

MAGAZINE



2024

ASCE CET
STUDENT CHAPTER

TABLE OF CONTENTS

- I About this magazine
 - II Guiding lights
 - III ASCE CET Panel 2023-2024
 - IV Highlights of the year
 - V Orientation program
 - VI Workshops
 - VII Innovate tech ; pioneering future tech
 - VIII 3days AutoCAD workshop
 - IX QS Workshop
 - X IEDC Summit 2023 Basics of AutoCAD
and Revit
-

TABLE OF CONTENTS

XI Dhrishti collabs

XII Primavera

XIII AutoCAD workshop

XIV City planning competition

XV Pantheon 9.0 Autoclash 2.0

XVI Ideate: Idea pitching competition

XVIII Ideate finals

XVII Secure the insecure

XIX Victories

XX Note of gratitude

Guiding lights

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Principle
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A B O U T T H I S M A G A Z I N E

The ASCE CET Student Chapter is a dynamic and active organization within the College of Engineering, Trivandrum, dedicated to fostering a strong foundation in civil engineering among its members. As an official student chapter of the American Society of Civil Engineers (ASCE), our chapter aims to bridge the gap between academic knowledge and professional practice, providing students with invaluable opportunities for learning, networking, and personal growth. Throughout the academic year, the ASCE CET Student Chapter organizes a wide array of activities, including technical workshops, seminars, competitions, and site visits. These events are designed to enhance students' practical skills, expose them to industry trends, and provide them with real-world experience.

The past academic year 2023-24 has been a transformative period for ASCE CET Student Chapter marked by growth, technical excellence and fostering collaborative environment. The collective efforts of panel and subpanel members under the guidance of the staff coordinator Dr. Anusha S P, the club operates smoothly and organized a myriad of events.

ASCE CET PANEL 2023-24

MAIN PANEL

PRESIDENT ; ABHIRAM S

VICE PRESIDENT ; ASCHARYA

TREASURERS ; ANUGRAHA

; AKASH KIRAN

PROGRAMME COORDINATORS ; DIYA JOY

; CHANDU

RECORDING SECRETARIES ; MINHA

; LEKSHMI

CORRESPONDING SECRETARIES ; HARITHA

; JOE

DESIGN AND MEDIA HEADS ; ARJUN

; NIDHIN

PUBLIC RELATIONS HEAD ; ABHINAV A L

; KANJANA S

SUB PANEL

CORRESPONDING SUB COMMITTEE; ARYA S JAYASREE

; APARNA A

; NOEL SHAJI

; SREENAND RAMESH

; NANDANA A

; PARVATHY V J

; MUHAMMED

; THOUFEEK

; MUHAMMED SHIFAN

DESIGN AND MEDIA SUB COMMITTEE ; SWETHA

; ATHIRA J

; RIYAS

; NIRUPAM SHIBU

; GAURY SANTHOSH
; GEETHIKA P
; MEEENAKSHI
; EBA ELIN
; ANAN NOUSHADALI
TREASURER SUB COMMITTEE ; DEVI KRISHNA
; AKASH JOSEPH
; HARIPRASD
; ABHIJA
; PARVATHY A S

RECORDING SUB COMMITTEE ; CRIPA
; NAJA
; SREERAM
; THEERTHA
; ARSHAK
; CHANCHU
; ASHTAMI

PUBLIC RELATIONS SUB COMMITTEE ; ABHISHEK
; ADITHYA V S
; FATHIMA
; KARTHIKA
; NANDANA
; NAVEEN
; PAULINE
; VAISHNAVI

EXECUTIVE SUB COMMITTEE ; INDUJA
; ADITYA
; NOEL
; KARTHIKA
; GOWRY
; ANGEL
; BASIL

; ANAGHA
; THEERDHA
; AKASH K
; BHAGYA GOVIND
PROGRAMME COORDINATION SUBCOMMITTEE ; AJAY B R
; ANIT ANTONY
; AGRIMA V
; REVATHY VINOD
; ARJUN V K
; ARYA PRADEEP
; NIMISHA S
; DILIYA
; ANGEL MARIYAM VARGHESE
; ANENYA AJITH
; NANDANA M
; FEMIN KURIAN
; ANJANA I V
; SETHULAKSHMI
; ATHIRA S NAIR

HIGHLIGHTS OF THE YEAR

Orientation program for first year students

Workshops

3-day AutoCAD workshop

Quantity surveying workshop

Competitions

Ideate – prelims & finals

Secure the Insecure

Collaborative events

AutoCAD & Revit workshop

Primavera workshop

Autoclash 2.0

City planning competition

1.ORIENTATION PROGRAM

The activities of ASCE CET Student Chapter 2023-2024 commenced with the main panel selection and then proceeded on to the first-year orientation on 12th of April 2023. We began the year with an inaugural ceremony, a significant event that marked the official restart of the ASCE Club. The ceremony was graced by the presence of the staff coordinator Dr. Anusha S and around 80 students, setting the tone for an ambitious and productive year ahead.

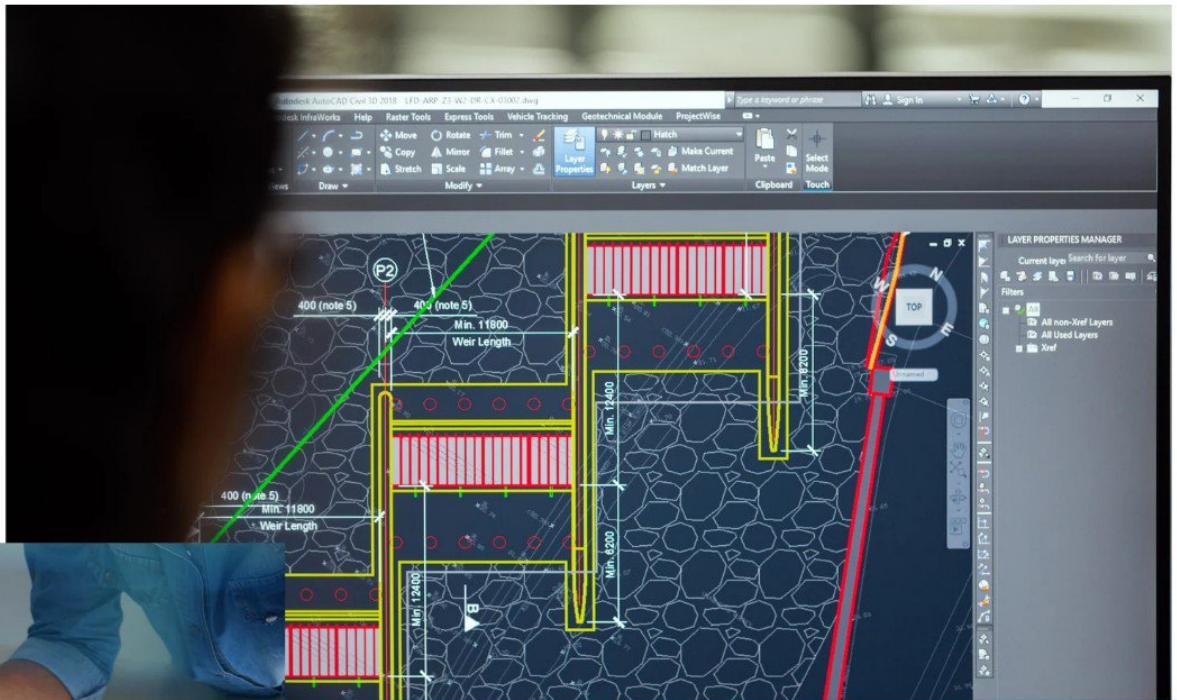
In our commitment to nurturing the next generation of civil engineers, we hosted an orientation program for first-year students. The orientation started with a welcome speech from Abhiram S, the President of ASCE CET chapter. He welcomed the students and highlighted the importance of ASCE in the civil engineering field. Following that, Dr. Anusha, advisor of ASCE CET addressed the students and introduced ASCE, highlighting its various benefits and needs. She emphasized the role of ASCE in providing networking opportunities, continuing education, and professional development for civil engineers. Diya Ann Joy (Program Head) shared last year's ASCE CET Report, highlighting the achievements and activities of the organization. She talked about the various events, workshops, and seminars organized by ASCE CET and the impact they had on the civil engineering community she also encouraged the students to participate in the upcoming events and take advantage of the opportunities provided by the organization Ascharya (Vice President) then detailed the registration procedure for students interested in becoming members of ASCE CET like the membership benefits, fees, and the process of joining the organization. She also clarified the doubts that students had regarding the registration process. The event was well attended and informative, and it provided a great platform for students to learn more about ASCE and its role in the civil engineering field.

Workshops

Civil engineering workshops are essential for providing hands-on experience and practical knowledge that complement theoretical learning. They offer students and professionals the opportunity to apply engineering concepts in real-world scenarios, enhancing their understanding of materials, construction techniques, and structural analysis. Workshops often emphasize collaboration and problem-solving, fostering critical thinking and teamwork skills that are crucial in the field. Additionally, they expose participants to the latest technologies and innovations, keeping them up-to-date with industry standards and practices. By bridging the gap between theory and practice, civil engineering workshops prepare individuals to effectively tackle the challenges of designing and constructing infrastructure that meets safety, sustainability, and efficiency criteria.

AUTOCAD

APRIL
2023



InnovateTech: Pioneering Future Technologies

AutoCAD is a versatile and essential software tool for civil engineers, offering a wide range of applications that enhance project design, planning, and execution. This powerful computer-aided design (CAD) software allows civil engineers to create precise 2D and 3D drawings and models that are crucial in the planning stages of civil infrastructure projects such as roads, bridges, and buildings. AutoCAD's features enable engineers to visualize complex structures, simulate real-world scenarios, and analyze potential challenges before construction begins.

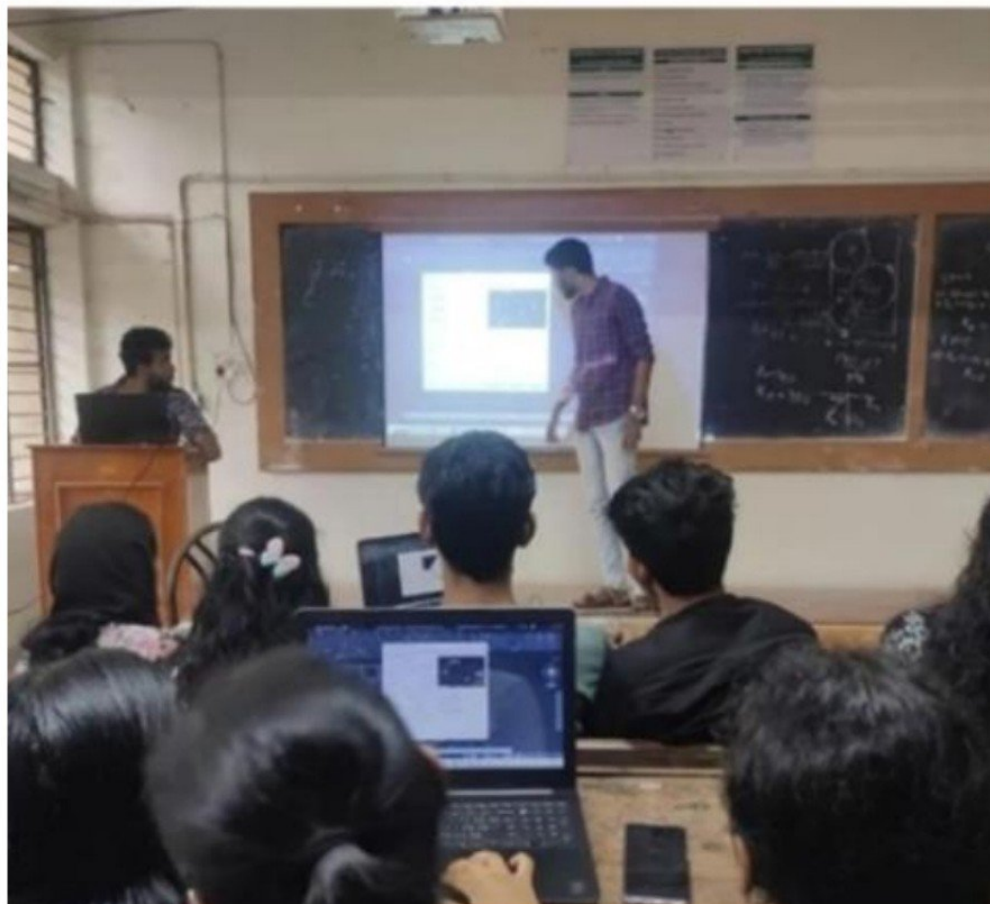
The software's ability to integrate with geographic information systems (GIS) and other engineering software enhances its utility, making it a cornerstone in the civil engineering industry for creating accurate and efficient designs. Furthermore, AutoCAD's user-friendly interface and extensive library of templates and tools streamline the design process, helping engineers save time and reduce errors, which is critical in meeting project deadlines and budgets.

3 DAYS AUTOCAD WORKSHOP

3-DAY AUTOCAD WORKSHOP

To learn about the ins and outs of one of the most powerful design software used in Civil Engineering, a 3-days AutoCAD workshop was conducted. The workshop was attended by over 60 students, marking it as fruitful. It was held on 26th, 27th and 28th of April 2023, for an hour every day from 4:30 to 5:30 pm.

Each session was structured to be highly interactive, with participants working on real-world design projects. At the conclusion of the workshop, participants received certificates recognizing their newly acquired skills.





WORKSHOP ON QUANTITY SURVEYING

JUBAIR KV
SENIOR QS AT CBG, QATAR

3 NOVEMBER, 2023

Time: 4 - 5:45pm

At Seminar Hall 1

Department of Civil Engineering



ENTRI



To demystify the role of quantity surveyors
workshop on Quantity
Surveying was conducted on 3rd November 2023
The workshop was led by
Jubair K V, Senior QS at CBG, Qatar. The students
had shown active participation
in the event and made it a great success.



BASICS OF AUTOCAD 2D & 3D AND REVIT WORKSHOP

Unlocking design excellence

3rd
OCTOBER 2023
2.30PM - 4.00PM



A CHANDU KRISHNA



ABHIRAM S
PRESIDENT, ASCE

MODE : ONLINE

REGISTER NOW AT
iedcsummit.in

AUTODESK CERTIFIED PROFESSIONALS

ASCE
STUDENT CHAPTER
College of Engineering
Vellore

IN ASSOCIATION WITH
ASCE STUDENT CHAPTER CET



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE



Abhiram S : 9778065130

Ananthakrishnan J : 80898988044

4. IEDC SUMMIT 2023-BASICS OF AUTOCAD AND REVIT

In association with IEDC Summit 2023, ASCE conducted an online mode workshop on the basics of AutoCAD and Revit to unlock the design excellence. The workshop, titled "Basics of AutoCAD 2D and 3D and Revit," aimed to foster design excellence among young minds. This online event took place on October 3, 2023. Abhiram S, the President of ASCE CET, and A Chandu Krishna, both certified Autodesk professionals, led the workshop. A total of 262 students participated via google meet, joining from the comfort of their own spaces with the necessary software at their disposal.

COLLAB WITH DRISHTI

DRISHTI 24

ASCE OFFERED A THOUGHTFULLY SELECTED ARRAY OF EVENTS UNDER THE BANNER OF DRISHTI 24. OUT OF WHICH THE STANDOUTS WERE THE PRIMAVERA MASTERY WORKSHOP, AUTOCAD WORKSHOP AND THE CITY PLANNING COMPETITION.

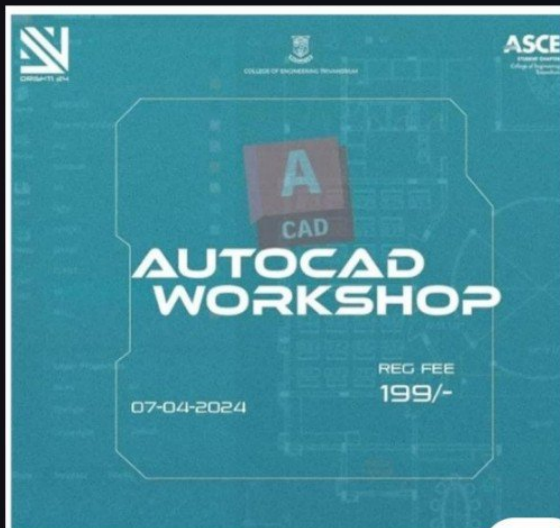
5. PRIMAVERA WORKSHOP

DRISHTI 24 IN ASSOCIATION WITH THE ASCE CET STUDENT CHAPTER PRESENTED THE PRIMAVERA MASTERY WORKSHOP -THE INDUSTRY LEADING PREMIER PROJECT MANAGEMENT SOFTWARE TO SUPERCHARGE THE PROJECTS AND PLUNGE HEADFIRST INTO PROJECT SUCCESS. THE PARTICIPANTS MASTERED THE CORE PRINCIPLES OF PRIMAVERA AND HAVE A HANDS-ON TRAINING WITH EXPERIENCED INSTRUCTORS. CERTIFICATE OF PARTICIPATION AND ACTIVITY POINTS WERE ALSO PROVIDED.



Autocad workshop

In collaboration with Dhrishti 2024



AUTOCAD WORKSHOP

Besides, an AutoCAD workshop was also conducted by ASCE CET student chapter in association with DRISHTI 24. From creating precise 2D drawings to immersive 3D models, the workshop supercharged the design skills of the participants. The session was guided by the seasoned peers, the proficient seniors of civil department. The workshop unlocked the students' full potential of these industry-standard tools.

4-2024

FEE
TEAM

CITY PLANNING COMPETITION

CITY PLANNING COMPETITION

The City Planning Competition was also conducted on DRISHTI 24 to reimagine and to rejuvenate and revamp the city landscapes. From transforming cities to transforming lives, the designs of the participants had the power to make a difference. The competition was held from morning to evening. The participants were given a layout of the area. From their vantage point they made sufficient modifications to the existing landscape and proposed sustainable solutions.

PANTHEON



PANTHEON 9.0- AUTOCALSH 2.0

AUTOCALSH 2.0, IN ASSOCIATION WITH ASCE CET STUDENT CHAPTER WAS HELD ON 24TH NOVEMBER AS A PART OF PANTHEON 9.0. A TOTAL OF 7 TEAMS TOOK PART IN THE EVENT.

THE COMPETITION WAS CONDUCTED IN CET IN TWO SESSIONS; MORNING SESSION FROM 10 AM TO 1 PM AND THE AFTERNOON SESSION FROM 2 TO 5 PM. DIFFERENT TOPICS AND LOCATIONS ON THE CAMPUS WERE PROVIDED FOR THE PARTICIPANTS AND EACH GROUP SELECTED A LOCATION BY THEIR OWN. DURING THE STIPULATED TIME IN MORNING, THE TEAM SELECTED THEIR THEME AND LOCATION, AND VISITED SITES AND WERE DONE WITH SURVEYING.

AFTERNOON SESSION WAS PROVIDED TO SKETCH THEIR CONCEPT AND IDEAS ON AUTOCAD SOFTWARE. THEY PRESENTED THEIR FILES BEFORE THE JUDGES AT THE END.

PLANNING



FIRST PLACE WINNERS



SECOND PLACE WINNERS

COMPETITIONS

9. IDEATE- IDEA PITCHING COMPETITION

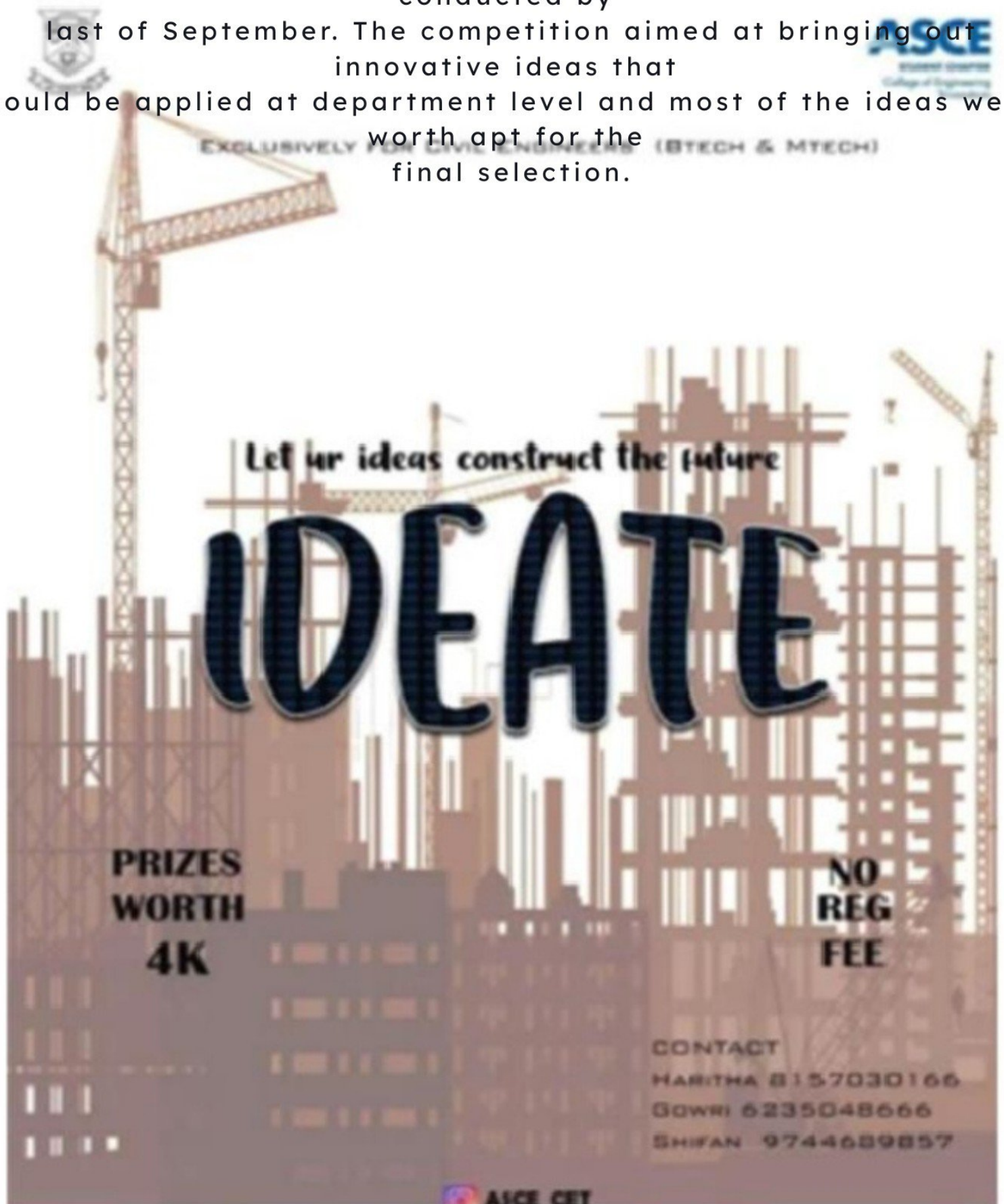
ASCE CET chapter conducted the prelims of an idea pitching competition -

IDEATE, exclusively for civil engineering students. Over 15 teams participated

and 4 of them are selected to the finals which was declared to be conducted by

last of September. The competition aimed at bringing out innovative ideas that

could be applied at department level and most of the ideas were worth apt for the final selection.

A promotional poster for the IDEATE competition. The background features a stylized illustration of a city skyline with several construction cranes. The word "IDEATE" is prominently displayed in the center in large, bold, blue letters with a white outline. Above it, the tagline "Let ur ideas construct the future" is written in a smaller, black, sans-serif font. In the top left corner, there is a small crest logo. In the top right corner, the ASCE logo is visible, with the text "ASCE" in blue and "American Society of Civil Engineers" in smaller text below it. Below the ASCE logo, the text "EXCLUSIVELY FOR CIVIL ENGINEERS (BTECH & MTECH)" is written in a small, black, sans-serif font. In the bottom left corner, the text "PRIZES WORTH 4K" is written in a bold, black, sans-serif font. In the bottom right corner, the text "NO REG FEE" is written in a bold, black, sans-serif font. At the very bottom, the text "CONTACT" is written in a bold, black, sans-serif font, followed by three lines of contact information: "HARITHA 8157030166", "GOWRI 6235048666", and "SHIFAN 9744689857". At the bottom center, there is a small logo for "ASCE CET".

Let ur ideas construct the future

IDEATE

EXCLUSIVELY FOR CIVIL ENGINEERS (BTECH & MTECH)

PRIZES WORTH 4K

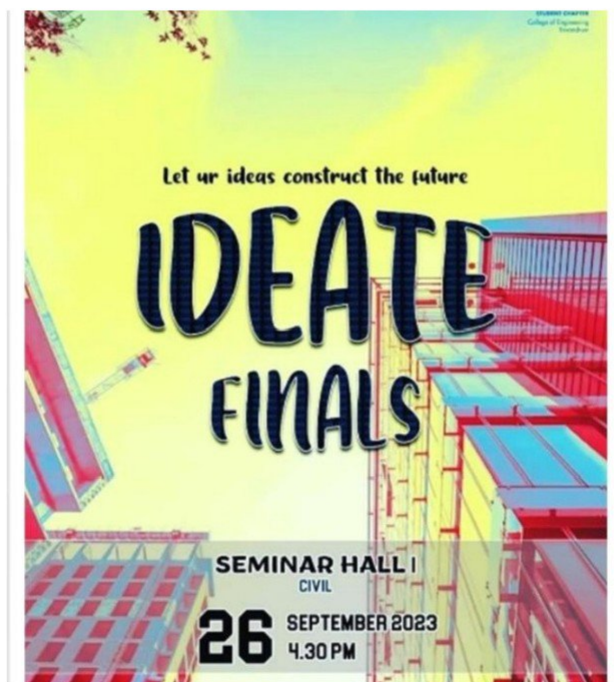
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ASCE CET

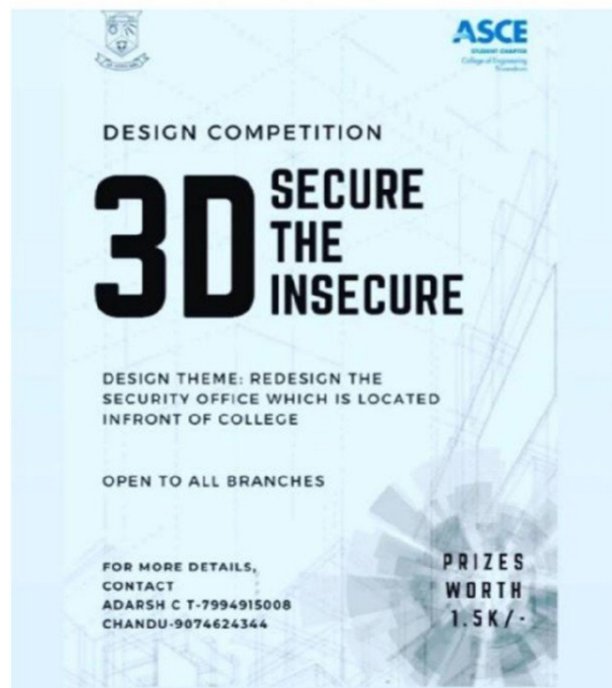
IDEATE FINALS

The final round of idea pitching was conducted on September 26, 2023, at the seminar hall. Abhiram ASCE president heartily welcomed everyone to the competition. This competition was judged by Biju sir, Arun sir and Anusha miss experienced top faculties in the civil department CET. Three groups were shortlisted for the final round conducted earlier on the topic of renovating the surrounding of civil department. Through IDEATE, the idea pitching competition the teams from their vantage points and perspectives, tried to design and transform the civil department structures. Shortlisted candidates underwent mentorship sessions to refine their pitches, business models, and presentation skills. Three shortlisted groups presented their ideas effectively and the S5 students bagged the entire prize money. Winners and runners up were awarded for their work.



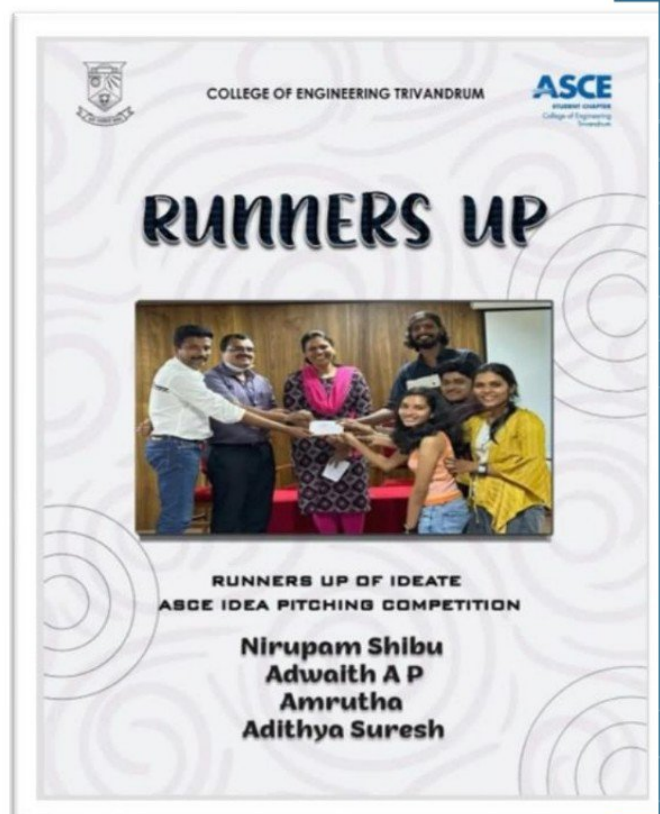
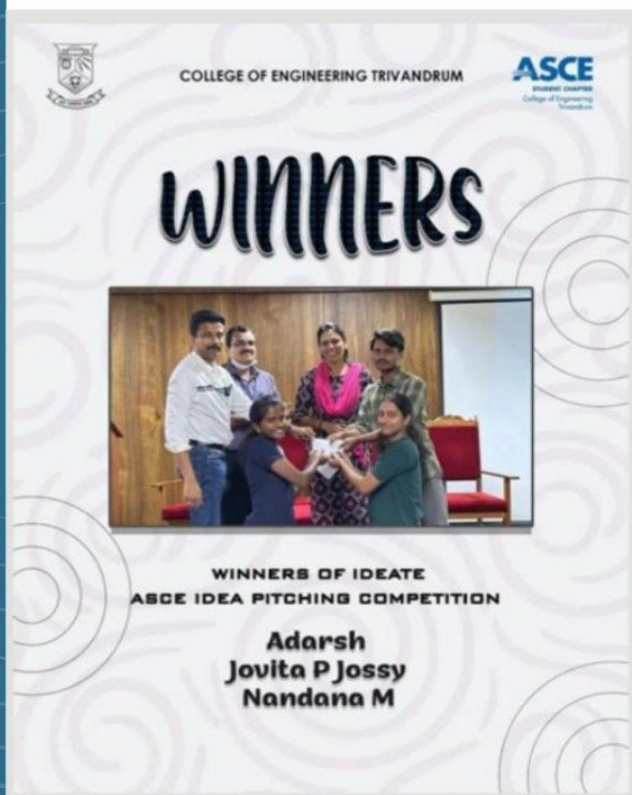
10. SECURE THE INSECURE

A design competition- Secure the Insecure, was organised to redesign the security office located in front of the college. The event was highly appreciable as it involves an inter departmental participation too. Students from architecture department won the first place.



Design competitions play a crucial role in the education of civil engineering students, offering them a unique platform to apply theoretical knowledge to real-world challenges. These competitions not only enhance technical skills but also foster creativity, problem-solving capabilities, and teamwork. By engaging in such events, students gain hands-on experience in designing innovative solutions, which is essential for their future careers in civil engineering. Moreover, competitions often simulate professional scenarios, encouraging participants to think critically and adapt to constraints such as budget, materials, and environmental impact. This practical exposure prepares students for industry demands.

Victories





FIRST PLACE WINNERS



SECOND PLACE WINNERS

Thankyou

Looking ahead, the ASCE C&ET Student Chapter aims to expand its reach and impact. We plan to introduce more specialized workshops, increase our

involvement in research projects, and strengthen our ties with industry professionals. By continuing to provide valuable resources and opportunities to our members, we are committed to shaping the future leaders of civil engineering.

The ASCE C&ET Student Chapter stands as a pillar of support and inspiration for civil engineering students at C&ET. Through our activities and initiatives, we strive

to empower our members to become skilled, responsible, and innovative engineers who will contribute to the advancement of the civil engineering profession and the well-being of society. With the selection of new panel, all the

club members together are committed to pushing the boundaries of what we can achieve together.