



S  **CE** | Sri Venkateswara
College of
Engineering



**An Autonomous Institution - Affiliated to Anna University
Pennalur, Sriperumbudur Tk. Tamil Nadu-602117.**

**DEPARTMENT OF CIVIL ENGINEERING
&
CIVIL ENGINEERING ASSOCIATION (CEA)**



A Report of



TECHNOWAYS'24

15th & 16th March 2024,



SRI VENKATESWARA COLLEGE OF ENGINEERING
(An Autonomous Institution affiliated to Anna University, Chennai)
Pennalur, Sriperumbudur Tk – 602 117



DEPARTMENT OF CIVIL ENGINEERING

Report on
TECHNOWAYS'24
“BRIDGE EXPERTISE”

Date : Friday, 15th March 2024

Time : 10.30 AM to 12.30 PM

Mode : Offline

Venue : Survey lab

Convenor:

Dr.R.Kumutha, Professor & Head/Civil Engineering

Faculty Coordinator:

Mr.R.Kalaivannan, Assistant Professor, Dept of Civil Engg. ,SVCE

Student coordinators:

Mr. Jai siddarth A (II Year / Civil Engg.)

Mr. Rashik Ahmed R (III Year / Civil Engg.)

Audience:

Students of various colleges

Number of Participants Registered: 44

Judges

Dr. P. Venkateswara Rao, Professor, Dept of Civil Engg., SVCE

Mr. G. Arun, Assistant Professor, Dept of Civil Engg., SVCE

Winners:

1. Velan S (III Year / Civil Engg.) SVCE

2. Gopinath K (III Year / Civil Engg.) SVCE

Runners:

1. Yugheswaran R B (II Year / Civil Engg.) SVCE

2. Gokul A (II Year / Civil Engg.) SVCE

BROCHURE:

SCE Sri Venkateswara College of Engineering

2IIM TECHNOWAYS

Retrotech Revival
TECHNOWAYS
MARCH 15, 16 2024

BRIDGE EXPERTISE

Thermocol bridge design challenge.

15.3.24 10.30 AM-12 PM

CONTACT
Rashik Ahmed R : +91 77080 21495
Jai Siddarth A : +91 90921 09220

SCAN TO REGISTER

SCE College of Engineering

2IIM TECHNOWAYS

Event description

Bridge expertise is a technical event that explores the ideas behind bridge modelling and construction also it outlines how the bridge design could be done optimally with given materials. This event comprises designing, construction, and testing of the model.

Rules

- This is a team event.
- Participants must strictly adhere to design specifications
- Participants should strictly finish the design within the stipulated time

CONTACT
Rashik Ahmed R : +91 77080 21495
Jai Siddarth A : +91 90921 09220

ABOUT THE EVENT “BRIDGE EXPERTISE”

At the outset of the Bridge Expertise event at Technoways'24, Mr. Jai Siddarth, the Joint Secretary of CEA and the Event Coordinator, welcomed participants and outlined the rules of the competition. He briefed the participants on the objectives of the event and emphasized the importance of adherence to the guidelines.

A quiz based on engineering basics and aptitude was conducted as the first round of screening to determine the teams advancing to Round 2. Teams qualifying were then tasked with designing a prototype bridge according to given parameters. Amidst intense competition, not all teams advanced. Those progressing meticulously crafted prototypes using provided materials.

The jury, consisting of Professor Dr. P. Venkateswara Rao and Assistant Professor Mr. G. Arun, alongside event convenor and Head Dr. R. Kumutha, evaluated prototypes based on accuracy, performance, and aesthetics. The winners of the event were announced during the valedictory ceremony on the second day of Technoways. The atmosphere was relaxed, and there was a sense of anticipation as everyone gathered. When the winners were announced, there was applause and cheers from the audience. It was a simple yet joyous moment as the winners were congratulated for their achievements.

The winners of BRIDGE EXPERTISE were:

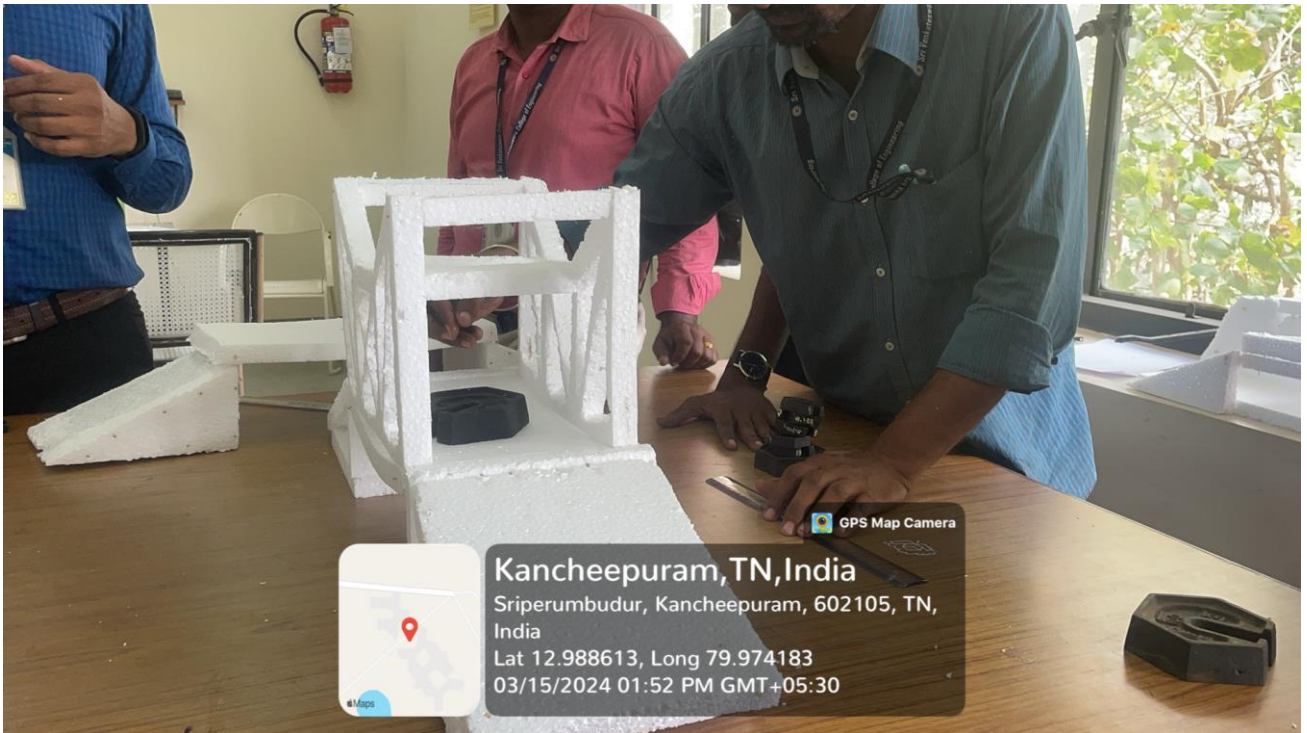
Winners:

1. Velan S (III Year / Civil Engg.) SVCE
2. Gopinath K (III Year / Civil Engg.) SVCE

Runners:

1. Yugheswaran R B (II Year / Civil Engg.) SVCE
2. Gokul A (II Year / Civil Engg.) SVCE

SNAP SHOT ON THE EVENT “BRIDIGE EXPERISE”



DETAILS OF THE PARTICIPANTS

S.No	Name of the Participant	Name of the Institution
1.	N. AAKASH NAGAPPAN	SVCE
2.	NISHANTH KUMAR. V	SVCE
3.	SATHISH JONATHAN.D	CIT
4.	MOHAN KUMAR. M	CIT
5.	PRIYADHARSHINI .S	SVCE
6.	ABINAYA .S	SVCE
7.	PUVIARASU.S	SVCE
8.	ZAAHIR SHA .S	SVCE
9.	S. ABDUL WAHITH	CIT
10.	R. VIGNESH	CIT
11.	YUVAN KUMAR A	CIT
12.	GUNALAN M	CIT
13.	SAKTHIBALA R	CIT
14.	RAGHURAMAN. MRL	CIT
15.	JITHENDAR KRISH S	SVCE
16.	V. ARAVIND KUMAR	SVCE
17.	LOMINA .R	SVCE
18.	NITHILA .M	SVCE
19.	N.M.D SANTHOSH KUMAR	SVCE
20.	ARIVUMANI .S	SVCE
21.	S. BALAJI	SVCE
22.	R. KAVIN KUMAR	SVCE
23.	N. MAILAN MOHAN	SVCE
24.	M. ASWANTH	SVCE
25.	G. KABILAN	SVCE
26.	M. THENDRALARASU	SVCE
27.	YOGA ROOBAN	SVCE
28.	D.K. SURVESH	SVCE
29.	M. SHREE VARSHINI	SVCE
30.	J. SRIVASAN	SVCE
31.	GURURAJE .M	SVCE
32.	MATHIMITHA. A	SVCE
33.	KAVISAVANG.G	SVCE
34.	LOGARAJA .B	SVCE

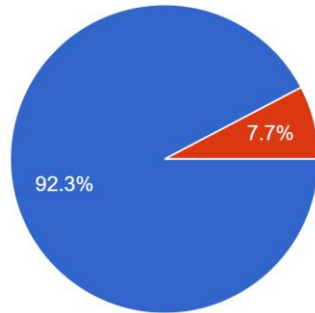
DETAILS OF THE PARTICIPANTS

S.No	Name of the Participant	Name of the Institution
35.	JANARTHAN.C	SVCE
36.	ANISH KUMAR .M.S	SVCE
37.	GOPINATH.K	SVCE
38.	VELAN.S	SVCE
39.	YUGHEWARAN.R.B	SVCE
40.	GOKUL.A	SVCE
41.	S. KESAVA PRAKASH	SVCE
42.	H. KISHORKUMAR	SVCE
43.	D. KESHIKA	SVCE
44.	M. DIVYASRI	SVCE

SUMMARY OF THE FEEDBACK

College Name

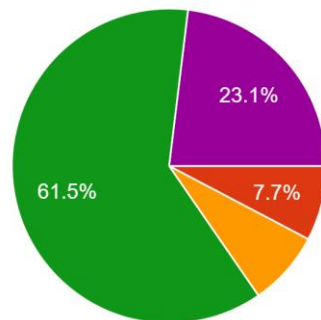
13 responses



- Sri Venkateswara College Of Engineering
- Chennai Institute of Technology

How would you rate this event?

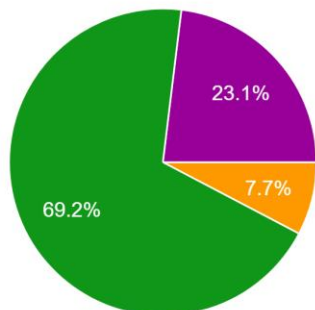
13 responses



- Poor
- Fair
- Satisfactory
- Very good
- Excellent

The event is well organised

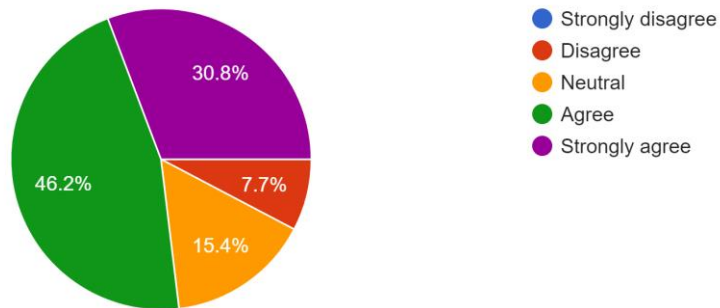
13 responses



- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The materials provided is good in quality and sufficient

13 responses



COMMENTS ABOUT THE EVENT:

- Very interesting
- Nice
- It was fun
- good



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(An Autonomous Institution affiliated to Anna University, Chennai)
Pennalur, Sriperumbudur Tk – 602 117
DEPARTMENT OF CIVIL ENGINEERING



Report on
TECHNOWAYS'24
“MUDWELL MASTERY”

Date : Friday, 15th March 2024

Time : 1:00 PM to 2:30 PM

Mode : Offline

Venue : Soil Mechanics Lab

Convenor

Dr. R. Kumutha, Professor & Head/Civil Engineering

Faculty Coordinator

Mr. R. Kalaivannan, Assistant Professor, Dept of Civil Engg., SVCE

Student coordinator

Ms. Priyadarshini R (III Year/ Civil Engg.)

Ms. Rekha R (II Year / Civil Engg.)

Target Audience

Students

Number of Participants benefited: 28

Judges

Mr. S. Hariswaran, Assistant Professor, Dept of Civil Engg., SVCE

Dr. R. Sathia, Professor, Dept of Civil Engg., SVCE

Winners

First place - Mr. Velan S & Gopinath K (III year, SVCE)

Second place - Mr. Yuvan Kumar M & Sathish Jonathan D (II year, CIT)

BROUCHER

SVC Sri Venkateswara
College of
Engineering



2IIM



Retrotech Revival

TECHNOWAYS

MARCH 15, 16 2024

MUDWELL MASTERY

Geotech Genius Challenge: Unearth Innovation!



15.3.24



1 - 2.30 PM

CONTACT

Priyadarshini R : +91 88381 18680

Rekha R : +91 79040 29457

SCAN TO REGISTER



Event description

Mud well mastery is a technical event which demands your basics of geotechnical engineering and spontaneous thinking.

This event incorporates brainstorming, modelling, and testing of the model for the specified problem statement

Rules

- This is a team event.
- Participants must strictly adhere to design specifications
- Participants should strictly finish the design within the stipulated time

CONTACT

Priyadarshini R : +91 88381 18680
Rekha R : +91 79040 29457

BRIEF OF THE EVENT “MUDWELL MASTERY”

“Mudwell Mastery” is the second event of the day 1 conducted between 1:00 to 2:30 p.m at Soil Mechanics Laboratory. The event took place in two rounds with the direction of judges. The first round is a MCQ which test the basic knowledge of the students in Civil Engineering. 15 teams participated in the first round out of which 10 teams were selected for the second round.

The second round was conducted at Survey lab. Participants were given the problem statement and required materials which includes 2 Kg of clay, adequate amount of water, scale. Participants were required to design a well according to the given dimensions. The participants were expected to design the well in a short span of time and the well should be able to withstand the load applied.

The participants were given 1hour to complete the given task. After the event, the wells were tested for strength in wet condition. Every well was individually tested and the well the withstood the maximum load and completed in the shortest span of time was selected as the winners of the event.

The winners of MUDWELL MASTERY were:

First place - Mr. Velan S & Mr. Gopinath K

Second place - Mr. Yuvan Kumar M & Mr. Sathish Jonathan D

SNAP SHOT ON THE EVENT “MUDWELL MASTERY”



DETAILS OF THE PARTICIPANTS

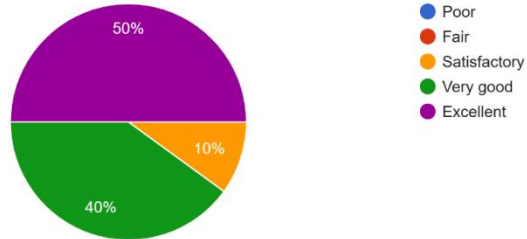
S.No	NAME	COLLEGE	DEPARTMENT	YEAR
1	YUVAN KUMAR A	CIT	CIVIL	II
2	RAGHURAMAN M	CIT	CIVIL	II
3	VIGNESH R	CIT	CIVIL	II
4	GUNALAN M	CIT	CIVIL	II
5	ABDUL WAHITH S	CIT	CIVIL	II
6	SAKTHI BALA R K	CIT	CIVIL	II
7	SATHISH JONATHAN D	CIT	CIVIL	II
8	MOHAN KUMAR M	CIT	CIVIL	II
9	SOWNDARIYA K	SVCE	IT	III
10	BALAJI	SVCE	MECHANICAL	III
11	DHANUSH R	SVCE	MECHANICAL	IV
12	GOWRISH H	SVCE	MECHANICAL	IV
13	HARIHARAN M	SVCE	MECHANICAL	IV
14	KABILAN G	SVCE	CIVIL	I
15	THENDRALARASU	SVCE	CIVIL	I
16	KAVIN KUMAR R	SVCE	CIVIL	I
17	GURURAJE M	SVCE	CIVIL	II
18	MATHIMITHA A	SVCE	CIVIL	II
19	YUGESHWARAN R B	SVCE	CIVIL	II
20	ARIVUMANI S	SVCE	CIVIL	II
21	GOKUL A	SVCE	CIVIL	II
22	VELAN S	SVCE	CIVIL	III
23	GOPINATH K	SVCE	CIVIL	III
24	LOMINA R	SVCE	CIVIL	III
25	NITHILA M	SVCE	CIVIL	III
26	SAHTHOSH KUMAR N M	SVCE	CIVIL	IV
27	PUVIARASU S	SVCE	CIVIL	IV
28	ZAAHIR SHA S	SVCE	CIVIL	IV

SUMMARY OF THE FEEDBACK

TOTAL NO. OF RESPONDENTS: 10

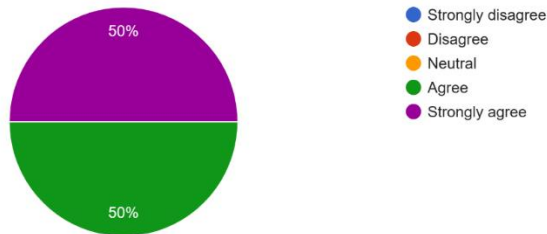
How would you rate this event?

10 responses



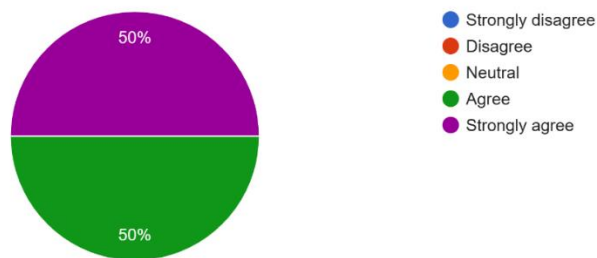
The event is well organised

10 responses



The materials provided is good in quality and sufficient

10 responses



ABOUT THE EVENT COMMENTS

- The events is good
- Nice
- It was good
- Good
- Nice event



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DEPARTMENT OF CIVIL ENGINEERING

Report on
TECHNOWAYS'24
“ECO STRUCT”

Date : Saturday, 16th March 2024

Time : 09:30 a.m to 12:00 p.m

Mode : Offline

Venue : Cadd lab

Convenor

Dr.R.Kumutha, Professor & Head/Civil Engineering

Faculty Coordinator

Mr.R.Kalaivannan, Assistant Professor, Dept of Civil Engg., SVCE

Student coordinator

Mr. Raghavendra B (III Year/ Civil Engg.)

Mr. Aravintakshan N G (II Year / Civil Engg.)

Target Audience

Students

Number of Participants: 8

Judges

Dr. Selvakumar M, Professor, Dept of Civil Engg., SVCE

Mr. Mathiyazhagan R, Assistant Professor, Dept of Civil Engg., SVCE

Winners

First Place - Sijo Danish S (III year, CIT)

Second Place - Gopinath k (III year, SVCE)

BROCHURE



Retrotech Revival
TECHNOWAYS
MARCH 15, 16 2024

ECO STRUCT

Crafting Tomorrow's Infrastructure

16.3.24 9.30 AM-12 PM

CONTACT
Raghavendra B : 94439 32131
Aravintakshan N G : 93848 41071



SCAN TO REGISTER



Event description

Participants are given a set of specifications for a building project, such as size, location, and purpose. Their task is to design the building using sustainable principles, such as energy efficiency, use of renewable materials, and water conservation. They must create the design using AutoCAD and present it along with a brief explanation of their sustainable design choices.

Rules

- It's an Individual Event.
- The design should be adhered to IS code specifications.
- The design should fulfill the theme of the event (Sustainability), also design specifications are expected to fulfil the requirements of IS code specifications.

CONTACT
Raghavendra B : 94439 32131
Aravintakshan N G : 93848 41071

ABOUT THE EVENT “ECO STRUCT”

The event “**Eco Struct**” was conducted on 16th March, 2024, on the second day of **TECHNOWAYS’24**, between 9:00 a.m and 12:30 p.m. This is an individual event where the participants are given a set of specifications for a building project, for which they have to design the floor plan using AUTOCAD software. The task is to provide a sustainable plan involving sustainability principle, energy efficiency, usage of renewable materials along with justification for their plan

The event was conducted in two rounds with the first round being the qualifying round. The qualifying round consisted of a quiz. Out of 15 participants, 10 were qualified for the final round. The final round was conducted in CADD LABORATORY, Civil Dept, SVCE. The participants were provided with systems and the problem statement. After the completion of design, the participants submitted their plans to the judges and gave their explanations. Shortly, the judges announced the winners of the event.

The prizes were distributed shortly after the completion the event by Dr.R.Kumutha, Professor and Head, Dept of Civil Engineering, SVCE. The winners were awarded with cash prize and a certificate while all other participants were provided with certificate of appreciation. The photos of the event were captured by the members of “SVCE photography club”.

The winners of ECO STRUCT were:

First Place	- Sijo Danish S
Second Plac	- Gopinath K

SNAP SHOT ON THE EVENT



SNAP SHOT ON THE EVENT



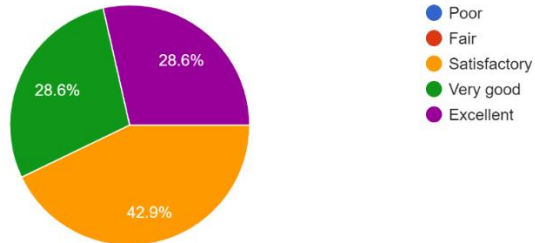
DETAILS OF THE PARTICIPANTS

S.No	Name	Year	College
1	Sijo Danish S	III	CIT
2	Yuvan Kumar A	II	CIT
3	Vishwananthan S L	III	SVCE
4	Santhosh Kumar N M	IV	SVCE
5	Arivumani S	II	SVCE
6	Gopinath K	III	SVCE
7	Velan S	III	SVCE
8	Zaahir sha S	IV	SVCE

SUMMARY OF THE FEEDBACK

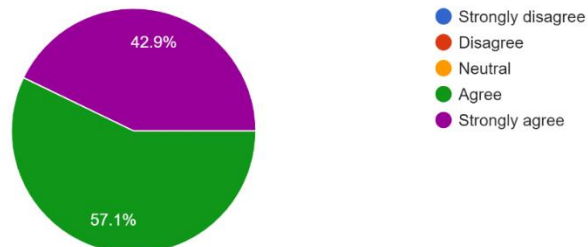
How would you rate this event?

7 responses



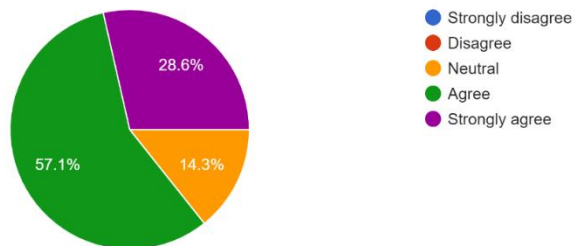
The event is well organised

7 responses



All queries have been addressed

7 responses



COMMENTS ABOUT THE EVENT:

- Very nice
- Useful
- Good outcome
- Good
- Nice Experience



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DEPARTMENT OF CIVIL ENGINEERING

A Report of
TECHNOWAYS'24
Workshop on
***“Concrete 3D Printing:
The future of construction industry”***

Date : Saturday, 16th March 2024

Time : 10:00 a.m to 11:30 p.m

Mode : Offline

Venue : Bio-tech Seminar Hall

Convenor

Dr.R.Kumutha, Professor & Head/Civil Engineering

Faculty Coordinator

Mr.R.Kalaivannan, Assistant Professor, Dept of Civil Engg. ,SVCE

Student coordinator

Mr. Raghavendra B (III Year/ Civil Engg.)

Target Audience: Students and Faculty members

Total No. of Participants : 70

Number of Students : 65

Faculty Members : 5

Guest

Mr. Amarnath Balaji T,
Business Development Associate,
Tvasta Manufacturing Solutions.

FLYER



TECHNOWAYS

Retrotech Revival

A WORKSHOP ON CONCRETE 3D PRINTING: THE FUTURE OF CONSTRUCTION INDUSTRY

Insights into Concrete 3D Printing

If you are passionate about 3D printing, here is the chance for you to explore more on the advancements in 3D Printing ... Do Register for the workshop ..and There is No registration Fee for the Workshop.

Resource Person is from Tvasta Manufacturing Solutions Pvt Ltd, Chennai
(The company which had completed India's first 3D-printed house & bus shelter)

CONTACT
Raghavandra B
General Secretary, CEA
+91 94439 32131



16.3.2024



10AM - 11.30 AM

Biotech Seminar Hall, SVCE

SCAN TO REGISTER



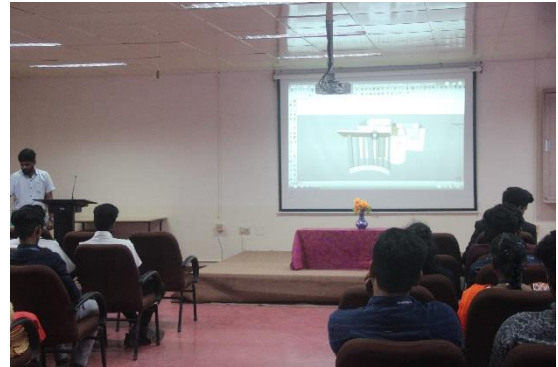
BRIEF OF THE WORKSHOP

A workshop on “**3D PRINTING: THE FUTURE OF CONSTRUCTION INDUSTRY**” was conducted on 16th March, 2024 at Biotech Seminar hall. The speaker of the workshop is **Mr. Amarnath Balaji T** Business Development Associate of Tvasta Manufacturing Solutions. The workshop is interdisciplinary and is open to all the departments. Ms. Priyadarshini R(Senior Executive member CEA) addressed the gathering and gave a brief about the Tvasta Manufacturing Solutions. Mr. Raghavendra B(General Secretary CEA) welcomed our Chief Guest, Faculties, HOD and the student participants.

After the welcome address Dr. R. Kumutha Mam felicitated the Chief Guest with a memento. The session was handed over to the Chief Guest. Chief guest gave a brief outline about the 3D Printing and its principle mechanism. The session was enlightening to the students as well as to the faculties.

The workshop majorly focused on 3D printing having a major impact on the construction industries. He also showed miniatures made out of 3D Printing. A total of 65 students were benefitted by the workshop. The workshop ended with a vote of thanks by Mr. Aravintakshan (Junior Executive Member).

SNAP SHOT ON THE EVENT



SNAP SHOT ON THE EVENT



DETAILS OF THE PARTICIPANTS

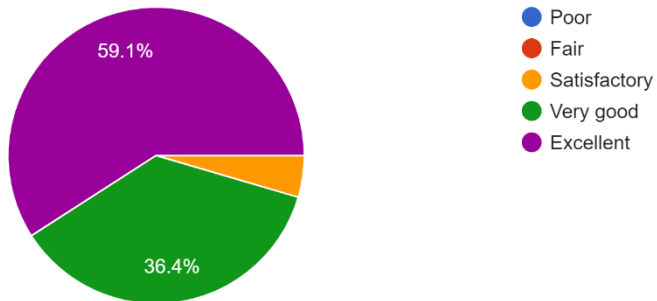
S.No	Name	Year	Dept	College
1	Sijo Danish S	III	Civil	CIT
2	Yuvan Kumar A	II	Civil	CIT
3	Vishwananthan S L	III	Civil	SVCE
4	Santhosh Kumar N M	IV	Civil	SVCE
5	Arivumani S	II	Civil	SVCE
6	Gopinath K	III	Civil	SVCE
7	Velan S	III	Civil	SVCE
8	Zaahir sha S	IV	Civil	SVCE
9	Aurudra Adishesalah krishna	IV	Civil	SVCE
10	Vignesh P	III	IT	SAEC
11	Anish Melvin E	III	IT	SAEC
12	Dhanush kumar D	III	IT	SAEC
13	Sai jeet K	III	IT	SAEC
14	Afrid R	III	IT	SAEC
15	Arun Sundar M	III	Mech	SVCE
16	Krishnan A	II	Mar	SVCE
17	Sanjai C	II	Mar	SVCE
18	Sudeep V	II	Mar	SVCE
19	Baalaajee P	II	Mar	SVCE
20	Vishal A	II	Mar	SVCE
21	Veerapandiyan R	II	Mar	SVCE
22	Kamaleshwaran R	I	Civil	SVCE
23	Kavinkumar R	I	Civil	SVCE
24	Kotteshwari V	I	Civil	SVCE
25	Shanmuga velan M	III	EEE	SVCE
26	Divya R	III	EEE	SVCE
27	Sakthi uma S	III	EEE	SVCE
28	Bharanidharan R	II	Mar	SVCE
29	Anjana suresh	II	ECE	SVCE
30	Subashree Meenakshi P	II	AIDS	SVCE
31	Arya B G	II	Auto	SVCE
32	Samyuktha P	II	Chem	SVCE
33	Prabhu B	II	Civil	SVCE
34	Giridharan V	II	Civil	SVCE
35	Natraj R	II	Auto	SVCE
36	Ragul S	II	Auto	SVCE
37	Akash P	II	IT	SVCE
38	Lokeshwaran R	II	Civil	SVCE

39	Varun babu C S	II	Civil	SVCE
40	Nithila M	III	Civil	SVCE
41	Swathi A	II	IT	SVCE
42	Indhumathi A P	I	CSE	SVCE
43	Tanisha S	I	ECE	SVCE
44	Karunya D	I	ECE	SVCE
45	Lavanya P	I	ECE	SVCE
46	Janani V	I	AIDS	SVCE
47	Haarani R	I	AIDS	SVCE
48	Ashika Haseen S	I	AIDS	SVCE
49	Fathima afreen M	I	AIDS	SVCE
50	Aravintakshan N G	II	Civil	SVCE
51	Jai siddarth A	II	Civil	SVCE
52	Rekha R	II	Civil	SVCE
53	Muthumathi S	II	Civil	SVCE
54	Mohana Priya S	II	Civil	SVCE
55	Kishorkumar Haribabu	I	Civil	SVCE
56	Rooban Yoga	I	Civil	SVCE
57	Jithendar Krrish S	I	Civil	SVCE
58	Kesava Rakash	I	Civil	SVCE
59	Aravind Kumar	I	Civil	SVCE
60	Abdul Rahman	I	Auto	SVCE
61	Mohamed Askar Meeran	I	Auto	SVCE
62	Ram kumar	I	MAR	SVCE
63	Gopinath G	I	MAR	SVCE
64	Akash M R	I	Civil	SVCE
65	Kamaleshwaran R	I	Civil	SVCE

SUMMARY OF THE FEEDBACK

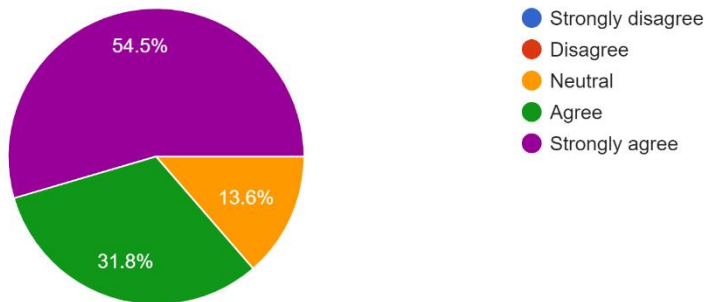
How would you rate this workshop?

22 responses



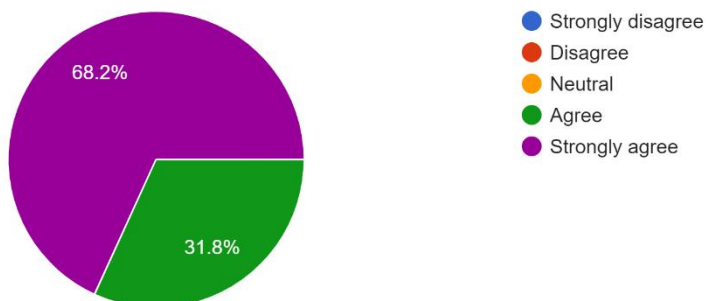
The workshop is very useful.

22 responses



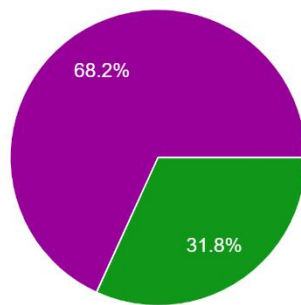
The workshop is well organised

22 responses



All queries have been addressed

22 responses



Additional comments/feedback from participants:

- Very usefull session to know about concrete 3D printing
- good
- Well
- Need more Workshops like this... this workshop was quite inspiring!
- workshop was usefil
- Wonderful Topic
- Need more workshop like this.
- Need more practical workshops
- Conduct more useful workshopa
- Conduct more work shop
- Keep conduct workshop like this in future

Prepared by

Mr. Raghavendra B/ Mr. Kalaivannan R

General Secretary/Faculty Coordinator

Civil Engineering Association

Verified by

Dr. R. Kumutha

Head of Department

Civil Engineering Department