Winners of the following Tournaments:- KTU A- Zone and Inter - Zone Champions, Winners- FISAT Trophy, 3X3 Champions at ACE Engg. College Thiruvallam, Winner -13th Mar Baseliros Trophy.



KICKBOXING GOLD MEDAL WINNER

Shoaib Adil (S2 CS2) has secured Gold Medal at the UIC Kickboxing Federation Cup 2026 held at Calicut.



KARATE CHAMPION

Bhadra Vyga (S2 EL) secured Gold medal in under 68kg Kumite in All Kerala Inter Zone Karate championship and also represented KTU in the South- West Inter-University Championship held at Bhopal.



JAVELIN CHAMPIONS

Dr Deepak Raj secured Silver Medal and Dr. Christy Francis secured Gold Medal in the Javelin Throw Competition conducted by the University in the KTU Athletics Meet.



THE FASTEST ATHLETE

Shone C Achankunju (S8 EC2) became the Fastest Male Athlete of the University consecutively second time in 100 Mtr race with a record breaking time of 11.40 seconds he also secured Third Position in Long Jump in the KTU Athletics Meet at Chandrasekharan Nair stadium.



CHAMPION IN KATA AND KUMILE

Sherry Shaji Thomas (S2 CT) secured 1st prize in Kata and 3rd prize in Kumite in the 4th National Championship held at Jimmy



George Indoor Stadium, and also she has secured 3rd position in 5000 m walking competition in the KTU Athletics Meet.

FAST RUNNER

Karishma T Prasad (S4 CS1) has secured Third position in 100m race by clocking 14.40 seconds in the KTU Athletics Meet held at Chandrashekhar Nair Stadium.



BASELIAN PREMIER LEAGUE

The Inaugural Kick- off of the Baselian Premier League(BPL) Football Tournament was done by the Fr. John Varghese Palanilkunnathil, Director and the prize distribution for the winners was done by the Rev. Dr. Koshy Issac Punnamoottil, Bursar and Dr. S. Viswanatha Rao, Principal.



NETBALL WINNERS

MBCET Netball Men team secured Third Position and Women's Team secured second position in the Inter Zone Inter Collegiate Netball Championship.

BODY BUILDING CHAMPIONSHIP

Sidharth S Roy (S4ME) (under 65 kg.) secured First and Adithya Chandran (S4 EE, under 60 kg) secured Third prize in the District Junior bodybuilding competition held at central stadium.



VOLLEYBALL THIRD PLACE WINNERS

MBCET Volleyball Men Team secured Third position in the Tournament conducted by ACE College of Engineering, Thiruvallam.



REPRESENTED KTU

Sreehari J. S. (S1CS2) represented KTU in the South Zone Inter - University Ball Badminton Championship held at Bharathidasan University, Thiruchirappalli.



KUMITE GOLD MEDALIST

Herin Mary Tiju S4 CT secured Gold Medal in Kumite +68 Kg Sankukai-National Invitational Karate Championship held at Goa.



KTU(A ZONE) WINNERS

The MBCET Basketball Women's Team became the winners in the KTU A - Zone and runners in the All-Kerala Inter- Collegiate Championship and also winners of Mar Baselios Trophy.



REPRESENTED KTU

Diya Vijayan V. D. (S7 ECE 2) and **Krishna Veni B** (S5 CE 2) represented KTU in the South - Zone Inter-University Basketball Tournament held at Christ University, Bangalore. **Diya Vijayan V. D.** served as the Captain of the KTU Women's Team.



BENCH PRESSES :GOLDMEDALIST

Arjun R. B. (S1 ME1) snatched Gold Medal in both classic and equipped category in Bench Press Competition in the District Championship and secured Gold medal in Kerala State Championship.



HANDBALL CHAMPION

Ajay Suresh B. (S1ME) secured Third position in the Trivandrum District in the 53rd Kerala State Senior Men's Handball championship.



TENNIS CHAMPIONS

Pavan S. (S1EE) and **Aravind Ajay** (S7ME) represented KTU in the South -Zone Inter University Tennis Championship held at Jain University, Bangalore. Aravind has been selected 3rd time as the Captain of the University team.



HATTRICK WINNERS

Tennis Men team of MBCET lifted the Champions trophy consecutively 3rd time. Competition was held at Kollam.



EXPERT IN KALARIPPAYATTU

Pavan S. of S1 EEE secured Bronze Medal in State level and secured Gold Medal in Kalaripayattu (KETTUKARI PAYATTU) Championship held at Central Stadium.



YOGASANA CHAMPION

Ananya Biju Kumar S5 ECE-2 represented KTU in the South-Zone Inter- University Yogasana Championship held at Vyasa University, Bangalore



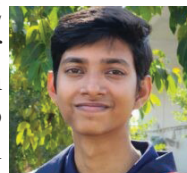
GRAPPLING CHAMPION

Aishwarya Balakrishnan Menon (S5 EC) wins Silver Medal in the Nationals Grappling Championship in Gi and Non Gi category held at Nandini Nagar College, UP



SHARP SHOOTER

Abhinav Krishna of S2 ME represented KTU in the All India Inter University Shooting Competition held at Meerut, UP and also represented in 28TH Senior National Shooting Championship



MBCETIANS REPRESENTED KTU

Rohan P. C. (S5 ME), **Aromal R. Chandran** (S5 EL), **Sanjay Krishnakumar** (S3 EL), **Ashish E.** (S5 CE), **Sachu Santhosh** (S1 CT) represented KTU for the South Zone Inter University Basketball Tournament held at SRM Institute of Science & Technology, Chennai

REPRESENTED KTU

Ashna Rachel Shine (S7CE2) represented KTU in the South Zone Inter University Kabaddi Championship held at Vinayaka Missions Research Foundation, Chennai.

REPRESENTED KTU IN NETBALL

Diya Vijayan V. D. -S7 ECE 2 and **Krishna Veni B** -S5 CE 2 and **Chaithanya P Sunil** - S5 CS are Represented KTU for the All India Inter University Netball Championship held at Sage University, Bhopal.

REPRESENTED KTU IN TABLE TENNIS

Juhi Elizabeth John (S7CT) Represented KTU for the South Zone Inter University TABLE TENNIS Tournament held at Gitam University, Visakhapatnam.



KABADDI WINNERS

Kabaddi Women Team became the Winners in the KTU A- Zone and IV place in the Inter- Zone Tournament.



TENNIS CHAMPIONS

Table Tennis Men Team became the Champions and Women Team became the Runner - Up in the KTU A- Zone Inter- Collegiate Tournament



AI EXPO: VISION BEYOND SIGHT

The “Vision Beyond the Sight” AI Expo and Interactive Session, organized on 17 December 2025 by the Kerala Federation of the Blind Youth Forum in association with RCG Foundation and MBCET, conducted as part of World Disability Day observance. The AI Expo and Assistive Technology Exhibition held at the Amenity Centre showcased various assistive devices, applications, and accessibility tools. This was followed by an interactive session at Senatus Hall. 51 members attended the interactive session. Organising team: **Dr. Deepak Raj** (HoD, Phy.Education and Faculty Members of Assistive Technology group, MBCET).

MBCET LIBRARY ACTIVITIES

- The MBCET Library conducted the following events: A seminar titled “Value of IEEE Xplore and EBSCO E-Books in Project Work” for all S6 students from the Departments of Electronics and Communication Engineering (ECE), Computer Science and Engineering (CSE), and Electrical and Electronics Engineering (EEE). The event took place in Vishwesharayya Hall on 5 January 2026. The resource person was Mr. Nandalal T.S., Senior Training Manager at EBSCO Information Services. Co-ordinator: **Mr. Binu K. John**, Librarian.
- A webinar for S6 Mechanical Engineering students on “Empowering Access to Mechanical Engineering Literature: Explore, Learn, and Succeed with Knimbus Remote Access.” The session was presented by Mr. Manikandan Jayakrishnan, Trainer for Knimbus Remote Access, New Delhi, on 14 January 2026 at Laurie Baker Hall. Co-ordinator: **Mr. Binu K. John**, Librarian.
- A seminar on “Effective Utilization of the Library & E-Resources” for S6 Civil Engineering students at Laurie Baker Hall on 17 December 2025. The session for CE2 students was held from 11:30 AM to 12:30 PM, followed by the session for CE1 students from 1:30 PM to 2:30 PM. The resource person was **Mr. Binu K. John**, Librarian, and the event was coordinated by **Mr. Sambhu B. K.**,

Asst. Librarian.

- MBCET Library renewed access to IEEE (ASPP+POP ALL), ASME, ASCE, EBSCO Engineering E-Books, DELNET database, Knimbus Remote Access & KOHA ILMS on cloud.

A YEAR OF PURPOSE, PASSION, AND PEOPLE: NSS MBCET IN ACTION (2025–2026)

The National Service Scheme (NSS) Units 230 and 706 of Mar Baselios College of Engineering and Technology (MBCET) have once again demonstrated that true education goes beyond classrooms—rooted in compassion, driven by responsibility, and expressed through meaningful action. The academic year 2025–2026 stood as a vibrant testimony to the unwavering spirit of volunteerism, as NSS volunteers engaged in a wide spectrum of impactful initiatives that touched lives, built communities, and inspired change.



BUILDING BONDS, SHAPING LEADERS

The year began with dynamic one-day camps and volunteer engagement programmes aimed at nurturing leadership, teamwork, and confidence among students. Through energetic ice-breaking sessions and interactive learning experiences led by resource persons like **Mr. Sujith Surendran**, volunteers overcame hesitation, built strong connections, and developed essential life skills. Special camps for S3 volunteers further reinforced discipline, communication, and leadership, laying a strong foundation for future service.



SERVICE THAT SAVES LIVES

One of the most remarkable highlights was the Mega Blood Donation Camp conducted in collaboration with the Regional Cancer Centre, which resulted in the collection of 45 units of blood. Complementing this were awareness campaigns, flash mobs, and orientations like Rudhiraseena initiatives, all aimed at promoting voluntary blood donation and breaking myths surrounding it. These efforts reflected the volunteers’ commitment to being lifesavers in society.



VOICES AGAINST SOCIAL CHALLENGES

NSS MBCET actively addressed pressing social issues through impactful awareness programmes.

Anti-drug campaigns instilled the importance of a drug-free lifestyle, while mental health initiatives like “Unfiltered” created safe spaces for discussions on emotional well-being. Sessions such as “Spark the Change” emphasized responsible energy use, while alumni talks on “Engineering for Social Good” inspired students to align their careers with social impact and ethical responsibility.

CHAMPIONING SUSTAINABILITY

Environmental consciousness remained at the heart of NSS activities. From scrap collection drives and plastic collection campaigns (collecting around 150 kg of waste) to participation in the Green March 2025 on World Environment Day, volunteers consistently advocated for a cleaner and greener planet. Webinars on climate action, NRPF orientations, and hands-on initiatives promoted sustainable living and environmental stewardship among students and the community alike.



CELEBRATING NATION AND VALUES

Patriotism and civic responsibility were celebrated with great enthusiasm during Independence Day and Republic Day. Flag hoisting ceremonies, parades, flash mobs, public quizzes, and awareness drives transformed campuses and public spaces into hubs of national pride. Badge and flag distribution programmes extended these celebrations beyond the campus, engaging the wider community in the spirit of unity and freedom.



EXTENDING A HAND OF COMPASSION

True to the NSS motto, “Not Me, But You,” volunteers reached out to those in need through impactful social service initiatives. Food donation drives distributed 355 meal packets to the needy and extended financial support for a child battling leukemia. Book distribution drives supported underprivileged students, while cleanliness drives at Snehaveedu and other locations reinforced the importance of hygiene and dignity in living conditions.



LEARNING BEYOND CLASSROOMS: THE 7-DAY CAMP EXPERIENCE AND NATURE CAMP

The NSS 7-Day Special Camp stood out as a transformative journey for 75 volunteers. From conducting community surveys at Manasagramam to engaging in cleaning drives, hospital visits, and road safety rallies, each day brought meaningful learning experiences. Sessions on leadership, positive thinking, and social awareness enriched the volunteers' perspectives, while cultural programmes fostered unity and creativity. The camp concluded with a renewed sense of purpose, leaving lasting impressions on both volunteers and the community. Nature Camp for selected 40 volunteers were enriched with environment experience, kind to other living beings and positive thinking.



SPREADING AWARENESS, INSPIRING ACTION

From road safety runs and walkathons promoting palliative care awareness to campaigns on Anti-drug day, Engineer's Day, etc. NSS volunteers consistently stepped forward to educate and inspire the public. Their active participation in university-level initiatives and public engagement programmes showcased their dedication to societal well-being.



CONCLUSION: A LEGACY OF IMPACT

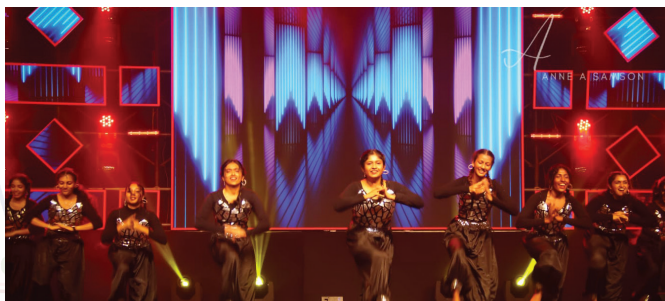
The journey of NSS Units 230 and 706 at MBCET during 2025–2026 is a story of dedication, empathy, and collective action. Each initiative, whether big or small, contributed to building a more aware, responsible, and compassionate society. Through their tireless efforts, NSS volunteers have not only served the community but have also evolved into responsible citizens and future leaders.

TRAINING AND PLACEMENT UNIT

The Training and Placement Unit has demonstrated commendable performance this academic year, securing 222 placement offers along with 41 internship offers in reputed organizations. Students received opportunities from leading companies such as EY-GDS, UST Global, Infosys, IBM, South Indian Bank, Zoho (Asimov Robotics), Allianz Services, TCS, Quantiphi, H&R Block, and Litmus7, among others. The highest salary package offered during the year stood at 15 LPA, reflecting the quality and industry readiness of the students.

COLLEGE DAY CELEBRATIONS







MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

Established: 2002 | Autonomous: Since 2020

NAAC Accreditation (A Grade): Since 2016

NBA Tier 1 Accreditation for 5 B.Tech Programmes

College code : MBT

COURSES OFFERED

B.Tech Programmes

- B.Tech Civil Engineering. 120 seats
- B.Tech Computer Science and Engineering. 120 seats
- B.Tech Computer Science and Engineering (Artificial Intelligence). 60 seats
- B.Tech Electronics and Communication Engineering. 120 seats
- B.Tech Electrical and Electronics Engineering. 60 seats
- B.Tech Electrical and Computer Engineering. 60 seats
- B.Tech Mechanical Engineering. 90 seats

M.Tech Programmes

- M.Tech Computer Science and Engineering. 18 seats
- M.Tech IoT and Sensor Systems. 18 seats
- M.Tech Machine Design. 18 seats
- M.Tech Structural Engineering. 18 seats
- M.Tech Transportation Engineering. 18 seats
- M.Tech Environmental Science and Engineering. 18 seats

New M.Tech Programme started in 2026

M.Tech Artificial Intelligence and Data Science. (18 Seats)

Ph.D in all Branches

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