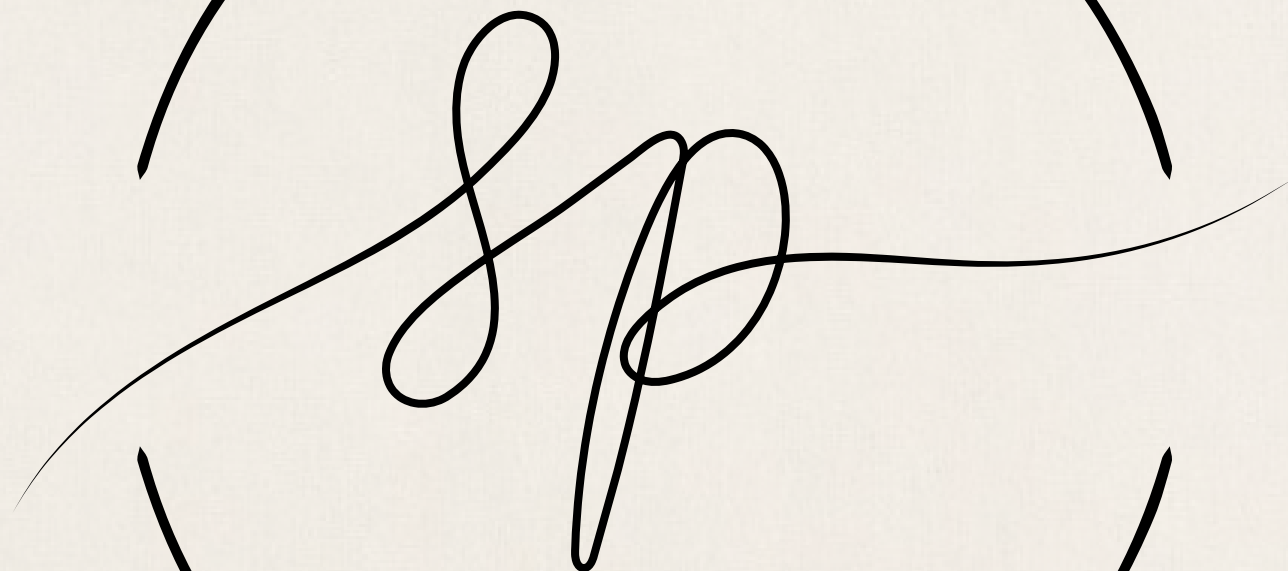


SHRUTI POOJARY



PORTFOLIO 2023

HEY!

I'm Shruti Poojary



A third year Environment & Space design student hailing from Mumbai.

In my belief, Interior Design is a force that influences contemporary culture. It goes beyond aesthetics to consider the total sensory experience of the user or users of the space.

I try to place the needs and experiences of people at the center of my design approach since I consider my own personality to be empathic.

My ultimate objective is to develop a design that adds value to millions of people, thus I want to learn about it practically and become a good conscious designer.

SOFT SKILLS

Organised
Approachable
Teamwork
Empathetic

TECHNICAL SKILLS

Autocad
Sketchup
Lumion
Adobe Indesign
Adobe Photoshop
Microsoft Office

INTEREST

Yoga
Meditation
Reading
Film Enthusiast

EDUCATION

St Paul's Highschool
(Primary Education 2018)
Patkar Vardhe College
(Secondary Education 2020)
GLS Institute of Design
(Pursuing 2020-2024)

☎ 8657417940

✉ shrutixpoojary@gmail.com

CONTENT

- 01 H2wood
Parametric Design
- 02 Circumflex
Surface Generation
- 03 RIYASAT
Retail Design
- 04 Design Efficency
Commercial Design
- 05 Miscellaneous

01

H2WOOD

Duration:

3 weeks

Aim:

This course was to enhance experiment based learning of students with introduction and interaction with different materials. The focus here was to comprehend intangible properties.

Group project

Ideation. Process. Final



Abstract:

To create a double curved surface by exploiting and contradicting the existent physical properties of a material and permitting it to take its shape using the method of generative design under parametric design.

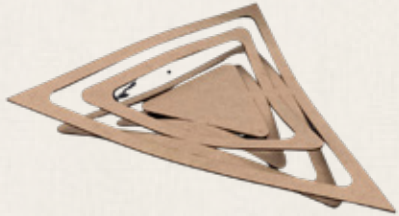
Method Used; Kirigami and Hygroscopy

The Process:

- A CAD drawing was made as per the aim of the experiment.
- The composed work was laser cut with slits on MDF of width 18mm.
- The entity was soaked in water at room temperature (24° C) for 10mins each.
- Bamboo sticks were cut in various sizes ranging from 10mm to 120mm and fixed onto the soaked slit.
- After drying them overnight in an enclosed space, the sticks were removed and observation was noted.



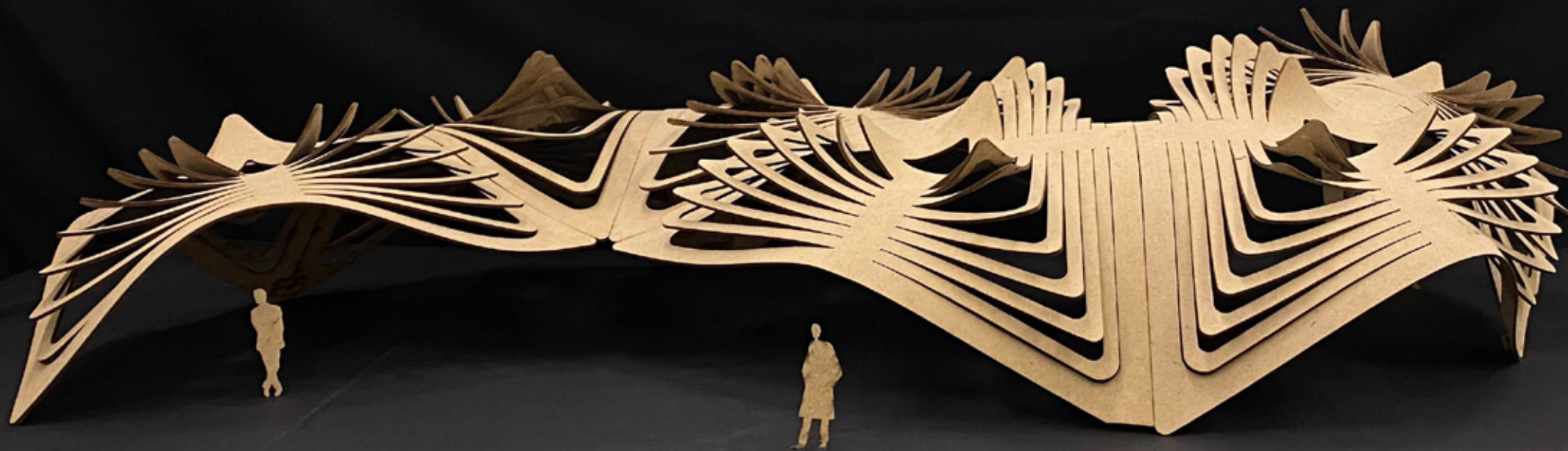
Explorations

	Type	Constants	Variable	Inference
	Rectangular angular growth	Size and orientation of slits, size of sticks	Size of rectangle base, slit, inter and intra gap, and time of soaking MDF.	30° gives a strong curvilinear structure.
	Rectangular angular	Size of rectangle base, slit, inter and intra gap, time of soaking	Orientation 90° and size of slits and height of sticks.	Broader slits lesser individual curve but gradual surface curve
	Triangular development	Size of the triangular base, inter and intra gap, time of soaking MDF	Orientation, size of slits and height of sticks (decreasing)	Symmetry in base shape and slits nullify curves
	Triangular development	Size of the triangular base, inter and intra gap, time of soaking MDF	Orientation, size of slits, fillet arc joining them, and height of	Lesser arc curve and more linear slits are preferred.

Group project

Ideation. PROCESS.. Final

FINAL MODEL



Group project

Ideation. Process. FINAL

02

Circumflex

Duration:

3 weeks

Aim:

The goal of this course was to design surfaces that connect with the user and fit in environments that are functional, artistic, technical, or inspired by any art/craft.

Group project

Ideation. Process. Final



Objective

Design a wall-mounted entry identity for the Ahmedabad Metro Station.

Station chosen : SP Stadium

Location: Kamla Society, Hindu Colony, Navrangpura, Ahmedabad

Footfall Estd. 20,000 per day

Direction- East Facing Facade

Wind direction- South west

Concept

The walls in the selected area were used to advertise political and cultural news on either side of the station's entrance and exit. however because the walls were so long and boring, we wanted to break up the linearity by expanding the available area and make it Directional.



Material Specification



Cement Fibre Board-
10mm thickness

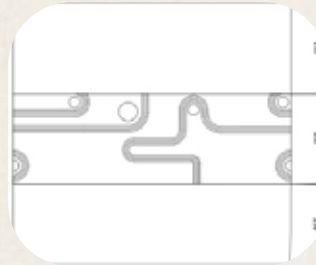


M.S Rod - 10mm
diameter

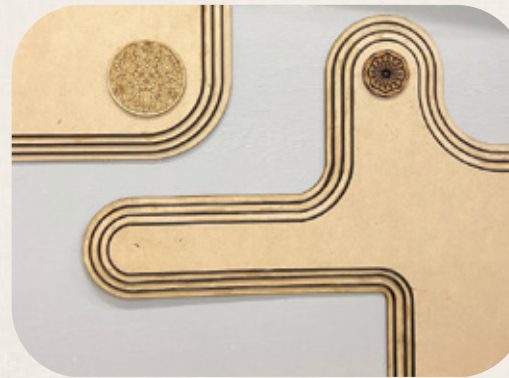
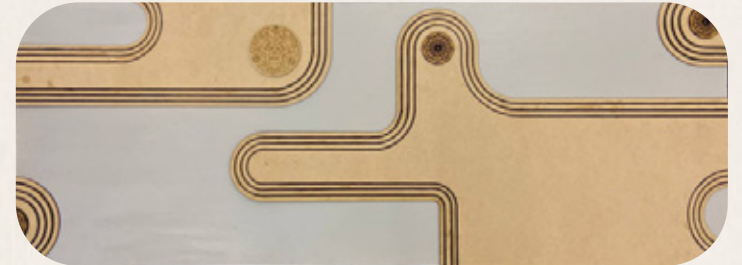
Colour Pallete



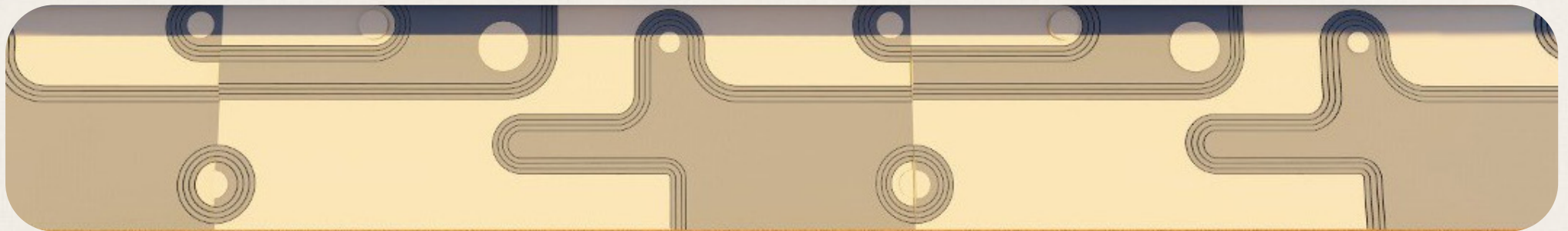
Cad drawing



Prototype



Cement Fibre Board was used to create the background. The elements are 3" from the surface using the layering process, and their directions are shown by M.S. rods. In order to emphasize the cultural roots, traditional motifs were utilized.





Ideation.Process.FINAL

03

RIYASAT

Duration:

4 weeks

About The Brand

A brand with its roots in Jaipur, Riyasat is a retailer of rugs and handicrafts. They only provide artisanal goods including rugs, carpets, and handicrafts for sale.

Individual Project



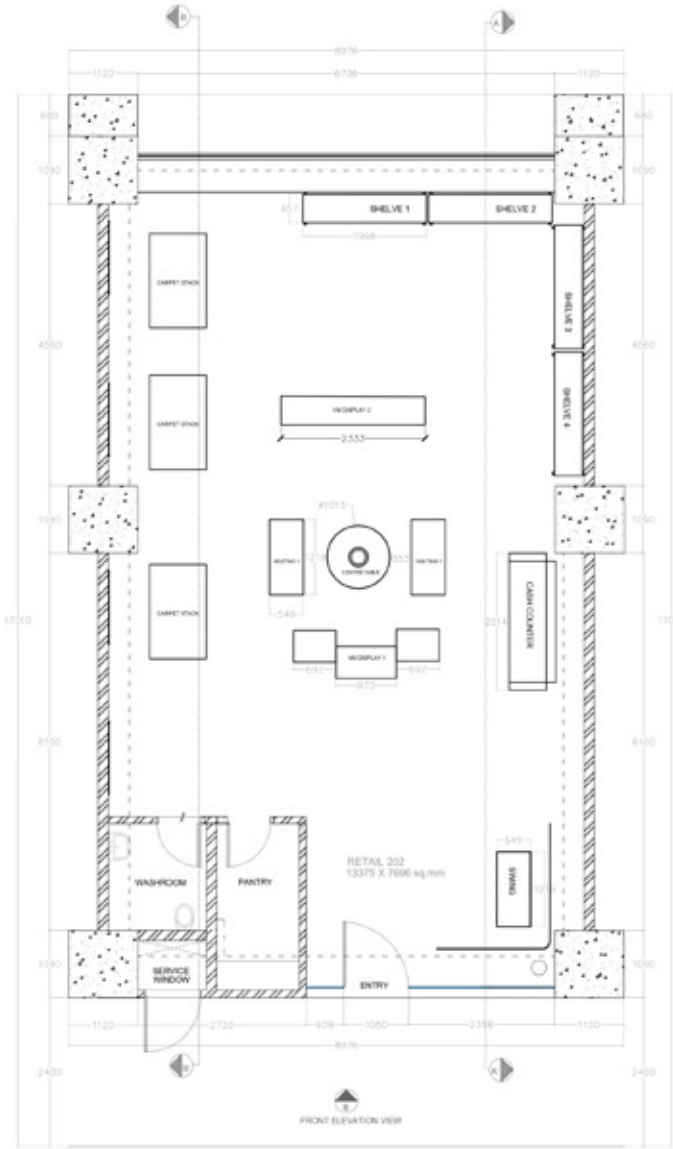
Ideation.Process.Final

Design Concept

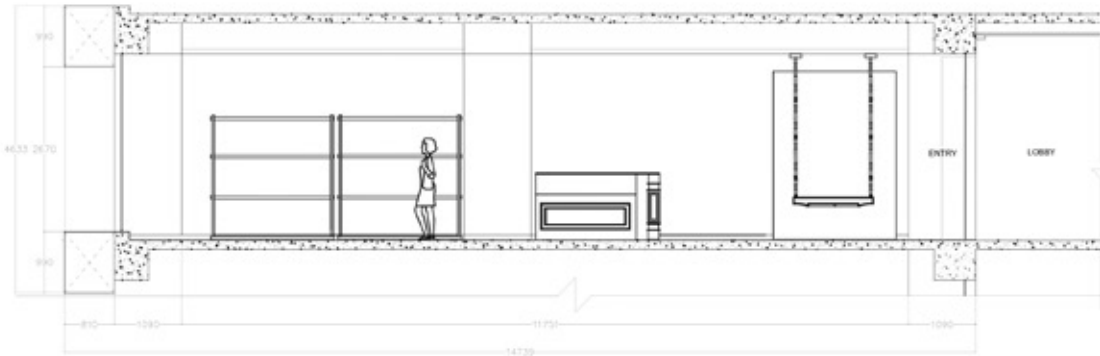
The space would be a combination of rustic and traditional design style. As the product itself will have a lot of colors popping the store will have minimal yet very subtle hint of Jaipur, where the brand comes from. By taking inspiration from Jaipuri motifs and the store will have rustic display systems, contemporary light fixtures so that it compliments and goes well with the color scheme the products have to offer. Special attention is being given to the materials which are relatively low in maintenance but gives a touch of elegance and harmony.



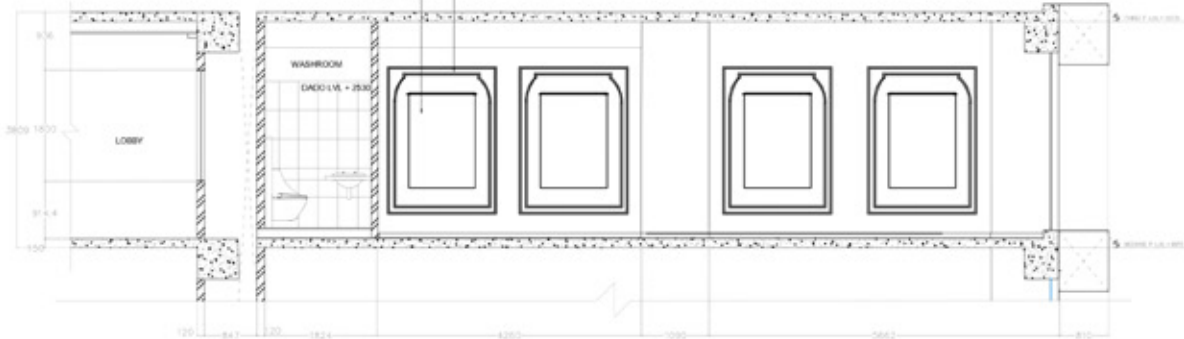
Furniture Layout



SECTION AA'



SECTION BB'



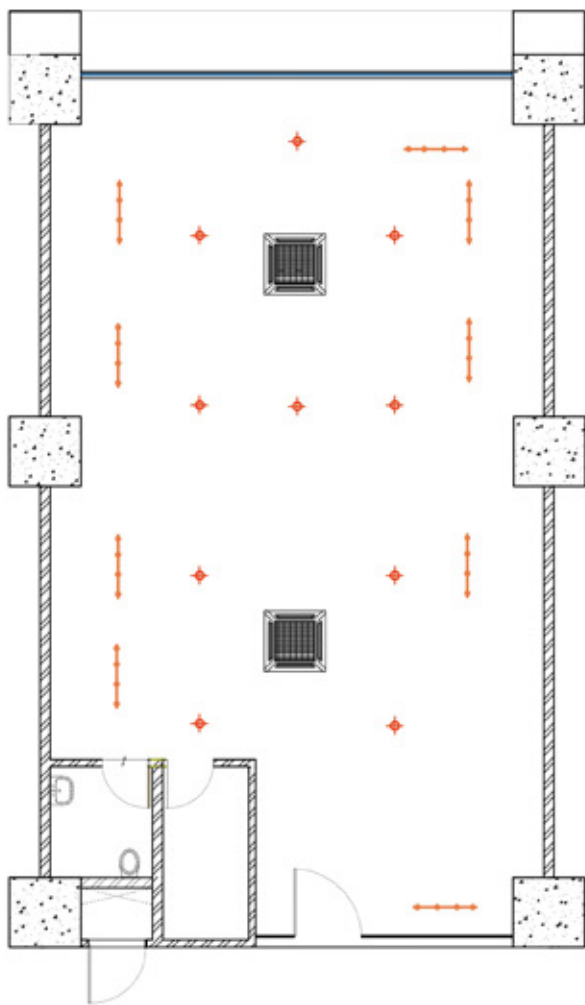
FURNITURE	LENGTH	BREADTH	HEIGHT
ALL DIMENSIONS ARE IN MM			
CARPET STACK	1524	914	-
VM DISPLAY	233	457	1680
SHELVE	1998	457	1889
CASH COUNTER	1900	599	1176
SWING	1219	549	2315

Note-
All measurements are in mm
The Drawings are to read and not to be measured

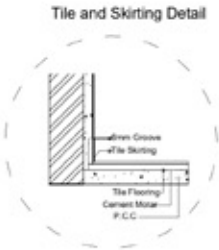
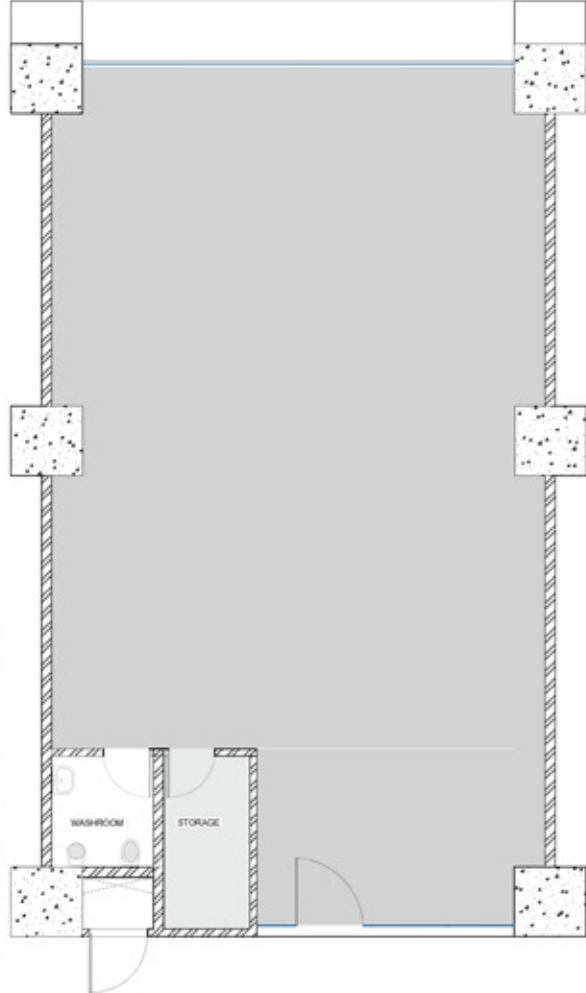


Electrical Layout

Flooring Layout



Specifications				
Name	Symbol	Product Image	Product Code	Watts (W)
Tracklight			DL01-10085	25W
Recessed light			DN311B	14W
Cassette AC 3TR			FKAT1CVM	2000W
Name	Size	Brand	Power	QTY
DaikinCassete Ac	256X340X 840MM	Daikin, LG.	1.27 kW	2



Specifications				
Ref.	Name	Thickness	Size	Brand
	Polished Concrete Tiles	12.7MM	600X1200MM	Orientbell
	Polished Concrete Tiles	12.7MM	300x300MM	Orientbell
	Corzo White Tiles	7.5MM	300x300MM	Orientbell

Note-
All measurments are in mm





04

Design Efficency

Duration:

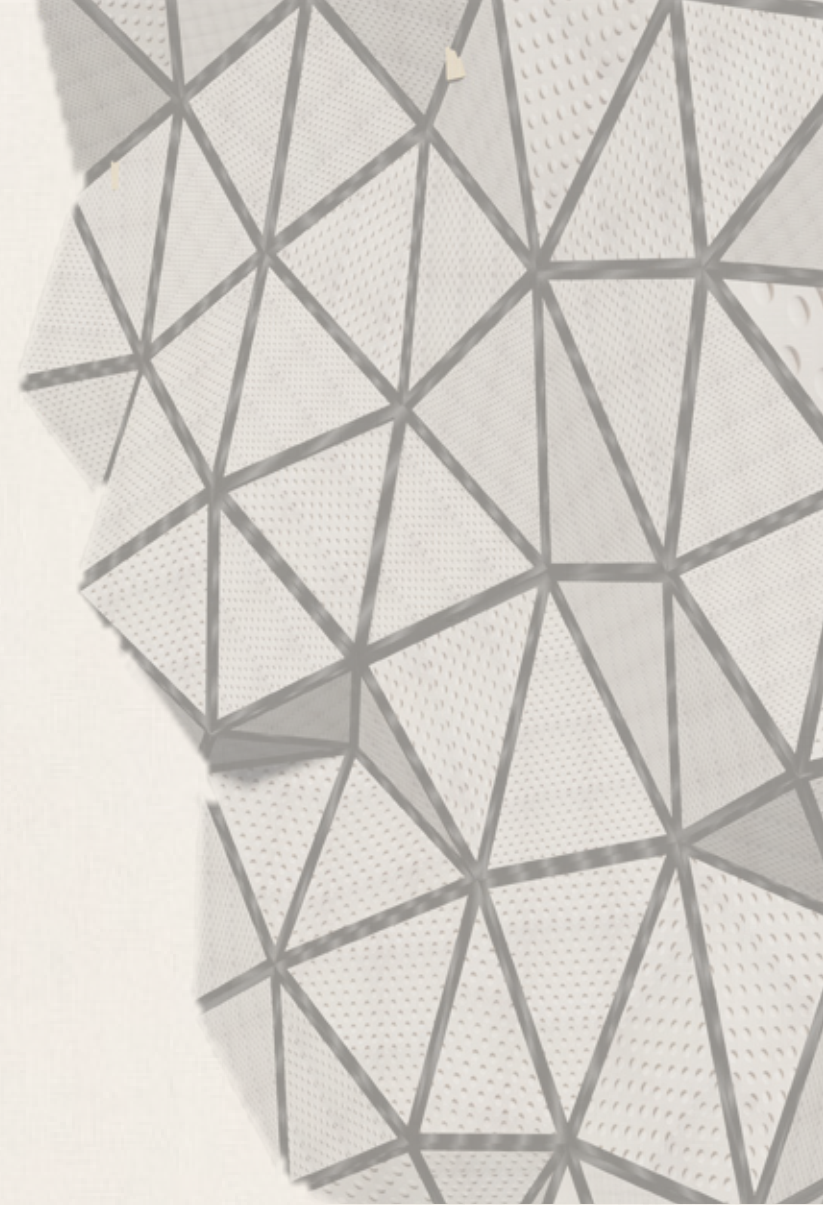
3 weeks

Aim:

To design an acoustic system for a corporate environment that will increase employees' productivity.

Individual Project

Ideation.Process.Final



Objective

Create an acoustic ceiling that will lower the Sound Transmission Index and Sound Pressure

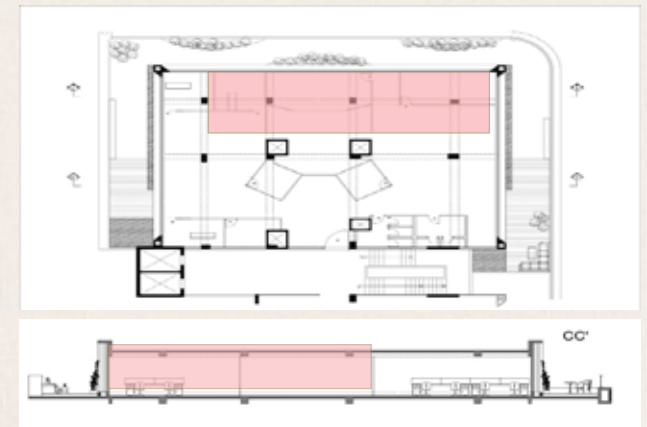
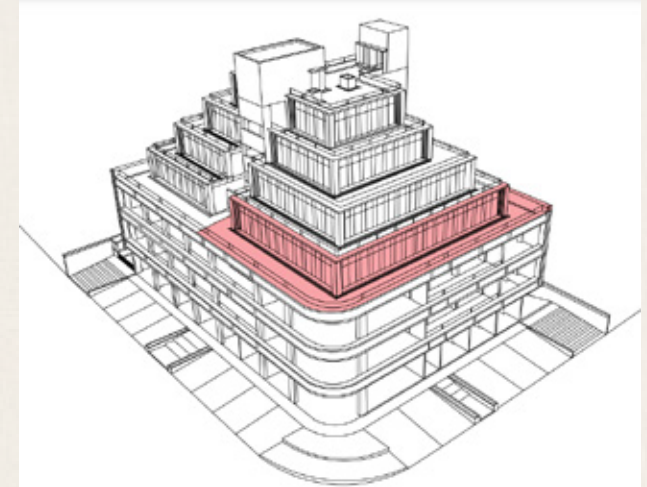
Location: Atlantis One, Sagar sangeet, Cross Rd, Ahmedabad, Gujarat 380060

Building Typology- Commercial

System Chosen- Suspended Ceiling

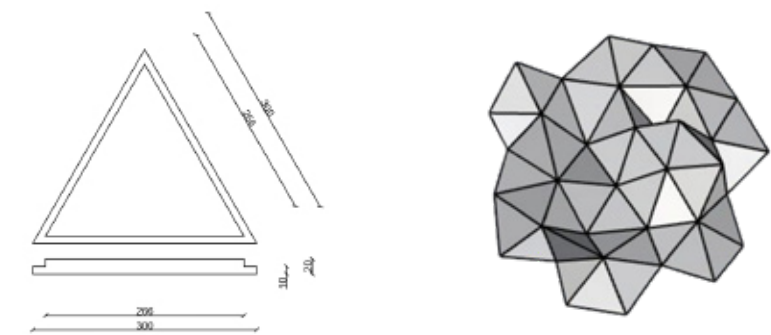
Why Acoustics?

Good acoustics improve speech intelligibility, ensure optimal concentration and reduce fatigue. The creation of an acoustic system that will address this issue can be highly beneficial because productivity and efficiency are essential factors for a workforce that produces their best work in any workspace.



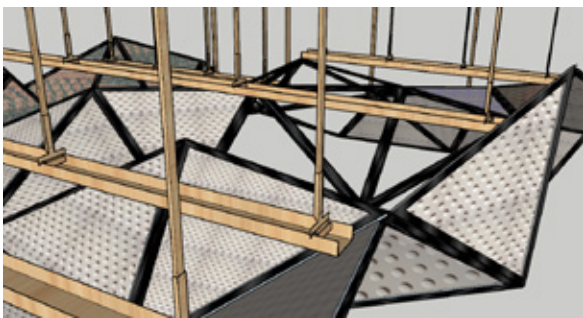
Area Chosen

Exploration for one module



2D Form

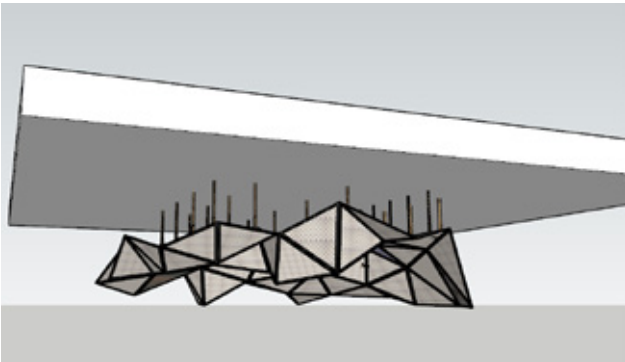
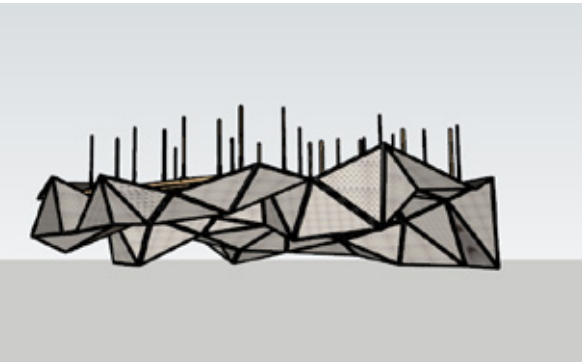
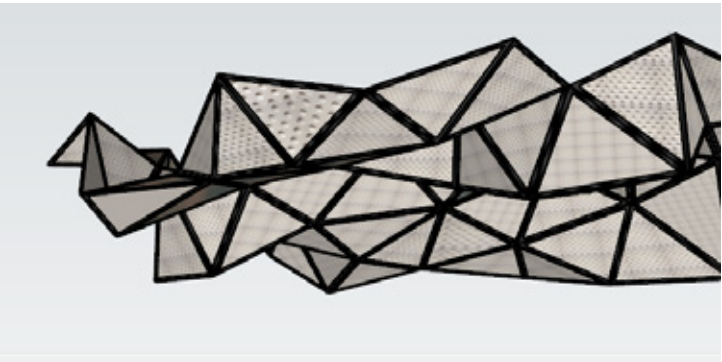
Joinery



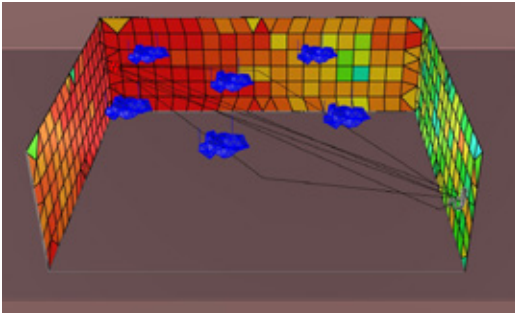
Internal Joinery -Metal frame



External Joinery- Anchor



Material specifications	Material	Size	Thickness	NRC	Cost	SPL
Galvanised Gypsem Perforated	Alluminium	595x595mm	6.5mm	0.8	150 sq.m/	75-85



Analysis done in pachyderm software

SPL Level-75-85

STI Level-0.82

Cost and area analysis

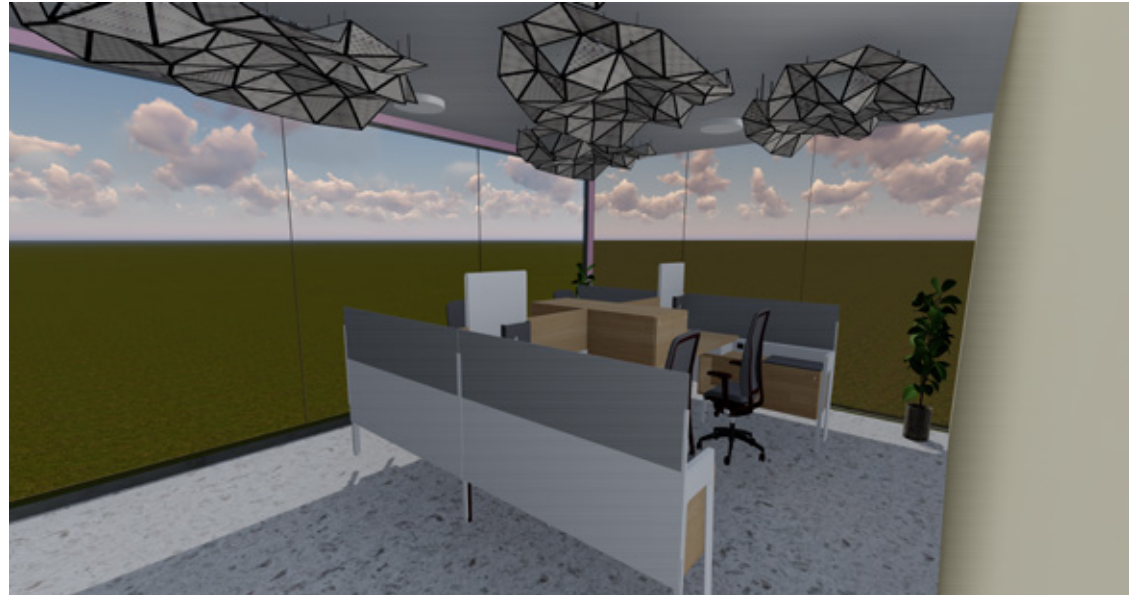
No of modules used- 5

No of triangles used in each module- 75

No of GSP needed - 15

Price for 15 Pieces: 660 Rupees

Area used by one module- 1,95,000sq.mm



Ideation.Process.FINAL

05

WEEKEND WINDOW

Weekend window is a flea market that takes place in Ahmedabad. The festival provides a platform for local artists and small business to showcase thier products

Objective

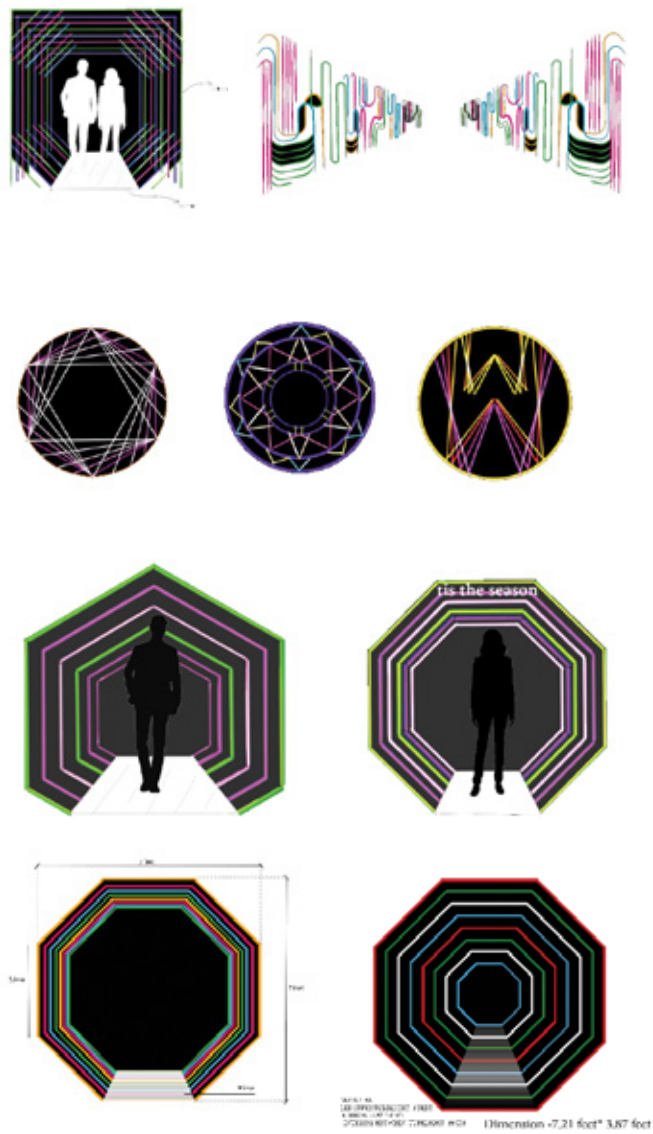
Theme- Psychedelic

Decor team

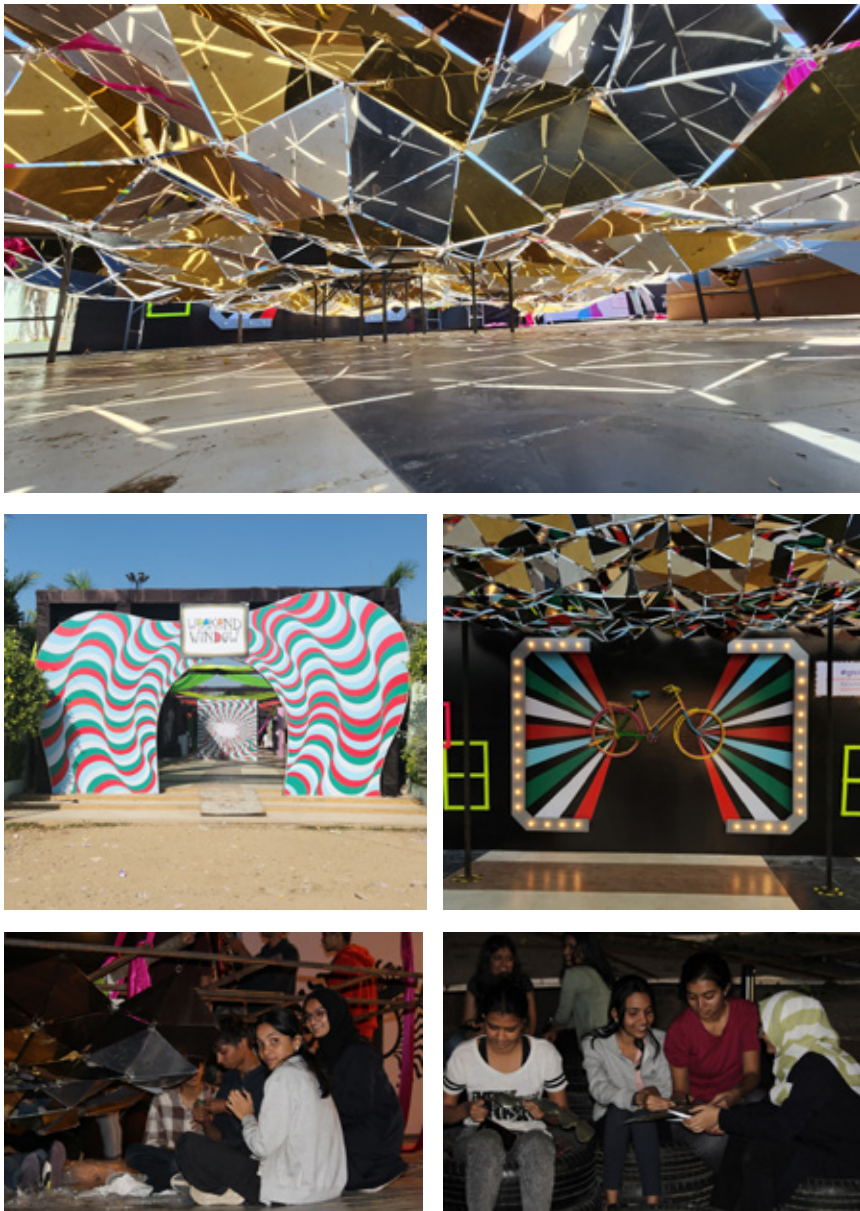
To create photobooths and pathway design from ideation to installation process..



IDEATIONS



FINAL INSTALLATIONS



Space Photography



Prototyping



INDOOR PLAN STAND

Material used - Teracotta Clay

Concept- The objective was to create an indoor plant stand that would collect any extra water that flowed out of the plant's pot after watering it. Instead of the separate plate that we purchase from the market, the water will be collected in a pot between the stands.

THANK YOU

Let's connect

☎ 8657417940

✉ shrutixpoojary@gmail.com

📷 [shrutixpoojary](#)

📺 issuu.com/shrutixpoojary