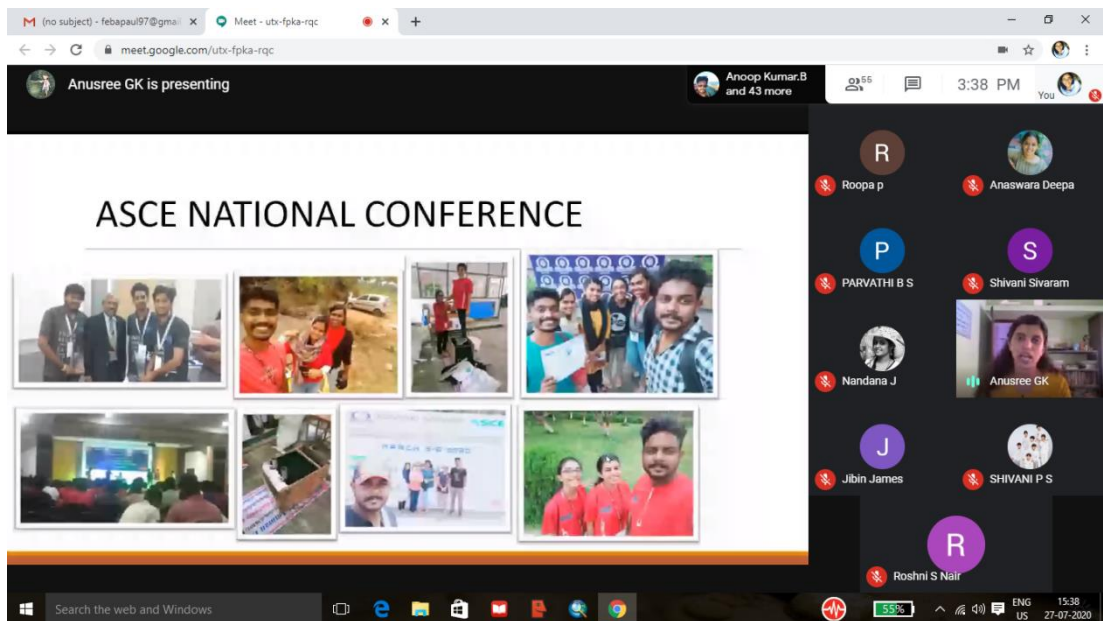




- **ASCE INDUCTION PROGRAMME 2020-21**

To make the civil engineering students especially freshers aware of the ASCE Chapter at MBCET its importance and also to recruit more members an induction programme was conducted on 27th July 2020 at 3pm. The programme was conducted via google meet. All second and third-year students were invited to attend the programme. Around 55-60 students attended the programme.



- **WEBINAR SERIES 2020**

Department of Civil Engineering, MBCET in association with MBCET Student Chapter of ASCE conducted a webinar series on “**Recent Advances in Civil Engineering**”, focusing on the emerging areas in structural engineering. The course coordinator for the event was Dr. Jisha S. V, Asst Professor, Department of Civil Engineering, MBCET. The sessions, hosted on **Cisco Webex** app, were conducted as interactive discussions with experienced professionals in the field. Around 400 participants consisting of students, research scholars and faculties from different colleges in Kerala participated in the session. E-certificates were provided to all the participants of the session.

- First session was on 28th July, 2020 from 3:00-4:30 pm. It was taken by Dr. Sudheesh T. K., Asst. Professor, Dept of Civil Engineering, IIT Palakkad on the topic “Pile foundations- An overview of load tests”. The session was on different load tests conducted on pile foundations. The session specifically emphasised on Statnamic load

test, a recent emergent which is faster and less expensive testing method than static load test. The presentation was for 1 hour and 30 minutes was allotted for Q &A session.

- Second session was conducted on 29th July, 2020 from 2:00-3:30 pm. It was taken by Dr. S. Suriya Prakash., Associate. Professor, Dept of Civil Engineering, IIT Hyderabad. The session provided great insight into precast construction and also various methodologies adopted for casting and placing of different precast members. The presentation was for 1 hour and 30 minutes was allotted for Q &A session.
- Third session was on 10th August, 2020 from 10:30-11:30 am. It was taken by Dr. .R Shivasankar., Professor, Dept of Civil Engineering, National Institute of Technology, Karnataka, Suratkal. The session provided great insight into geosynthetics, their stabilization capacity and how they can be used for solving civil engineering problems.
- Fourth session was on 17th August 2020, from 3.00 - 4.30 pm. It was taken by Mr. Abhilash Kumar, Senior Manager, Renewable Energy, National Thermal Power Corporation Engineering Office, Noida, Uttar Pradesh. The session was on the topic “Floating solar PV plants” and focussed on the concept behind it, advantages and feasibility.

The sessions were very informative and introduced the participants to various emergent in the field. The sessions received positive feedback from the participants.

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
Thiruvananthapuram, Kerala



DEPARTMENT OF CIVIL ENGINEERING
in association with
MBCET student chapter of ASCE 

WEBINAR SERIES 2020
Recent Advances in Civil Engineering

[Register here](#)

<p>28 July 2020 3.00 pm - 4.30 pm</p>	<p>Pile Foundations - An Overview of Load Tests</p>	<p>Dr. Sudheesh T. K. Asst. Professor Department of Civil Engineering IIT Palakkad</p> 	<p>https://tinyurl.com/y3j6wt2</p> 
<p>29 July 2020 10.30 am - 11.30 am</p>	<p>Precast Construction for Affordable Housing</p>	<p>Dr. S. Suriya Prakash Associate Professor Department of Civil Engineering IIT Hyderabad</p> 	<p>https://tinyurl.com/y4w48nk</p> 
<p>10 August 2020 10.30 am - 11.30 am</p>	<p>Geosynthetics Engineering</p>	<p>Dr. R. SHIVASHANKAR Professor Department of Civil Engineering National Institute of Technology Karnataka Suratkal</p> 	<p>https://tinyurl.com/y4tbux7</p> 
<p>17 August 2020 10.30 am - 11.30 am</p>	<p>An Introduction to Floating Solar PV Plants</p>	<p>Mr. Abhilash Kumar Senior Manager Renewable Energy National Thermal Power Corporation Engineering Office Noida</p> 	<p>https://tinyurl.com/y2nchska</p> 

For Students,
Research Scholars &
Faculties

E certificates will be provided

Free Registration

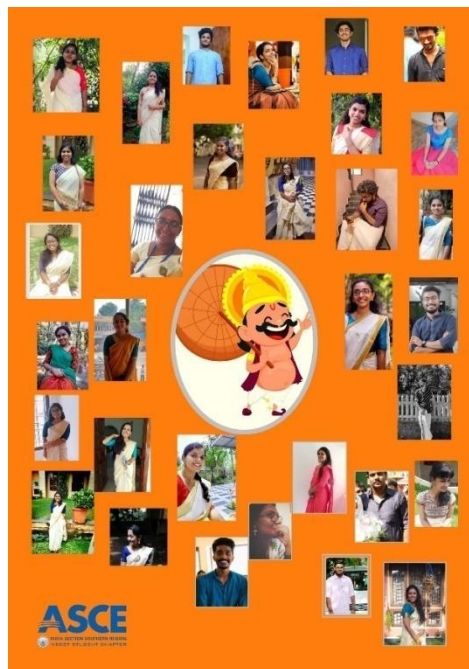
- **SPINAL MUSCULAR ATROPHY AWARENESS MONTH CAMPAIGN**

August 01-31st is considered as spinal muscular atrophy awareness month and on behalf of the same, a hand illustrated video to spread awareness and also a poster with the chapter members holding a candle was shared to spread awareness.



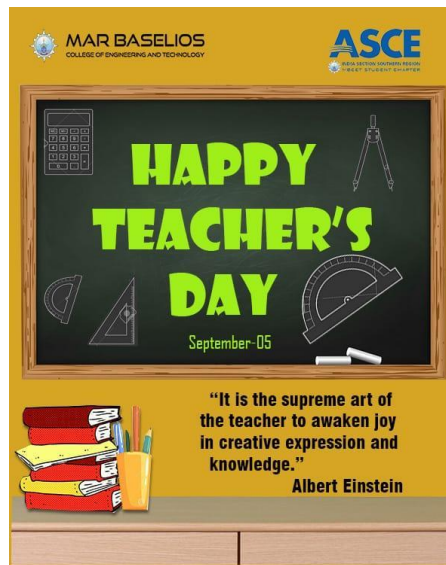
- **ONAM CELEBRATION**

In spite of the pandemic situation, the committee members tried to keep the spirit of the season alive by coming together for a virtual Onam celebration on 31st August, 2020.



- **TEACHERS DAY CELEBRATION**

To celebrate teacher's day, the committee members send their special love to all the teachers and also organized an event for teachers to share their memorable experiences from their teaching life.

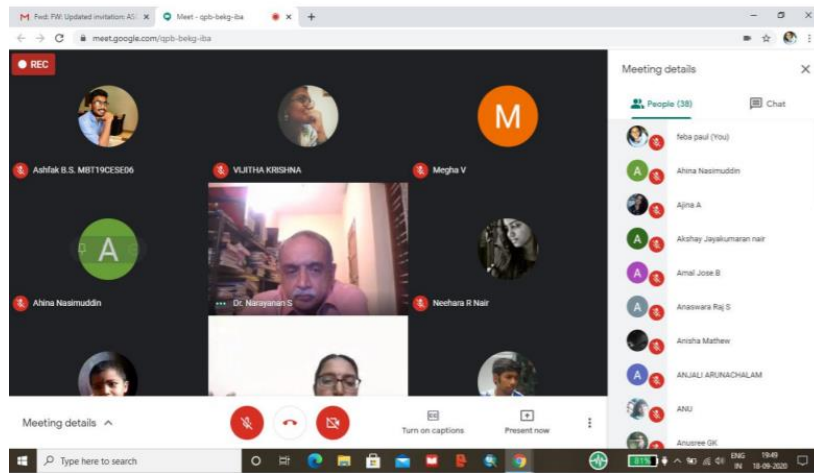


- **MEETUP WITH MARIAN STUDENT CHAPTER OF ASCE**

An Interactive talk was conducted on 9th September 2020 at 7.30pm with Marian Engineering College based on the topic “How to form an ASCE Student chapter?” It was conducted through Google meet.

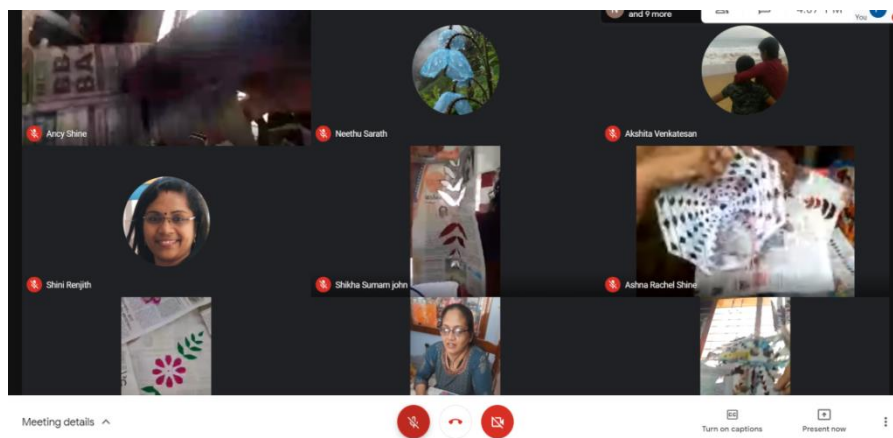
Department of Civil Engineering, Marian Engineering College is under the foundation period of formation of ASCE Student Chapter headed by Dr. Narayanan S. 24 students from Marian Engineering College attended the meeting with the faculty advisor of ASCE MBCET student chapter Dr. Neethu Roy (Assistant Dean (R&D), Professor), Athira I.C (Assistant professor) and 13 student members.

Dr. Neethu Roy clearly gave an idea about ASCE National Conference, Concrete Canoe competition, the procedures to form an ASCE team, about annual report etc. She also mentioned the activities conducted by ASCE MBCET student chapter. In Q&A session they cleared all their doubts and make the talk more interactive. ASCE MBCET student chapter members shared their experiences with Marian Engineering College. The meeting ended at 8.30pm.



● **FEVICRYL PAINTING WORKSOP**

MBCET Student Chapter of ASCE in association with the Srishti-Fine Arts Club had conducted a painting workshop on 21.09.2020 from 3:00-4:00 pm. The event was open to students, faculty and staff of MBCET. Different painting techniques like tie and dye, sun painting and stencil painting were taught in the session. The session was taken by Rekha Anilkumar, Fevicryl specialist teacher from pidilite industries. A total of 27 participants had attended the event. The participants were also encouraged to do it along with instructor and were asked to share their work by the end of the session. E-certificates were also provided to the participants.



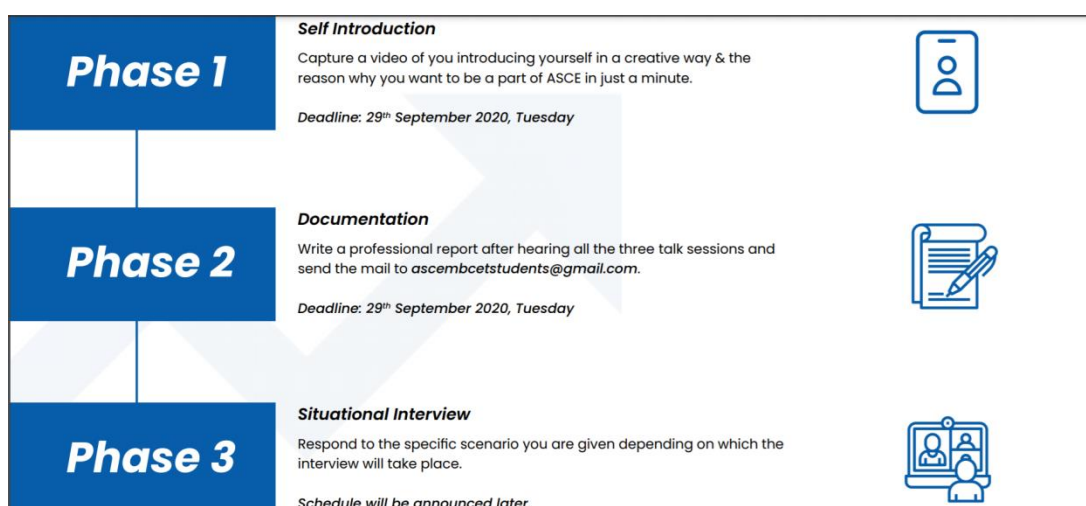
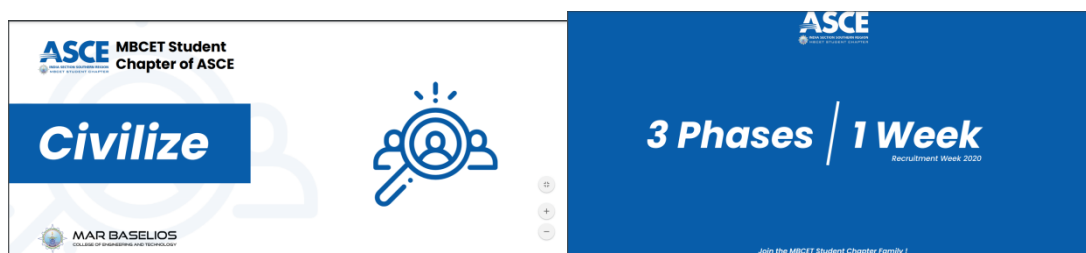
- **CIVILIZE: Recruitment Programme**

For recruiting new members into the ASCE MBCET Student Chapter 2020-'21, a recruitment programme “Civilize” was conducted by the Student chapter. In addition to recruitment of new members, the programme also focused on inviting enthusiastic students to represent MBCET Student Chapter of ASCE at ASCE Indian Region Student Conference, 2021 to be held at Vellore Institute of Technology, Vellore, Tamil Nadu. On behalf of this, talk sessions were also conducted to encourage students to enhance their entrepreneur skills and why it is important to be part of committees and student societies. The programme consisted of three phases. The deadline of Phase 1 and 2 was 11th October, 2020 and phase 3 was conducted on 13th and 14th October, 2020

Phase 1- The interested students were asked to send a self-introduction video in a creative way and reason for wanting to be part of ASCE in just a minute.

Phase 2- The students were asked to prepare a professional report on the three talk sessions and send it the ASCE mail.

Phase 3- The final phase was a situational interview of the students wherein they had to respond to a specific scenario depending on which the interview took place.



- **CIVILZE TALK SESSIONS**

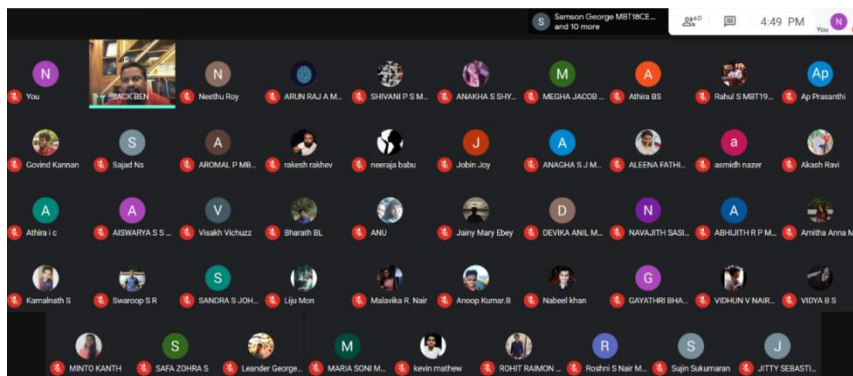
MBCET ASCE student chapter conducted three talk sessions during 26th and 27th of September 2020 by Mr. Jack Ben Vincent, Mr. Arun and Dr. Neethu Roy.

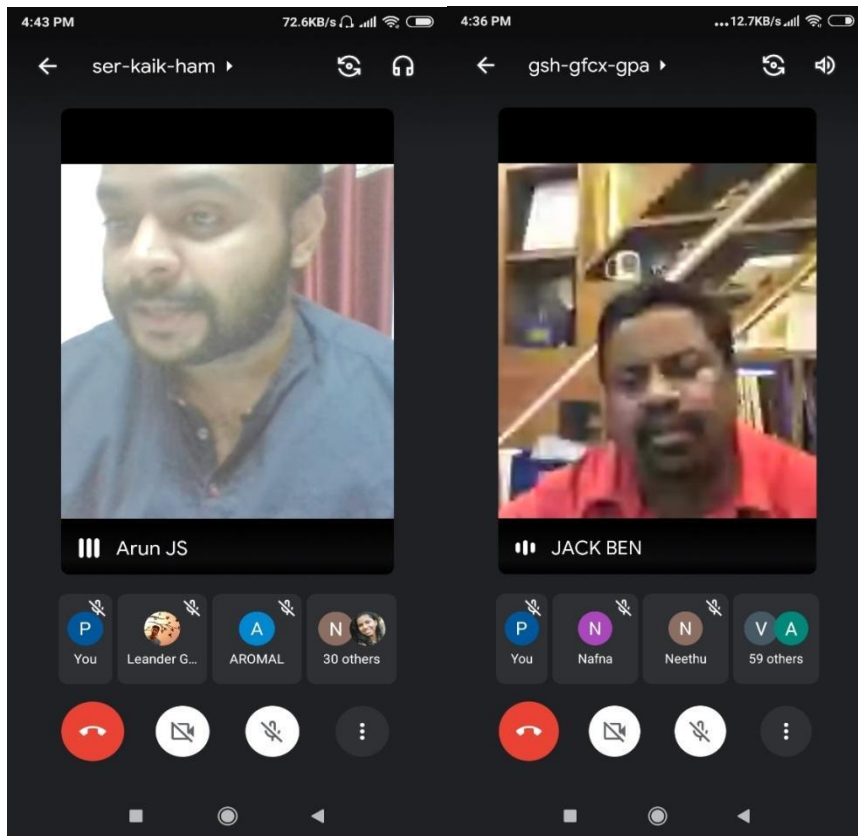
The session conducted on 26th September was by Mr. Jack Ben Vincent, MD of Jack Constructions. The session included the interaction between the guest and students. He shared his experience as a student as well as different post he served in his company. It was an interesting talk and was an encouragement for the students to work hard. The session started and 4pm and end at 5pm.

The talk session conducted on 27th September was led by Mr. Arun and Dr. Neethu Roy. The former who is an Assistant Professor at Department of ECE, MBCET and is also the nodal officer for catalyst-IEDC MBCET talked during first half of the session. The session included the topics such as importance of different technical bodies, utilising every opportunity provided by college. He also talked about how important is being a part of such a prestigious body. The session started at 4pm and end at 4:30pm

Second half of the session was led by Dr Neethu Roy, Assistant Dean (R&D), MBCET. She is also the Faculty advisor of MBCET Student Chapter of ASCE. She talked about her UG and PG life where she inspired each student for taking PG in IITs. She also presented about ASCE MBCET Student Chapter and encouraged each student to be a part of ASCE MBCET Student Chapter. The session started at 4:30pm and ended at 5:30pm.

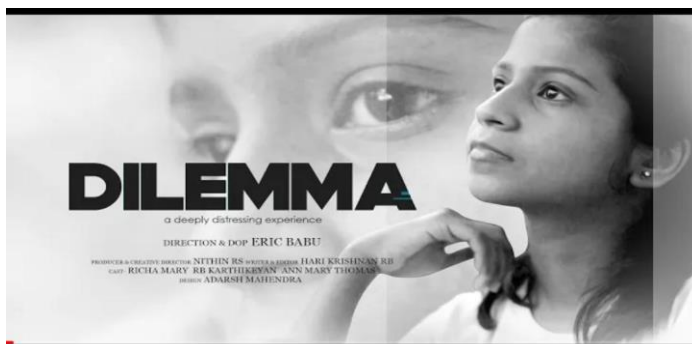
The sessions were attended by nearly 60 students which include second, third- and fourth-year students from civil department of MBCET.





- **CONCRETE FAIR, 2020**

Concrete fair is an International level Online Technical Civil Engineering Fest conducted by Department of Civil Engineering, RV College of Engineering in association with ASCE Student Chapter-RVCE, ICI (Indian Concrete Institute) Student Chapter-RVCE and ICI Bengaluru Centre (ICI-BENC) during 15th and 16th October 2020. MBCET ASCE student chapter formed an 8 member group for participation in 3 events- Conflux (short film competition), Conquer (quiz competition) and Contractor (event based on estimation and costing). It is one of the best industry institute interactions in the country and a good platform to network with expert engineers and students.



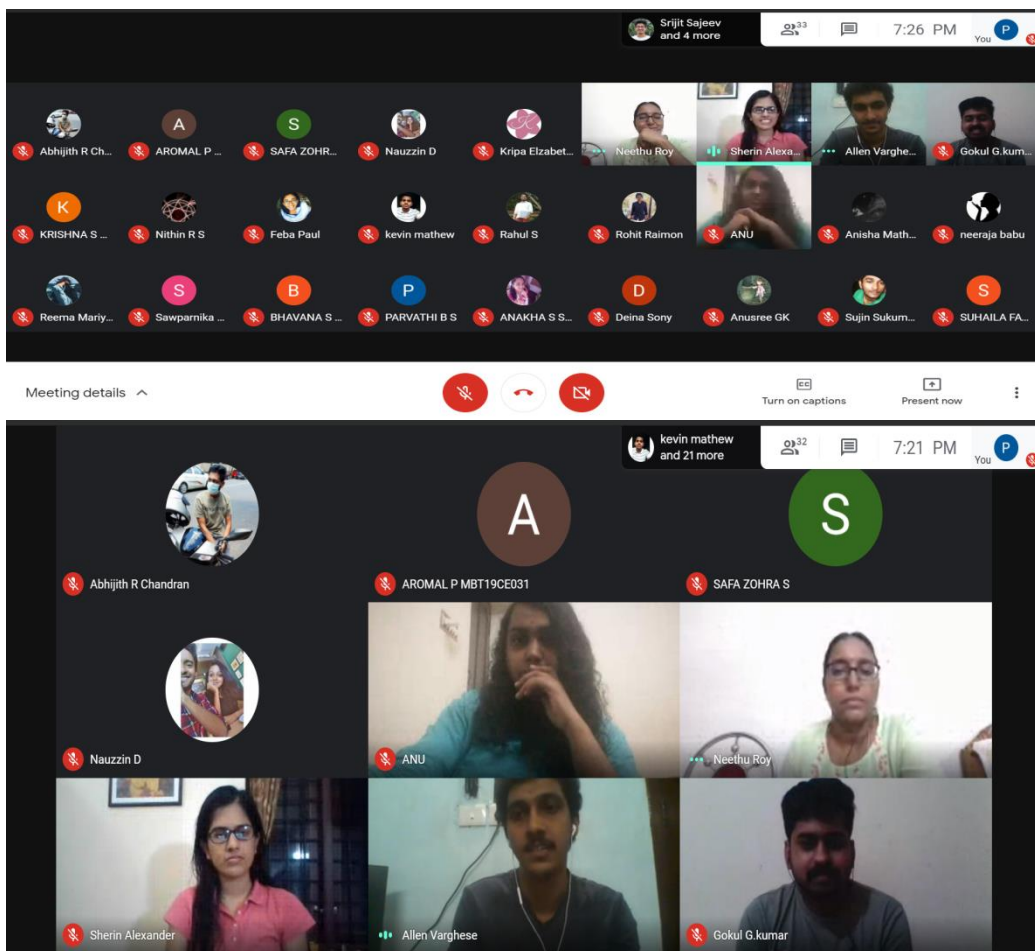
- **ANNUAL EXECUTIVE COMMITTEE MEETING 2019-2020**

The new committee members for the coming academic year 2020-2021 and conference team members were announced on 4th November, 2020 through Google meet. The Special guests who attended the meeting are Dr. Kuncharia P. Issac, Director General, XIME Group of Institutions, Mr. Kesavan Gangadharan, Structural Consultant, Iyer and Mahesh, who are also the practitioner advisors for ASCE-MBCET and Dr. Abraham T. Mathew, Principal, MBCET.

No. of participants-45

- **ALUMNI MEET**

ASCE MBCET Student Chapter organized an alumni meetup inviting the student chapter committee members of the previous years as part of the 4th year anniversary celebration of the chapter. The event was conducted on Friday, 13th November, 2020 at 7 pm through Google meet. It was indeed very enlightening and refreshing to listen to the experiences from former committee members during their college life as well as how being part of the chapter has helped them break out of their shell and changed their outlook on civil engineering in general. A total of 35 participants attended the event.

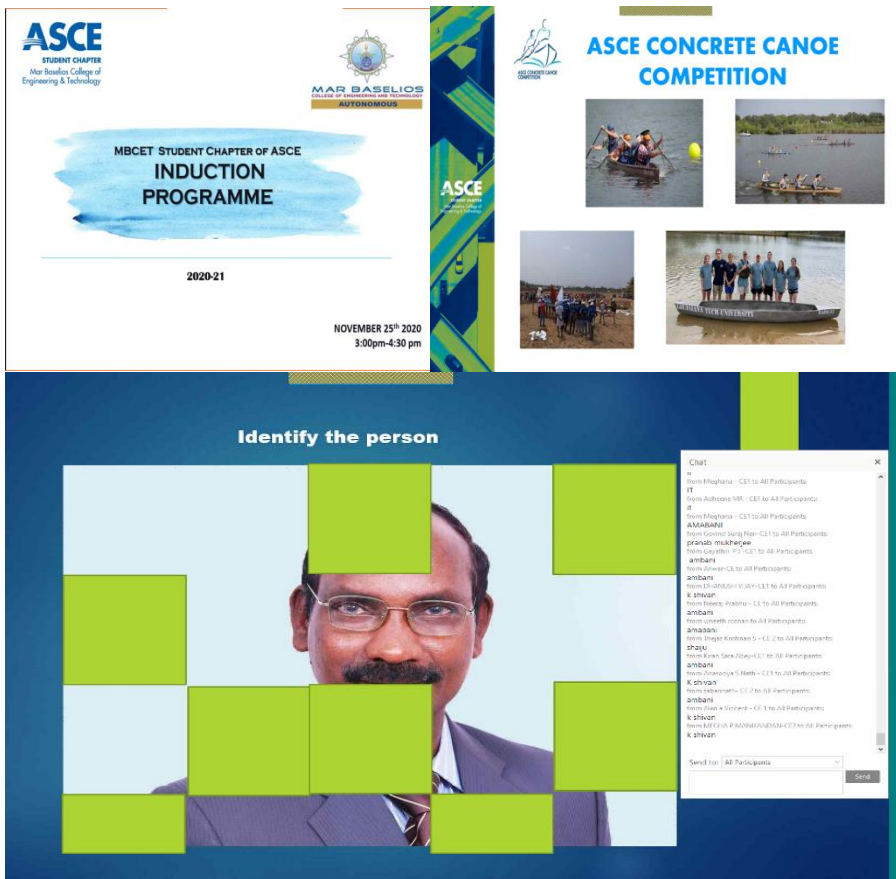


- **ASCE MBCET INDUCTION PROGRAMME FOR FRESHERS**

ASCE MBCET student chapter conducted an induction programme for first year students from Civil Department, MBCET on 25th November, 2020. The programme was conducted through Cisco Webex app.

The first half of the event consisted of presentation for introducing ASCE MBCET student chapter to the first-year students. The steps for registration and various events in ASCE conference were also clearly explained to the students. This was followed by fun events like quiz, picture puzzle, logo identification and rapid-fire round. Winners were also announced for each event.

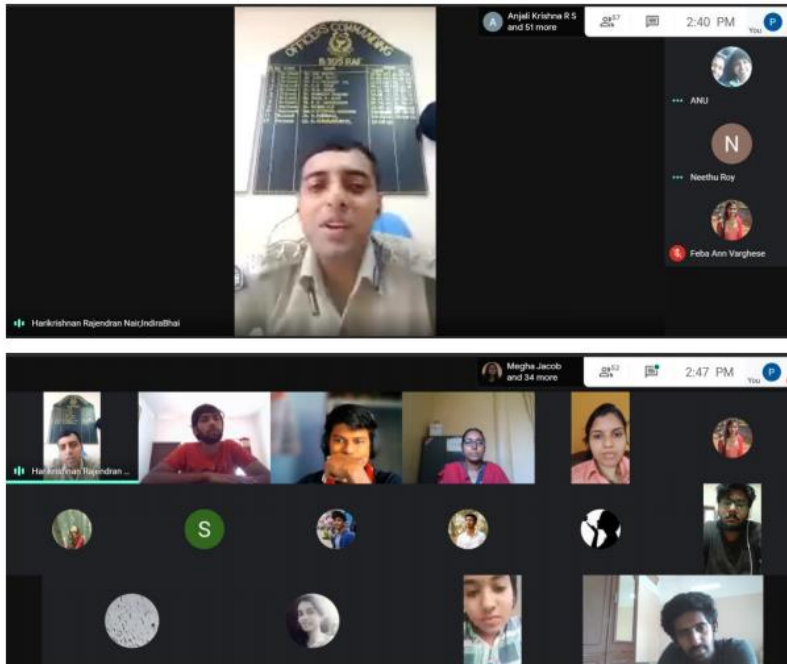
Apart from ASCE MBCET student chapter faculty advisors Dr. Neethu Roy and Ms. Athira I. C., Ms. Jaya S. Pillai, Dr. Elizabeth Kuruvila, and Ms. Sangeetha Sajeev from the Civil Department of MBCET attended the event. A total of 126 students attended the event. The event started at 3pm and ended by 4:30pm. The overall feedback for the event was very positive.



- **KNOW YOUR ALUMNI**

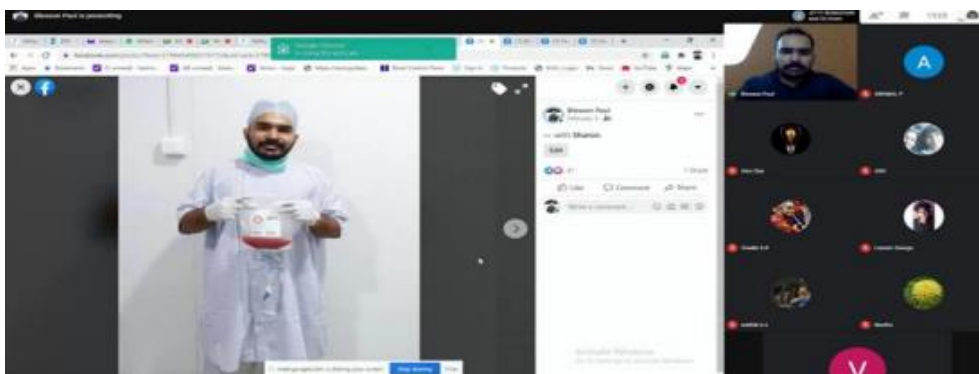
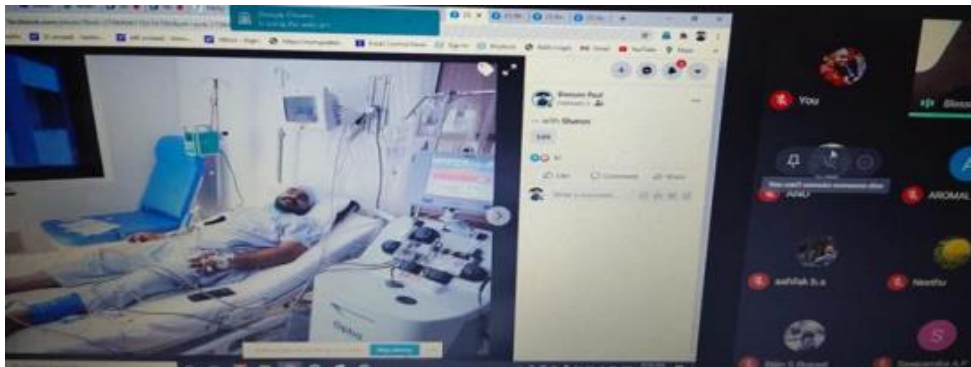
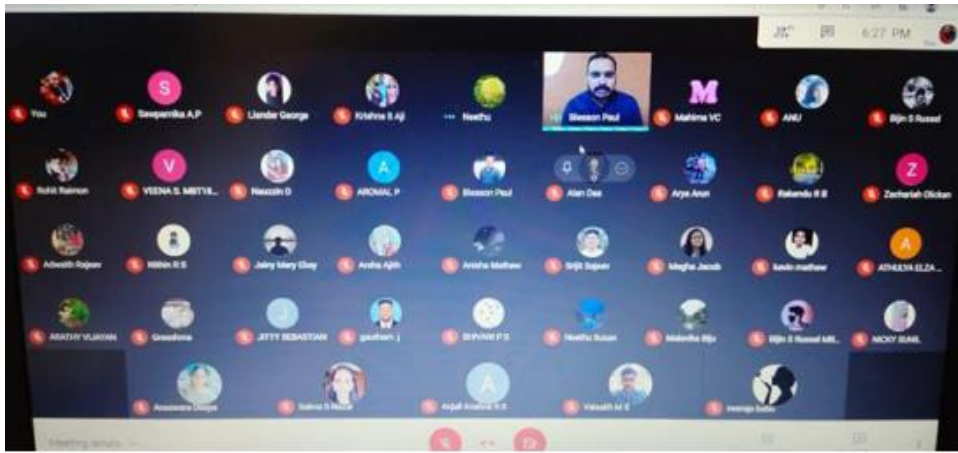
As part of the KYA series, MBCET Student Chapter of ASCE invited Harikrishnan R. I., AC (Assistant Commandant) from the 2006-2010 Civil Engineering batch of MBCET. This instalment

of the KYA series was also conducted through Google meet on 5th December, 2020. Mr. Harikrishnan is currently enlisted with Rapid Action Force (RAF). He has previously served in the Anti Naxal Commando Force (201 CoBRA) in left wing extremist areas, attached as Asst. Commandant with CoBRA School of Jungle Warfare and Tactics (CSJWT). He has been awarded with the Internal Security Medal (LWE) 2018. It was a very enlightening session as he shared his words of wisdom, not only from his experiences in the force but also from his college life. It was truly motivating to hear him speak, particularly for those students with aspirations of going into the public service from an engineering background.



● BLOOD DONATION WEBINAR

MBCET student chapter of ASCE conducted a webinar on blood donation on 7th December (Monday), 2020, at 6:15 pm via google meet. The session was taken by Mr. Blesson Paul, Field Officer, APJ Abdul Kalam Technological University (APJAKTU) NSS Cell. He is a Coordinator for Blood Donors Kerala. He also serves as an IT manager at KLM Group. The webinar offered insight on topics such as physical conditions required by the donor, post donating benefits for the donor, blood groups, plasma donation mechanism, stem cell applications. This was followed by an interaction Q&A session. The webinar was attended by a total of 41 participants including both students and staff. It was really an informative session that educated the participants about blood donation.



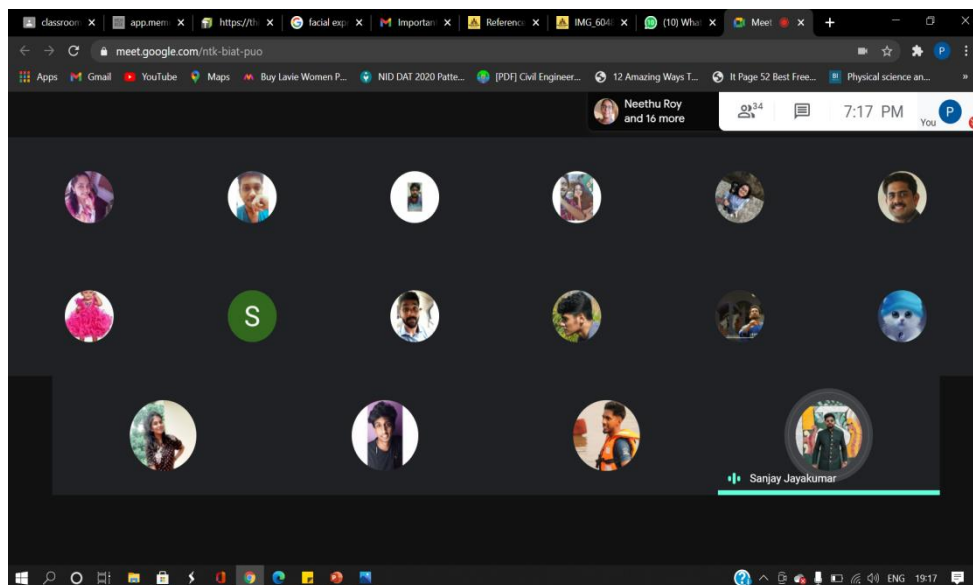
- **SOCIAL EVENT**

MBCET Student Chapter of ASCE sponsored lunch for the residents of SWAPNAKOODU Charity Home at Aramada on 21st December, 2020. Swapnakoodu charity home is a charitable organization coming under the Legal Protection Council. The student chapter donated Rs. 5000 to the organization for the lunch. The event was organized as a part of Christmas Celebration by the chapter to recognize the true meaning of Christmas which is to spread love and joy to the people in need of it.



- **MEETUP WITH ASCE SAINTGITS STUDENT CHAPTER**

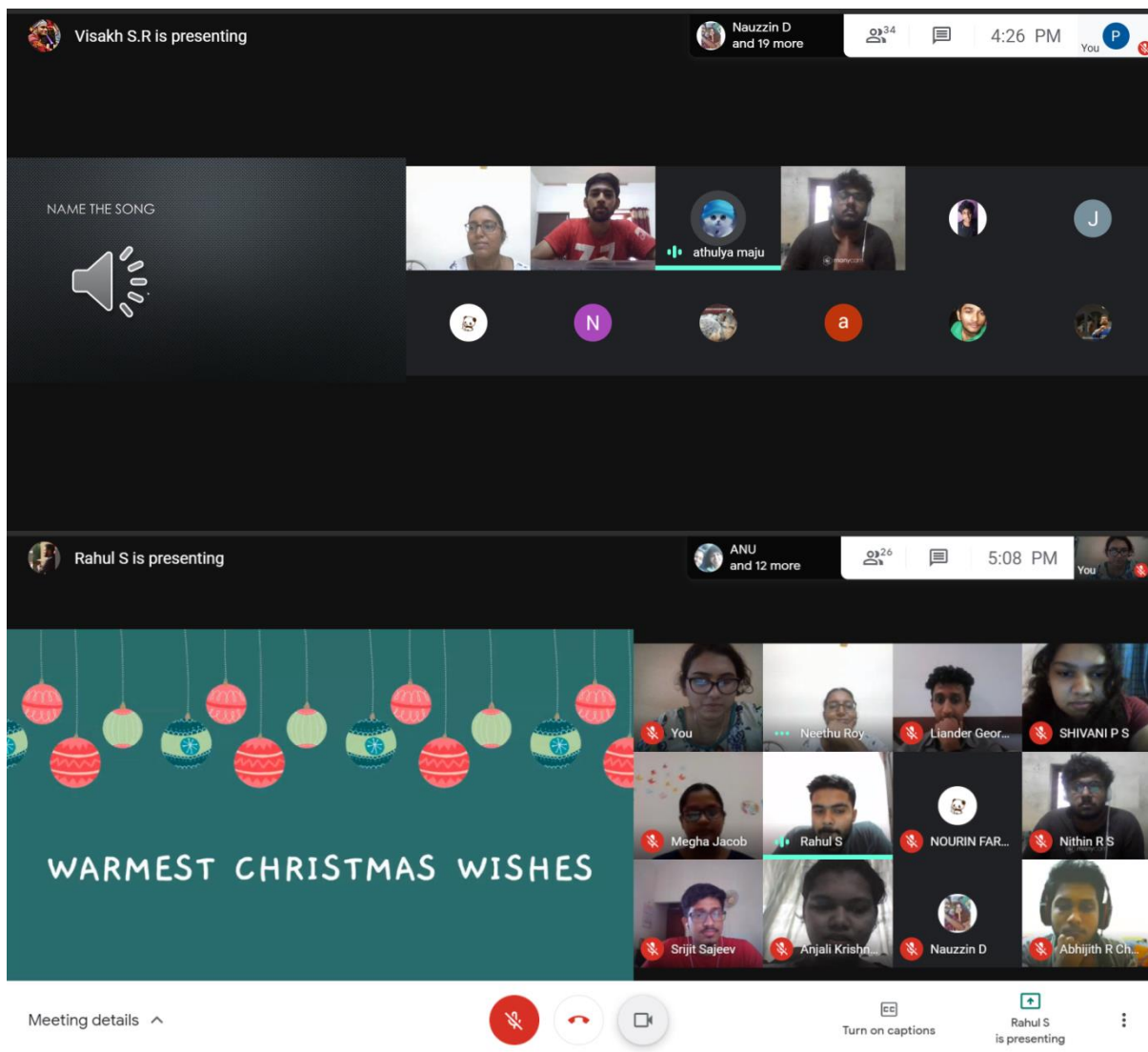
An interactive session was organized in collaboration with ASCE Saintgits Student Chapter on 21st December, 2020 at 7 pm through Google meet. The main aim behind the event was to give more insight to the committee and conference team members on the concrete canoe competition conducted as a part of ASCE National Conference. The Saintgits canoe team (2020) gave a walkthrough of their preparations, strategies as well as tips for better management of the whole event. It was a very enlightening and informative session for the team members. A total of 35 participants attended the meetup.



- **ASCE MBCET CHRISTMAS CELEBRATION 2020**

MBCET Student Chapter of ASCE organized a Christmas celebration event on 23rd December, 2020 from 4:00-5:00 pm. The event was conducted through google meet. Many interesting and fun events were conducted like “Name the song” wherein the participants had to guess the song from the tune played, classic crossword puzzle related to Christmas and riddle quiz. A recorded video of the students of the chapter singing Christmas carol was also played.

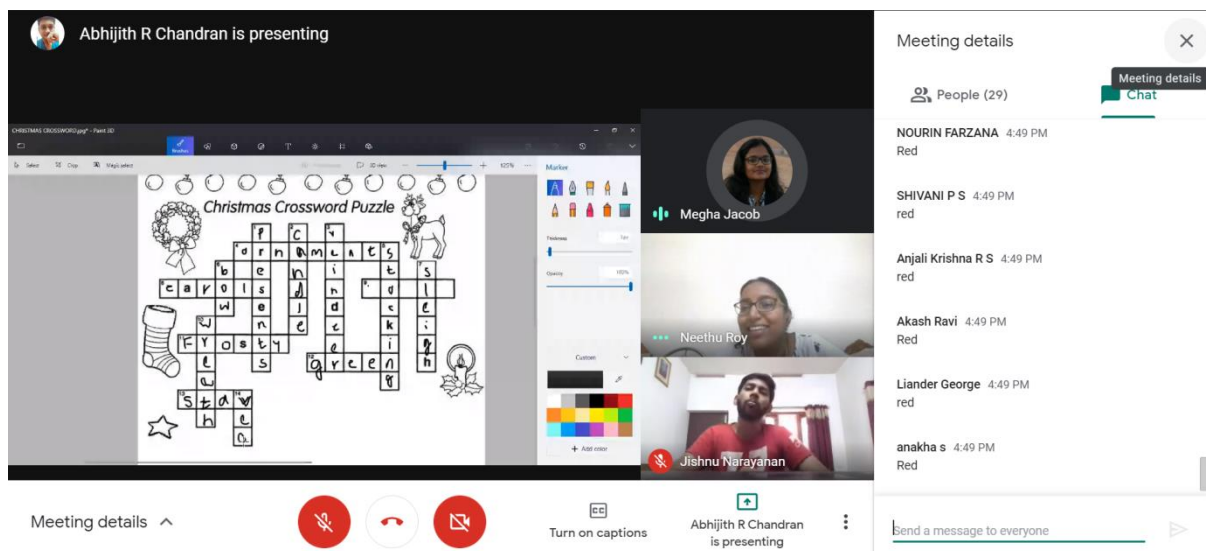
A total of 35 participants attended the programme which included second, third, final year students and the faculty advisor of the chapter, Dr. Neethu Roy. The programme indeed kept the essence of Christmas alive amidst the pandemic scenario.



- **QGIS WORKSHOP**

MBCET Student Chapter of ASCE organized a hands-on workshop on QGIS (or Quantum GIS) on 26th January, 2021 through google meet from 1:30-4:00pm. The session was taken by Mr. Bibin Hezakiel V., GIS Analyst at Kerala Infrastructure Investment Fund Board (KIIFB). The session started with the introduction to various features, functionalities and capabilities of QGIS software. A

walkthrough of the steps involved in analysis and editing of geo-spatial data was also demonstrated for the participants to try. It was a very interactive session and would surely prove helpful for students doing projects involving GIS applications. A total of 85 participants including both staff and students attended the workshop. E certificates were provided to all participants of the session.



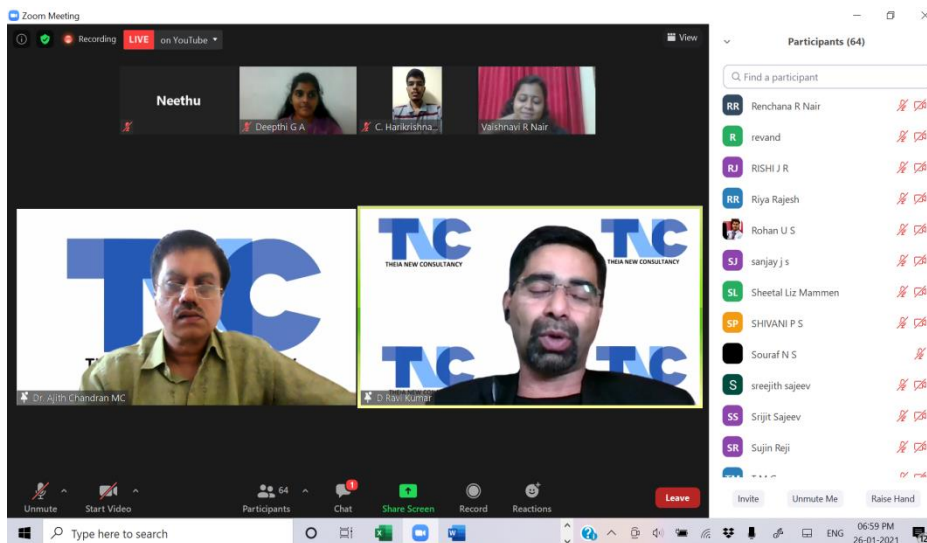
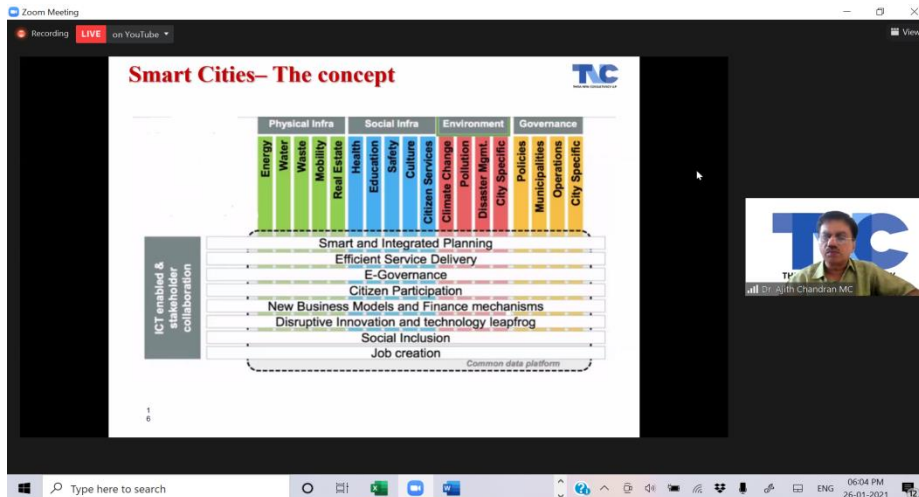
● SMART CITY TALK SESSIONS

Mar Baselios Corporate Relations in association with Catalyst Mar Baselios (IEDC), Institutions Innovation Council (IIC), and MBCET Student Chapter of The American Society of Civil Engineers (ASCE) conducted a three day talk session on Smart City. The event was conducted on 26th, 27th and 30th January, 2021 from 5:30-6:30 pm through Zoom meetings app.

The Smart City project is a convergence of major engineering streams including CSE, ECE, EEE, CE & ME, that drives economic growth and harnesses technology for smart outcome. The sessions

were taken by Dr. Ajith Chandran M.C., Director-Technical (Applied Electronics), Theia New Consultancy LLP (TNC). The sessions covered topics like concept of smart cities, its evolution in India, smart buildings, roles of engineers in smart cities and cyber security concerns in Smart cities.

A total of 70 participants attended the sessions. E-certificates were provided to the participants upon successful participation and completion.



- **TALK ON SUSTAINABLE MATERIALS**

MBCET Student chapter of ASCE organized an online talk session on **Sustainable Materials** on 11th February, 2021. The talk was handled by Mr. P. B. Sajan, Joint Director, COSTFORD. It was held on Google meet and over 60 students and faculties participated. Mr. Sajan talked about the use of renewable building materials like bamboo which can be used for making piles, reinforcements, walls, roofing etc. and their advantages and importance in sustainable construction. The participants gave a positive feedback saying that they found it useful and easy to understand. The Centre of Science and Technology for Rural Development (COSTFORD), is a nonprofit organization founded

in 1985 which is dedicated to changing the social, economic, and political position of marginalized and disadvantaged groups in the society.

