

ASCE ACTIVITIES 2021-22

WOMEN'S DAY CELEBRATION

MBCET Student Chapter of ASCE celebrated Women's Day online on March 8th 2021 to recognize the extraordinary acts of women and also to advance gender equality. The team members made a very enlightening video pertaining to women empowerment and roles played by women in our society which was shared in the social media handles of the chapter.



ASCE NATIONAL CONFERENCE 2021

All the committee members of MBCET Student Chapter of ASCE attended the ASCE India Student Conference held online, hosted by ASCE-Vellore Institute of Technology Student Chapter from 19th to 21st March, 2021.

The committee members formed groups to participate in various events like ASCE Sustainable solution competition, challenging students to develop a stronger understanding of sustainability construction, Surveying competition, Paper presentation, 'Ace the space' wherein the students had to design a Micro home, Cad-a-thon to challenge participants CAD skills and Unbreakable-quiz event. Discussions regarding the competitions, queries, selection of host for the upcoming year were done in the business meeting conducted on the first day of the conference.



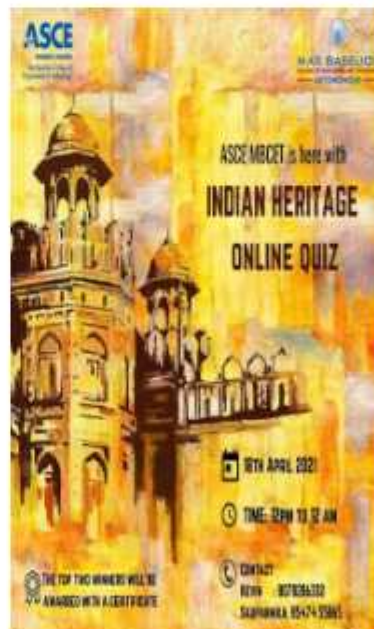
FOOD DONATION DRIVE

MBCET Student Chapter of ASCE conducted a food donation drive on 14th April, 2021 at Thampanoor, Thiruvananthapuram. The committee members donated Rs. 2500/- for sponsoring the food prepared by Kudumbashree catering services. The catering services prepared 100 food packets for distribution. Three committee members visited the venue to actively take part in the food distribution, following Covid protocols.



WORLD HERITAGE DAY QUIZ

MBCET Student Chapter of ASCE conducted a quiz on Indian Heritage to commemorate World Heritage Day. The event was conducted on 18th April with the quiz being open from 12pm to 12am. The participants had a duration of 4 minutes to complete the quiz. The top two winners were awarded with an e-certificate.



POSTER MAKING COMPETITION

MBCET Student Chapter of ASCE conducted a poster designing competition to celebrate Labour Day observed on May 1st in India. The participants were given a deadline till May 2nd to submit their works. The participants were free to submit their posters in traditional or digital medium. E-certificate was issued to the winner of the event.



MASK SURVEY

MBCET Student Chapter of ASCE organized a mask survey to gather and study information on the efficient usage of masks by the public and the awareness of importance of masks among people. The survey was conducted through google form. A total of 354 responses were obtained for the survey. The survey proved to be useful in understanding the behaviours, needs and opinions of different people in relation to wearing masks. The main aim of the survey was to gather statistics to better organize events to spread awareness and increase the proper usage of mask in the future.

A screenshot of a Google Form titled 'Survey on Usage of Face Mask'. The form is divided into two sections. The first section, labeled '1. Which is the face covering that you frequently use?', contains a list of options with checkboxes: Surgical mask / Medical mask, Respirator (Filtering Facepiece Respirator - FFP1, FFP2 etc.), N95 Respirator, Cloth mask, Bandana, and Other. The second section, labeled '2. What according to you are the effective ways of wearing a surgical face mask?', shows two illustrations of a person wearing a surgical mask. The first illustration shows the mask covering the nose and mouth, with a checkbox labeled 'a'. The second illustration shows the mask covering only the mouth, with a checkbox labeled 'b'.

CAPTION CONTEST

MBCET Student Chapter of ASCE conducted a caption contest on the occasion of World Environment Day, celebrated on 5th June, 2021. A picture was sent along with the writeup and the participants were instructed to submit an original and relevant caption for the same. The winning caption was featured on the Instagram page of the chapter.



KNOW YOUR ALUMNI

As part of the KYA series, MBCET Student Chapter of ASCE invited Ms. Parvathy Nair Patel from the 2005-2009 Civil Engineering batch of MBCET. This instalment of the KYA series was conducted through Google meet on 12th June, 2021 from 6:30-7:30 pm. Ms. Parvathy is working as a Technical Officer in the Central Public Health and Environmental Engineering Organization, Ministry of Housing and Urban Affairs, Govt. of India.

She talked about her work and a few projects handled by her department. She gave insight on the Covid waste disposal scheme in India, the various processes involved and the difficulties associated with its implementation all over India. It was a very interactive session and the participants had a great time listening to her experiences from college and work life. Her tips on how to excel in interviews and clear Government exams were very useful.





COVID-19 FUNDRAISING EVENT

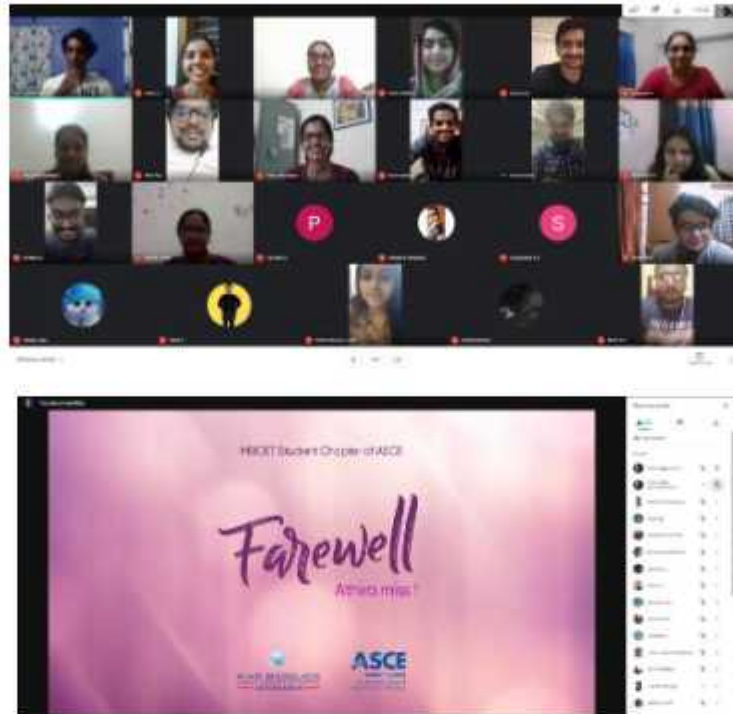
MBCET Student Chapter of ASCE organized a fundraising event called the “₹20 Challenge”, for inviting donations, as a contribution to the Covid relief funds and activities. The front-line volunteers, health workers as well as the common people are getting short-handed on safety and cleaning supplies during this Covid crisis. The chapter decided to organize the event to contribute to their safety and well-being. Donations were received from 12th June to 23rd June. A total of Rs. 4000/- was collected and given to a group of Covid relief volunteers from Vellarada Panchayat, Trivandrum. The money was used for purchasing safety supplies like mask, gloves, PPE kit, chlorination liquid and sanitizer which were then distributed to those in need.



FAREWELL FOR FACULTY ADVISOR

MBCET Student Chapter of ASCE organized a farewell meeting for the Co-advisor of the chapter, Ms. Athira I. C. on 13th June, 2021 through Google meet. All the chapter members as well as faculties and former members gathered together online to show our gratitude for her everlasting support and guidance. The committee members also organized fun events which made the

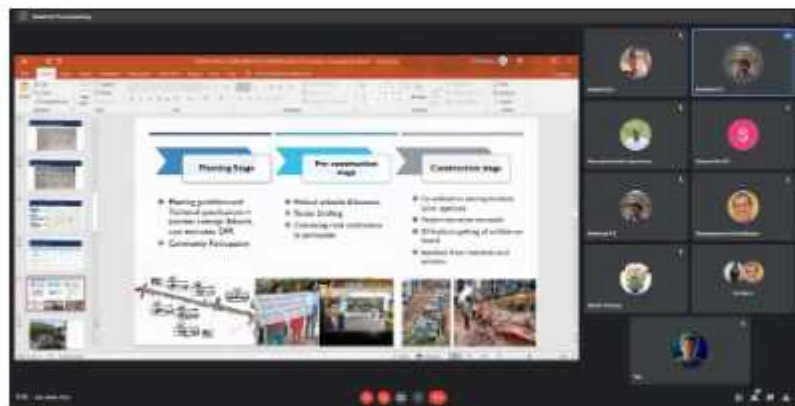
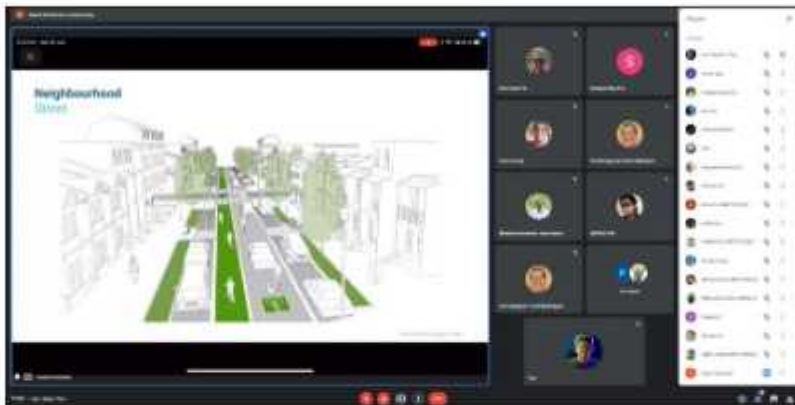
programme really memorable. The meeting ended with welcoming the new Co-advisor of the Chapter, Ms. Anupama Krishnan D.



TALK ON BASICS OF URBAN STREET DESIGN AND BENGALURU CITY INITIATIVES

MBCET Student chapter of ASCE organized a talk session on the “Basics of Urban Street Design and Bengaluru City Initiatives” on the 26th June, 2021 from 5:00 to 7:00 pm through Google meet. The session was handled by Mr. Kawin Kumaran, Co-founder and Creative Head, Street Matrix Pvt. Ltd., Bengaluru and Ms. Reshma P.S., Assistant Professor, Global Academy of Technology, Bengaluru.

The talk dealt with basic design concepts which not only satisfies the safety, fast and convenient function of urban roads but also protects the surrounding environment and landscape. The session also included an overview of the Tender S.U.R.E Project executed in the central business district of Bengaluru, with regard to providing an equitable division of the right of way and fixing the chaos during peak hours. Prof. A Veeraragavan, Professor, IIT Madras also joined the session and interacted with the participants. Over 50 participants including students, faculties and experts attended the talk.



UBA VIDEO MAKING COMPETITION

A seven-member team from the MBCET Student Chapter of ASCE won third prize in the video making competition organised by **Unnat Bharat Abhiyan** for UBA institutions focusing on awareness throughout the pandemic. The video was created based on themes mentioned in the competition.



ONAM CELEBRATION 2021

MBCET Student Chapter of ASCE and Indian Plumbing Association (IPA) Student Chapter jointly organised a resplendent virtual Onam celebration on 19th August, 2021 from 9:30 AM to 11:30 AM. The event was hosted through Google meetings App. Participants tried to keep the spirit of the festival alive by dressing up in traditional attire and presenting dance, music and instrumental recitals. Many fun events like puzzles, guessing games, lucky draw was also hosted in between the celebration to keep the participants engaged. About 100 participants attended the event.

Special guests of the event were Fr. John Vilayil, Bursar (MBCET), Dr Abraham T. Mathew, Principal (MBCET), Prof. S. Viswanatha Rao, Vice Principal (MBCET), Dr. S. Jayasree, HoD, Dept. of Civil Engineering (MBCET), Er. Nandakumar, IPA TVM (Trivandrum) National Executive Committee Member, Er. Renny Koipuram, IPA TVM chapter Chairman. The practitioner advisors for ASCE-MBCET Dr. Kuncharia P. Issac, Director General, XIME Group of Institutions and Mr. Kesavan Gangadharan, Structural Consultant, Iyer and Mahesh also attended the event. Faculty advisors of ASCE-MBCET Dr. Neethu Roy, Ms Anupama Krishna D. and IPA Student Chapter Mr. Jobin Joy, Assistant Professor, Dept. of Civil Engineering (MBCET) also attended the event.

The programme was a massive success and helped to keep up the festive spirits high and strengthen the feeling of harmony and fraternity.



FOOD DISTRIBUTION EVENT

As a part of Onam celebration, MBCET Student Chapter of ASCE organised a food distribution event on 30th August, 2021 near Thampanoor Bus stand in Trivandrum, Kerala. A total of 100 food packets were distributed. Two of the committee members took active participation in the distribution following the Covid protocols.



CIVILIZE 2021-22

As part of the recruitment program "Civilize," the MBCET Student Chapter of ASCE 2021-2022 conducted a recruitment program to recruit members. In addition to the recruitment, the program mainly focused on inviting enthusiastic students to represent the MBCET Student Chapter of ASCE at the ASCE Indian Region Student Conference 2022 to be held at Vellore Institute of Technology, Vellore, Tamil Nadu.

The program consisted of three phases. The deadline for Phase 1 was on 12th September 2021. Phase 2 was on 3rd October 2021, and finally, Phase 3 was on 8th October 2021.

Phase 1- The interested students in joining ASCE should register their membership with ASCE and creatively send a self-introduction video explaining their reasoning for joining in less than one minute.

Phase 2- Empowerment: Different general tasks were in a Question Wheel "JAM" (Just A Minute), and students had to speak about it in 1 minute, through which their skills were tested and analysed.

Phase 3- The final phase was an interview of the students wherein they had to respond to the questions by our faculties on which the interview took place.



ASCE MBCET TEAM 2021-2022



ASCE **MBCET STUDENT CHAPTER OF ASCE**
Committee Members 2021-22

Activities Committee

			
Daina Susan Soey HEAD	Ardra V.M.	Ganesh GS	Athira S

Food Raising Committee

		
Shivani P S HEAD	Krishna S Aj	Ahmad Sahil

ASCE MBCET

ASCE **MBCET STUDENT CHAPTER OF ASCE**
Committee Members 2021-22

Membership Committee

		
Shivani S HEAD	Parvathy S A	Aron Alex

Meeting Room Committee

		
Merlin P K HEAD	Feba Ann Varghese	A.P.Prasanthi

ASCE MBCET

DIWALI FOOD DRIVE

MBCET Student Chapter of ASCE conducted a food drive in connection with Deepavali. The chapter collected a total of Rs.2500 from the students and staff advisors. Five members of our chapter distributed a hundred food packets to the people in need at the Thampanoor bus stand on 04.11.2021 between 11:30 am and 12:00 noon. It was indeed a heart-warming moment to see the smiles of those people.



ABOUT NOTION

As a part of the Seizing The Day series conducted by the MBCET Student Chapter of ASCE, an interactive session was organized by Rahul Sunil exclusively for Committee members on 13th November 2021 through google meet from 6.20 pm to 7.20 pm.

Rahul Sunil, who is currently a 7th-semester student in MBCET, is also the acting Chief Executive officer of Catalyst Mar Baselios IEDC MBCET and Vice Chairperson of IET MBCET. He talked about a topic that was new to us, which is Notion. He shared his experiences using Notion and taught us how to use it (how to create a page/content, note-making, so on). It was an interactive section where he cleared our doubts and appreciated the poster work done for him by one of our team members. A total of 17 people attended it effectively

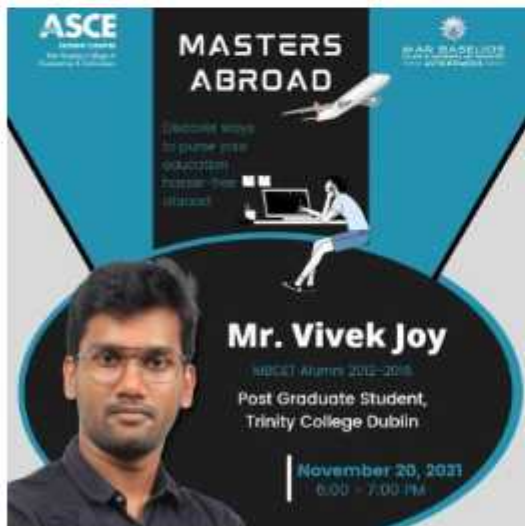


MASTERS ABROAD

As a part of the ASCE MBCET student chapter, an online talk session was conducted on 20th November 2021 from 6:00-7:00 pm by Mr. Vivek Joy through Google meet. Mr. Vivek Joy is an alumnus of MBCET, a 2016 pass-out. He recently completed his MSc in Transportation Policy and Planning from Trinity College Dublin.

He talked about the different areas of scope in higher education. He also enlightened the audience on things we need to be careful about while applying to a foreign university. He was also kind enough to share his personal experience and helped the audience to clear their doubts.

It was indeed an interactive and helpful session with overall 33 people attending.





INDUCTION PROGRAMME

MBCET Student Chapter of ASCE conducted an insightful Student Induction Program for our new MBCET family members on November 26, 2021. The duration of the induction program was 1 hour each for two civil classes held at the Laurie Baker Hall at Civil Engineering Block. The session gave the students an overall idea about ASCE & its relevance, the working of a Student Chapter & its significance in shaping the academic & professional profile of Civil Engineering Students, the various committees under the MBCET Student Chapter of ASCE & the recruitment process. The event also had some fun and entertaining activities.

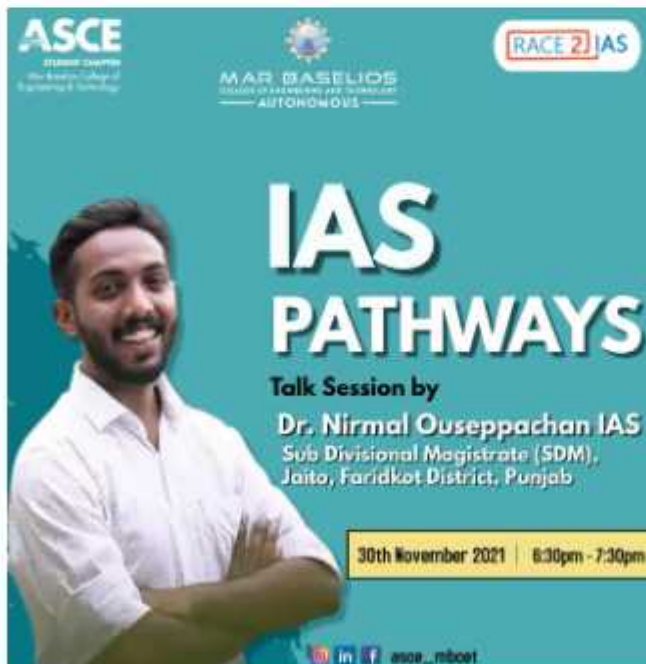




IAS PATHWAYS

In association with Race2IAS ASCE MBCET Student Chapter conducted an online talk session on 30th November 2021 at 6 pm through Zoom. It was a motivational and interactive session with Dr. Nirmal Ouseppachan IAS [Sub-district magistrate (SDM), Jaito, Faridkot District, Punjab].

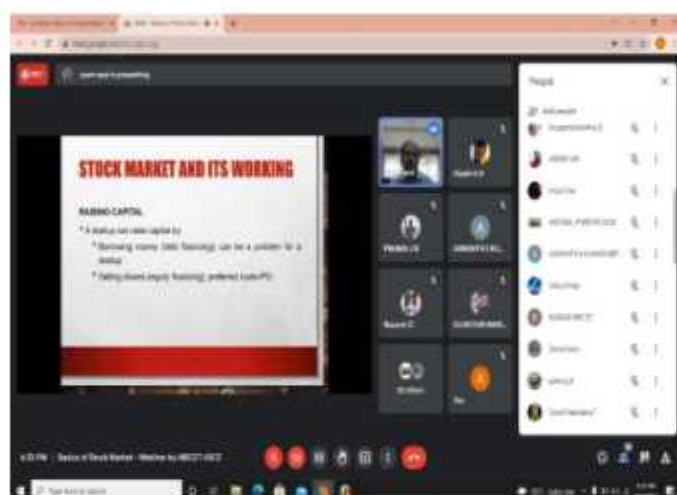
In this talk session, Dr. Nirmal Ouseppachan talked about his career and achievements. It was an insightful session by Dr. Nirmal about approaching the civil service exams in the right way and on probable mistakes and lessons in the journey. The session unfolded the journey of Dr. Nirmal from his start to success. A total of about 70 students had registered for the session. The session was fruitful and positively impactful to all its listeners.



STOCK MARKET

ASCE MBCET Student Chapter conducted an online talk session on 'Basics of Stock Market' on 5th December 2021 by Mr. Shyam S Pai from 6 pm to 7 pm through Google meet.

Mr. Shyam S Pai is a chief manager at Canara Bank, Bangalore. He talked about the basics of the stock market, the currently discussed topic also specified, spoke about the scenario in the Indian economy. As an emerging field, the speaker points out the terms that need to remember also mentions trading. The session was interactive and, also the students got a chance for doubt clearance. A total of about 85 students had registered for the session and attended effectively.



ABAQUS FEA WORKSHOP

MBCET Student Chapter of ASCE association with the MBCET Student Chapter of IET, On-Campus conducted an Eight-hours-long- Hands-on Workshop on ABAQUS FEA Software as part of the SKILLX series organized by IET MBCET (On Campus) exclusively for final year and MTECH civil engineering students at MBCET campus. The sessions were handled by Ms. Sherin Alexander, a structural engineer specializing in FEA. She is an MBCET alumna and completed her MTECH from VIT (Vellore). The eight hours were completed in 4 days in hybrid mode.

Details of the event:

No. of participants: 12

Lab: Civil CADD LAB (G209)

Schedule:

DATE	DAY	TIME	MODE
8 th December 2021	Wednesday	7:30 pm – 8:30 pm	ONLINE
9 th December 2021	Thursday	7:30 pm – 8:30 pm	ONLINE
10 th December 2021	Friday	3:30 pm – 5:15 pm	OFFLINE
11 th December 2021	Saturday	9:30 am – 1:30 pm	OFFLINE

The workshop received many positive feedbacks from participants. The sessions dealt with the introduction to the software and, a few hands-on examples are the same. It was very interactive.



PLEDGE IN SOLIDARITY WITH THE KHCLSC MOVEMENT TO END VIOLENCE AGAINST WOMEN

As instructed by The Kerala High Court Legal Services Committee (KHCLSC), some members of the MBCET Student Chapter of ASCE took the initiative to pledge solidarity to the theme proposed by the UN to change the world by putting an end to violence against women. This pledge was conducted on 9th December 2021 to all classes in the Department of Civil Engineering. The students had adopted this as their most important part of life and spoke the pledge effectively.

WORLD SOIL DAY

As a part of the Soil Day observed on 5th December, students of the MBCET Student Chapter of ASCE gave saplings to all eight classes of the civil department on 10th December 2021.

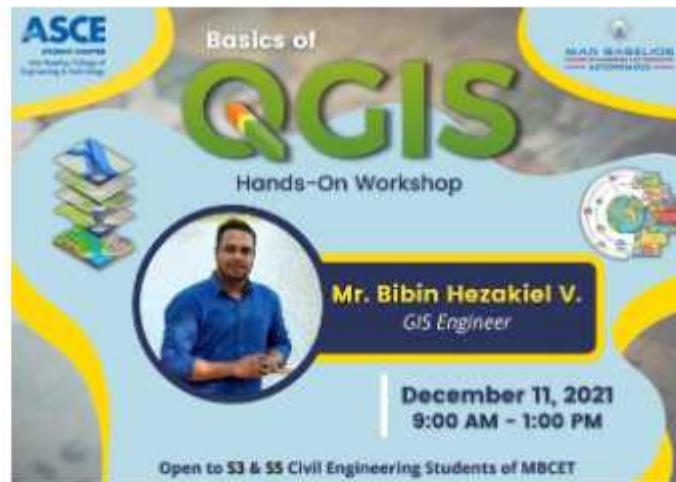
We invited Mr. Sathya Kumar sir to begin the gathering with an insightful speech about conserving soil for future generations and gave the saplings. Sir was accompanied by Dr. Neethu Roy and Ms. Anupama Krishna D, along with other ASCE general body members for this event.



QGIS WORKSHOP

As a part of the ASCE MBCET Student Chapter, an offline Hands-On Workshop on "Basics of QGIS" was conducted on 11th December 2021 from 9 am to 1 pm at the venue PG Lab Block B of MBCET by Bibin Hezakiel. He is a GIS Engineer as well as MBCET alumni. A total of 65 students attended the session effectively. It was an interactive and productive session on details of QGIS and its applications. There were two sessions, in which he introduced the basics of GIS, and trained the attendees in georeferencing, digitalizing layout preparation, and google earth.





CHRISTMAS EVE

As a part of the Christmas Celebration, the MBCET Student Chapter of ASCE conducted a Christmas Eve for ASCE members and our faculty advisors, Dr. Neethu Roy and Ms. Anupama Krishna D, on 23rd December 2021 at Tutorial Hall from 2.00 pm to 3.30 pm. It was an incredible celebration with member's talent shows. Athulya Elsa Maju, president of the MBCET Student Chapter of ASCE, cut the Christmas cake along with other members.





NEW YEAR FOOD DRIVE

MBCET Student Chapter of ASCE conducted a food drive in connection with New Year. The chapter collected a total of Rs.2500 from the students and staff advisors. Due to the pandemic, only two members of our chapter distributed a hundred food packets to the people in need at the Thampanoor bus stand on 02.01.2022 between 11.30 am and 12.00 noon. It was indeed a heart-melting moment to see their smiles.



HANDMADE-CRAFT MAKING COMPETITION

MBCET Student Chapter of ASCE conducted a "Handmade" craft-making competition on behalf of Republic Day to showcase the talent of the students on 28th January 2022. The students brought hand made craft items with tri-color papers and attached a photo of their craftwork to the link. Aleena Fathima of S6CE2 won the prize for the same..



CLOTH DONATION CAMPAIGN

The MBCET Student chapter of ASCE, in association with the MBCET NSS Unit, organized a cloth donation campaign from 16th – 18th February 2022 for the needy. Many students contributed clothes, including bedsheets, towels, shirts, pants, nighties, and dhoti.

FIELD VISIT TO ARUVIKARA WATER TREATMENT PLANT

The visit to Aruvikkara was aimed at studying the working of all the four-treatment plant currently in use. The plants currently in use namely 75MLD, 74MLD, and 86MLD were visited. The field visit was accompanied by 2 faculty-in-charge Dr. Jaya S. Pillai and Ms. Nimisha Anna Jacob along with staff-in-charge Mr. Anand M.C



DESIGN OF COLD FORMED STEEL STRUCTURES

MBCET Student Chapter of the American Society of Civil Engineers (ASCE) organized a technical talk on 'Design of cold-formed steel structures' on 8th April 2022 at the Senatus Hall, MBCET, at 9.30 am. The speaker for the session was Dr. Narayanan S, Prof. and Head, Dept. of Civil Engineering, Marian Engineering College, Kazhakuttam. The beneficiaries of the talk were final-year civil engineering students.



ASCE TALK SHOW

MBCET Student Chapter of ASCE, in association with ASCE FISAT, ASCE TCET, and ASCE DY PATIL, conducted "ASCE TALK SHOW" about Trends in Civil Engineering & The advancement of technologies in Civil Engineering on April 30th, 2022. The talk was by Sandeep Shiyekar on Trends in Civil Engineering and Rohit Arote on The Advancement of Technology in Civil Engineering.



KRAIL: DRISHTI 2K22 TECH CONCLAVE AT CET

As part of the Drishti 2K22 Tech Conclave at CET, a competition was conducted on Transportation and Development with Krail on June 25, 2022. There were two rounds, one in which the abstract was to be submitted. From 30 entries, only seven were shortlisted for the idea pitching/presentation

round. Students of the MBCET Student Chapter of ASCE, Bharath.B.L, Rahul S, Roshni.S.Nair, and A.P.Prasanthi of S6 CE2 secured the first prize. They acknowledged the support of the department, especially Dr. M.Satyakumar sir, Mr. Sijo.M.Saji, and Dr. Praveen.P.S.



K-FIESTA STALL

MBCET Student Chapter of ASCE opened a K-pop stall, as fundraising, during Cross Roads'22 on the 26, 27, and 28th of July 2022. It was coordinated successfully by Safa Zohra S, Lijumon, Shivani P.S, and Abhijith R Chandran (ASCE committee members) with the help of students of S6, CE2. We collected around 12k and still counting by selling photo cards, stickers, keychains, printed mugs, and posters based on K-pop and Anime. Teachers and students (also from other colleges) showed interest in our stall and made it to a great event.





ASCE IN COLLABORATION WITH SPARSHAM

MBCET Student Chapter of ASCE, in collaboration with Sparsham (Outreach Unit, CSED) visited **Navajyothi Buds and Rehabilitation Center** on the 22nd of July 2022. A total of 8 students and 3 faculty (Ms. Prathibha S, Ms. Anjali S, and Ms. Nimisha Anna Jacob), visited the inmates and handed them sweets, electrical appliances, and stationery items. It was pretty heartwarming to see their smiles and spend time with them. They showcased their talents in acting, singing, dancing, drawing, stitching, and crafts and we cheered them with all hearts.



EXPERT LECTURE ON " BITUMINOUS PAVEMENT CONSTRUCTION

MBCET ASCE organized an expert lecture on Bituminous Pavement Construction by Prof. (Dr.) A Veeraragavan, Professor (Retd.), IIT Madras on 11th August 2022. The session was live-streamed for the fourth-semester Civil Engineering students and faculty of MBCET and also many joined online on the G-meet platform. Nearly 45 participants from industry and academia joined the meeting online and 100 students participated through live streaming. The session covered various aspects and issues associated with Bituminous Pavement Construction. Also, Professor highlighted the potential areas for project and research work.



ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS
 GLOBAL CENTER
The George Washington University College of Engineering & Architecture

MAR BASELIDS
DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE
 AUTONOMOUS CENTER

EXPERT LECTURE ON

BITUMINOUS PAVEMENT CONSTRUCTION

By: **DR. A. VEERARAGAVAN**
Professor (Retd.), IIT Madras

Date: **AUGUST 11, 2022**
 Time: **1:45 TO 3:45 PM**

Join via **Google Meet**

meet.google.com/vea-dhz-mvk