



# ICI Student Chapter Report

## Department of Civil Engineering

### Federal Institute of Science and Technology, Angamaly

Academic Year 2021-22



## Introduction

Department of Civil Engineering, FISAT is having an active ICI student chapter since 2014. We have been organizing various technical activities for the students over these years. The events include cube testing competition, technical talks, industrial visits etc. The institution could host ICI student chapter cricket tournament in the year 2016. The guidance and support from the technical experts in the ICI-Kochi chapter is deeply acknowledged.

The ICI-FISAT student chapter had been organizing various events during the academic year 2021-22. The flagship events organized in association with ICI - Kochi chapter include the International Conference SECON'22 with publishing partner SPRINGER and department technical fest Incepto'22 for the engineering college student fraternity all over kerala. There had been a number of other events which could nurture the technical knowledge of students.

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# International Conference SECON'22

Conference Website: [secon22.fisat.ac.in](http://secon22.fisat.ac.in)



International Conference on  
Structural Engineering and Construction Management  
**SECON '22**  
Green Technology and Infrastructure Developments

| 01 - 03 June 2022 | Federal Institute of Science and Technology (FISAT) |

The banner features a dark brown background with white text. Below the text, there is a white horizontal line, and underneath that, a row of logos for various organizations: FISAT, ASCE, ICF, FISAT, Springer, paradigm, and FISAT.

## About:

SECON'22, being the Sixth Edition of the Annual Conference and the 3rd International Conference, organized by the Department of Civil Engineering, Federal Institute of Science and Technology (FISAT), Kochi, India, emphasize on the main theme “Green Technology and Infrastructure Developments” along with the ten tracks, which discussed the advancements and innovations in various streams of Civil Engineering. In the course of three days, the conference intended to be a platform for researchers to present, discuss and bring out the outcomes of the research and developments in the broad domain of Civil Engineering with focus on nature’s sustainability and the development of infrastructure. SECON'22 was conducted in a hybrid conference enabling participation of all delegates around the globe during this pandemic situation.

The previous editions of SECON conferences since 2017 have hoarded prodigious success and appreciation, and the organizing committee is confident that SECON '22 will bring conspicuous benefits to Researchers in Academia and Industry, Practicing Civil Engineers, Academicians, Architects and Developers, Postgraduate and graduate

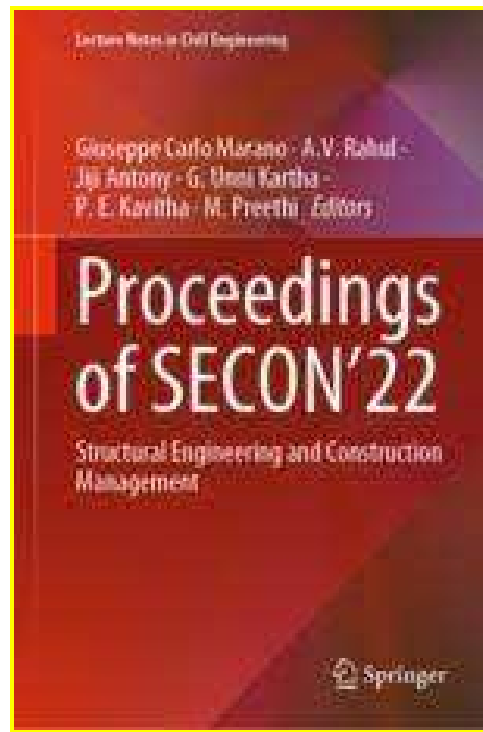
students and the goal had been achieved with the association of technical experts in the field of civil engineering from various professional bodies among them ICI-Kochi chapter was a major contributor and mentor of the event.

## Brochure:



The brochure cover features a night view of the Taipei 101 skyscraper. At the top, it reads "Department of Civil Engineering, FISAT presents" next to the FISAT logo. The event title "SECON'22" is prominently displayed in large, stylized blue letters. Logos for ASCE, Springer, and paradigm are visible on the right. The dates "JUNE 01 2022" and "JUNE 03 2022" are shown with arrows pointing to the building. Text on the left states: "The proceedings of SECON'22 will be published in SCOPUS indexed 'Lecture Notes in Civil Engineering' by Springer". The bottom section is titled "KEYNOTE SPEAKERS" and lists five speakers with their photos and titles: Prof. Shahrin Alam (Ph.D., P.Eng., Director of Research, University of Kuala Lumpur), Prof. Moncel L. Nehdi (Ph.D., P.Eng., FRC, FASCE, FASST, Professor in Charge, Department of Civil Engineering, McGill University), Dr. Ts. Dr. MO Kim Hwang (Senior Lecturer, Department of Civil Engineering, Faculty of Engineering, Universiti Teknikal Malaysia Melaka), Prof. Messandro Palermo (Professor, Università degli Studi di Palermo, Dipartimento di Ingegneria Strutturale, Geotecnica e Ambientale), and Dr. Piyush Chaunsali (Assistant Professor, Department of Civil Engineering, University of Kerala, India). A QR code and the website "secon22.fisat.ac.in" are located in the bottom right corner.

## Publication:



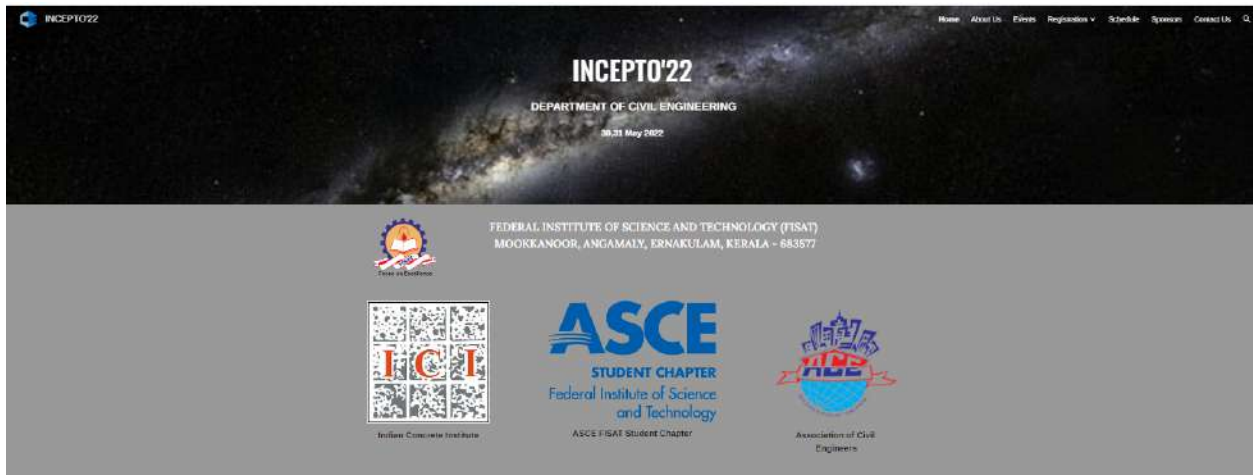
## Event Screenshots:



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# The Technical Fest - Incepto'22

Website: [incepto22.fisat.ac.in](http://incepto22.fisat.ac.in)



## About:

INCEPTO'22 is the technical fest hosted by the Department of Civil Engineering, at Federal Institute of Science and Technology (FISAT). In its second season, INCEPTO'22 is aimed at promoting the ideas and concepts developed by young Civil Engineers and strives to be a platform where you can showcase your true potential. The two-day event includes technical competitions, workshops, fun events and civil engineering exhibitions which provides an opportunity to future Engineers to advocate their technical expertise to the public and to budding engineers.



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## List of Events:

1. AAVISHKAR 22
2. CHASSE AU TRESOR
3. It's Debatable!!!
4. Spiromania
5. CereBro
6. Design And Software Workshop
7. Seize The Earth
8. Talk With Techie
9. CubiX
10. Consilio
11. Create Civil
12. Fun Events

## Event Highlights:



## Event 1: AAVISHKAR'22 : Inter College Project Expo



### About:

AAVISHKAR 22, is an Inter College Project Expo with the objective to provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year and provide an opportunity for the students to demonstrate their learning experience. The event will be conducted on 31st May 2022 in the FISAT auditorium.

Date of Event: May 30, 31-2022

Location of Event: Federal Institute of Science And Technology (FISAT)

Number of People Attended: Ten groups of students from the Department of Civil Engineering, FISAT

Event Coordinator: Devasena [S7CEA], Nirmal [S7CEB], Lakshmi [S7CEB]

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## Event Highlights & Prize Distribution:





## Event 1: CHASSE AU TRESOR

Go get 'em



### About:

Get ready for an adrenaline filled journey with us. Follow the trail of clues, unravel the obscure, and there awaits the treasure. Race against the time and set your hands ready to lay on the treasure chest. The game is conducted as a team, where you find the successive clues . The earliest team to reach the end point will win the game. The first day will be more of technical clues and the second day will be completely gimmicky.

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## Event Highlights & Prize Distribution:



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## Event 3: IT'S DEBATABLE!!!

### Tech Discussion



IT'S DEBATABLE!!! is a debate competition organized by the Department of Civil Engineering, FISAT, as a part of their technical festival INCEPTO'22.

IT'S DEBATABLE!!! provided an opportunity for young minds to come forward and experience the art of debating to take away the 3Es – Experience, Expertise, and Excellence. The event was judged by a panel of three experts from academia and the best team was awarded with a cash prize of Rs. 3000.

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## Event 4: SpiroMania@Incepto'22

### About:

INCEPTO has dawned again with various events for civil engineering students. This time SPIROMANIA is here to make it more fun and interesting for you. It's all about a tower making competition, which is a real hands-on experience for the participants to put in their skills and interests in constructing a model. The model can be made using popsicle sticks, toothpicks and cotton threads. The aim of this event is to understand the action of tension and compression forces on a structure. The final model is judged on the originality, aesthetics and the ultimate load carrying capacity of the design.





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## Event 5: CEREBRO@Incepto'22

**Be ready. Be smart. Be noticed!!!**

**INCEPTO '22**  
Department of Civil Engineering, FISAT

**CEREBRO**  
Quiz Competition

**1st prize- ₹3000**  
**2nd prize- ₹1500**

**GRAB 30 ACTIVITY POINTS**  
**Register Here**

incepto22.fisat.ac.in

**Reg fee: 150/-**  
**per team**  
**Team of two**

**CONTACT:**  
Koushik p: 9061222905  
Safra: 8590467397

**DATE: 30**  
**MAY**  
**Time :12 pm**

INCEPTO\_FISAT INCEPTOFISAT INCEPTO FISAT

### About:

A mind sport wherein the players in teams attempt to answer questions posed to them correctly in order to win a prize.

# Event Highlights & Prize Distribution:



## Event 6: Design And Software Workshop



### About:

This is a one day hands-on workshop on Sketchup Software. This workshop is designed to provide hands-on training in Sketchup for individuals who want to excel in modeling complex structures. Participants explored design concepts, modeling and customisation. This workshop was helpful for participants who aim towards professional 3D ,modeling with a simple, user friendly software that is easily compatible.

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## Event Highlights & Prize Distribution:





## Event 7: Seize The Earth@Incepto'22



### About:

EMBRACE THE CLAY!!!

Students who are excited to work with a potter and make their own creations are always welcome to our space. We provide you the best platform for your research or for fun whatever it is....

Just come and GET YOUR HANDS DIRTY!!!!!!

## Event 9: CubiX - The mix Design, Cube casting and Testing Competition

**INCEPTO '22**  
DEPARTMENT OF CIVIL ENGINEERING, FISAT

# CUBiX

CUBE CASTING COMPETITION

**23 MAY**

**VENUE:**  
MATERIAL TESTING LAB,  
FISAT

Catherine +91 9072068297  
Riswan +91 9746799138

**REG FEE:**  
**₹200**  
PER PERSON  
4 MEMBERS IN A TEAM

**ASCE**  
American Society of Civil Engineers

### CUBiX

**1st PRIZE: ₹3000**  
**2nd PRIZE: ₹2000**

**GUIDELINES**

- Materials for the workability test and cube casting will be provided.
- A mix design report of M30 to be prepared as per IS 10262:2019. Material properties will be given.
- Testing of cubes is scheduled at 10:00 hrs, on the date 31/5/2022 at Material Testing Lab, FISAT. At Least one of the members of each team must be present at the time of testing.

**BE FIRST TO REGISTER!  
ONLY 8 SLOTS AVAILABLE**

Register here: <https://forms.gle/JwLPPJ9u8jRzJB1Z8>

InceptoFISAT | incepto\_fisat | Incepto Fisat

### About:

Concrete is the most common and versatile construction material. Budding engineers who deal with concrete need to have hands-on experience of concrete making, to understand its quality and behavior. Concrete making with variations in characteristics of cement, proportioning of aggregates, chemistry of material and chemical admixtures, control of water binder ratio, is a challenge to any civil engineer. CubiX @Incepto'22 -FISAT offers Students of Civil Engineering to experience through this competition, the art and science of producing good quality concrete.

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## Event Highlights & Prize Distribution:







Participation details : Six teams participated from SNGCE, AISAT and FISAT. First prize was won by AISAT team and Second prize was won by FISAT team.





## Event 10: Consilio

**FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)**  
DEPARTMENT OF CIVIL ENGINEERING

**INCEPTO '22**  
**IDEA PITCHING COMPETITION**  
**CONSILIO**

**Reg fee Rs. 200 per team**  
Team of two

**OPEN TO ALL COLLEGE & SCHOOL STUDENTS (10th, 11th, 12th)**

**Rules and Regulations:**

1. This will be a team event, two per team max.
2. The problems will be provided in advance.
3. The participants are required to make a presentation of their ideas regarding the problem given.
4. The ideas should be as original as possible and innovative.
5. Participants will be judged by a panel and their ideas will be scored.
6. The presentation details will be shared with the participants through email and WhatsApp group prior to the event.

**31 MAY 2022**  
**2 PM**  
**VENUE: CIVIL DEPT. SEMINAR HALL, FISAT**

**REGISTER NOW**

**CONTACT**  
SIMI RACHEL THOMAS - +91 9188218092  
SAGAR MOHAN - +91 6282309760  
HANNA SALAH - +91 8921110278  
ATHULYA P.S - +91 9544461604

**PRICE POOL**  
Rs. 5000/-  
FIRST PRIZE: 3000/-  
SECOND PRIZE: 2000/-

**REGISTER NOW**  
Incepto'22.fisat.ac.in

**Media Partner**  
MIRCHI  
ASCE  
I.C.A.

### About:

Consilio is an idea pitching competition as a part of Incepto'22. It will be a team event in which the participants will be provided with a set of problems related to Civil engineering beforehand. The participant that comes up with the best and most original set of ideas to answer the problems will be the winner.

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## Event Highlights & Prize Distribution:



## Event 11: CREATE CIVIL

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

# INCEPTO '22

**CREATE CIVIL**  
MODEL MAKING COMPETITION

**1ST PRIZE**  
₹5K

**2ND PRIZE**  
₹3K

REGISTER HERE

REGISTRATION FEE  
₹ 200

ASCE  
STUDENT CHAPTER  
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY

media partner  
**MIRCHI**  
MALAYALAM NEWS

HGE

incepto22.fisot.oc.in

### Alien Ideas Human Code

All that you need to know about Model Making Event Description: Are you good at explaining civil engineering concepts with the help of models? Here is the chance! Construct any civil engineering model of your choice and present it in **INCEPTO'22**.

Main objective of this competition is to encourage students to design and build a civil engineering model by applying their knowledge and creativity.

On May 30<sup>th</sup>, the Department of Civil Engineering conducted CREATE CIVIL model making competition in accordance with INCEPTO22. The event was open to the public

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and ten groups of students were in attendance. During the event, group members presented their thoughts and ideas through their model.

Models were judged by Mr. Abin Thomas C A, Miss Anu Roy, Miss Sharon Jacob from the Department of Civil Engineering. Winners of the competition were declared on 31 May 2022, 02.00pm.

Winners of the competition are;

First Prize: Rahul Rajesh, Sidharth KV , Sinan C , Mohammed Alfaz , Rudra Shaji , Sahithya B.N , Theme:**Rotating bridge**(working Model)

Second Prize: Aswathy unni , Alakananda E R , Aiswarya KS, Aengel Maria , Angel john, Gopika sudheer , Theme: **Wembley stadium**

Shared by :Adhil M , Adithyan Balachandran , Adithyan M S , Ajithkumar A B , Anna Lesley

Theme: **Futuristic office HQ**

At the conclusion of the event, the prize distribution was held on 31 May 2022, at the main auditorium following the conclusion speech and cultural activities.

## Event Highlights & Prize Distribution:





## Event 12: FUN EVENTS

### Art Attack

A Competition which helps everyone to showcase their talent through colours .A drawing competition where students can enhance and sharpen creativity among them. The purpose of the competition is to increase understanding and knowledge on drawing. Drawing is the best form of expression, which reveals true imagination.Spread happiness by drawing happy pictures .



# IKSHANA

Online photography



Eyes work more than ears is a widespread fact. A camera's virtue lies not in its lens or its shutter but in the artistry of its holder. An activity meant to break the limits of human vision and memory, photography has grown into an art form of its own. Incepto'22 presents an opportunity to showcase your skill. If you have a knack for freezing precious moments in your camera, this event is one you don't wanna miss!



## Paint it Red@Incepto'22



Looking for something different? Paintball provides an unforgettable experience that you can't get from a typical event. Build teamwork and feel the adrenalin rush that is Garron play arena's Paintball.

Yes u heard it right Garron play arena a famous fun arena is coming to campus!! Grab your spots NOW!!







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## CONCLUSION:

Department of Civil Engineering, FISAT is privileged to associate with ICI, Kochi centre during the last 8 years and deeply acknowledges their efforts in organizing technical events for the quality enhancement of budding engineers. We are happy and privileged to associate with ICI, Kochi chapter for the coming years also.

## Reference Websites:

1. [Secon22.fisat.ac.in](http://Secon22.fisat.ac.in)
2. [Incepto22.fisat.ac.in](http://Incepto22.fisat.ac.in)
3. [fisat.ac.in](http://fisat.ac.in)