



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS



STUDENT CHAPTER
Mar Baselios College of
Engineering & Technology

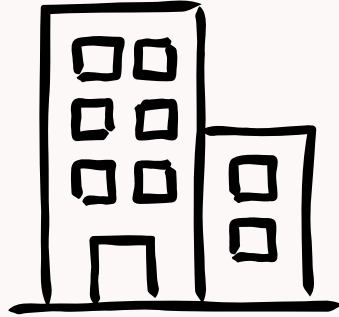
MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

ANNUAL REPORT

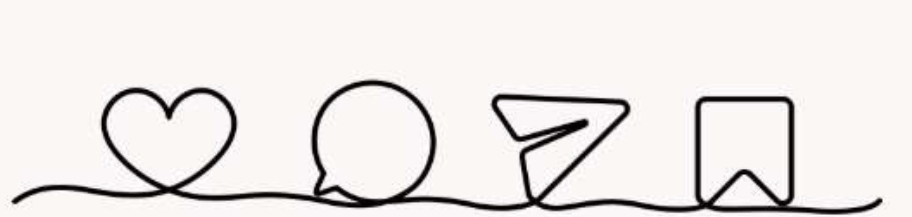
FEBRUARY 2025 – JANUARY 2026

CONTACT INFORMATION



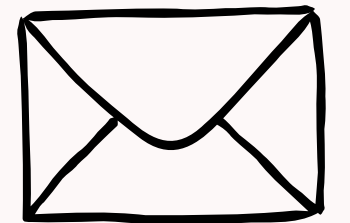
Mailing Address

Mar Baselios College of Engineering and
Technology(Autonomous) Mar Ivanios
Vidyanagar, Nalanchira P.O,
Thiruvananthapuram – 695015 Kerala, India



Social Media Address

<http://www.facebook.com/asce.mbcet>
https://instagram.com/asce_mbcet



Email Address

ascembcetstudents@gmail.com
neethumbt@gmail.com(Faculty Advisor)

Financial Summary

- Dues structure: nil

- As of January 25, 2026,

Total income: \$ 377.03

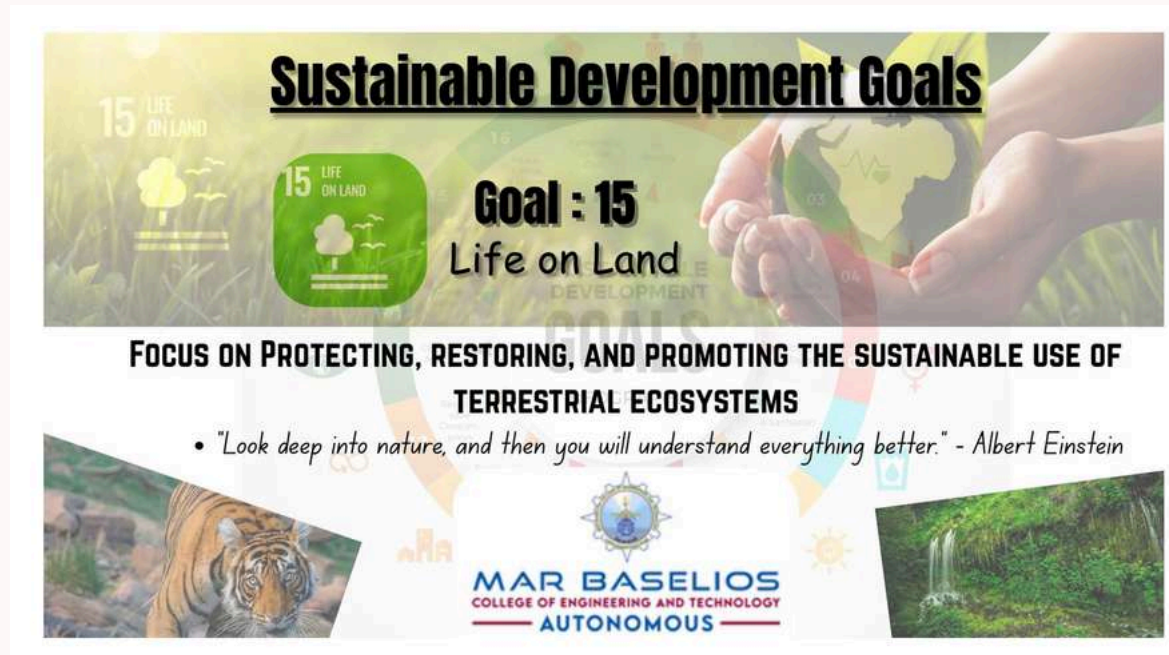
Total expenditures – \$ 281.15

Cash balance – \$ 95.88

Accounts receivable –NIL

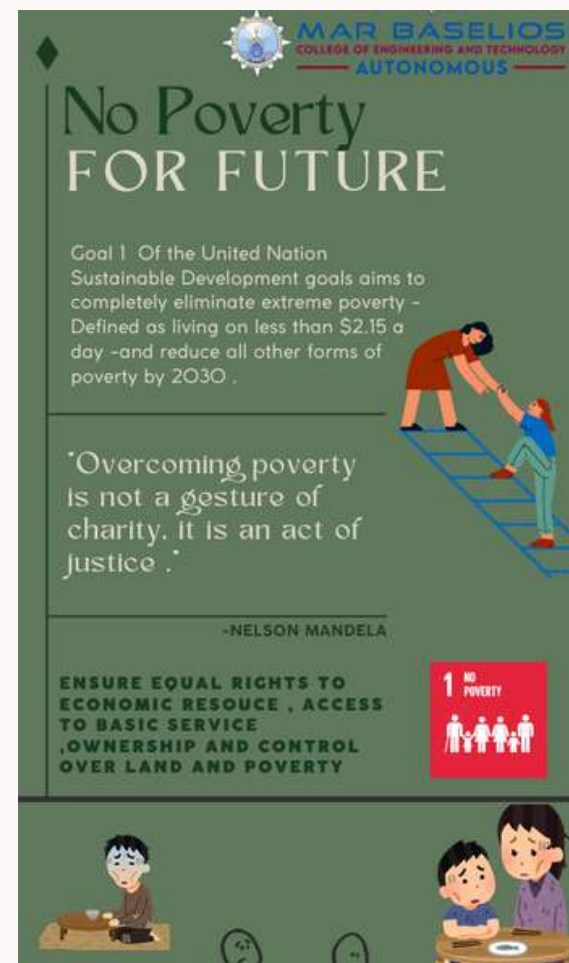
Accounts payable – NIL

MBCET ASCE TEAM 2025 - 2026



CIVILIZE 2025

- Recruitment of new members to the MBCET Student Chapter of ASCE, for the academic year 2025-2026.
- Under the supervision of our faculty advisor, Dr. Neethu Roy, the students were invited and selected through various activities like creating posters on SDG and an interview process. The committee was finalized based on various skill sets.



EXECUTIVE COMMITTEE



President
Nandana N.



Vice President
Arjun N.



Recording Secretary
Preenu Elizabeth



Corresponding Secretary
Siddharth A.



Treasurer
Krishnapriya K.V.



Member
Athira A.



Member
Aron Chris Sebastian

COMMITTEE HEADS



Media Head
Salmanul Fariz N.S.



Activity Head
Sreedev Jayan



Social Service Head
Hafiz Mohammed



Fundraising Head
Ashna B.S.



Membership Head
Noel Kuriakose



Meeting Room Head
Rahul Rangan



Newsletter Head
Merin Mariam Bijoy



OUR ADVISORS



Faculty Advisor
Dr. Neethu Roy
Prof. & Dean (R&D)
Dept. of Civil Engineering
MBCET, Kerala, India
M.ASCE # 10452418



Faculty Co- Advisor
Dr. Anumpama Krishna D.
Asst. Professor
Dept. of Civil Engineering
MBCET, Kerala, India



Faculty Co-Advisor
Ms. Archana J. Satheesh
Asst. Professor
Dept. of Civil Engineering
MBCET, Kerala, India

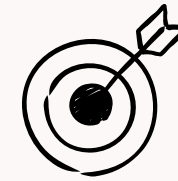


Practitioner Advisor
Dr. Kuncheria P. Issac
Vice Chancellor
Hindustan Institute of
Technology and Science
Chennai, India



Practitioner Advisor
Mr. Kesavan
Gangadharan
Structural Consultant –
Iyer and Mahesh,
Kerala, India

OUR MISSION



01

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.

02

The Chapter's mission aligns with that of the Department of Civil Engineering, MBCET, to provide quality engineering education that develops ethical, professionally competent civil engineers with strong conceptual and practical foundations to serve industry and society.

OBJECTIVES

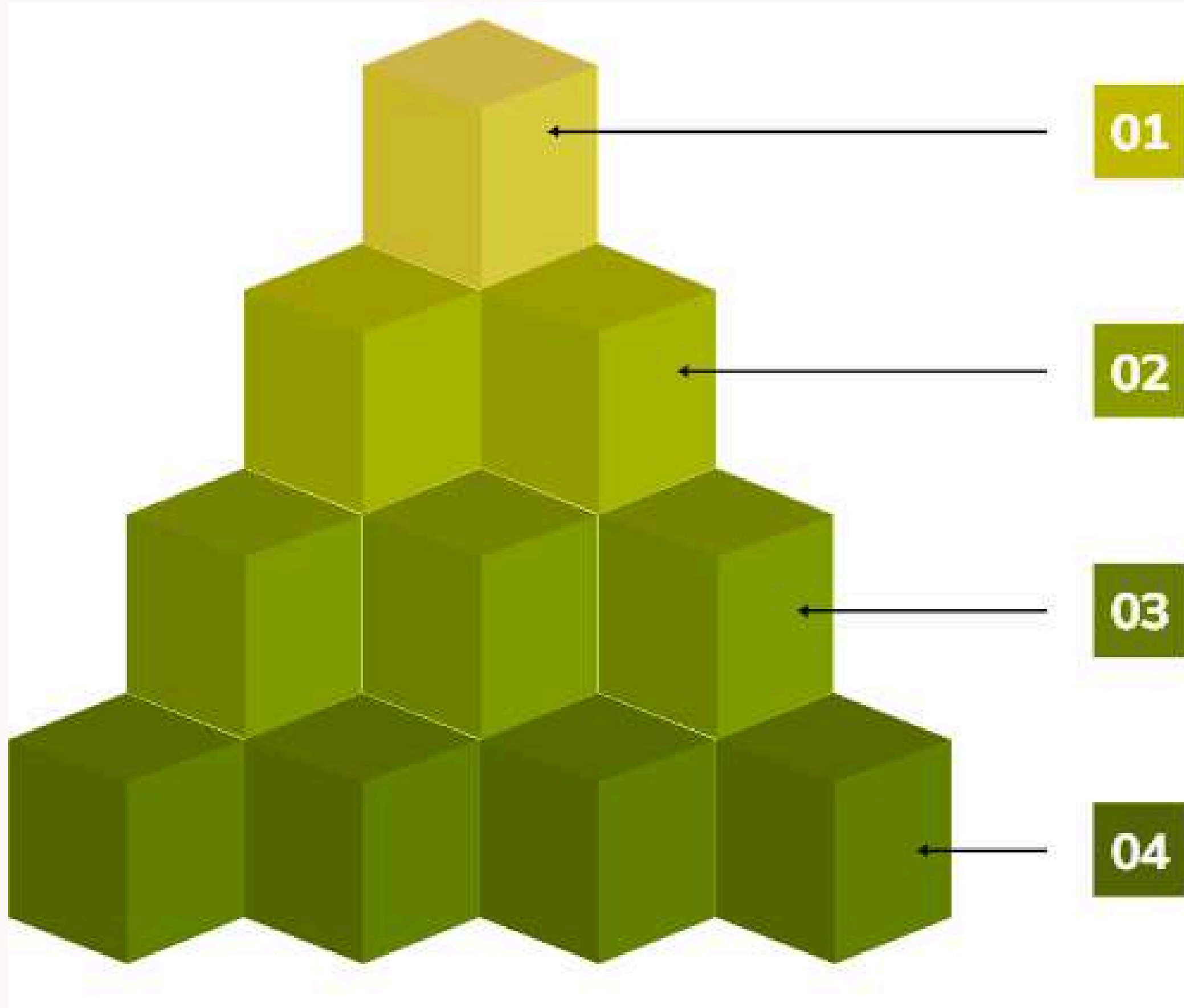
**Increase
ASCE's student
membership**

**Self
development of
the ASCE
members in
technical and
non technical
aspects**

**To promote
sustainability
&
commitment
towards
society**

**Motivation for
future
generation of
Civil Engineers**





01

To increase overall membership

Induction program for freshers
Offline meet-ups

02

Self-development of ASCE members in
technical and non-technical aspects

Alumni talks
Technical talks

03

Commitment towards society

Food drives
orphagange visits

04

Motivation for future civil engineers

Field trips
Discussions

An illustration of a diverse group of seven business professionals in a meeting. They are gathered around a table, looking at documents and a laptop. The scene is set outdoors with trees and a building in the background. The text 'CHAPTER ACTIVITIES' is overlaid in the center.

CHAPTER ACTIVITIES

Technical Deep Drive: Site Visits



Steel structure site visit – 18 September 2025

A technical site visit providing practical exposure to **steel-structure construction, structural connections, and high-density automated vehicle storage systems**, enhancing understanding of site engineering practices.



Site Visit – 32 m Span Concreting Project, Varkala

Students gained practical exposure to large-span concreting operations and on-site safety practices during the technical site visit conducted on 13 September 2025.

Technical Deep Drive: Site Visits

Vizhinjam International Sea Port Visit

Exposure to **breakwater construction, container terminal operations and advanced port management systems** on 11 October 2025.



Site Visit to UltraTech RMC Plant

To understand the working and production process of ready-mix concrete on 4 April 2025.



Technical Deep Drive: Site Visits



The students visited Hindustan Colas Private Limited, Tamil Nadu, India gaining practical exposure to industrial practices and bitumen technology.

Alumni Insights and Career Growth

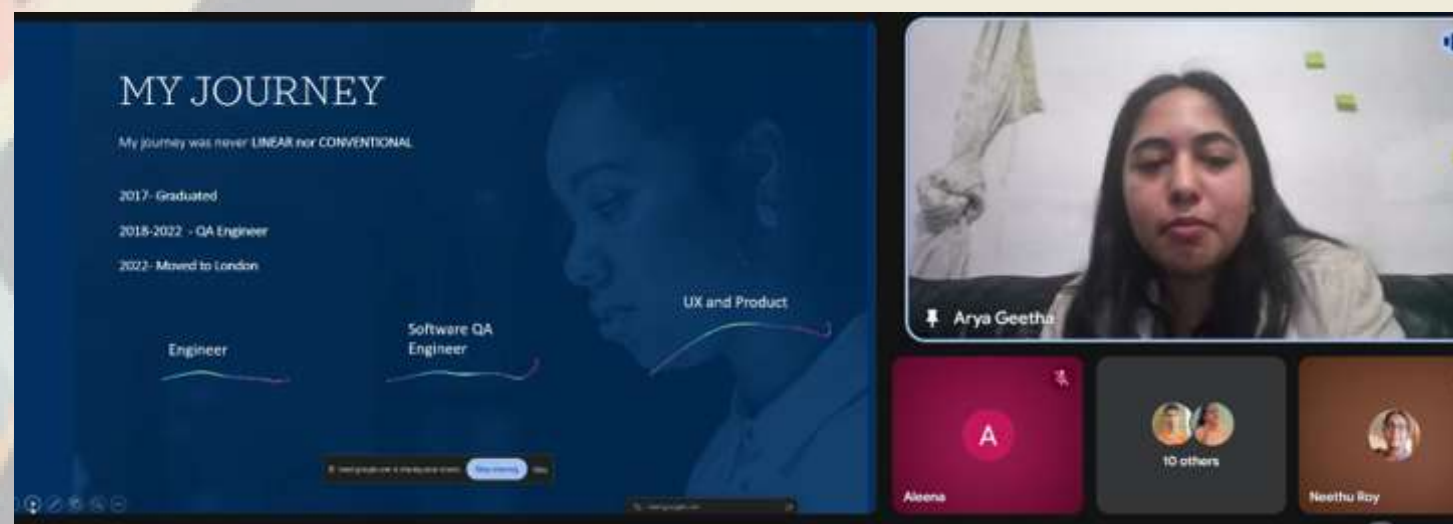
Know Your Alumni Session 1

September 15, 2025: Mr. Swaroop Krishna (2005–2009 batch), Software Development Engineer at Royal Bank of Canada, shared insights on career transition, adaptability, and continuous learning.



Know Your Alumni Session 2

January 12, 2026: Ms. Arya Harikumar (2018 batch), UX Designer at Shapes.UK, London shared insights on career transition through a Google Meet.



Technical Contests and Activities

The last structure standing- 27 February 2025: A hands-on challenge as part of dept technical fest where students built the tallest and most stable structure using limited materials, judged on height, stability, and tremor resistance.

CADD Competition- 10 October 2025: Conducted in teams of two to enhance drafting and design skills using CAD software.

Engineers' Day Spot Talk

An interactive Engineer's Day activity where students spoke on random civil engineering topics, enhancing confidence and communication skills.



Inter Chapter Interaction

- An online interaction session with the Saintgits College of Engineering Student Chapter of ASCE was held on 9 December 2025, where they shared experiences, achievements and insights from national and international ASCE symposiums.
- The session motivated MBCET students by providing practical guidance on active participation, leadership and professional growth through ASCE activities.



The screenshot shows a Zoom meeting slide with a blue background. At the top left is the logo for Mar Baselios College of Engineering and Technology, Autonomous. At the top right is the ASCE Student Chapter logo for Mar Baselios College of Engineering & Technology. The main heading is "A NOTE OF GRATITUDE". Below this is a paragraph of text: "We extend our sincere thanks to the Saintgits College of Engineering Student Chapter of ASCE for graciously sharing your journey with us via the online meeting held on 9th December 2025. Listening to your experiences over the years, your participation and remarkable achievements at the national and international ASCE Symposiums, the challenges you navigated, and the valuable lessons you learned made the evening truly inspiring and deeply motivating for all of us." Below the text is a grid of 24 small video thumbnails from the meeting, showing various participants. At the bottom, there is a yellow banner with the text "OUR HEARTFELT CONGRATULATIONS ON YOUR SUCCESS!" and a white banner below it with the text "With Best Wishes, MBCET Student Chapter of ASCE".

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A NOTE OF GRATITUDE

We extend our sincere thanks to the **Saintgits College of Engineering Student Chapter of ASCE** for graciously sharing your journey with us via the online meeting held on 9th December 2025.

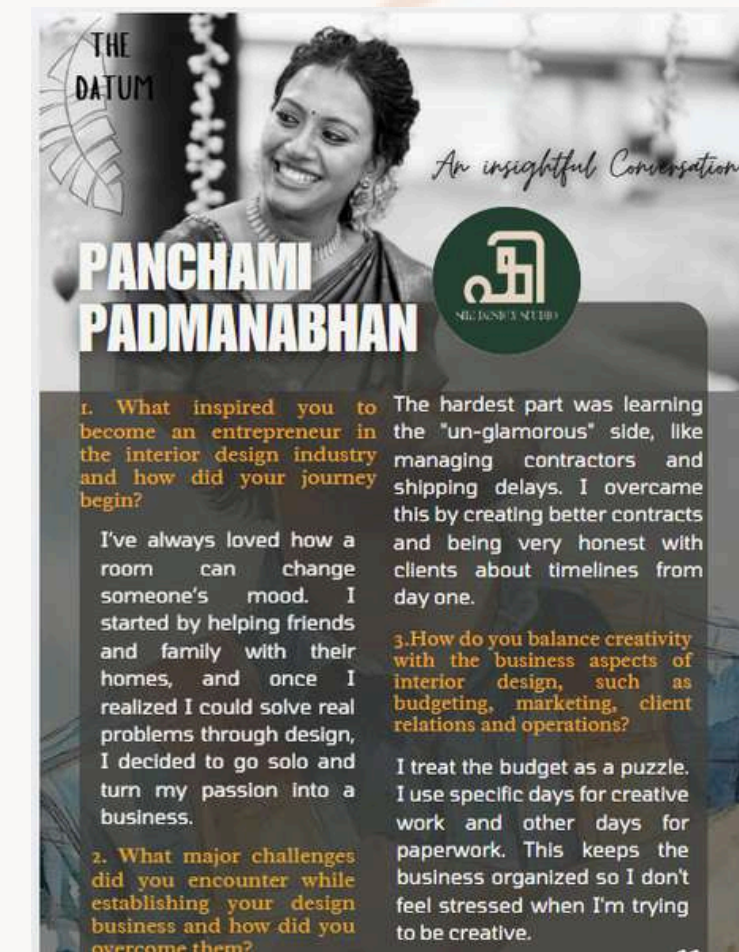
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OUR HEARTFELT CONGRATULATIONS ON YOUR SUCCESS!
With Best Wishes, MBCET Student Chapter of ASCE

Sharing Knowledge and Innovations

Q&A Session

An insightful Q&A session with Panchami Padmanabhan, founder of 'She Designs', inspiring future innovators and entrepreneurs in the field of interior design and construction.



An Interactive Interview Session

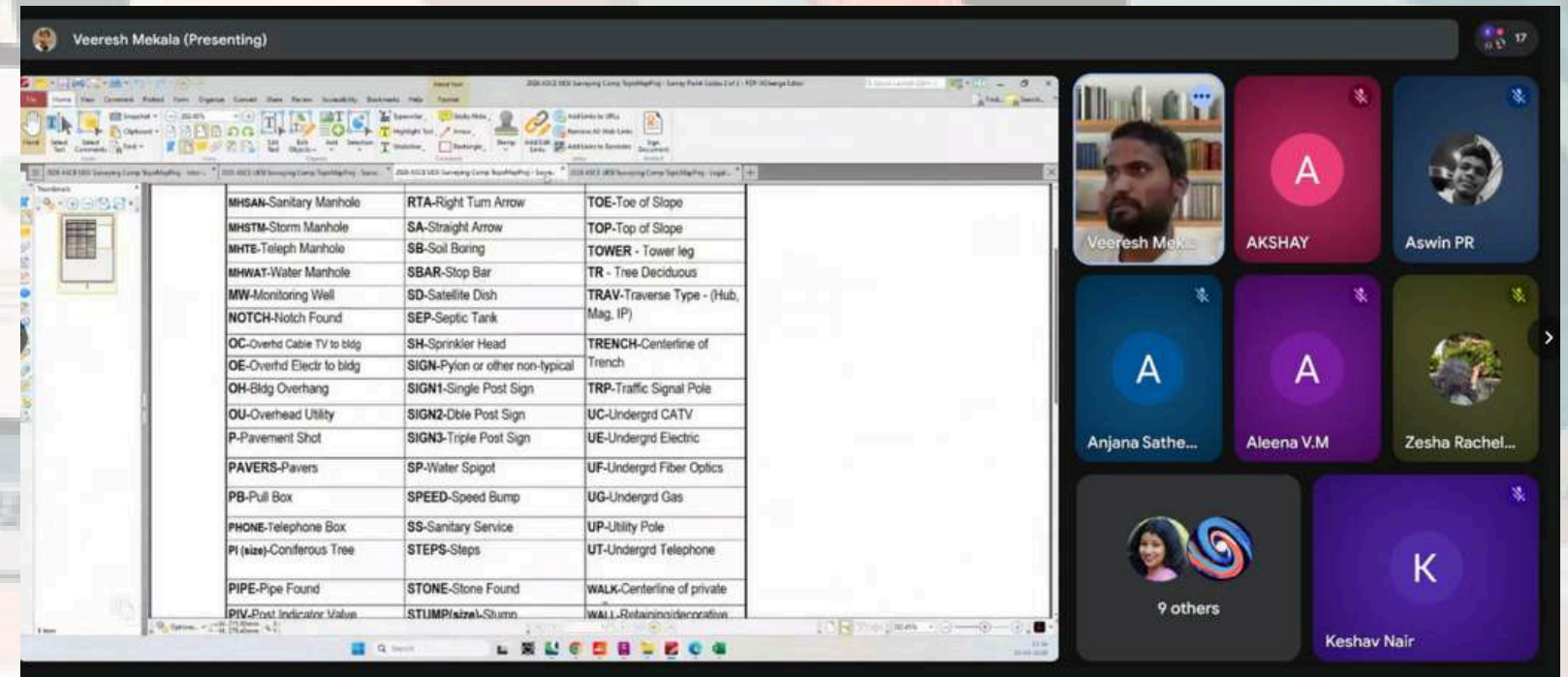
An insightful interview session was held with Mr. Kuncharia Isaac, the first Vice Chancellor of APJ Abdul Kalam Technological University, focusing on leadership, engineering education and the future of technical institutions.



Technical Awareness and Training

Autodesk Civil 3D Session

An online session was conducted on as an introduction to Autodesk Civil 3D.



GIS Workshop Session

An intensive workshop focused on Geographic Information Systems, providing practical skills and insights into spatial data analysis for the students on 24 January 2026.



Skill Enhancement Workshops

Creative Crochet Workshop

on 11 October 2025, this workshop focused on basic crochet techniques, providing a beginner-friendly, stress-relieving artistic experience.



Fabric Painting Workshop

Fevicryl expert Ms. Rekha Anil Kumar taught fabric painting techniques. Participants designed hand-painted tote bags, promoting creativity on 4 October 2025.



Festivals and Celebrations through Activities

Christmas Card Sale

December 19, 2025: ASCE Student Chapter members gathered to make handmade Christmas cards and sold them among the students during the Christmas celebration.



New Year Celebration

January 1, 2026: ASCE Student Chapter members gathered to cut a cake, symbolizing a fresh start.

The event included experience sharing and goal setting of the chapter and the members.



Festivals and Celebrations



Teachers day celebration by distributing chocolates



Republic Day celebration



Ethnic day celebration wearing ethnic dresses



Participating in the college cultural fest Crossroads 25 and the department technical fest UTBHAV 25

Community Outreach



Festive Giving

On 13 September 2025, We Celebrated Onam, the harvest festival of Kerala, by distributing 100 food packets to those in need, spreading joy and goodwill. This promoted compassion, responsibility and unity.



Orphanage Visit

On 10 January 2026, students visited Nirmala Shishu Bhavan Orphanage, home to children below six years, where they interacted through games and donated food items, fostering compassion, social responsibility and community service.

No photographs taken with the children respecting their privacy

Awareness Programme



Menstrual Health Awareness

An awareness program dedicated to promoting menstrual health education and breaking stigmas, LOUD was conducted on 23 January 2026.

Concrete Canoe Project: A Trail Step towards ASCE Symposium

An illustration showing a team of five people, three men and two women, working together in a workshop to build a wooden canoe. They are wearing hard hats and casual work clothes. The canoe's hull is partially formed, and they are using various tools like hammers and planes. The background shows shelves with materials and tools, suggesting a well-equipped workshop.

Objective

Prepare for ASCE Symposium canoe competition by challenging conventional perceptions of concrete through innovative material selection and structural optimization.

Outcome

The completed canoe demonstrated stable flotation and good balance during trial runs, reflecting effective design and material choices.

Project Team: Rahul Rajan, Anwar Muhammed A, Firdous S, Libin D Santhosh, Malavika V S, Govind Suraj, Snehal Sabu, Simjesh S G

Advisors: Dr. Anupama Krishna D, Dr. Neethu Roy, Dr. Archana J Satheesh

Concrete Canoe Project: A Trail Step towards ASCE Symposium



Stage 1: Mold Creation

Full-scale mold using wood and clay for precise hull geometry control.



Stage 2: Reinforcement

Placement of reinforcement and formwork ensuring structural continuity.



Stage 3: Concreting

Lightweight mix carefully placed and compacted for uniform thickness.

Concrete Canoe Project: A Trial Step towards ASCE Symposium



Stage 4: Waterproofing

Flex and SP-R coating applied, followed by controlled curing.



Stage 5: Testing

Stable flotation, good balance, and smooth maneuverability confirmed.



Student Mobility Programme



- **Ms. Nandana N., ASCE Student Chapter President, MBCET**, was selected through an interview for the Student Mobility Programme at **Universiti Teknologi MARA (UiTM), Malaysia** (3–10 July 2025) under the MBCET–UiTM MoU.
- As part of a multidisciplinary team, she presented “SDG 8: Engineering a World That Works for All,” gaining international academic exposure

Glimpses of Student Mobility Programme

- The programme offered hands-on learning through visits to **UTM advanced labs** (robotics, communication, cybersecurity) and the **MRANTI Makers Lab**.
- She also gained civil engineering insights from iconic structures such as the Petronas Twin Towers, the Blue Mosque and various infrastructures.
- The collaboration continued with a reciprocal UiTM student visit to MBCET in November 2025, during which she actively supported and accompanied the team.



Emerging Technologies for Intelligent Systems'25

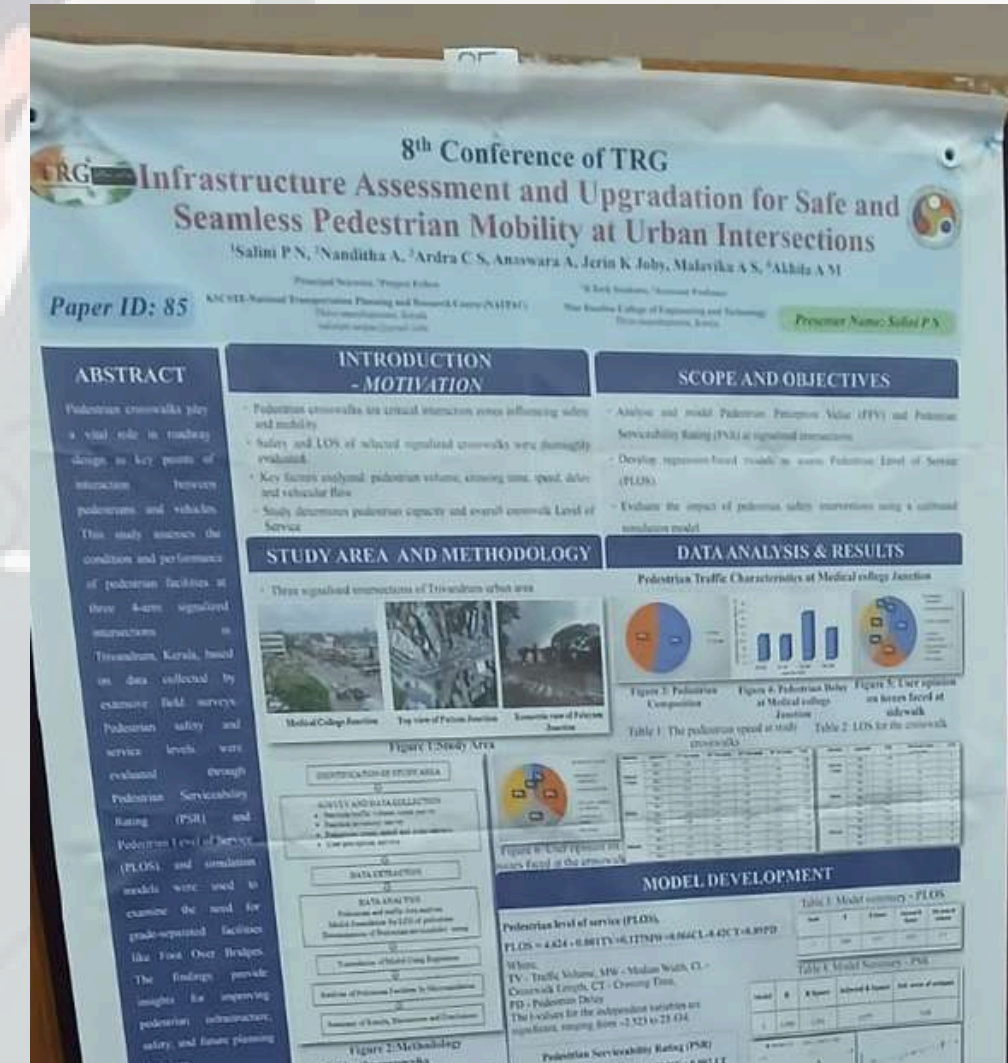


Ms. Savya, a Civil Engineering student, **ASCE member**, and former Chairperson of IEEE, coordinated the **IEEE International Conference on Emerging Technologies for Intelligent Systems (ETIS)** held from February 7–9, 2025. Her role demonstrated strong leadership, organizational skills and active involvement in professional technical bodies.

Conference of the Transportation Research Group of India (CTRG-2025)

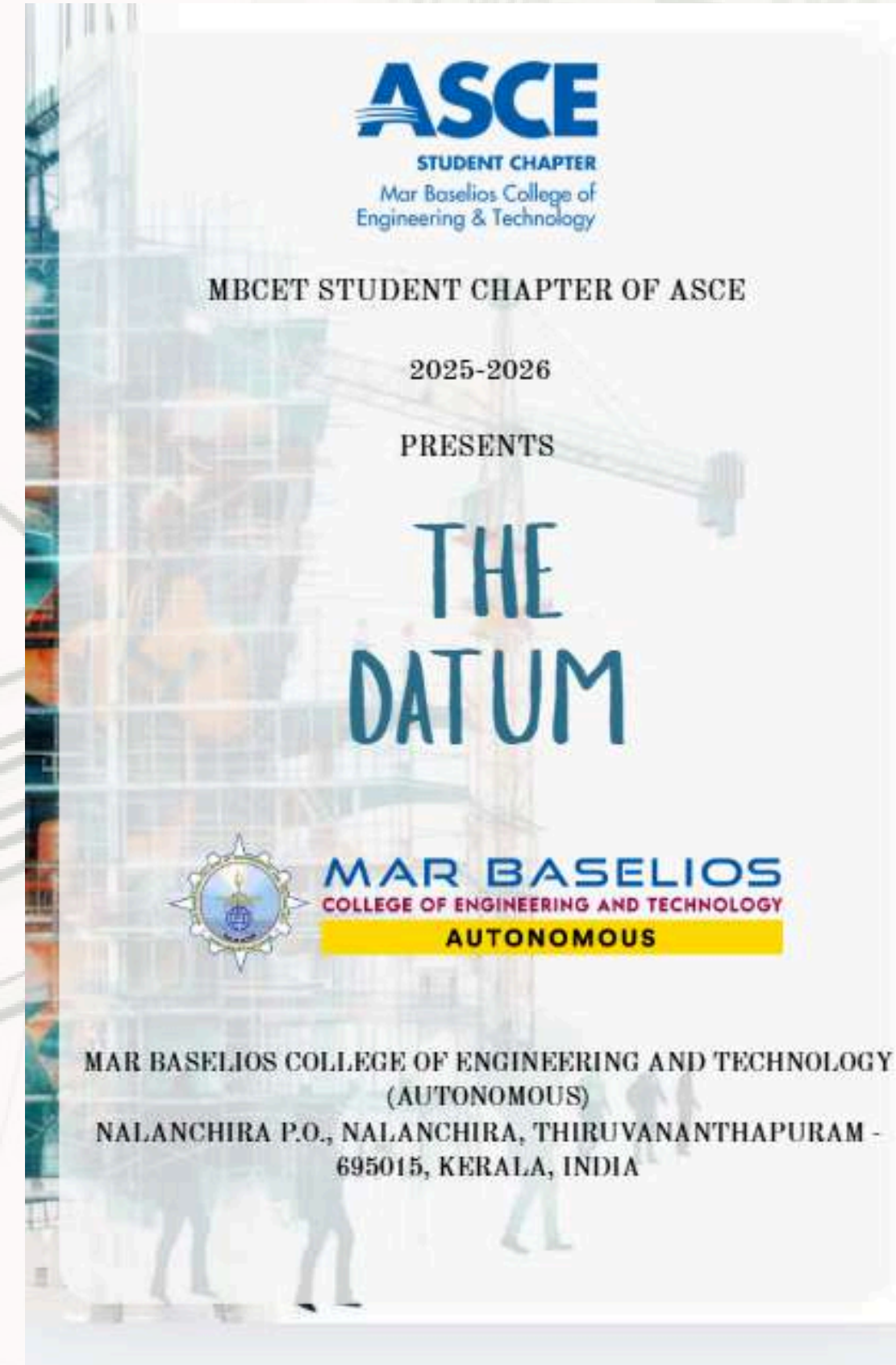


Dr. Neethu Roy, MBCET ASCE Faculty Advisor, attended the CTRG 2025 at IIT Guwahati from 17 to 20th December 2025.



CE students presenting their project on infrastructure assessment and upgradation for safe and seamless pedestrian mobility at urban intersections

The Datum: MBCET ASCE NEWSLETTER





THANK YOU

A year of learning, leadership and service