



MBCET e-bulletin

MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

Accredited by NAAC with A Grade . All B-Tech programmes accredited by NBA

Christmas Message From Bursar



Dear All,

Christmas season is among us with so much hope and joy. Each one of us must try to radiate this joy in our family and the society.

This year's Christmas celebrations has a special significance when humanity continues to suffer due to the spread of Covid-19 pandemic. We all stand in utter dismay in front of the destruction the tiny virus has caused. Our scientific and technological advances have not yet been successful in finding a permanent solution to this disease. Yet, Nations are engaged in challenging each other for economic dominance rather than supporting each other in order to combat the coronavirus. After almost a year of the spread of the virus, we are beginning to see some light at the end of the tunnel with the news of the invention of vaccines by various Nations. Let us hope and pray that the vaccine will be effective and will be available to everyone.

During this time, because of the halt of our normal life activities, many of us may feel sad and even depressed. But the Baby in the crib is a powerful symbol of hope and joy. The light generated from Infant Jesus was powerful enough to attract the Magi and the Shepherds to Bethlehem from a far away place. There is so much light hidden inside us. We should be willing to share this light with all those who are around us. A little light in us may be able to brighten the life of a person who is in darkness. When we reflect in our lives the love, compassion, and goodness of Jesus through our words and deeds, we are actually removing the darkness from this world.

Peace, harmony and careful use of natural resources are necessary for a happy living for us on this earth. Not only that we have to conserve but also to preserve everything for our future generations too. Let us join our hands along with our hearts to share the spirit of oneness and mutual support in the days of this pandemic with the hope that life will return to normalcy soon. Our resolve to serve the poor and needy, and everyone around us is our best Christmas preparation. On behalf of the entire MBCET family I wish you all a Merry Christmas and a Prosperous Year 2021!

Rev.Fr. John Vilayil

Student Achievements



Deepthi G.A. , Anceta Sabu , Sowmiya V. and V.S. Devika, S7 EC2, won the Second Prize in the Idea Pitching competition conducted as part of the IEEE EMBS CONCLAVE 2020 organized by IEEE EMBS Kerala Chapter on 12th December 2020. Faculty Mentors : Ms. Lani Rachel Mathew and Ms. Amritha B.J., Asst. Professors, Dept of ECE.

Ideathon Winners



Team Mech Boys bagged 2nd place in the Ideathon conducted by IEDC, College Of Engineering Adoor. The team presented a Bicycle Tractor during the idea pitching round.

Faculty Expert Talk



Dr. Jayakumari J. , Professor, Dept of ECE, delivered an invited talk on “Development of Portable Brain Computer Interface for Medical Applications” as part of the IEEE 2nd International Conference on Circuits and Systems (ICCS 2020), co-organized by University of Electronic Science and Technology of China and Sichuan Institute of Electronics and technically sponsored by IEEE CDEA Chengdu Chapter, Sichuan University, China, Singapore Institute of Electronics, National Institute of Astrophysics, Optics and Electronics, INAOE, Keio University, Japan and The University of Manchester, on 11th December 2020.

Professional's Comment...



Sreekanth Narayanan,
Business Development Manager,
McGraw Hill

“Let's be the change for a better India”

Covid pandemic has paused the entire education system. The whole world is seeing this as a time of changes. Let's take this as an opportunity to think and re-engineer our education system. Taking Mahatma Gandhi's words “If you want to change the world, start with yourself”. Think of how you as a student / faculty can contribute to this change. Let's be the change for a better India.

New Controller of Examinations (CoE)



Fr. John Vilayil, Bursar led the Blessing Ceremony of the Office of CoE on 15th December 2020.



Mr. M Pradeep, Asso.Prof. Dept. of ME assumed charge as the Controller of Examinations. Ms. Asha S, Asso.Prof. Dept.of CS will be the Deputy Controller (Examination). Ms. Bindu Biju, Asst. Prof. Dept. of CE will be the Deputy Controller (Evaluation).

Invited Talks



Dr. Nidhi M. B., Asso Prof, MED gave a talk on the 'National Educational Policy 2020' organized by IIC, MBCET in association with MoE's Innovation Cell on 17th December 2020.

Mr. Bobin Saji George, Asst. Prof, MED, delivered invited talk on the topic 'Renewable Resources for Rural Development' organised by Dream Team 4 Society, an NGO, in connection with World Energy Conservation Day, on 14th December 2020.



IEEE- SIGHT Competition



IEEE Special Interest Group on Humanitarian Technology (SIGHT) of MBCET and IEEE SIGHT Kerala Section jointly organized a technical article writing competition 'WE WRITE WE INNOVATE' on 7th

December 2020. The winners were announced on 14th December 2020.

NSS Poster Design Competition



In connection with the observance of World AIDS day on December 1, NSS MBCET Unit No:230 in association with Kerala State AIDS Control Society (KSACS) has organized a poster making competition based on the theme 'Global Solidarity Shared Responsibility'. A Samyuktha Syam, S1 EEE got first prize and Henry Christudas Isaac, S5 ME won 2nd place.

IEDC

CATALYZER

Automatic Hand Sanitizer Dispenser
Designed By
Mr. Vishnu P Kumar
S5 EC-2

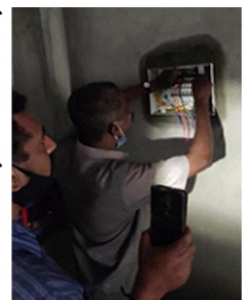


CATALYZER"- an automatic hand sanitizer dispenser, designed by

Vishnu P. Kumar (Robotics and IoT Community Head, IEDC) of S5 EC2, was installed at the Office of the Bursar and was activated for use by Fr. John Vilayil, Bursar.

ILLUMINA to Light Up

Illumina, the Association of Department of EEE, has contributed to a noble cause as a part of Social service by completing the Electrification work (Wiring and Installation) of a house with the support of the Faculty and the Technical Staff. The work was completed on 14th December 2020.



LIBRARY

MBCET Library Subscribing E-Resources

E-Journals

IEEE – ASPP, ASME, ASCE, IEI (India)

E-Books

EBSCO Engineering

Digital Database

DELNET

Remote Access facility and Mobile App for E-Resources using Knimbus platform

FACULTY TRAINING



Mr. Arun J.S, Asst. Professor, Dept of ECE., has successfully completed the following courses (offered through Coursera) in the month of December.

‘The Sustainable Development Goals - A global, transdisciplinary vision for the future’ authorized by University of Copenhagen.

‘Design-Led Strategy: Design thinking for Business Strategy and Entrepreneurship’ authorized by The University of Sydney.

IEEE POWER AND ENERGY SOCIETY STUDENT BRANCH CHAPTER

IEEE approved the new IEEE Power and Energy Society Student Branch Chapter in Mar Baselios College of Engineering and Technology under Kerala section on 13 December 2020.

Ms. A. N. Archana (Asst. Professor, EEE) is the Faculty Advisor and Nikhil. M. Nair of S5EE1 is the Student Chair of IEEE PES MBCET Student Branch Chapter.

CENTRE FOR SCIENCE AND ENVIRONMENT (CSE)

MBCET joined the Centre for Science and Environment - CSE's Forum of Green Campuses. Ms. Jomole Joseph P, is nominated as point of contact from the College. Ms Jomole Joseph P (EEE), Ms. Jaya S Pillai (CE), Dr. Nidhi M B (ME), Dr. Jisha S V (CE) and Ms. Soumya A V (EEE) are attending the Online Training programme on Data Collection, Assessment and Planning for a Green Campus organized by CSE, under this Initiative, from December 14 -18, 2020.

Alumnus News



Mr. John Wilson (Alumnus of 2013-2017 Batch, Dept of ECE) got admission for MSc Data Science and Analytics, in Royal Holloway University of London.

TRAINING AND PLACEMENT

Ms. Arva S. Swami, S7 ME got placed in the Energy Wing of Guidehouse Navigant Consultants, Trivandrum and two others from ME are in the waiting list.

Goutham Sidhardha, Kavya Suresh, Surya B Jyothi, S7 CS got placement in Investnet.

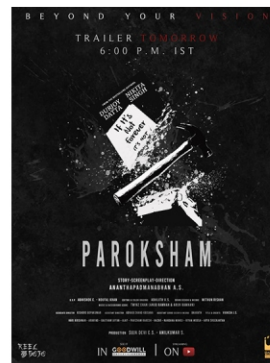
Infosys InfyTQ upgrade test for the Power Programmer/Systems Engineer Specialist role was conducted online on 13th December 2020.

Experion Technologies recruitment process online test and the pre-placement talk were conducted on 15th December 2020.

AKSHARAM FEST WINNERS



PAROKSHAM- A SHORT FILM



The Short Film will be released on 19 th December 2020 on Goodwill Entertainments Youtube Channel. The film has been produced by the Alumni of EC Dept, Advaid Chand Krishna, Kishore G., Noufal Khan, Feba Mary, Devika Nair M. H., Tania Sam, Ananthapadmanabhan A. S., 2016-2020 batch.

THE BIG PICTURE PHOTOGRAPHY COMPETITION



THEME: NEW NORMAL

The Big Picture, an online Photography Competition was conducted by the FRAMES in association with the MBCETAA Middle East Chapter with the theme ‘The New Normal’ which was very much inline with the current situation of the pandemic. Mr. Vishnu S. Kumar, Chief Operating Officer, Create Media Lounge, headed the Jury Panel. The winners were Aslam Muhammed S.(I prize), Salman M. Sulphi (II prize) and Arya S. Potti (III prize). Special Appreciation was given to the entries by Timothy C. Mathew, Vaishnavy Menon and Adithya Krishna S.

ASCE STUDENT CHAPTER

• As part of the Know Your Alumni series, MBCET Student Chapter of ASCE invited Mr. Harikrishnan R. I., Assistant Commandant, and CRPF (CE Alumnus 2006-10) was an Invited Guest in the Know Your Alumni Series. Google meet on 5th December 2020. He has been awarded the Internal Security Medal in 2018.

• MBCET student chapter of ASCE conducted a webinar on blood donation on 7th December 2020 at 6:15pm via google meet. The session was taken by Mr. Blesson Paul, Field Officer KTU NSS Cell. He also serves as an IT manager at KLM Group.

STUDENT PRESENTATION AT CONFERENCE



Aleena Seban, M.Tech Structural Engineering (2019 passout) guided by Dr. M Satyakumar, Professor, Department of Civil Engineering, presented a paper on Numerical Slosh studies of multiple ‘ring baffles in a semi-cryogenic fuel tank’ at 3rd structural integrity conference and exhibition held at Indian Institute of Technology Bombay, 11-13th December 2020.



K Anjali Raj, M.Tech Structural Engineering (2019 passout) guided by Aneena Babu, Assistant Professor, Department of Civil Engineering, presented a paper on “Fracture evaluation of a high pressure gas bottle by J – integral based failure assessment diagram using ANSYS” at 3rd structural integrity conference and exhibition held at Indian Institute of Technology Bombay, 11-13th December 2020.

Christmas Celebration 2020



Staff Club MBCET conducted Christmas celebration on 17th Dec 2020 at Amenity Hall. Fr. John Vilayil Bursar inaugurated the function by cutting the Christmas

Cake. Christmas song were sung by staff members. All staff members participated following Covid protocol.

ISTE Faculty Convention 23rd January 2021, for details visit: mbcet.ac.in

UPCOMING EVENT



Tensorz Club

Registration link:

<https://forms.gle/Ec2xtYANQbpPpXn9A>

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