



Capomaestro 2022 | SIT Pune

A detailed report_Capomaestro2022

Annual Tech Fest

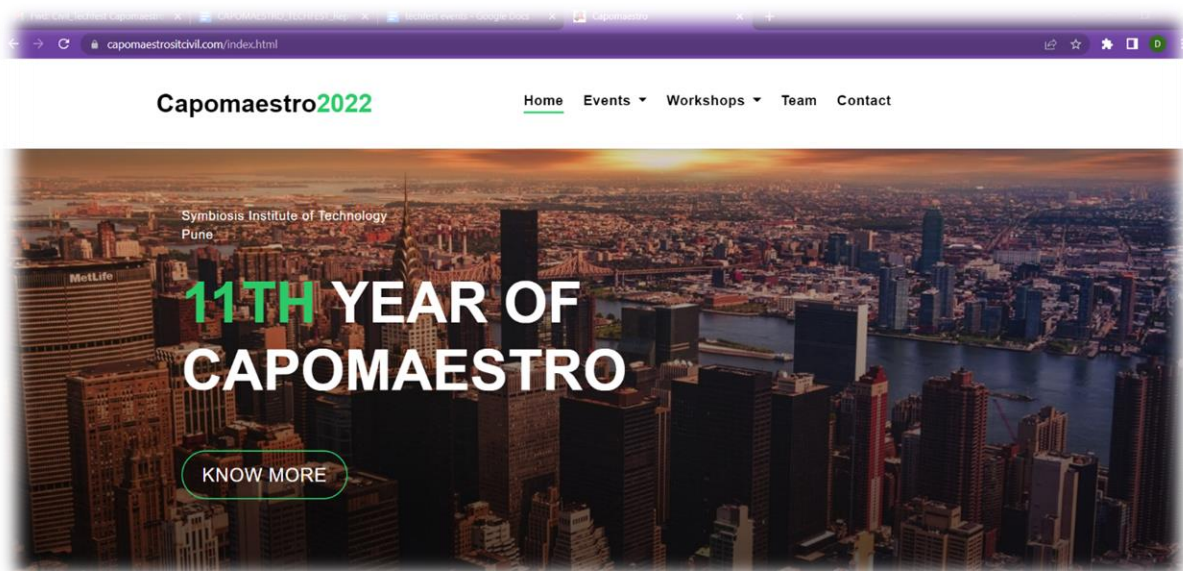
**Civil Engineering Department, SIT,
Pune**

CAPOMAESTRO REPORT

CAPOMAESTRO is the annual technical festival of the Civil Engineering Department, Symbiosis Institute of Technology, Pune. To promote students to innovate, establish and perceive interesting events and competitions. We have been organizing many amazing competitions like Constructo, Dimensions, and many more, and this year too we have maintained our level. We have raised the bar by holding a bunch of interesting competitions like Mix Design, Poster presentation, etc. Not just this, we are organizing various webinars on interesting subjects and software like Revit. This is the first time that a core branch like Civil which is all about hands-on practicing, has come up with events on both the offline and online platforms. Finally attending the CAPOMAESTRO night, the official ending of the TECHFEST.

Techfest Promotional Activities and Response:

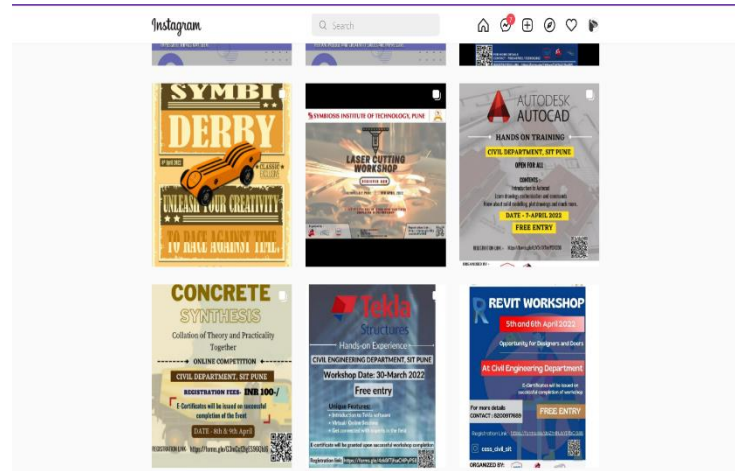
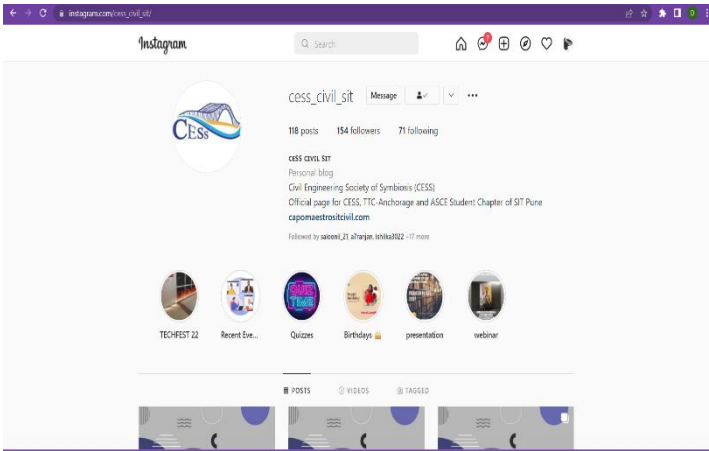
- Registrations from more than 100 different Institutions all across India including polytechnic colleges, Engineering Institutes, Management Institutes, Commerce Institutes, and working professionals.
- Registrations from more than 15 states of India as well as international participation
- Dare to compete for several views of more than 15000.
- Workshop participation of more than 200 for each workshop.
- Total participation in Capomaestro 2022 events: More than 2500 from outside SIT!



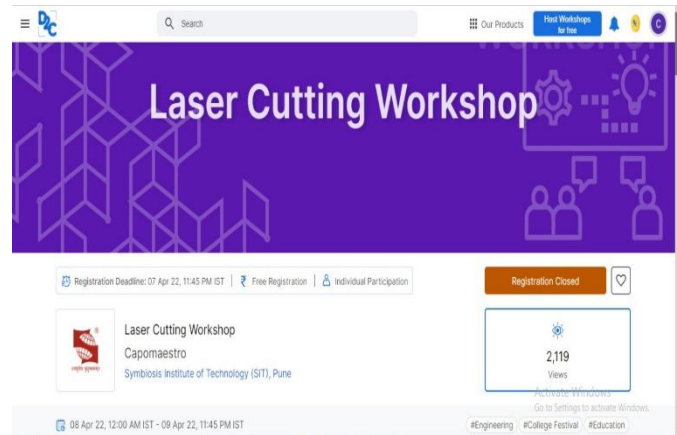
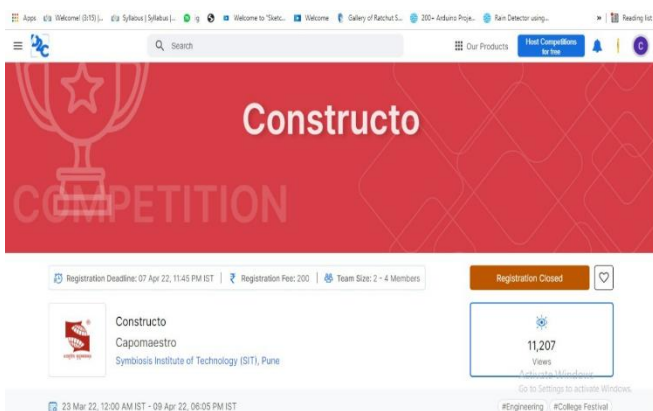
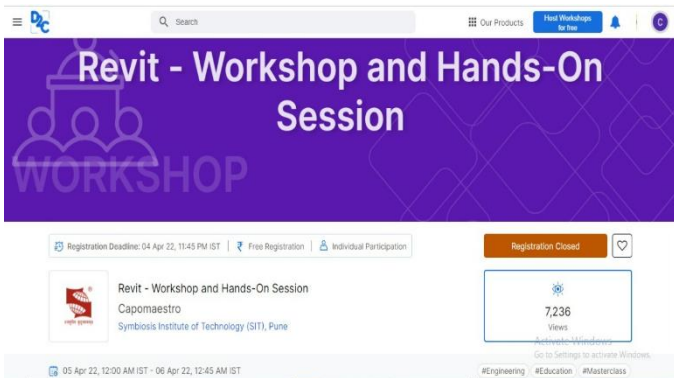
Civil Engineering students designed their own website for Tech Fest promotion.

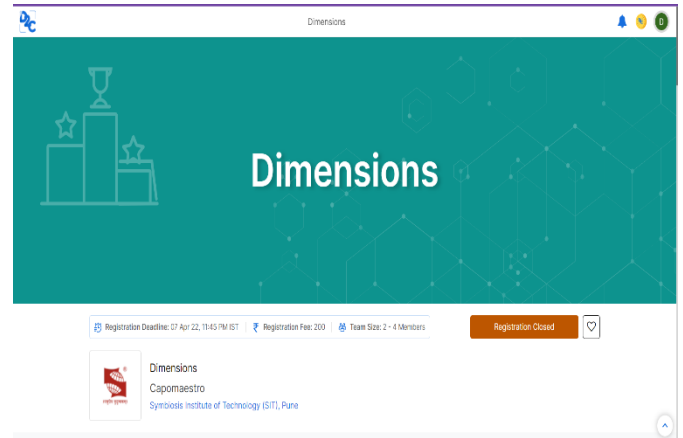
<https://capomaestrositcivil.com/index.html#>

Tech Fest sponsorship from Bentley Education, Ashoka Construction Company, Salvi Steel, and Promotion of Capomaestro events and pre-Techfest workshops on [cess_civil_sit](https://www.instagram.com/cess_civil_sit) have 154 followers.



Events put up for publicity on Dare to Compete for website:

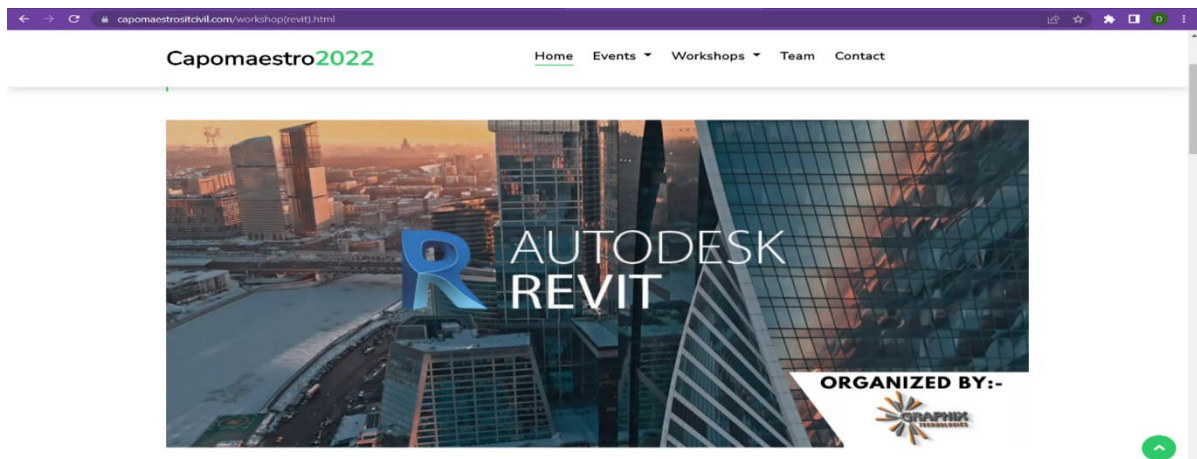




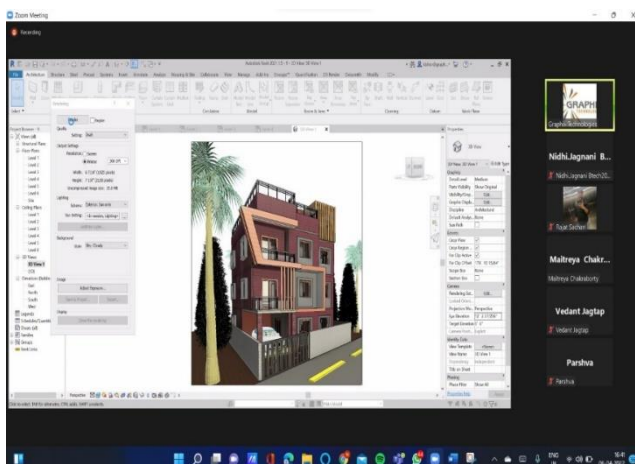
Pre- Techfest FREE WORKSHOPS

Team Capomaestro organized pre-Techfest workshops. More than 200 participants from outside SIT registered for each workshop. Detailed workshop reports are attached separately.

2 Days workshop on Revit from 5th April to 6th April 2022



Registration Link: - <https://forms.gle/dqZh4NJsYFfbCiB88>



SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

REVIT WORKSHOP

5th and 6th April 2022

Opportunity for Designers and Doers

At Civil Engineering Department

E-Certificates will be issued on successful completion of workshop

For more details
CONTACT : 8200917689

FREE ENTRY

Registration Link: <https://forms.gle/dqZh4NJsYFfbCiB88>

[@cess_civil_sit](#)

ORGANIZED BY: ASCE, CAPMAESTRO, CIS

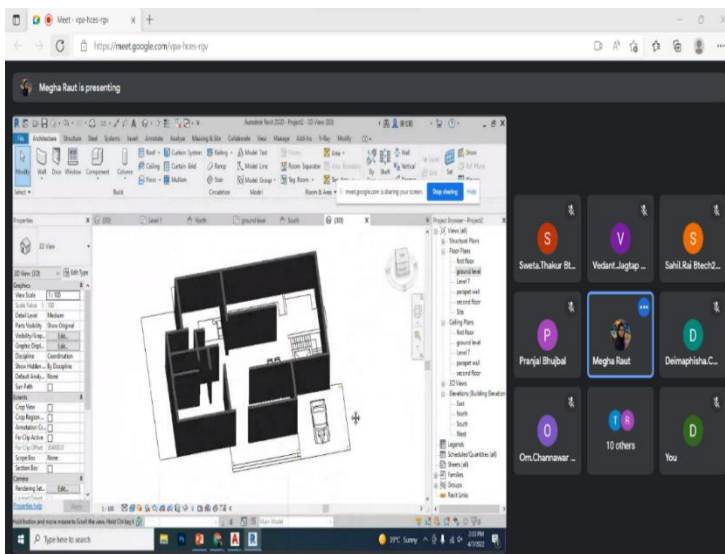
1 Day workshop on Autodesk Revit on 7th April 2022

Capomaestro2022

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Registration Link: - <https://forms.gle/LJV5c1XTfnfPGV2D9>



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**AUTODESK
AUTOCAD**

HANDS ON TRAINING

CIVIL DEPARTMENT, SIT PUNE

OPEN FOR ALL

CONTENTS :-

Introduction to Autocad
Learn drawings customization and commands
Know about solid modelling, plot drawings and much more..

DATE - 2-APRIL 2022

FREE ENTRY

REGISTRATION LINK :- <https://forms.gle/LJV5c1XTfnfPGV2D6>



ORGANISED BY -



FOR MORE DETAILS
CONTACT - 8200917689

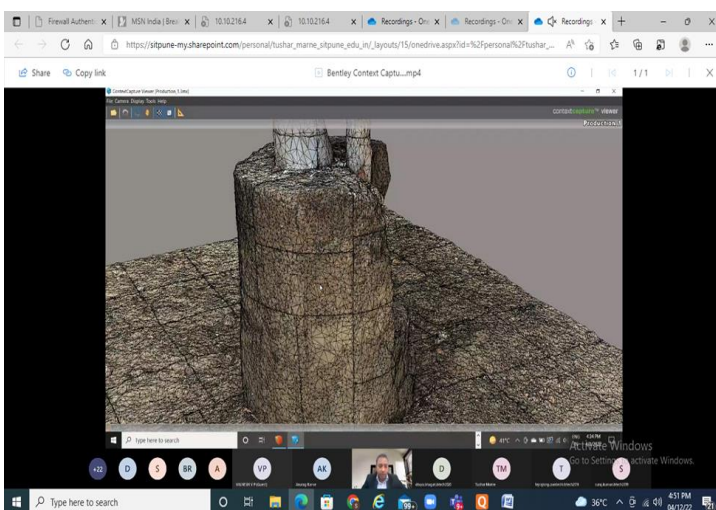
1 Day workshop on Bentley Context Capture on 8th April 2022

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Registration Link: - <https://forms.gle/p42SWjPgELuHjXgf9>



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WORKSHOP & COMPETITION

CONTEXT CAPTURE

CIVIL DEPARTMENT, SIT PUNE

E-Certificates will be issued by Bentley on successful completion of the workshop

DATE - 8th/9th APRIL

FREE ENTRY

REGISTRATION LINK- <https://forms.gle/p42SWjPgELuHjXgf9>

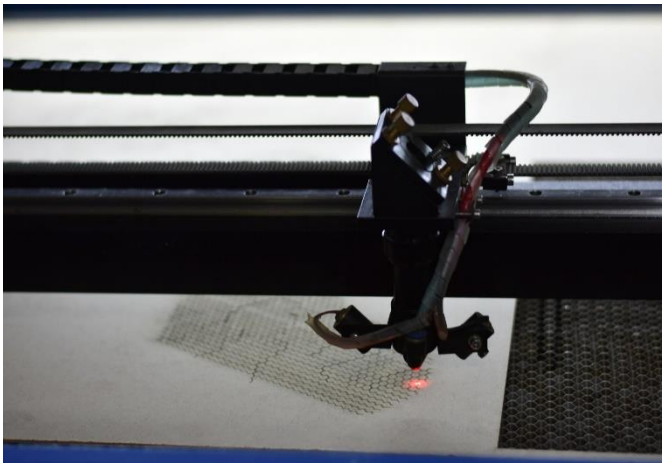
ORGANISED BY- Bentley Education, CAPMAESTRO, CIES, ASCE

FOR MORE DETAILS CONTACT - +91 82009 17689

1 Day workshop on Laser Cutting on 9th April 2022



Registration Link: - <https://forms.gle/bYW356JQSbqKo2kq9>



SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE



LASER CUTTING WORKSHOP

REGISTER NOW

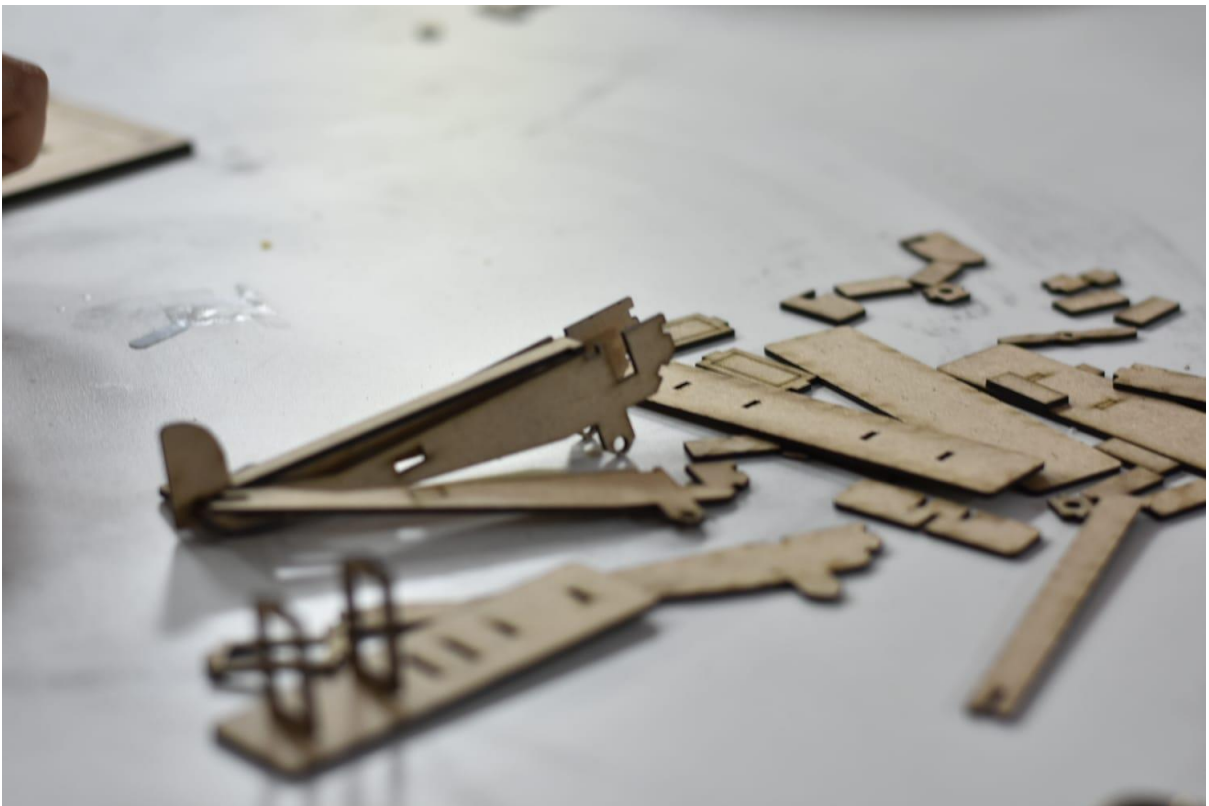
VENUE : SIT, PUNE | 08TH-09TH MARCH 2022

E-CERTIFICATES WILL BE ISSUED UPON SUCCESSFUL COMPLETION OF THE WORKSHOP

Organised by:

For more information Contact: 0200977609
<https://capomaestro@sit.edu.in>

Registration Link : <https://forms.gle/WXezorktaNTelR46>



About the workshop: -

Laser cutting is a technology that uses a laser to cut out patterns, engrave or etch different materials. The focused laser beam is directed at the material, using laser optics and CNC (computer numerical control) which then either melts, burns, vaporizes away, or is blown away by a jet of gas, leaving an edge with a high-quality surface finish. It is a great technology that is implemented in several industries due to its versatility as well as accurate cutting. With laser cutting, we can aim for a greener environment using lesser energy as it cuts down carbon footprint as well as reduces metal waste. With the world moving at a faster rate, Laser Cutting technology will not only provide an energy-efficient production solution but also improve the speed and ease of any project.

In this workshop, participants will learn the basics of the Laser Cutting process for prototyping any product along with several concepts related to it. All, those who want to improve their design and explore this technology can join the workshop.



DETAILS OF TECHNICAL EVENTS

Event: Dimensions

Event Head: Nishit Kishore

Judged by: Vinay Jatti, Amar Jain, Sayali Sandbhor

About the Event: -

Dimensions are one of the creative interesting events which would deal with designing and building innovative structure models with precision and accuracy. Problem Statement: Test your structural proportioning skills by participating in 'dimensions' which is Inspired by the famous under construction project Dubai creek tower. Get your measurements right with precision and accuracy and build the tallest suspension cable-supported building to withstand the two most powerful forces of nature- wind and earthquake load, the basic parameters of this event, and with exciting prizes. The problem statement was given to the participants along with the materials they needed. They have to make a model of a G+ 8 building of any shape.



Winners:

- | |
|--|
| 1. Devansh Agrawal, Mansi Asati, Samyak Rai |
| 2. Rahul Pawar, Sanket Dengale, Tanishq Vinode, Kedar Thakar |
| 3. Tirth Vaddoria, Utkarsh Sahu, Ratnagiree Chhipa |

Link for Registrations:

https://docs.google.com/forms/d/e/1FAIpQLSev91yFSZzttcOSFfGWQgS7OxKbnFB4k4E7b3q4dQhA8gyqUg/viewform?usp=sf_link

Event: Constructo

Event head: Saketh Bharthipudi

Judged by: Sayali Apte, Rushikesh Kulkarni

About the event: -

Constructo is a creative interesting event that would deal with designing and building innovative structure models. Constructo is one of the oldest and main events of Capomaestro which will serve as a medium to understand the cultural engineering and the technological spectrum that humankind has achieved. The event will help the students grow as individuals and serves as an opportunity of a lifetime to understand the basic of Civil Engineering.

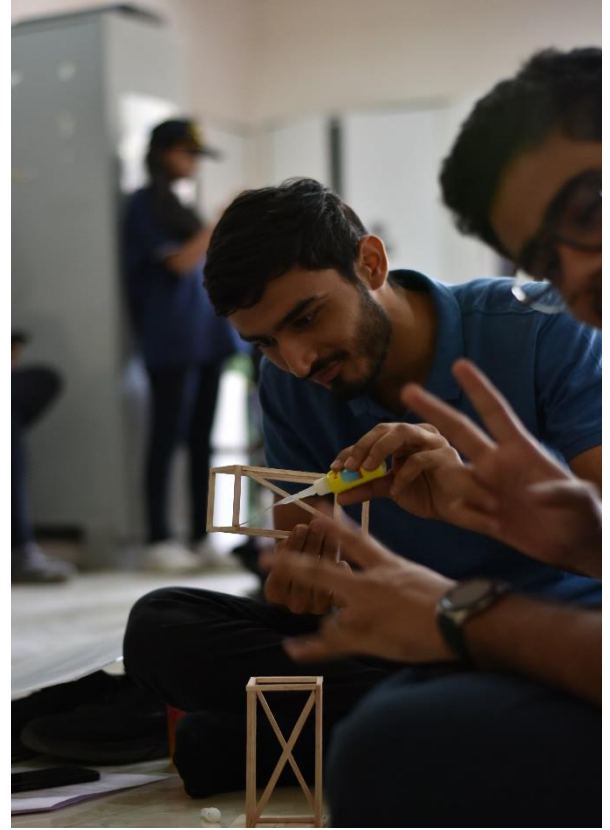
The participants are required to build a floating structure using the materials provided in a limited duration of time in which a part of the structure will be submerged and open to the air as well. The structure should be able to resist the waves and float.

Problem Statement - Design and build a floating structure where a part of the structure will be submerged and open to the air as well.

Structure: - tower or bridge

Specification: -

1. Dimensions of the structure: - height: in range of 30 cm to 60 cm; width: maximum 25 cm
2. Height of structure to a depth of submerged part ratio= 3:1



Winners:

- | |
|---|
| 1. Rahul Pawar, Sanket Dengale, Tanishq Vinode, Yash Padale |
| 2. Mansi Asati, Monika Gandhi, Sweta Thakur, Purwal |
| 3. Pranav Jadhav, Tirth Vaddoria, Utkarsh Sahu |

Link for Registrations: -

https://docs.google.com/forms/d/e/1FAIpQLScNOIE_Prhd5F3HcjghcNIL_Omg8_0s9v9R4XbfAZ-ywbi1aig/viewform?usp=sf_link

Event: Poster Presentation

Event head: Saloni Sawant

Judged by: Mugdha kshirsagar, Humera Khanum, Sayali Apte

About the event: -

Present your ongoing or finished project in the most creative way you can. If you are a research enthusiast and feel that you can make an impression with your extraordinary demonstrating skills then the Department of Civil Engineering invites you to participate in Technical Poster Presentation 2022. The team should consist of a maximum of 4 members.

Individual participation was allowed. The date of submission was April 9th, 2022. The preferred language was English.

Link for Registration:

https://docs.google.com/forms/d/e/1FAIpQLScSs2JB5FpFTwvEd6r_EuKOS0-NYgjm3lwcjpr3SpBzDoYpEg/viewform?vc=0&c=0&w=1&flr=0

Fun Events:

Amidst all the productivity all day, the mind needs time to take a break. In between all the activities, light-minded yet super fun games are planned for everybody to sit down and have fun.

The goal is to keep everybody in a good mood to stay fresh and active throughout the day. We organized various fun events like Symbi Derby. We also hosted a few Bingo games for the participants.





Winners:

- | |
|-----------------|
| 1. Shiryu Gupta |
| 2. Tarun Rao |
| 3. Kunal Kale |

Link for Registration:

https://docs.google.com/forms/d/e/1FAIpQLSe1QQYBYu9ombTVF7NV8rpqExkOKS0bqFoy73_1ekEQ5gSvnQ/viewform?usp=sf_link

CLOSING CEREMONY

CESS Team planned three major technical events along with fun events. Capomaestro hosted more than 3000 participants for its both offline and online events. It was a grand success. The closing ceremony was organized by the CAPOMAESTRO team.

Our sponsors and collaborators had joined as well where they motivated our student team and participants to work smartly and wisely in their respective pathways to success and career.

