

CHRIST (Deemed to be University), Bangalore
School/Department of Architecture

Activity Report

General Information

Type of Activity	Workshop
Title of the Activity	Hands-on Workshop for Skills Development - The Blue Tarpaulin - 2021
Date/s	4th, 5th & 6th Dec 2021.
Time	9:00 A.M – 5:00 P.M
Venue	Devadan Block, Kengeri Campus, Bengaluru, CHRIST University.

Speaker/Guest/Presenter Details

Name	Prof. V.R.Shah
Title/Position	Visiting Professor
Organization	CEPT University, Ahmedabad
Title of Presentation	Component Design and Details
Name	Prof. Mangesh Belsare
Title/Position	Visiting Assistant Professor
Organization	CEPT University, Ahmedabad
Title of Presentation	Form and Space

Participants profile

Type of Participants	Student/Faculty/Research Scholar
No. of Participants	64

Synopsis of the Activity (Description)

Highlights of the Activity	During the active long design studios, students developed their prototype, inserted functionality to it, modified the design further and transferred all design onto architectural drawings. Discussions at three separate stages were conducted to help each student develop the design for cookhouse on a portable cart.
Key Takeaways	1. Several models were created for tensile and for folded structures. Models in the form of photos on black tinted sheets were documented by each group. 2. Students had improved understanding about role of material in design, what various forces are involved in structures and how designs may be transformed from concept to habitable spaces.
Summary of the Activity	For all three days, lectures were delivered wherein Tarpaulin as a material was introduced on the first day, followed by


	<p>components of design and its detailing, followed by form and space. During the group works teams created their first stage and second stage iterations for tensile and folded structures using cartridge sheets, butter sheets, mount board, barbeque sticks, water+soap+glycerin solution. These were further discussed to understand limitations of the design and how it may be improvised. Human figures in mount board were also created and pasted in the models to refer to anthropometry. Works were presented</p>
Follow-up plan	<p>Of the many models each group came up with a prototype model. 3 tensile and 4 folded structure prototypes were selected for further explorations.</p>


Report prepared by:

Name of the Organiser	Prof. Reshu Gupta
Designation/Title	Assistant Professor
Signature	<i>Reshu Gupta</i>

Annexure:

1. Resource Person Profile :

1.	Professor Vinod R Shah	
	Visiting Professor, Master of Engineering Design, CEPT University, Ahmedabad	
	Contact information Mail: profvrshah@gmail.com	
<p>Professor Vinod R Shah is a CEPT Alumnus and teaches at the Faculty of Architecture. Also, he is one of the managing directors of Vinod Shah Consulting Engineers Private Limited, Ahmedabad. He has been into practice and also been an active academician for over 30+ years.</p>		

2.	Ar. Mangesh Belsare	
	Visiting Assistant Professor, CEPT University, Ahmedabad.	
	Contact information Ph: +91 8141302132 Mail: mangeshbelsare@gmail.com	
<p>Ar. Mangesh has graduated as an Architect from BKPS, Pune and has a master's degree in Sustainable Architecture from CEPT University, Ahmedabad.</p> <p>Since 2010 he has been practicing professional. His works include discrete housing projects and individual bungalows and interior works. Since 2018, he has had the privilege of working with Neelkanth Chhaya Architects. He is the project Architect for Vishwagram Project at Mehsana.</p>		

As an academican, he has been a visiting faculty with various institutes including CEPT University, Nirma University, SEDA, Indus University, Kalol Institute of Architecture, BDCOA and Aayojan – Pune.

He has been involved in teaching and developing subjects like Climate Responsive Design, Day lighting Design, Fundamentals of Structures, Building Construction and Materials, Sustainable Design, Passive and Energy Efficient Design, Renovation and Alteration. Also, he has been a research assistant with Vinod Shah Consulting Eng. Pvt. Ltd.

Furthermore, Ar. Mangesh's paper was selected at the international conference – Healthy Cities, 2011 and he has participated in Oikos Asia Meet, Jan 2012. Besides various teaching training programs he has conducted several workshops. His training programs focus on innovative teachings of technical subjects in architecture curriculum. He has been an instructor for Training programs for bamboo artisans at Vaghai, Dang organized by Eklavya Foundation, Ahmedabad, 2019.

Moreover, he has acquired certified knowledge in 3D Bamboo, Designing with Compressed Stabilized Earth Blocks, Photorealism and Theatre.

2.Photos of the Activity :



Fig 1-Learning to design tensile structures via model making and experimentation. Fig2 - Model making workshop during Discovering Design Studios.

3.Attendance list of participants :

Attendance:

Present: P, Absent Ab

S.No	Participant Name	DAY - I		DAY – II		Day - III	
		F. N.	A. N.	F. N.	A. N.	F. N.	A. N.
1	Dr. Anitha Suseelan	P	P	P	P	P	P
2	Ar. Elsa Anna Simon	P	P	P	P	P	P
3	Ar. Shyam Gandhi	P	P	P	P	P	P
4	Ar. Nimisha Varghese	Ab	Ab	Ab	Ab	P	P
5	Ar. Reshu Gupta	P	P	Ab	Ab	P	P
7	Ar. Venkata Janardhan	Ab	Ab	Ab	Ab	P	P
8	Abhishek Thomas	P	P	P	P	P	P
9	Elbin Eldho	P	P	P	P	P	P
10	Elton Roy	P	P	P	P	P	P
11	Joshua Jerome	P	P	P	P	P	P
12	Manas Bajaj	P	P	P	P	P	P
13	Russell Fernandes	P	P	P	P	P	P
14	Sagar Nisarga	P	P	P	P	P	P
15	Sujai George Shaji	P	P	P	P	P	P

16	Victor Gire	P	P	P	P	P	P
17	Willams K J	P	P	P	P	P	P
18	Anna James	P	P	P	P	P	P
19	Carol Rose Francis	P	P	P	P	P	P
20	Hanna Mathew	P	P	P	P	P	P
21	Jisha Mariam Cherian	P	P	P	P	P	P
22	Joanna Mariam M	P	P	P	P	P	P
23	Jyotsna Rose	P	P	P	P	P	P
24	Manvi Jain	P	P	P	P	P	P
25	Sherral Zacharia	P	P	P	P	P	P
26	Sheryl Christy	P	P	P	P	P	P
27	Yadama Kavya Sri	P	P	P	P	P	P
28	Stuti Agrawal	P	P	P	P	P	P
29	Mayank M Kashyap	P	P	P	P	P	P
30	Thanusri B	P	P	P	P	P	P
31	Rishi Raj Mukhia	P	P	P	P	P	P
32	Rishith B P	P	P	P	P	P	P
33	Lavanya Chauhan	P	P	P	P	P	P
34	Tejitha Kishore	P	P	P	P	P	P

35	Kritika Gurung	P	P	P	P	P	P
36	Chris Vipin	P	P	P	P	P	P
37	Karishma Devasia	P	P	P	P	P	P
38	Subin Seby	P	P	P	P	P	P
39	Ansel Biji	P	P	P	P	P	P
40	Amala Benedict	P	P	P	P	P	P
41	Aditi N Rao	P	P	P	P	P	P
42	Ajith V V	P	P	P	P	P	P
43	Akshaya U	P	P	P	P	P	P
44	Anhal Muhammed	P	P	P	P	P	P
45	Ankith S	P	P	P	P	P	P
46	Ann Anjali B	P	P	P	P	P	P
47	Aparna T	P	P	P	P	P	P
48	Garima Sehrawat	P	P	P	P	P	P
49	Gatikh Manuthodiyil	P	P	P	P	P	P
50	Harshitha N A	P	P	P	P	P	P
51	Ishitha Singh	P	P	P	P	P	P
52	Paawana Raj	P	P	P	P	P	P
53	Prajwal G	P	P	P	P	P	P

54	Sanskriti Newar	P	P	P	P	P	P
55	Shreya Suresh	P	P	P	P	P	P
56	Shruti Shukla	P	P	P	P	P	P
57	Shriya Gupta	P	P	P	P	P	P
58	Ozam Akhtar	P	P	P	P	P	P
59	Aishwarya K	P	P	P	P	P	P
60	Vaishnavi Priya	P	P	P	P	P	P
61	Yohan Ignatius	P	P	P	P	P	P
62	Aroma Shakya	P	P	P	P	P	P
63	Axel Joel R	P	P	P	P	P	P
64	Femina Ashi J	P	P	P	P	P	P