



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

ASCE

STUDENT CHAPTER

Mar Baselios College of
Engineering & Technology

Mar Baselios College of Engineering and Technology (MBCET)

Annual Report

February 2022 - January 2023

American Society for Civil Engineers Student Chapter



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https://instagram.com/asce_mbcet**

MBCET ASCE Team

2022-2023



Our Advisors



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EXECUTIVE COMMITTEE

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EXECUTIVE COMMITTEE

EXECUTIVE COMMITTEE

EXECUTIVE COMMITTEE



Rahul S
President

A.P Prasanthi
Vice President

Mohammed Shan
Execom Member

Ardra VM
Recording Secretary

Safa Zohra S
Corresponding Secretary

Lijumon
Treasurer

Savinaj V Santhosh
Execom Member

Aiswarya Sivan
Execom Member

MEDIA COMMITTEE

Gowind Suraj
Volunteer

Alan A Vincent
Head

Jobin P.N
Volunteer

Swetha S
Volunteer

Ahammed Sahil N.S
Volunteer

SOCIAL COMMITTEE

Gowtham Krishna H
Head

Meghana Sunil Saritha
Volunteer

Ameen Shajahan
Volunteer

Abdullah Ansy
Volunteer

Gathri R Rajeev
Volunteer

ACTIVITY COMMITTEE

Rahul Rajan
Head

Adheene MR
Volunteer

Akshaya
Volunteer

Nandana JS
Volunteer

Irene Mariam
Volunteer

Savya Nair
Volunteer

FUND RAISING COMMITTEE

Kiran Sara Abey
Head

Krishna R
Volunteer

Gayathri Nach S.K
Volunteer

G Abhiram
Volunteer

Malavika A.S
Volunteer

MEETING ROOM COMMITTEE

Athena S
Head

Diya S
Volunteer

Fayaz N
Volunteer

Arjun U
Volunteer

MEMBERSHIP COMMITTEE

Adithya Devan A
Head

A Gautham Krishna
Volunteer

Gopika R.G
Volunteer

Vaidehi Shajil
Volunteer

Gouri R
Volunteer



OUR MISSION

- **Mission of the MBCET Student Chapter of ASCE is to enhance the professional and personal development of Civil Engineering students of MBCET, to enable them grow as ethically strong engineers, who will serve the industry and the society**
- **Mission of the chapter is in tune with the mission of the Department of Civil Engineering, MBCET which is "to provide engineering education which can create exemplary professional Civil Engineers of high ethics with strong conceptual foundation coupled with practical insight, to serve the industry and community"**



GOALS & OBJECTIVE S

- Increase ASCE Student membership
- Self development of the ASCE members in technical and non technical aspects
- Commitment towards society Interaction with society other than ASCE members
- Motivation for future generation of Civil Engineers

GOALS	ACTION PLAN	EVENTS ORGANISED
<p>To increase the overall ASCE student registration</p>	<p>Initiatives in bringing awareness about ASCE among the newly joined students and encouraging them to be part of ASCE to make them ethically strong engineers</p>	<ul style="list-style-type: none"> • Induction program for freshers • Discussions • Offline meet-ups
<p>To widen the knowledge of the latest Civil Engineering Developments</p>	<p>Conduct technical talks and other events which will give students insights on the latest advancements in the Civil Engineering Sector. They will be able to interact with professionals from different fields</p>	<ul style="list-style-type: none"> • Technical Talks • Alumni Talks

GOALS	ACTION PLAN	EVENTS ORGANISED
<p>To increase the practical knowledge and on-site experience of students</p>	<p>Making learning more fun and deep by increasing the practical knowledge of students by conducting field trips and hands-on work events to gain more experience</p>	<ul style="list-style-type: none"> • Field Trips • Canoe Discussion • Contests
<p>To make socially relevant beings by indulging in Social Events</p>	<p>Social service can promote values such as compassionate service to others, fostering dignity for all individuals, social justice, and promoting stronger human relationships</p>	<ul style="list-style-type: none"> • Cloth Donation Campaign • K-Fiesta Stall • Visit to Orphanages



EVENTS & ACTIVITIES



1. Technical Events

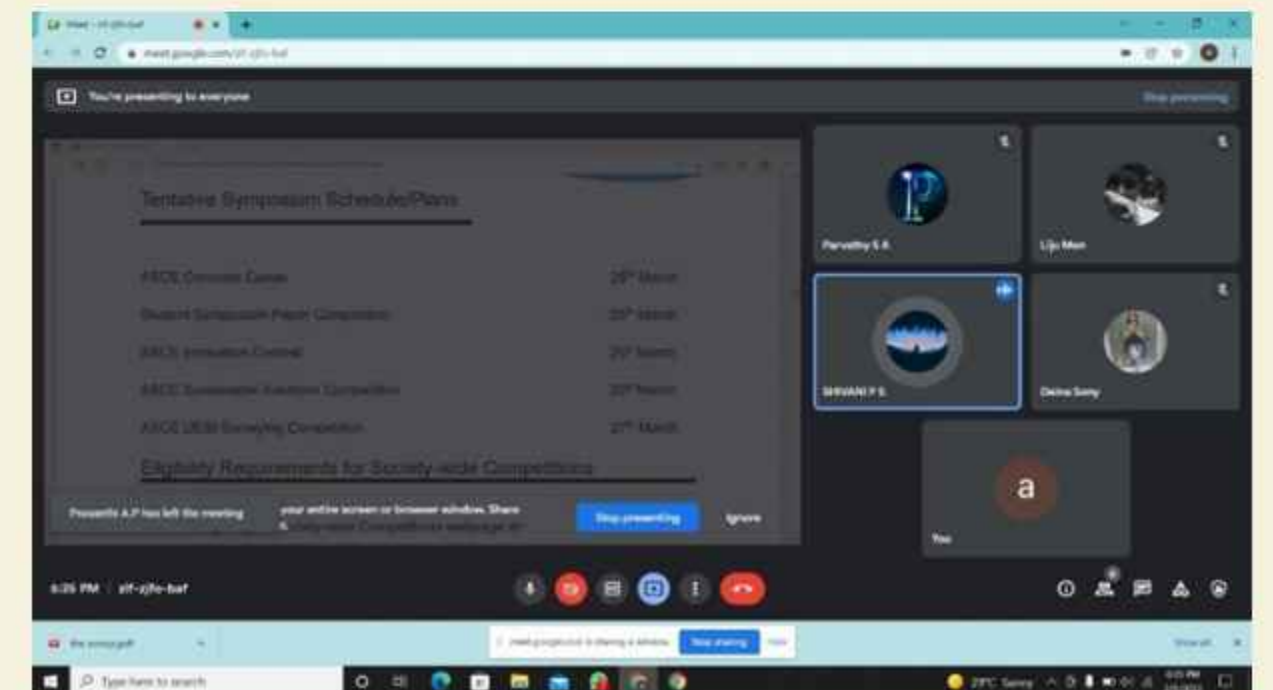
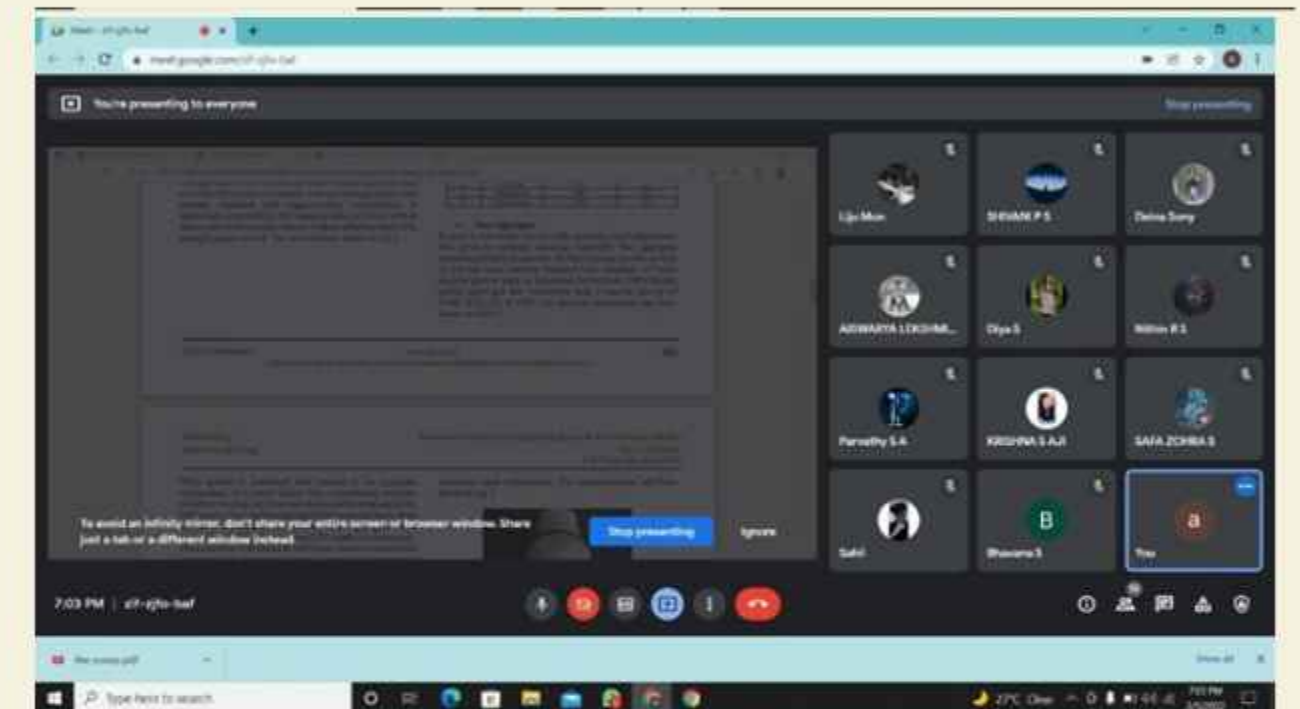


- **Field Trips** 
- **National conferences** 
- **Discussions** 

Canoe Discussion

As part of participating in the canoe competition, the MBCET Student Chapter of ASCE and other students in the Department of Civil Engineering took the initiative to make a miniature model of a 2m canoe. We discussed among ourselves with our team and our faculties about the canoes done by different colleges and seek help from faculty provisions. For ease of handling the making of the Canoe, formed different sub-teams

1. Analysis Team
2. Documentation Team
3. Finance & Expenditure Team
4. Material Availability & Selection Team
5. Mix Design & Material Management Team
6. Structural Design Team
7. Observations & Calculations Team



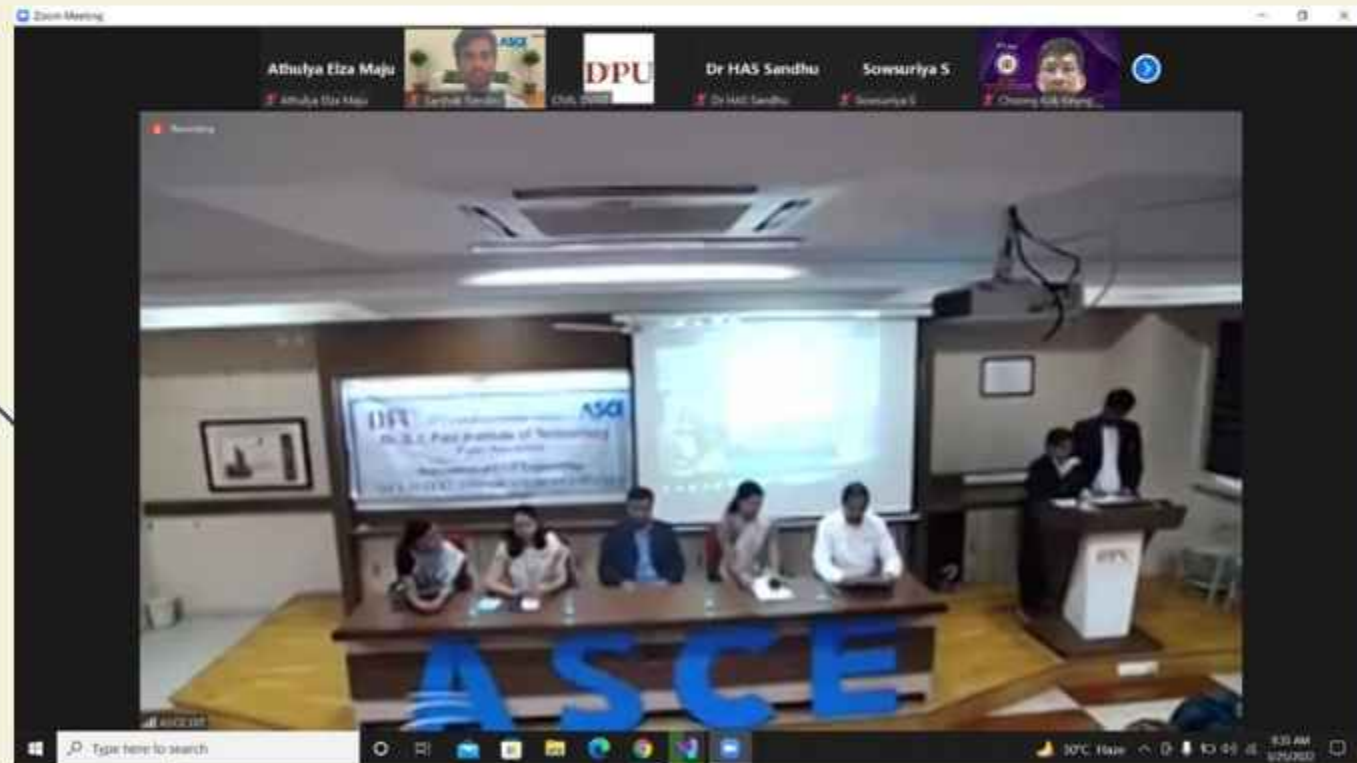
Field Visit to Aruvikkara Water Treatment Plant

The visit to Aruvikkara was aimed to study the working of all the four-treatment plant currently in use out of which we were able to attend 75MLD, 74MLD, and 86MLD for year students on 19th March, 2022. 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.



ASCE National Conference 2022

The Annual National Conference 2022 was organized by three ASCE student bodies jointly: DR. D.Y. PATIL INSTITUTE OF TECHNOLOGY, PIMPRI, PUNE., PUNJAB ENGINEERING COLLEGE, CHANDIGARH, UNIVERSITY OF PETROLEUM AND ENERGY STUDIES, DEHRADUN on 25th to 27th March 2022. The competitions included Concrete Canoe Making Competition, Survey Competition etc. ASCE MBCET was able to participate in 3 of the competitions.



Prize distribution ceremony ASCE IS SR theses competition 2022

The Prize Distribution Ceremony for ASCE India Section Southern Region - Theses Competition 2022 was held on December 22nd, 2022 at MBCET Senatus Hall. The program was hosted by MBCET student chapter of ASCE at 11:00 a.m to 12.30 p.m. Mr. Rahul S, president of the MBCET ASCE , welcomed everyone. Mr. Narsimha Chary Poloju, president of the ASCE India southern region (Chartered-Professional Licensed Structural Engineer), and Dr. K Vidhya, treasurer of ASCE IS SR (Professor, Department of Civil Engineering, Mahendra engineering college), were the event's main guests along with Mr. Pradeep S, Treasurer of the ASCE India Section (Assistant Professor Department of civil engineering of SRM Institute of Science and Technology) and Dr. Abraham T Mathew, principal, MBCET. All of the aspiring engineers in attendance cheered on the winners as they accepted their awards from the chief guests. Lastly Dr. Neethu Roy, faculty advisor of MBCET ASCE, expressed her appreciation to everyone who participated in the event. The entire ceremony radiated pride in being a civil engineer.



Field Visit to Aruvikkara Water Treatment Plant

MBCET student chapter of ASCE organised an industrial visit for third-year civil engineering students on 22nd January, 2023. The purpose of the trip to Aruvikkara was to observe the live operation of water treatment plants, which 75 MLD, 85 MLD, and 74 MLD were able to do. The programme was attended by 45 students. Two faculty in charge, Dr. Anupama Krishna D and Mr. Nitin S, accompanied the visit.



2. Talk Sessions



- **Technical Talks**



- **Know your Alumni**



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.



Talk Series by Mr Hari Krishnan (MBCET Alumnus 2007-2010) on 'Opportunities in Metro Sector'

As part of the KYA series, the MBCET Student Chapter of ASCE invited Mr Hari Krishnan, ASE, Delhi Metro Rail Corporation Ltd., an alumnus from the 2007-2010 Civil Engineering batch of MBCET. He joined Ray Engineering Pvt. Ltd., DMRC-JE, and was promoted to the ASE post. The talk was conducted through Google Meet on April 10th, 2022, from 6.30 pm to 7.30 pm. The session was about the metro and its types, piles, activities in piling, and construction involved in the metro. He also talked about the various projects handled by him. It was a very interactive session and the participants had a great time listening to her experiences from college and work life.



KNOW YOUR ALUMNI
Talk series by alumni members sharing their stories and journey.

SPEAKER:
Mr. Hari Krishnan
MBCET Alumnus (2011-2015)

Working as:
ASE,
Delhi Metro Rail Corporation Ltd.

Date: 10 April 2022
Time: 6:30-7:30 PM

Meeting link:
<https://meet.google.com/uns-sqkz-azt>

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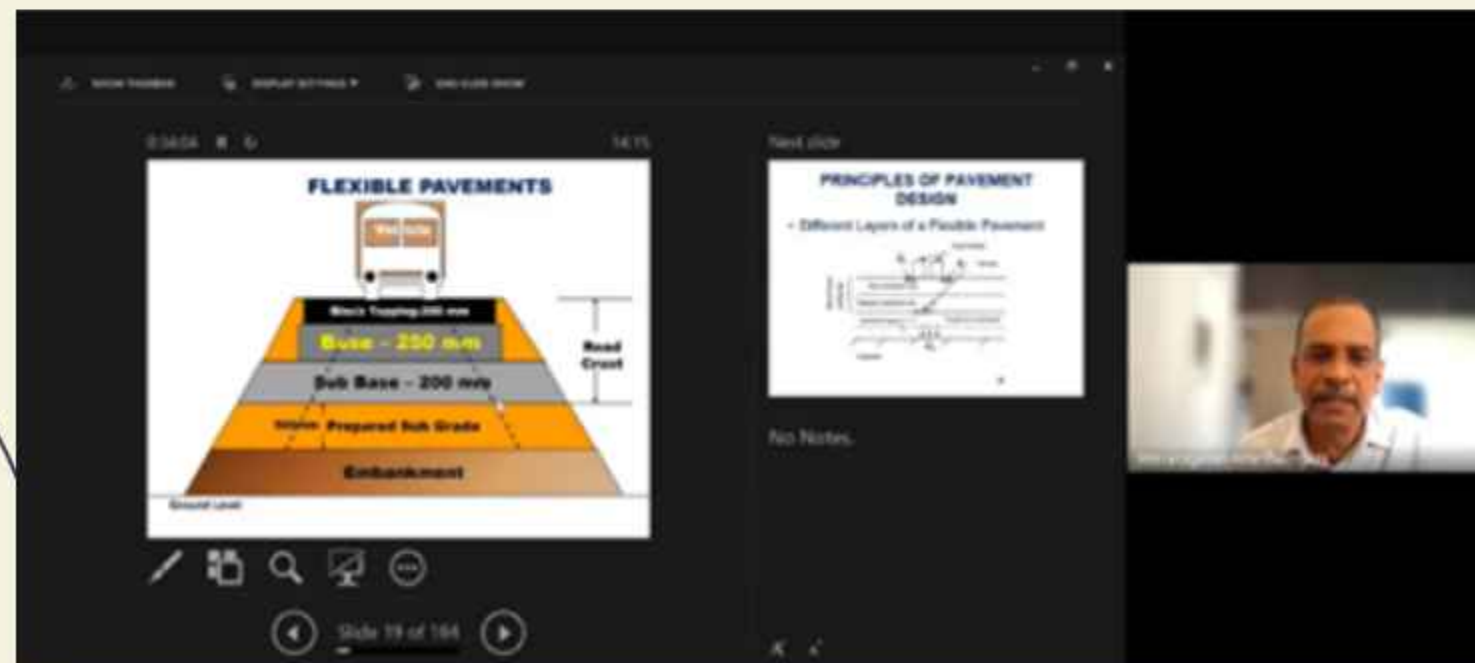
ASCE Talk Show on 'Trends in Civil Engineering & The Advancement of Technologies in Civil Engineering'

MBCET Student Chapter of ASCE, in association with ASCE FISAT, ASCE TCET, and ASCE DY PATIL, conducted an "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.



Talk Session by Dr A. Veeraragavan 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.



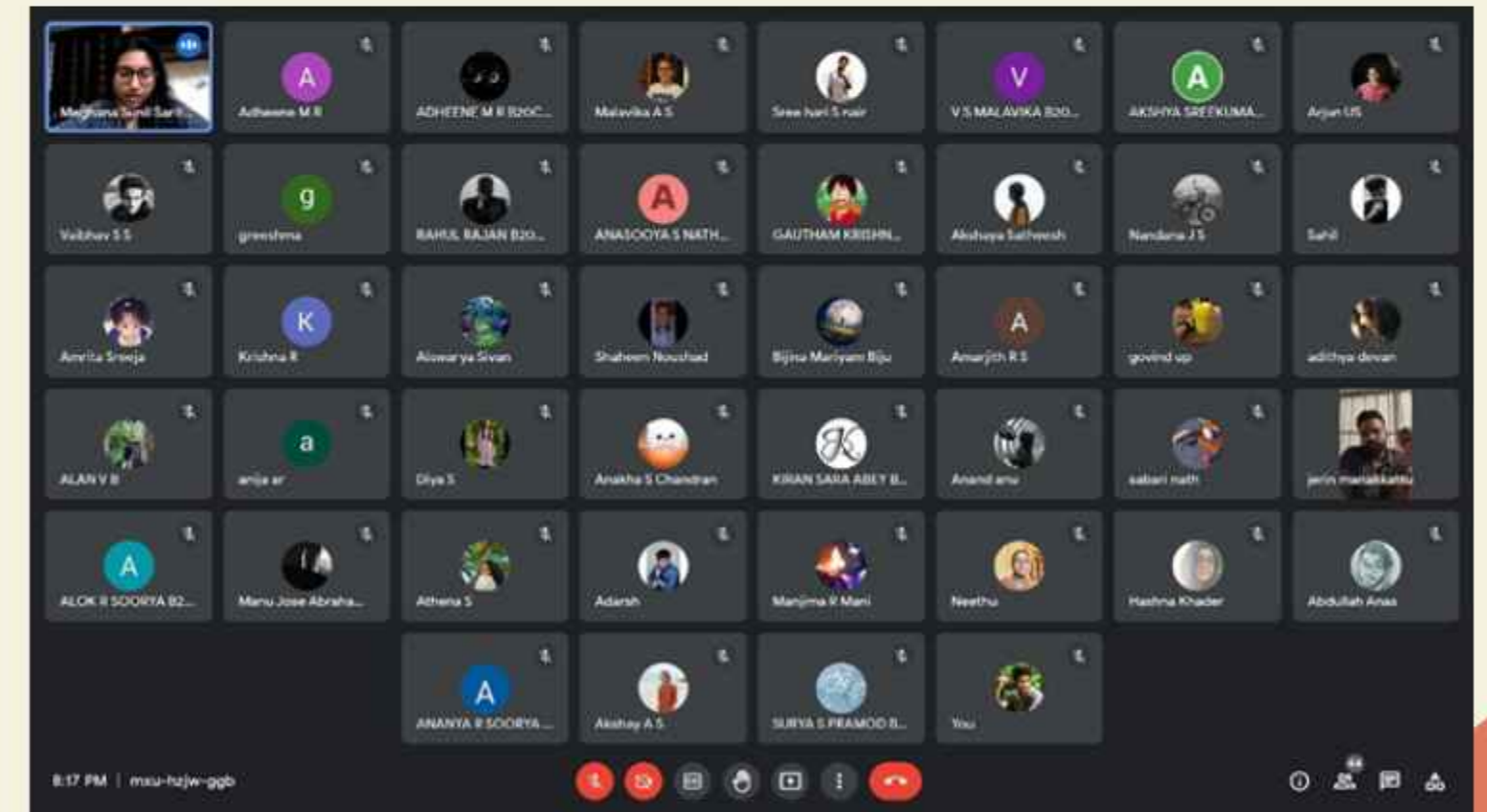
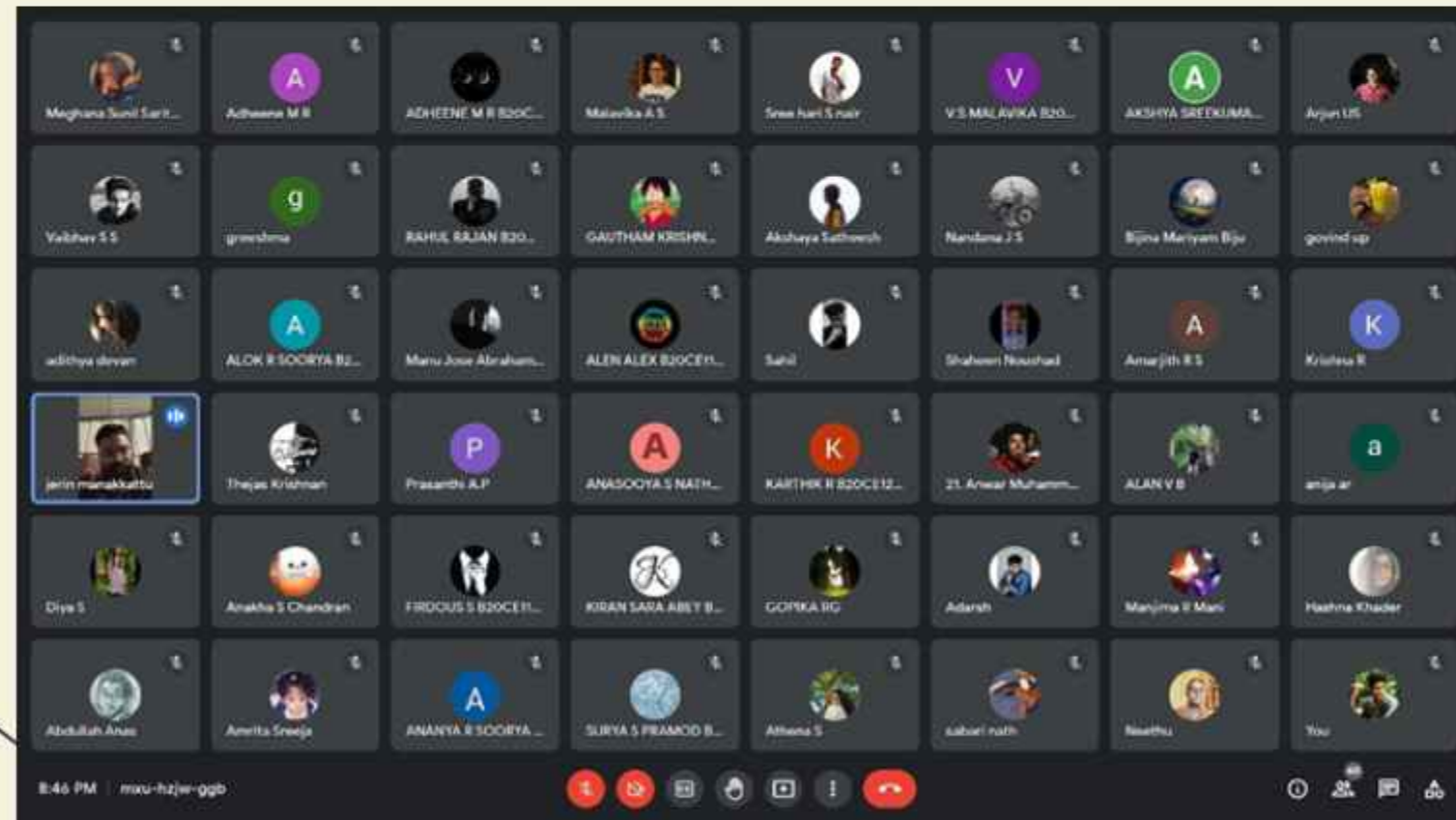
Energy Conservation Building Code (ECBC) & Eco Niwas Samhita (ENS) Awareness Program

The event was held on 16th December 2022 at Visvesvaraya Hall, MBCET. The program was hosted by ASCE MBCET and IEEE PES SB MBCET. The main purpose of ECBC is to minimize energy requirements and create energy-efficient designs for the construction of buildings. The class was very informative and interactive.



Alumni Talk

MBCET's student chapter of ASCE held alumni talk on December 22nd, 2022 at 8:00 p.m. via Gmeet. The meeting was attended by 44 people. Mr Jerin Manakkattu spoke to the audience. The speaker mentioned the challenges that a civil engineer will face in the industry. The meeting was informative, which encouraged more people to investigate the civil field.



Rain Water Harvesting Talk Session

On January 20, 2023, the MBCET student chapter of ASCE held a talk session on the topic of Rain Water Harvesting. The event began at 3:20 p.m. in MBCET's Visveraya hall. Mr. Sajan P.B. was the session's main speaker (Joint Director of COSRFORD, TVM). He described historical drought tragedies that had occurred throughout India. He also discussed the new technologies that have been implemented in Kerala. The session emphasised the importance of underground water conservation. The session was extremely informative and interesting.



3. Competitions



- **Creative contests**
- **Technical Competitions**



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 were said to make a craft item with tri-colour papers and attach a photo of their craftwork to the link. The best idea will be to give a certificate. Aleena Fathima of S6CE2 won the prize for making the craft.



KRAIL – DRISHTI 2K22 Tech Conclave

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.



4. Social Events



- **Charity Works**
- **Fund Raising**
- **Get-togethers**



Cloth Donation Campaign for Cancer Patients

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 needful people. Many students contributed clothes, including bedsheets, towels, shirts, pants, nighties, and dhoti.



STUDENT CHAPTER
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MAR BASELIOS
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AUTONOMOUS



NSS Unit:230

Give extra love this Valentine's Week!

CLOTH DONATION CAMPAIGN



Bedsheet



Towel



Shirt



Pants (Not Jeans)



Dhoti



Nighty

- Clothes should be washed and ironed properly.
- Clothes should not have stains, holes or tears.
- Kindly avoid clothes unfit for donation.

🕒 16,17,18 February
📍 Visvesvaraya Hall (G-block)
NSS Notice Board (B-block)

“Happiness doesn't result from what we get, but from what we give.”

ASCE Collab 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 our hearts.



K-Fiesta Stall

MBCET Student Chapter of ASCE opened a K-pop stall, as fundraising, during Cross Roads 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.



A Day at Balika Bhavan, Kattela

“Sometimes you will never know the value of a moment until it becomes a memory.” ASCE members as well as some alumni attended the event on 23rd October, 2022. This program was organized in remembrance of our dearest friend Anu (2005-2009 MBCET civil batch). We organized different activities to engage the children’s and to showcase their talents. The day was well spent, and we departed after lunch.



CIVILIZE 2022-23

MBCET student chapter of ASCE committee recruitment for the academic year 2022-'23 was done by the final year students. The interview phase took place on October 25, 2022, at 1:00 p.m. in the Tutorial Hall (G307). 58 students attended for the recruitment. The new committee was formed under the supervision of Dr. Neethu Roy, faculty advisor of MBCET ASCE.



Student Induction Programme

MBCET Student Chapter of ASCE conducted an insightful Student Induction Program for our new MBCET family members on November 10, 2022. 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



WISHES POSTERS

ASCE MBCET Presents

TALK SESSION ON RAIN WATER HARVESTING

Date: 20-01-2023
Time: 2:30 - 4:30
Venue: Visvesvaraya Hall

Resource Person
Shri. P B Sejan
Joint Director,
COSTFORD,
Trivandrum.

Feliz Navidad

MBCET ASCE wishes everyone a

MERRY CHRISTMAS

KNOW YOUR ALUMNI

Mr. Hasi Krishnan
MBCET Alumina (2017-2018)

Working with:
ASL
Delhi Metro Rail Corporation Ltd.

Date: 10 April 2022
Time: 8:30-7:30 PM

Meeting Link:
<https://meet.google.com/jue-upt-act>

NATIONAL YOUTH DAY

Arise, awake and stop not until the goal is reached.

- SWAMI VIVEKANANDA

World Water Day

Water is the driving force of all nature.

- Leonardo da Vinci

Happy Vishu

HANDMADE

Craft Making Competition

Theme: Make a craft item with tri-color papers

Last Date of Submission: JAN 20, 2022

OPEN TO ALL BASELIANS

CIVILIZE 2022

COME, GROW WITH US!

Inviting aspiring candidates to join our ASCE MBCET team!

Let us all set out on a mission to discover the unknown!

ASCE MBCET

Energy Conservation Building Code (ECBC) & Eco Niwas Samhita (ENS) Awareness Program

by Energy Management Centre - Kerala

In association with Mar Baselios College of Engineering and Technology (Autonomous)

Honorable Guest: Mr. V. Jayaprakash
Architectural Engineer
Research Engineering Consultants
Branch of Energy Efficiency Expert

Venue: Visvesvaraya Hall
Date: December 16, 2022
Time: 9:30 AM-11:30 AM

K FIESTA

26, 27, 28 JUNE 2022

ELEVATE YOUR LIFE TODAY!

K-Pop Stall
Game Arcade

ASCE MBCET presents

Design of Cold formed Steel structures

Dr. Narayanan S.
Professor and Head,
Department of Civil Engineering,
Marine Engineering College, Valluvar

Exclusively for 50 students!

Venue: Senatus Hall, MBCET

Date: 08th April 2022
Time: 9:30am to 10:30 am

ASCE MBCET Student Chapter of ASCE presents

SEQUOIA

Yearly Newsletter of ASCE MBCET

Let's break the bias!!

ASCE MBCET

Eid Mubarak

May this Eid bring peace and endless happiness to you and your loved ones.

STARTING NOW. JOIN US IN SAYING NO TO TOBACCO.

MAY 31

WORLD NO TOBACCO DAY

AND EVERY DAY AFTER. LET'S STAND TOGETHER TO BRING THIS CAUSE EVEN FURTHER.

5 years of ASCE

STUDENT CHAPTER

Mar Baselios College of Engineering & Technology

8 MARCH, 2022

International Women's Day

Gender Equality today for a Sustainable tomorrow

Let's break the bias!!

30 APR

ASCE TALK SHOW

Hosted by: Dr. SANGDEEP SHYAMAR & Mr. ROHIT ARJITS

EXPERT LECTURE ON BITUMINOUS PAVEMENT CONSTRUCTION

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

Date: AUGUST 11, 2022
Time: 10:45 TO 3:45 PM

Join via Google Meet

Congratulations

Dr. Anupama Krishna D
Assistant Professor, Department of Civil Engineering

Awarded Ph.D Degree on August 22, 2022.

Ph.D Topic: Behaviour of Reinforced Concrete under Elevated Temperature

Guided by: Dr. Narayanan S & Dr. Pradyotsinh R S

PRIZE DISTRIBUTION CEREMONY

ASCE IS SR THESES COMPETITIONS 2022

Date: December 22, 2022
Venue: Senatus Hall, MBCET

ASCE MBCET wishes you a

Happy Republic Day

26TH JANUARY

Give extra love this Valentine's Week!

CLOTH DONATION CAMPAIGN

16, 17, 18 February

24 JAN 2022

National Girl Child Day

Empower the girl child. Empower the nation.

Happy Holi

20 JANUARY

INDIA HAPPY REPUBLIC DAY

5 SEPTEMBER

Happy Teacher's Day

Teachers are the backbone of every society. The pillar upon which all aspirations are converted into reality.

- Dr. K.P.J. Nisha Kuriyan

ASCE MBCET Student Chapter of American Society of Civil Engineers (ASCE) wishes

Hearty Congratulations!!

to

Vishnupriya Nair
2018-2020 Alumina
B.Tech Civil Engineering

For getting selected for Short Service Commission Women Technical Entry (Civil Engineering) in Indian Army

HAPPY Deepavali

INTERNATIONAL NURSES DAY

INDUSTRIAL VISIT

Resort: Water Treatment Plant Aruvikkara Kerala Water Authority

Date: 21-01-2023
Time: 9:00am - 4:30pm



THANK
YOU!