

# Mar Baselios College of Engineering and Technology (Autonomous)

## Annual Report

February 2024 - January 2025



### American Society of Civil Engineers Student Chapter

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# Contact Information



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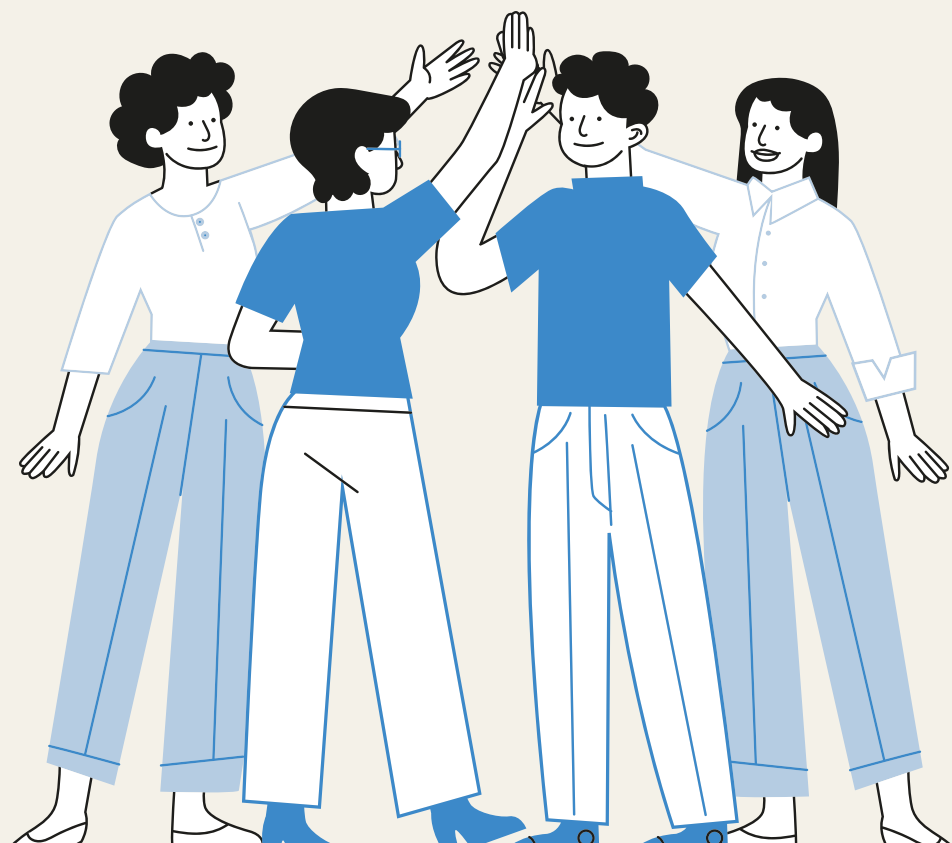


## Social Media Address

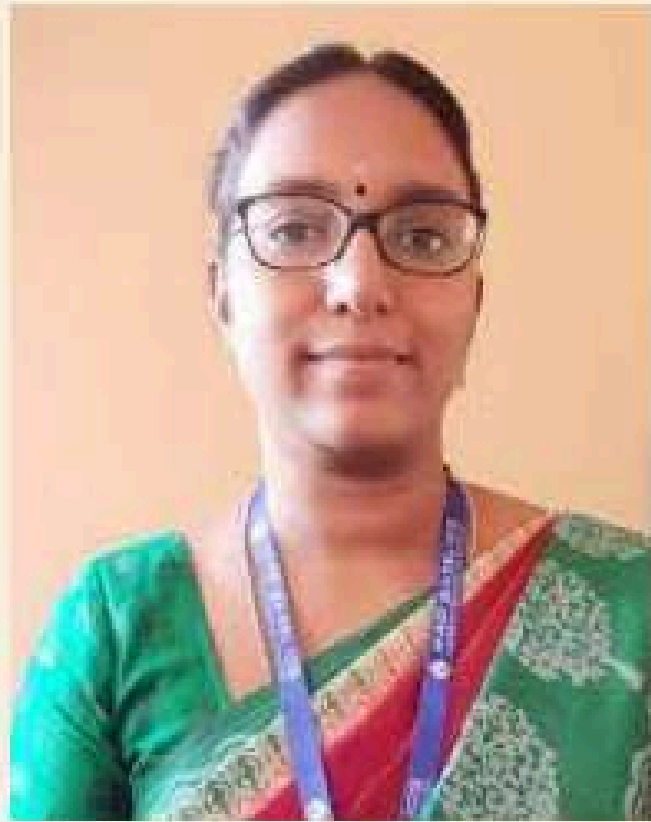
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[https://instagram.com/asce\\_mbcet](https://instagram.com/asce_mbcet)**

# MBCET ASCE Team

2024-25



# Our Advisors



## **FACULTY ADVISOR**

**Dr. Neethu Roy**  
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Mob: 9567169399



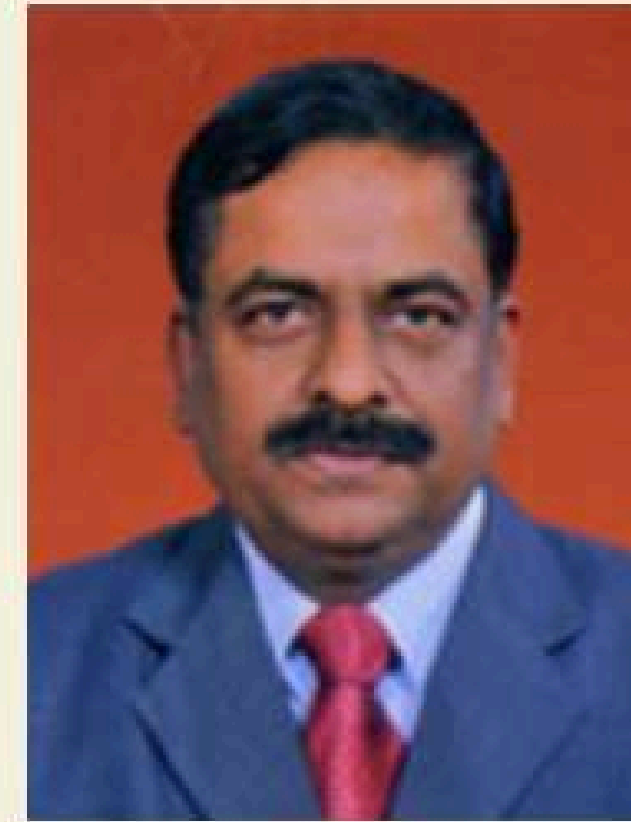
## **FACULTY CO-ADVISOR**

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## **FACULTY CO-ADVISOR**

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## **PRACTITIONER ADVISOR**

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## **PRACTITIONER ADVISOR**

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# CIVILIZE 2024

## EXECUTIVE COMMITTEE



Swetha S  
President



Fayaz M  
Vice President



Amal A  
Recording Secretary



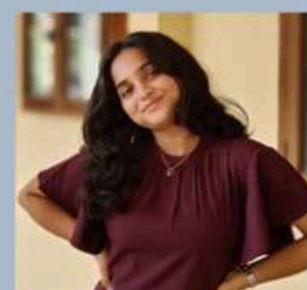
Hiba F  
Corresponding Secretary



Gayathri S.K  
Treasurer



Arjun N  
Member



Nandana N  
Member

Recruitment of new members to the MBCET Student Chapter of ASCE, for the academic year 2024-25

Under the supervision of our faculty advisor, Dr. Neethu Roy, the students were selected through an interview process and the committee was finalized based on various skillset.

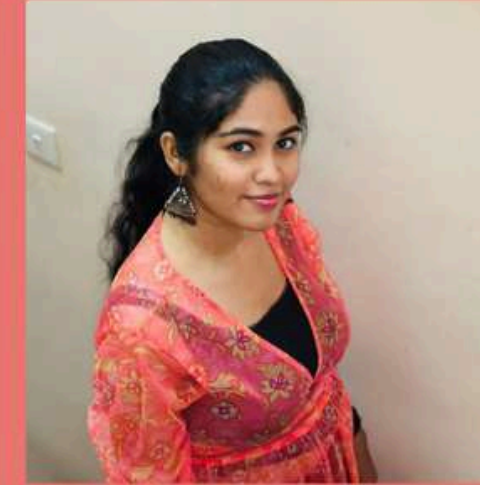


# MEDIA COMMITTEE



Jobin P.N  
Head

# ACTIVITY COMMITTEE



Savya U  
Head



Salmanul F N S  
Member



Krishna Priya  
Member



Devanandha S J  
Member



S R Devananda  
Member



## MEETING ROOM COMMITTEE



Mable T.P  
Head

## MEMBERSHIP COMMITTEE



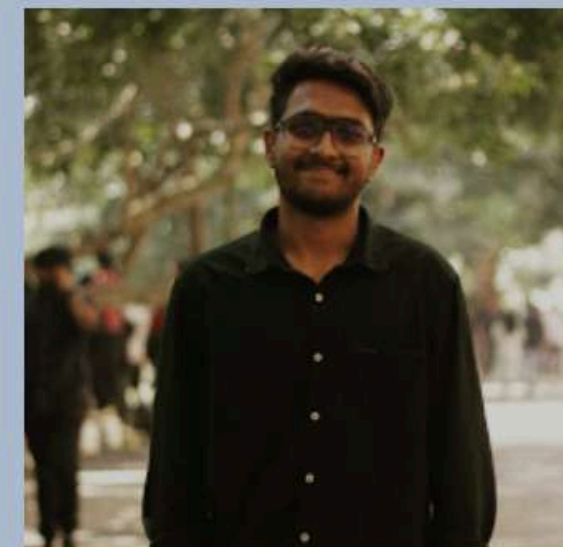
Balasubramaniam  
Head



Anagha R Nair  
Member



Merin M B  
Member



Aadishes A S  
Member



Krishna A  
Member



# NEWSLETTER COMMITTEE



Hashna Khader  
Head

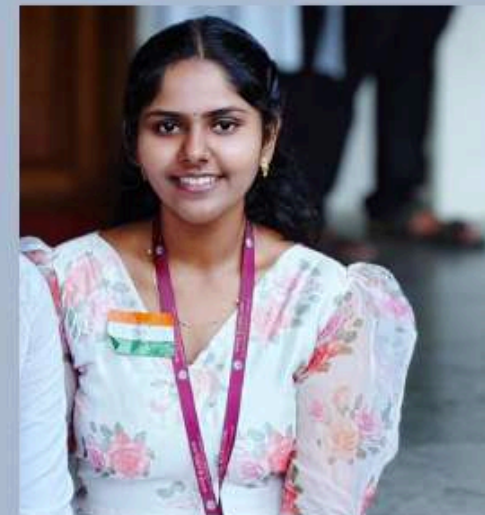


Theresa Ann T  
Member

# SOCIAL SERVICE COMMITTEE



Gowri Prasad  
Head



Anishma M S  
Member





## 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 & OBJECTIVES



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



GOALS	ACTION PLANNED	EVENTS ORGANISED
To increase the overall ASCE student registration	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	<ul style="list-style-type: none"> <li>• Induction program for freshers</li> <li>• Awareness Programs</li> <li>• Offline meet-ups</li> </ul>
To widen the knowledge of the latest Civil Engineering Developments	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	<ul style="list-style-type: none"> <li>• Technical talks</li> <li>• Alumni Talks</li> </ul>

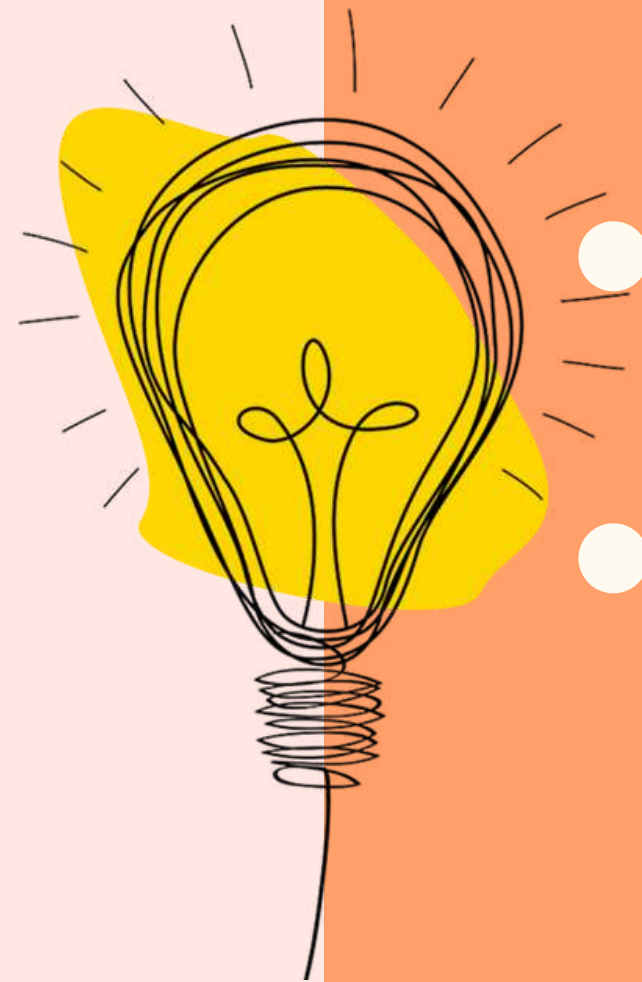
GOALS	ACTION PLANNED	EVENTS ORGANISED
To increase the practical knowledge and on-site experience of students	Making learning more fun and deep by increasing the practical knowledge of students by conducting field trips and hands-on work events to gain more experience	<ul style="list-style-type: none">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



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# TECHNICAL EVENTS

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- Field Trips
- Discussions



# FIELD VISIT TO KALLADA DAM, THENMALA

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- On 5th October 2024, the MBCET student chapter of ASCE organized a field trip for the S5 Civil Engineering Students to Kallada Dam and Ottukal Weir in Thenmala
- Key details and functioning of the dam were discussed
- The students learned how the dam functions, including water flow control and safety measures.
- This visit gave them a practical understanding of dam operations and water management, complementing their academic studies.



**DATE: 05-10-2024**

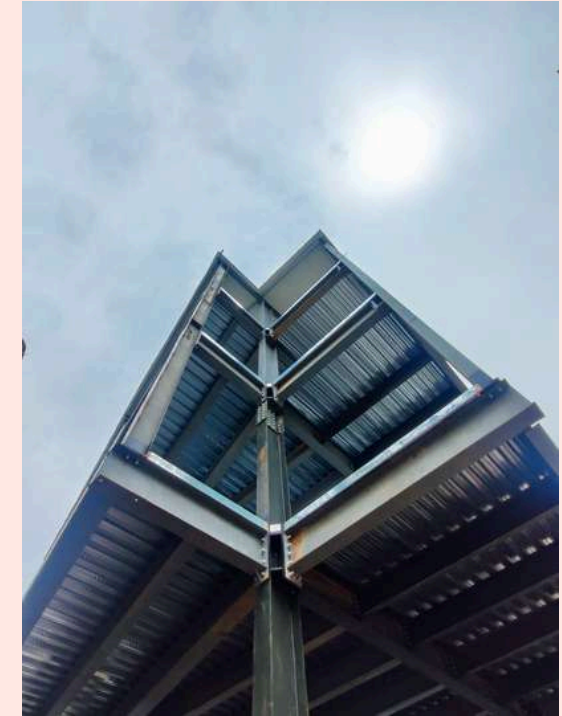
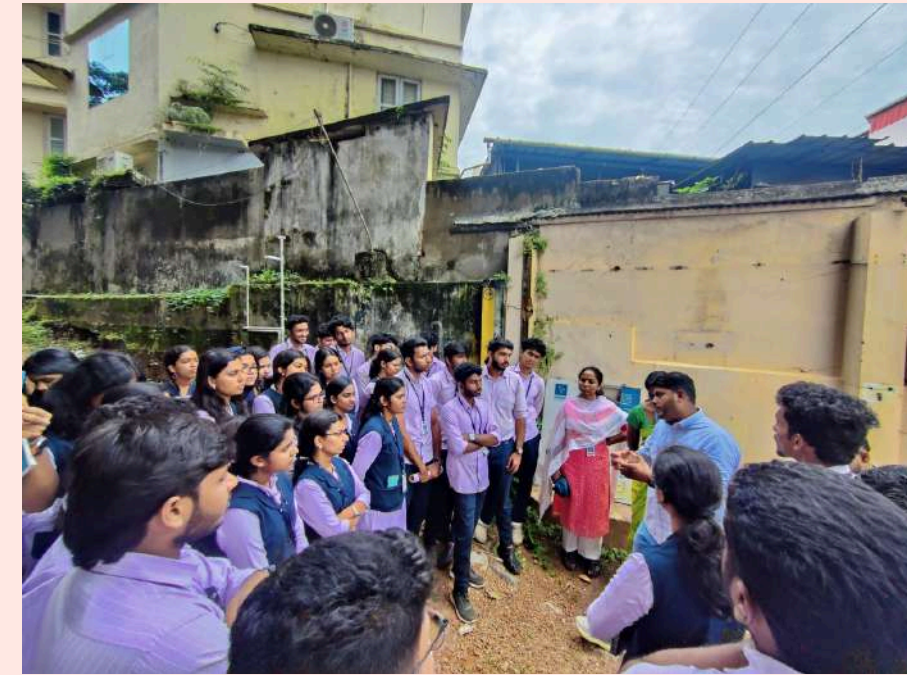
**VENUE: KALLADA DAM, THENMALA**



# VISIT TO STEEL STRUCTURE CONSTRUCTION SITE

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- On the 14th of October 2024, the chapter organized a field trip for the final year students to a prefabricated steel construction site at Nalanchira, Trivandrum
- The site offered students a unique opportunity to observe advanced construction techniques and modern design approaches.
- The experience was highly educational, offering students a comprehensive understanding of innovative construction practices.



**DATE: 14-10-2024**

**VENUE: NALANCHIRA, TRIVANDRUM**

# ONE DAY TRAINING PROGRAMME ON ROAD SAFFETY AND YOUTH LEADERSHIP WITH KSCSTE-NATPAC

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The MBCET ASCE Student Chapter, in collaboration with KSCSTE-NATPAC, organized a one-day training program on road safety and youth leadership. The event featured multiple sessions, starting with Dr. Shaheen's discussion on India's road crash scenario and accident characteristics. Dr. Praveen P.S. followed with an insightful session on the principles of road safety, the Safe System Approach, and UN safety targets for 2030. In the next session, Dr. Shaji P.M. highlighted the importance of intelligent road use, focusing on awareness, behavior, and choice. The program concluded with a hands-on first aid session that provided practical guidance for accident scenarios and encouraged active student participation. Refreshments were served for students and speakers during the breaks.





# INTERACTIVE SESSION ON “TECHNOLOGIES ON LOW CARBON AND LCN TECHNOLOGIES” BY IIT-MADRAS PROFESSOR DR JAYASREE CHAKKAMALAYATH

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On March 1, 2024, Dr. Jayasree Chakkamalayath led an interactive session on "Technologies on Low Carbon and Lean Technologies" (TLC2), focusing on sustainable practices in construction. She discussed using construction waste, alternative materials, and reducing environmental impact. Attendees explored TLC2 facilities like 3D concrete printing and Life Cycle Assessment, enhancing innovation and practical skills. The session received positive feedback for its valuable insights into sustainable construction technologies.



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# TALK SESSIONS

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- Technical Talks



# KNOW YOUR ALUMNI

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- On March 21, 2024, the ASCE Student Chapter organized an insightful online talk session aimed at guiding the 2023–2024 batch in making informed career decisions. The session featured our esteemed alumna, Mrs. Gouri B.S., a Project Engineer at AECOM India Pvt. Ltd., as the guest speaker.
- Mrs. Gouri shared her inspiring career journey, offering practical advice and industry insights that deeply resonated with the attendees. Her guidance provided a fresh perspective on the civil engineering field, helping participants navigate their professional paths with confidence.
- The session concluded on an uplifting note, leaving the students motivated and eager to explore new opportunities in their careers.

**DATE: 21-03-2024**



# KNOW YOUR ALUMNI

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- On 17th December 2024, The ASCE Student Chapter hosted an online talk session to gain valuable insights into the career journey of a civil engineer
- The speaker of the event was our alumni Mrs. Gouri B.S., a project engineer at AECOM India Pvt. Ltd.
- Her valuable lessons and practical advice resonated deeply with the participants, offering a fresh perspective on the industry.
- The session concluded with an air of enthusiasm and inspiration, leaving attendees motivated to explore new horizons in their professional journeys.



**DATE: 17-12-2024**

# TALK ON TRAFFIC SURVEYS

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- On 18th January 2025, a talk session on Understanding Traffic Surveys and Management Measures was conducted
- The speaker of the event was Dr. Praveen P.S., a junior scientist at KSCSTE-NATPAC
- The importance and role of Traffic Management was discussed using case studies
- The talk session was informative and engaging and it helped raise awareness about Traffic Engineering



**DATE: 18-01-25**

**VENUE: LAURIE BAKER HALL**



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# COMPETITIONS

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- Quizzes
- Cultural Events
- Technical events





# VIDEO SHORTS CAMPAIGN

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- On 10th September 2024, the MBCET student chapter of ASCE arranged a video shorts campaign to showcase the beauty of the Civil Department
- The resulting video was presented during the ICID (International Commission on Irrigation & Drainage) conference
- The full video was meticulously crafted and provided by Jobin P. N. and Fayaz Muhammad from S7 CE2, Flerin Philip from M.Tech TE, and Gokul B from M.Tech SE

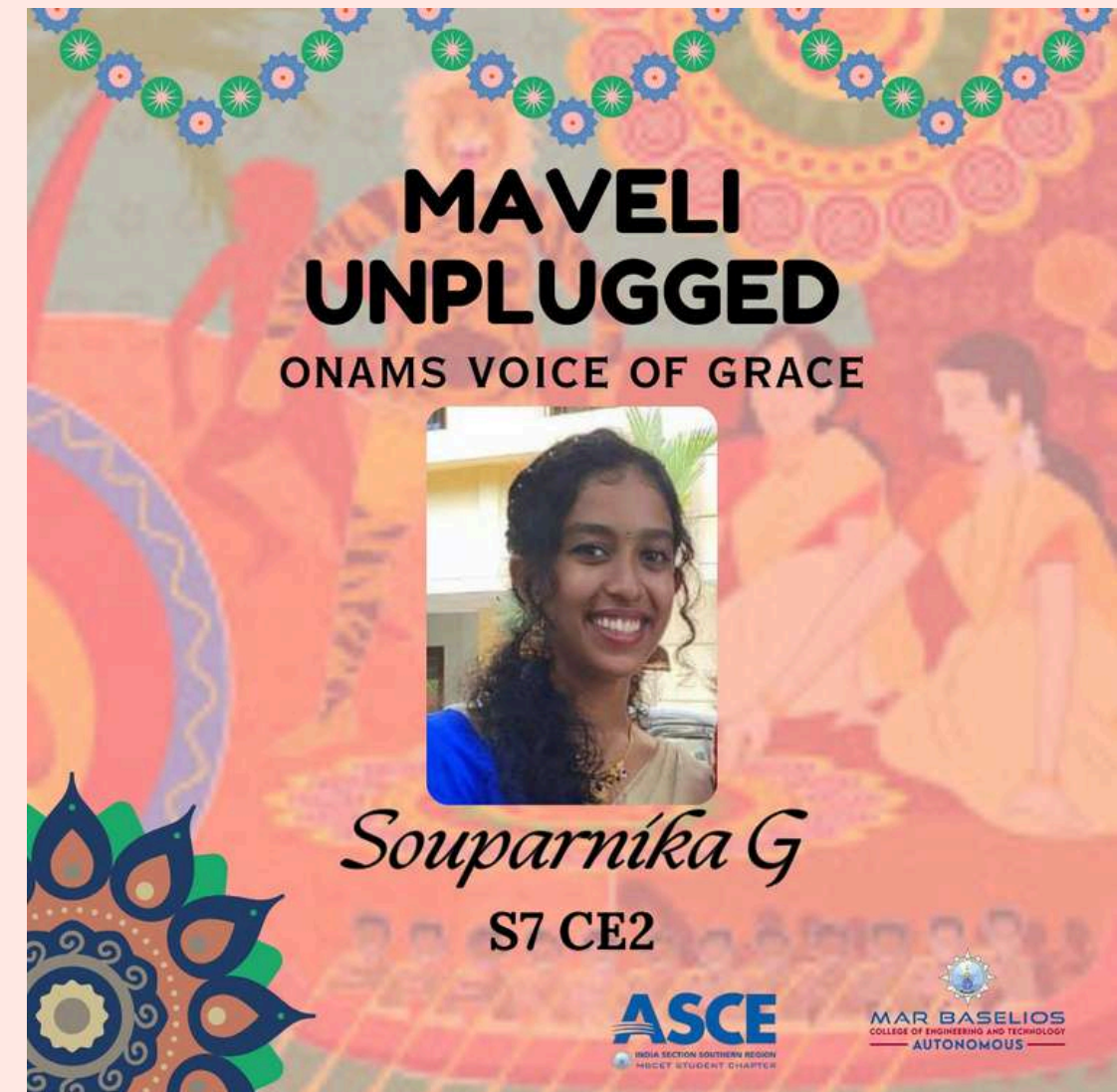




# MUSIC COMPETITION

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- On 18th September 2024, the MBCET student chapter of ASCE conducted a music competition in celebration of Onam
- Seven participants portrayed their musical prowess, resulting in a harmonious blend of creativity and passion
- Souparnika G from S7 CE2 captivated the audience and judges alike with her enchanting performance, earning her the coveted winner's title

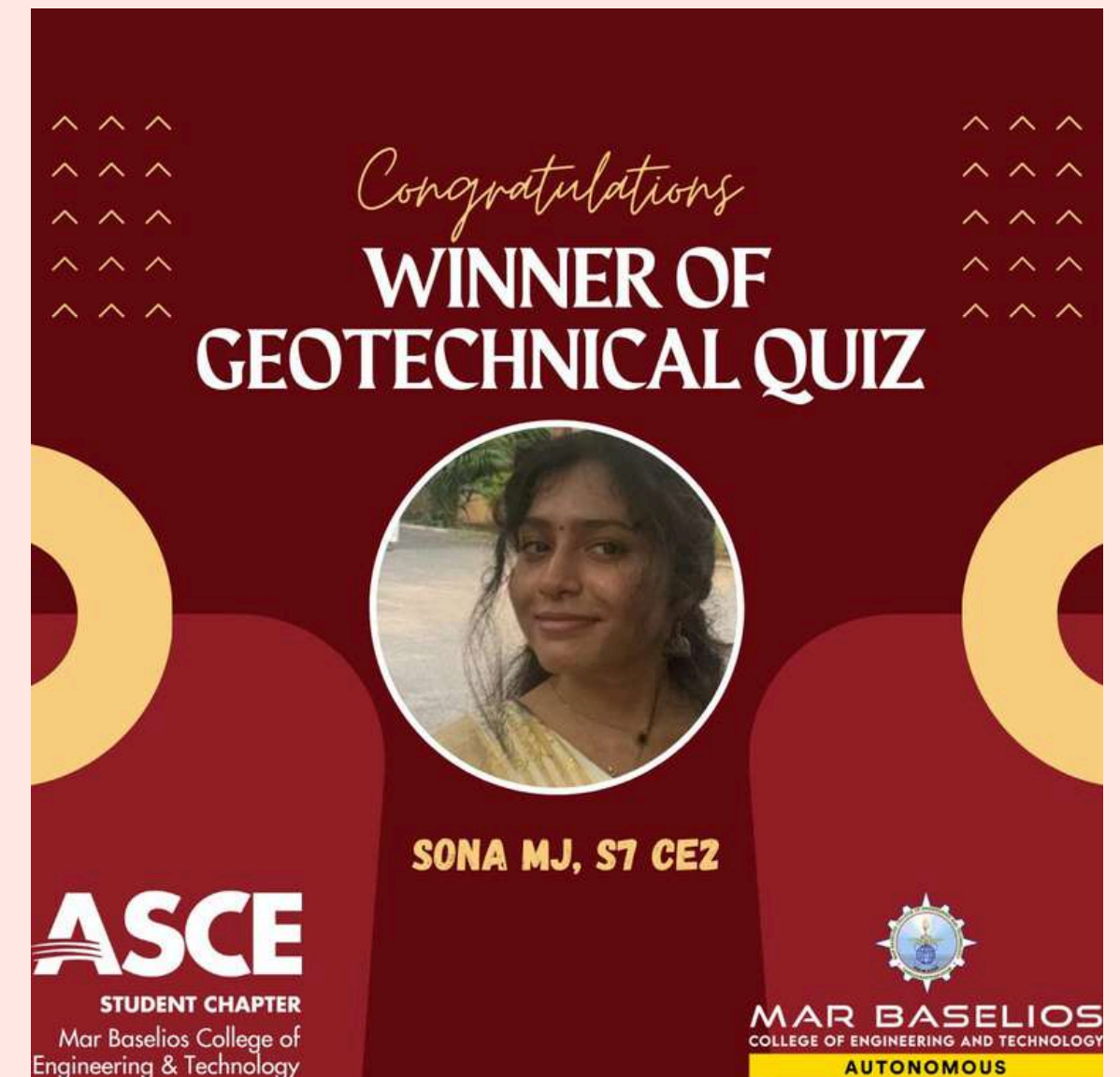


**DATE: 18-09-2024**

# GEOTECHNICAL ENGINEERING QUIZ

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- On 03rd December 2024, the MBCET student chapter of ASCE organized an online geotechnical engineering quiz
- Around 20 participants showcased knowledge and enthusiasm for the subject
- Sona Mary John from S7 CE2 emerged as the winner, demonstrating exceptional expertise and understanding.



**DATE: 03-12-2024**



# DRAWING COMPETITION

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- On 04rd December 2024, the MBCET student chapter of ASCE conducted a drawing competition called 'Artsy Archive'
- The deadline was till 07th December
- Around 15 students participated and shared their best artwork
- After a tough battle, S. Shmithi from M1 TE won the competition



**DATE: 04-12-2024**

# QUIZ FIESTA

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- On 17th January 2025, the MBCET student chapter of ASCE arranged a quiz session with the S4 and S6 CE students
- The session witnessed high levels of enthusiasm and active participation from the students.
- Questions covered a wide range of subjects from the civil engineering curriculum, ensuring a comprehensive and challenging experience
- The event was a huge success, fostering learning, collaboration, and competitive spirit among the students



**DATE: 17-01-2025**



# TECH QUIZ

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- On 24th January 2025, the MBCET student chapter of ASCE conducted another quiz session for students
- The event witnessed high levels of enthusiasm and active engagement from the students
- The questions were designed to cover survey-related topics and knowledge about Republic Day, ensuring relevance and variety
- The event was a resounding success, promoting learning, collaboration, and a healthy competitive spirit among participants



**DATE: 24-01-2025**



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# SOCIAL EVENTS

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- Charity events
- Fundraising
- Get-together



# ONAM FOOD DRIVE

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- On 18th September 2024, the MBCET student chapter of ASCE organized a food drive, distributing 100 food packets to those in need.
- Funds raised from both staff and students of the department supported this initiative.
- Celebrated Onam in a meaningful and memorable way



**DATE: 18.09.2024**

**VENUE: THAMPANOOR**



# NEW YEAR FOOD DRIVE

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- On 03rd January 2025, to celebrate the New Year, the MBCET ASCE student chapter organized a food drive to support those in need.
- 100 food packets were distributed to the underprivileged, spreading joy and goodwill in the community.
- The initiative was a meaningful and enriching experience for everyone involved, fostering a sense of responsibility and compassion.



**DATE: 03.01.2025**


**VENUE: THAMPANOOR**





# INSTAGRAM

← asce\_mbcet



128 posts189 followers49 following

ASCE MBCET Chapter  
Science, Technology & Engineering  
ASCE Students Chapter of  
Mar Baselios College of Engineering and Technology,  
Trivandrum

... more  
forms.gle/X4tZ34rMntbC1ZNz6  
Mar Baselios College of Engineering and Technology,  
Thiruvananthapuram 695015

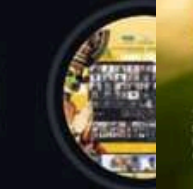




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2022Event 2022WORKSHOPS2021EVENTS




MAVELI  
FACULTY  
MBCET ASCE STUDENT CHAPTER 2024-25


← asce\_mbcet




SUB-COMMITTEES  
MEDIA COMMITTEE




SOCIAL SERVICE COMMITTEE




SUB-COMMITTEES  
ACTIVITY COMMITTEE




SUB-COMMITTEES  
FUND RAISING COMMITTEE




MEMBERSHIP COMMITTEE



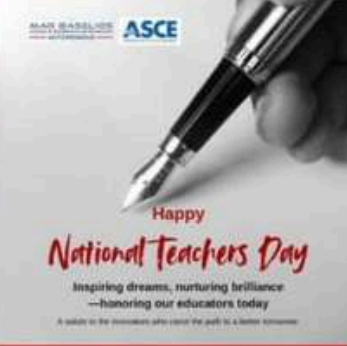
SUB-COMMITTEES  
MEETING ROOM COMMITTEE




NEWSLETTER COMMITTEE




Happy  
National Teachers Day




CAST  
YOUR VOTE




ASCE MBCET WISHES YOU A  
Happy  
EARTH DAY




ASCE MBCET wishes you a  
HAPPY  
VISHU  
2024




ASCE MBCET wishes you a Happy  
EID MUBARAK



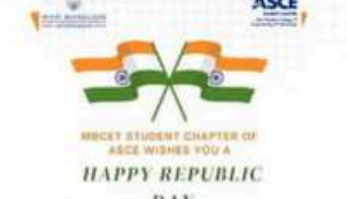
ASCE MBCET WISHES YOU A  
Happy  
EASTER




Happy  
Women's  
DAY



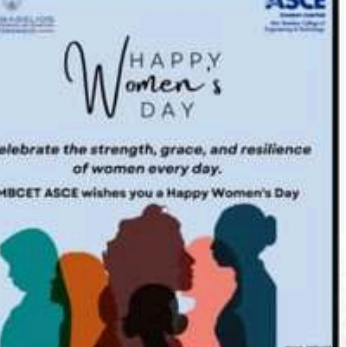
MBCET STUDENT CHAPTER OF  
ASCE WISHES YOU A  
HAPPY REPUBLIC  
DAY



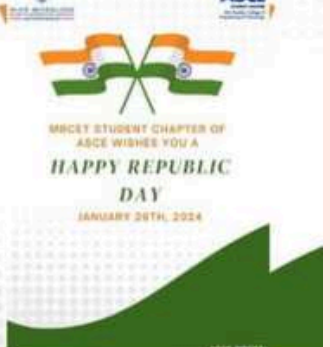
ASCE MBCET WISHES YOU A  
Happy  
EASTER




Happy  
Women's  
DAY




MBCET STUDENT CHAPTER OF  
ASCE WISHES YOU A  
HAPPY REPUBLIC  
DAY  
JANUARY 26TH 2024




ASCE MBCET WISHES YOU A  
Happy  
EASTER




Happy  
New Year  
2024




MBCET ASCE WISHES YOU  
MERRY  
Christmas



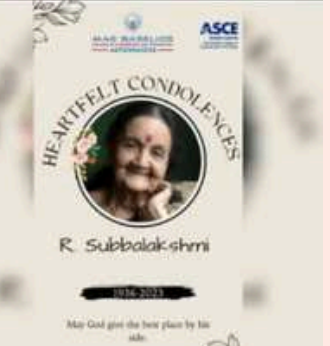
ASCE MBCET WISHES YOU A  
Happy  
EARTH DAY



ASCE MBCET wishes you a  
HAPPY  
VISHU  
2024



ASCE MBCET wishes you a Happy  
EID MUBARAK



ASCE MBCET WISHES YOU A  
Happy  
EASTER



Happy  
Women's  
DAY



MBCET STUDENT CHAPTER OF  
ASCE WISHES YOU A  
HAPPY REPUBLIC  
DAY



ASCE MBCET WISHES YOU A  
Happy  
EASTER



Happy  
Women's  
DAY



MBCET STUDENT CHAPTER OF  
ASCE WISHES YOU A  
HAPPY REPUBLIC  
DAY





# CULTURAL AND FESTIVE EVENTS

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- The ASCE student chapter at MBCET encouraged the members to participate in events organized by the college and uphold the culture through various events.





# WISHES POSTERS

