

**Mailer 2**



**VIT<sup>®</sup>**

**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)



# **ASCE INDIA STUDENT CONFERENCE 2021**

**VIT Vellore, Tamil Nadu, INDIA**

**ASCE**

**STUDENT CHAPTER**

Vellore Institute of Technology

**ASCE-VIT STUDENT CHAPTER**

# INTRODUCTION

## Greetings!

This is the Mailer II of the ASCE India Student Conference 2021. It is requested that the Chapter Chairpersons and their participants go through this Mailer, as it is enclosed with important information such as the event's:

- Registration Fees
- Schedule
- Competition Rules
- Judging Criteria
- Event Updates

For queries, reach out to us in the following e-mail id: [asce@vit.ac.in](mailto:asce@vit.ac.in)

Queries shall be answered as soon as possible, and we request your patience.

Additional details about the Conference will be soon available on our website.

Our website will also serve as a way to individual registration for the conference and its events.



# REGISTRATION FEE

SNO	ASCE EVENTS	FEE(Rs)
1.	ASCE Concrete Canoe Competition	700
2.	ASCE Sustainable Solution Competition	100
3.	ASCE UESI Surveying Competition	100

SNO	EVENTS	FEE(Rs)
1.	ACE THE SPACE	100
2.	UNBREAKABLE QUIZ	100
3.	CAD-A-THON	100
4.	PAPER PRESENTATION	300

# SCHEDULE

## DAY-1

S.NO.	EVENT NAME	EVENT TIMING
1.	INAUGURATION	09:00 am to 11:00 am
2.	CAPTAINS MEET	11:15 am to 12:15 pm
3.	LUNCH BREAK	12:30 pm to 01:30 pm
4.	SPECIAL TALKS	01:30 pm to 02:00 pm
5.	BUSINESS MEET	02:00 pm to 03:00 pm
6.	ASCE SUSTAINABLE SOLUTION COMPETITION	02:00pm to 07:00pm
7.	UNBREAKABLE QUIZ	03:00 pm to 06:00pm

## DAY-2

S.NO.	EVENT NAME	EVENT TIMING
1.	CANOE TECHNICAL PROPOSAL DAY	09:00am to 10:30am
2.	CADATHON	11:00am to 12:30pm
3.	LUNCH BREAK	12:30pm to 01:30pm
4.	SPECIAL TALKS	1:30pm to 2:00pm
5.	CANOE ORAL REPRESENTATION	2:00pm to 3:30pm
6.	PAPER PRESENTATION	4:00pm to 7:00pm

## DAY-3

S.NO	EVENT NAME	EVENT TIMING
1.	ASCE SURVEYING COMPETITION	09:00am to 3:00pm
2.	LUNCH BREAK	12:30pm to 1:30pm
3.	ACE THE SPACE	3:30pm to 6:00pm
4.	VALEDICTION	6:00pm to 7:30pm



# ASCE COMPETITIONS RULES

## ASCE Concrete Canoe Competition

<https://www.asce.org/concrete-canoe-rules-regulations/>

## ASCE Sustainable Solution Competition

[https://www.asce.org/uploadedFiles/Membership\\_and\\_Communities/Student\\_Chapters/Content\\_Pieces/2021-ASCE-Sustainable-Solutions-Competition-Rules.pdf](https://www.asce.org/uploadedFiles/Membership_and_Communities/Student_Chapters/Content_Pieces/2021-ASCE-Sustainable-Solutions-Competition-Rules.pdf)

## ASCE UESI Surveying Competition

[https://www.asce.org/uploadedFiles/Membership\\_and\\_Communities/Student\\_Chapters/Content\\_Pieces/2021-ASCE-UESI-Surveying-Competition-Rules.pdf](https://www.asce.org/uploadedFiles/Membership_and_Communities/Student_Chapters/Content_Pieces/2021-ASCE-UESI-Surveying-Competition-Rules.pdf)

The colleges without an ASCE chapter will indeed be able to participate as guests. That is, they will be able to take part in the competitions, but would not be eligible for any prizes. Furthermore, these teams wouldn't be able to attend the Canoe competition finale at the University of Wisconsin, Platteville.

# JUDGING CRITERIA

## ASCE CONCRETE CANOE COMPETITION

Entries will be judged on the following criteria:

- o Adherence to the theme
- o Compelling nature of the story
- o Creativity of the presentation
- o Quality of the presentation

## ASCE SUSTAINABLE SOLUTIONS COMPETITION

The competition is divided into three major components and scoring of each are:

Sustainability	(40%)
Design Proposal	(35%)
Interview	(25%)

## ASCE UESI SURVEYING COMPETITION

**Judging:** Task 1 will be scored out of 150 total possible points and task 2 will be scored out of 50 total possible points; therefore, each team will have the opportunity to achieve a possible total of 200 points. The decision of the judges is final. The top three teams with the highest overall score will be recognized.

## **ACE THE SPACE**

Design  
Innovation  
Completeness  
Adherence of the application to the theme

## **UNBREAKABLE QUIZ**

Teamwork  
Knowledge

## **CADATHON**

Design  
Innovation  
Completeness  
Adherence of the application to the theme

## **PAPER PRESENTATION**

1	Innovation or idea implementation	25%
2	Technical content and format of the submitted report	25%
3	Presentation	30%
4	Viva voce	20%
	TOTAL	100%

### **NOTE:**

- ABSTRACT SUBMISSION DATE: JAN 23
- REPORT SUBMISSION WILL BE INTIMATED SHORTLY



# UPDATES IN EVENTS

## UNBREAKABLE QUIZ

### **ROUND-1 :**

A quiz by form having 15 questions within a certain amount of time.

### **ROUND-2 :**

3 Teams getting maximum score will have an on spot quiz.

**PRIZE MONEY 3000 Rs**

## **ACE THE SPACE**

### **Objective:**

The task is to design a “Micro Home” with an area not more than  $25 \text{ m}^2$  that can accommodate a couple.

### **Prerequisites:**

A basic idea on the PERT method of project management in designing Compact/Micro Homes.

### **Participants:**

Individual participation or teams of up to 3 participants from the same or different college(s) are allowed.

### **Description:**

- Participants are tasked to come up with a ‘Space Efficient’, ‘Creative’ and ‘Modernized’ design of a “Micro Home” for an area of  $25 \text{ m}^2$  that can accommodate a couple.
- The design must be planned and scheduled as per the PERT method and is to be submitted along with a detailed rate estimate.
- The scale of the design can be as per participants’ interest.
- The design will be evaluated based on uniqueness, efficiency and under the economic point of view.
- **The participants have to present their plan as per the schedule**

## **PLATFORM MS TEAMS**

# SPEAKERS/JUDGES

- **Professor Ir. Dr. Choong Kok Keong**

Professor of Structural Engineering

Deputy Dean (Research, Innovation and Industry - Community Engagement)

<https://civil.eng.usm.my/index.php/en/about-us/academic-staff/85-assc-prof-dr-choong-kok-keong-3>

- **Dr. R Senthilkumar**

Assistant Professor

Civil Engineering Department

NIT Trichy

[https://www.nitt.edu/home/academics/departments/civil/faculty/assistant\\_profs/senthilr/](https://www.nitt.edu/home/academics/departments/civil/faculty/assistant_profs/senthilr/)



# CONTACT DETAILS

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