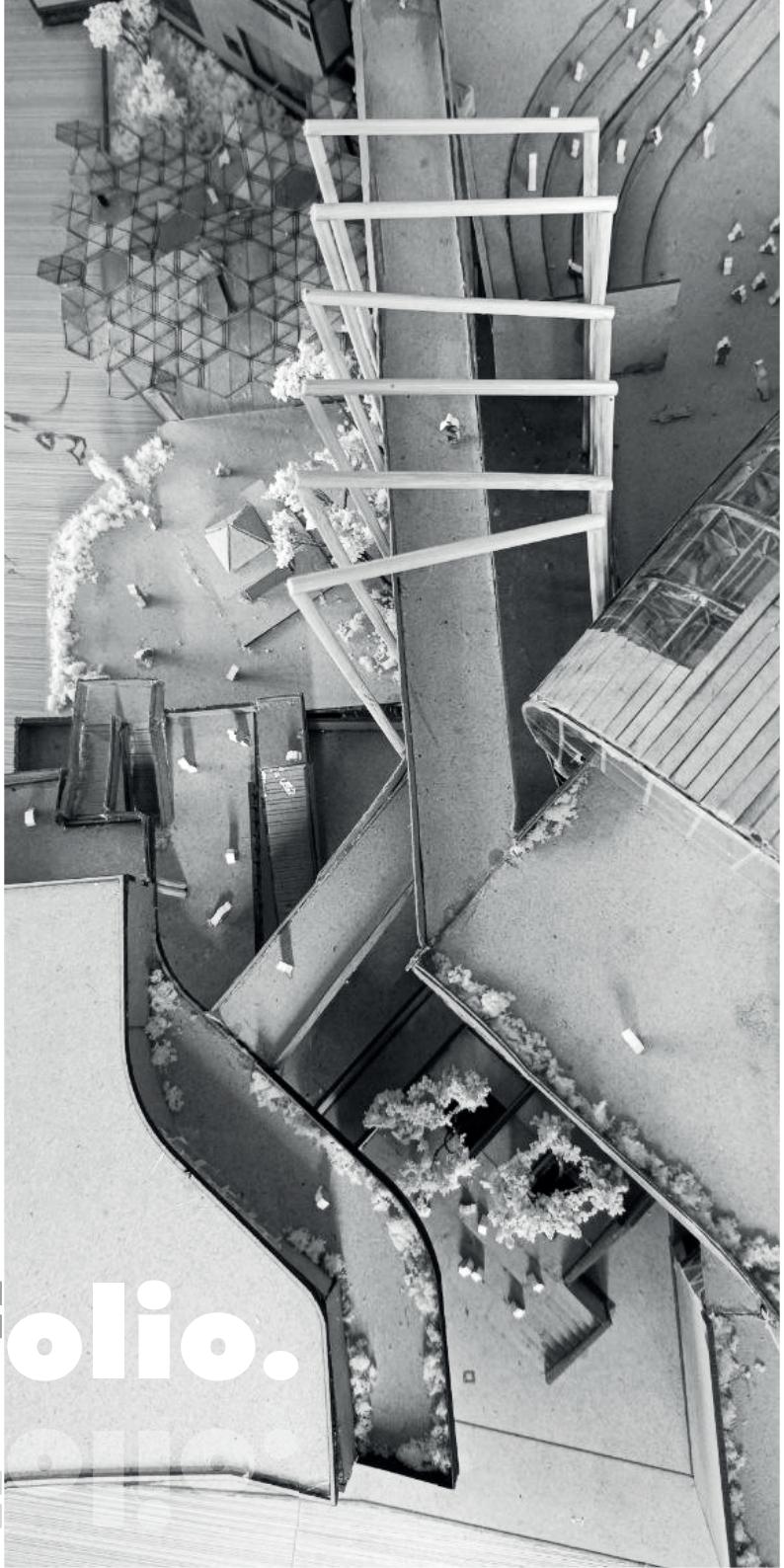


portfolio. boulté



SHUBHANGI GUPTA

Selected works 2019-2024



Shubhangi Gupta

Location : Bangalore, India

Contact No. : 9098876209, 7204711829

Email Id: shubhangig0906@gmail.com

Languages: English, Hindi, Marathi

Hello everyone!! I am Shubhangi Gupta a fresh graduate from KRVIA, Mumbai. Throughout my journey as an architecture student, models and model making are my best friends. I really enjoy the wholesome understanding that models give while designing a space.

I like formal exploration using hands on experiments, sketches and models before moving into a digital medium. I like to put in a lot of effort into every design I create and work hard to achieve the best I can.

I enjoy learning and exploring new skills and would give my hundred percent to cope up with any challenge and responsibility given to me.

I also love exploring art and different art mediums. Painting and sketching are my favorite activities to do and I keep learning more skills to become a better artist. I also like clay modelling and I recently made Ganesha murti at my home for Ganesh chaturthi which has boosted my confidence.

I am a keen listener and always like to complete tasks given in hand and have no troubles sitting for long periods for work and like to manage my time well to complete tasks on time.

EDUCATION

School : Royale Concorde International School, Bangalore

10th Grade - CBSE , 10 CGPA

12th Grade (Science) - CBSE , 95%

College : Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies, Mumbai
(2019-24)

WORK

- + 5 months internship at Collage Architecture Studio, Bangalore
(Presentations, working drawings, details,etc.)

CO-CURRICULAR

- + Rotaract Club Community Sevice Director (2020-2021)
- + Documenting Ahmedabad ,Study Trip (2019-2020)
- + Participated in Organising Inter School Fest -Astra 2017
- + Designed Banner for School Fest
- + House Prefect (Grade 9,11,12)
- + Won 1st place in inter-school nail art competition

COMPETITION

- + Participated in Global Design Competition 2022
(Lata Mangeshkar Chowk, Ayodhya)

WORKSHOPS (Electives)

- + Story to Screenplay
- + Reading Between Images
- + Digital Workflows
- + Reading Heteronormative narratives in visual images
- + Media, Technology and Society
- + Decoding Gated Communities
- + Democratising the Geo- Spatial

SKILLSET

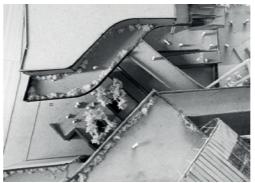
- + Autocad
- + Sketchup
- + Photoshop
- + Indesign
- + Procreate
- + MS Office- Word, Power point,Excel
- + Enscape
- + Vray
- + Archicad (Basic)
- + Revit (Basic)
- + Rhino (Basic)
- + Laser Cut Model
- + Handmade model
- + Clay modeling

INTERESTS

- + Sketching
- + Painting with oils, acrylic, watercolour and exploring new mediums
- + Digital Art
- + Physical Model Making
- + Nail Art
- + Crochet
- + Travelling
- + Fiction Reads
- + Baking

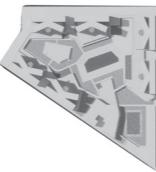
01.

Sanskrit Institue
Architectural Design (Thesis)
Semester 10 | 2023-24



02.

Sangam
Architectural Design
Semester 9 | 2023



03.

Sahyog- A co-learning center
Architectural Design
Semester 6 | 2021-22



04.

Sculpture by the river
Architectural Design
Semester 5 | 2021



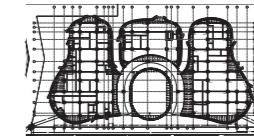
05.

Landscape Ventures
Architectural design
Landscape design | 2021-23



06.

Technical drawings
Working drawings
Internship portfolio | 2021-23



07.

Graphics and Rendering
Academics
Internship | 2021-23



08.

Physical Model
Academic projects
2019-24



09.

Hand-sketches, models and Digital portraits
Artwork
2019-24

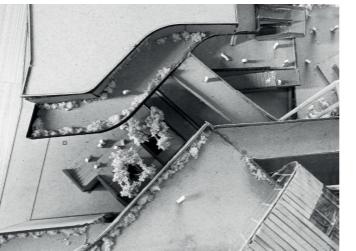


CONTENTS.

01.

Sanskrit Institute

Architectural Design (Thesis) | Semester 10 | 2023-24



The thesis started with the study of the ghats at Prayagraj. Strong influence of the pandas and pujaris was noted for various rituals and practices in and around the ghats. Any confusion, the pujaris are called for clarification of the doubts related to any rituals, be it the final rites for the departed soul or mundan of the new born. They are the so called bearers of the knowledge of the Sanskrit texts and scriptures from the ancient times.

But the times have changed now and every individual in the modern world is as capable to grasp the knowledge. So why is it that the Sanskrit schools and colleges are only attended by the Brahmins who are most probably pursuing it as a legacy wanting to become the next pujari or pandit from the family? Why does Sanskrit language ,which was supposed to be the heritage of India, an ancient language , have very few maintained schools and colleges and lacks various facilities? Would this be the case if it were an English medium school or college where every child aspires to go?

Thus the project is an attempt to make a statement and remind every individual of our country about the heritage which will be lost soon. It is a reminder that most people in our country today still use the language in some form or another everyday (shlokas, Aartis, havans, etc.) but are still confused about the meaning of a lot of words. The project wants to inspire young individuals and give it architecturally an equal status with any modernist English college.

Site 1
Shri Saccha Adyatma SanskritVidyalaya,
Prayagraj



Site 2
Central Sanskrit University,
Prayagraj



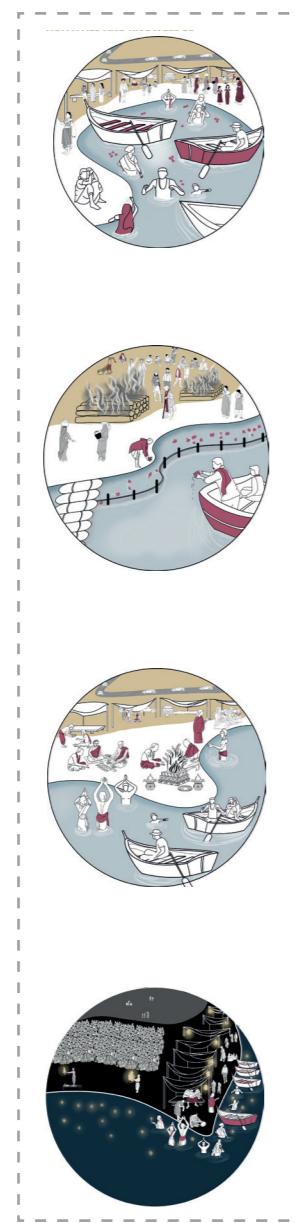
Site 1 is a Sanskrit school and degree college and caters to 500 students from 5th grade up to masters degree and the ashram trust had been planning to increase the capacity to about 800 students. The expansion and location proved to be the strongest opportunities for me to choose this site for an intervention.

Site 2 is recognised by central government of India since Sanskrit is given the Classical language status. It is a PHD research institution. Translation of manuscripts and Thesis works on various works in Sanskrit language are carried out in this institute. It has a huge library open to all for reference but lacks visibility among commoners and thus a public program can be used to activate this space.

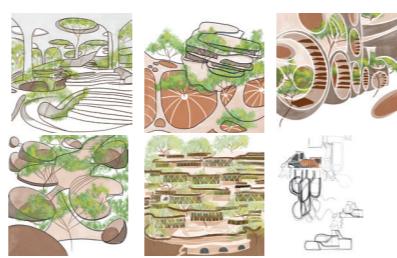
Activities along the ghats through the day.

1. Morning
2. Afternoon
3. Evening
4. Night

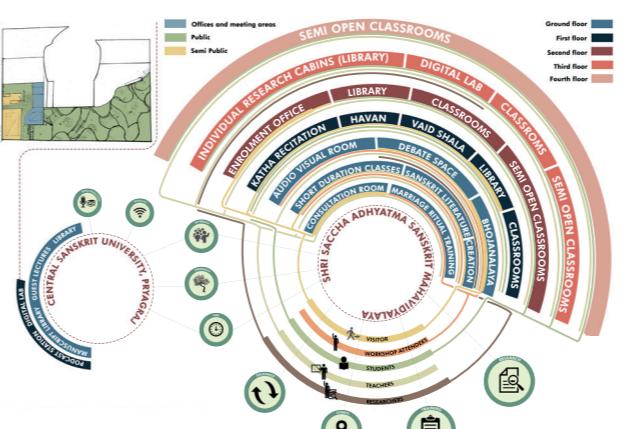
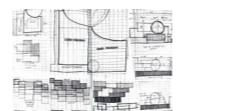
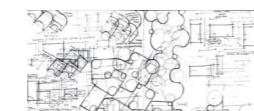
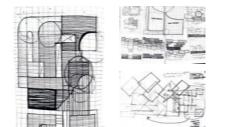
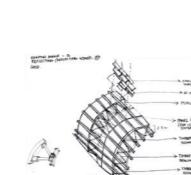
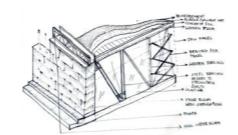
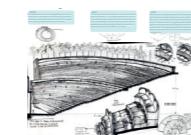
10



Initial concept sketches inspired from terracing, the circular geometry used as the focal point in ancient Sanskrit institutes and ancient amphitheatres and inviting nature within.

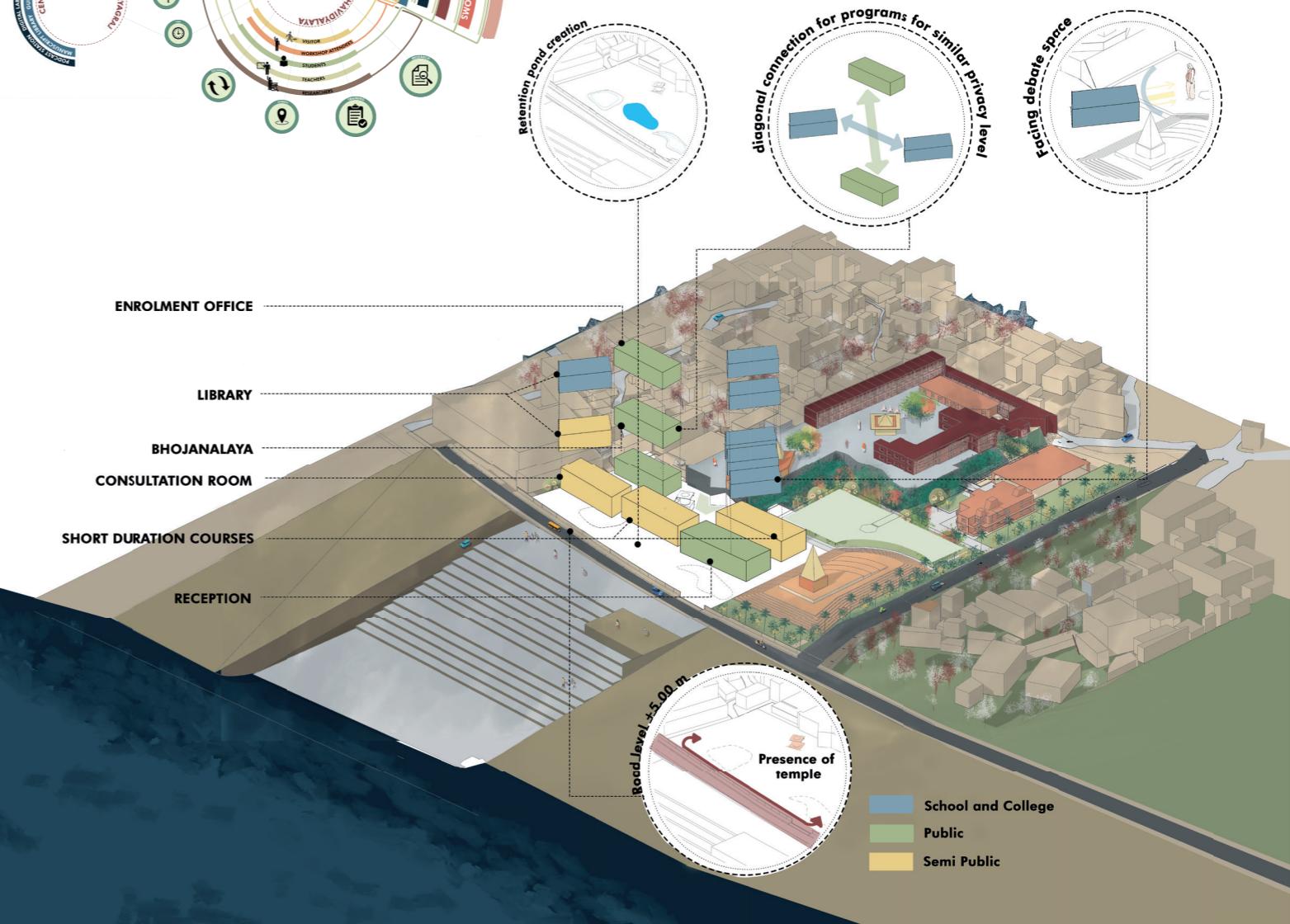


Hand sketches - Design development



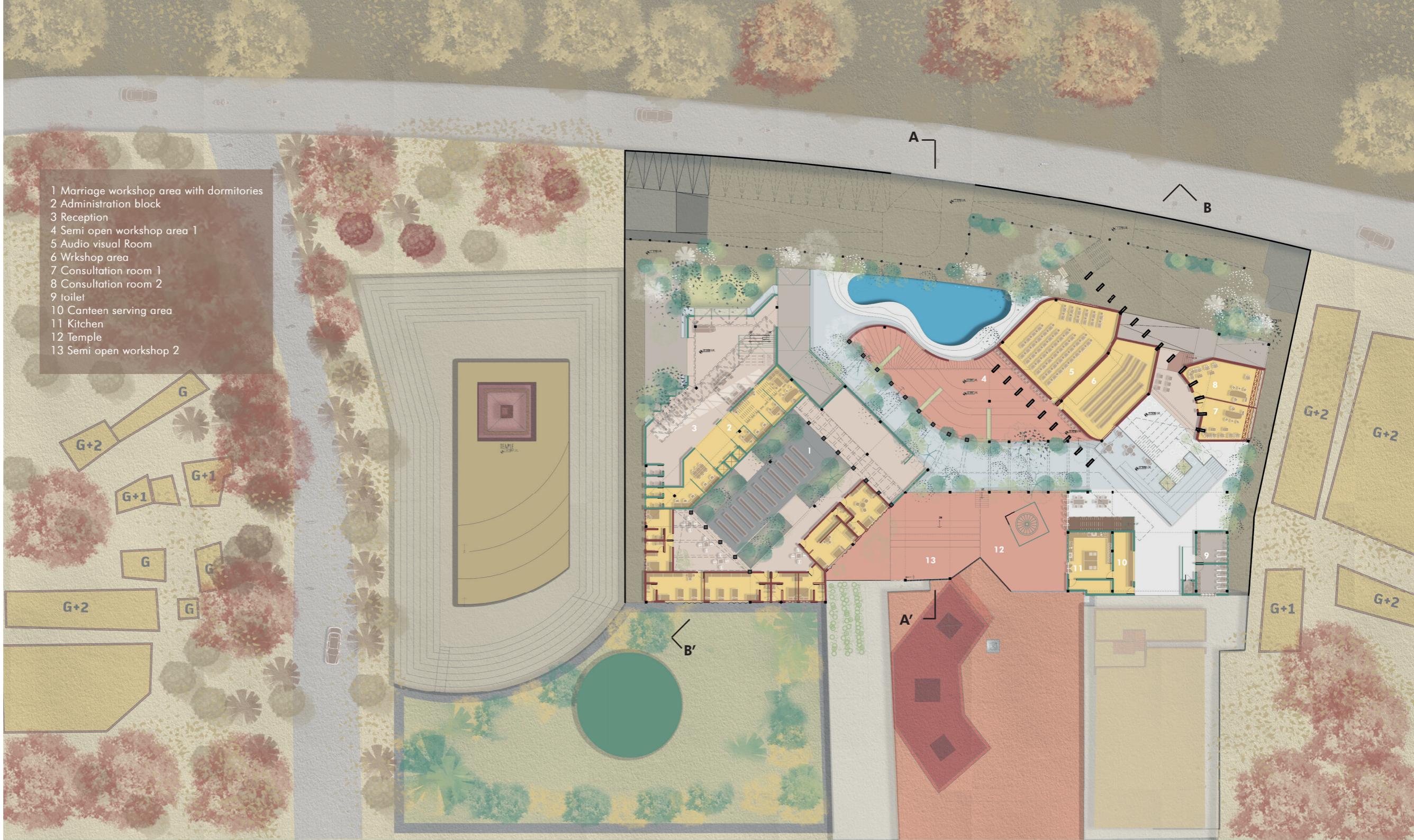
Program and Zoning Diagram

Design was developed keeping in mind the existing site conditions where the road level was 5m above the ground level of site. The public and private zoning was done in a way that the site doesn't get segregated but intermingling of different programs takes place so that the entire site remains lively.



GROUND FLOOR PLAN

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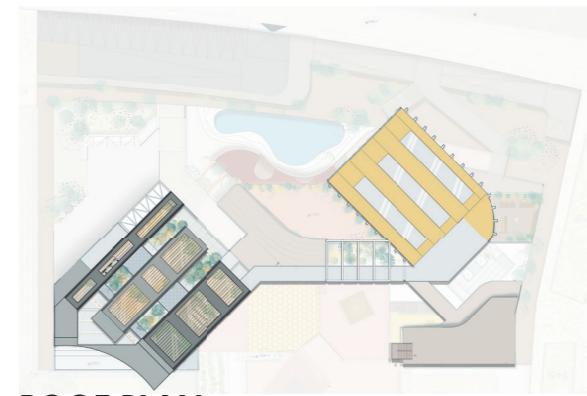
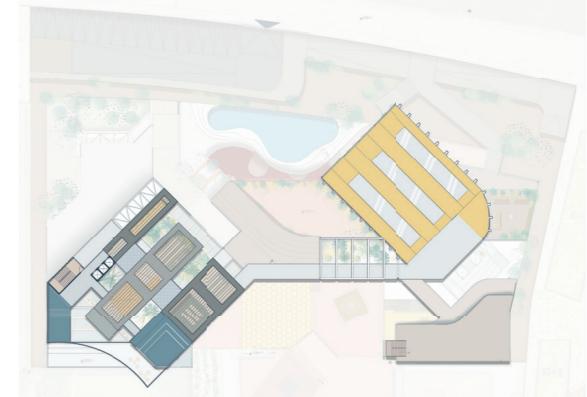
- 1. Lobby
- 2. Staff room
- 3. Semi open classrooms
- 4. Classrooms
- 5. Fire staircase
- 6. Activity area
- 7. Katha recitation and Vaidyashala
- 8. Library
- 9. Outdoor reading space
- 10. Enrolment office



**SECOND
FLOOR PLAN**



- 1. Staff room
- 2. Semi open classrooms
- 3. Classrooms
- 4. Digital Lab
- 5. Fire staircase
- 6. Library





Before



After

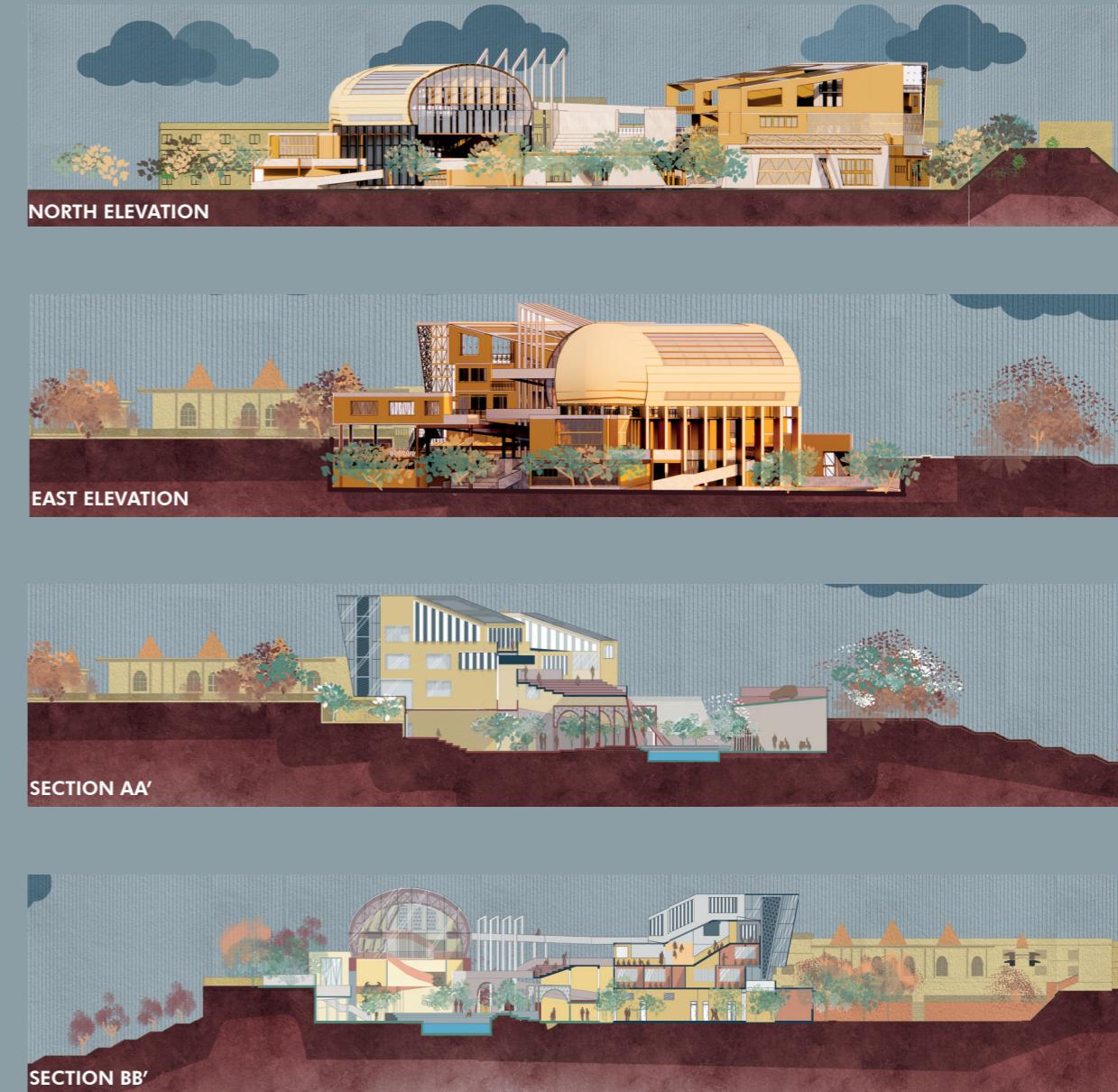
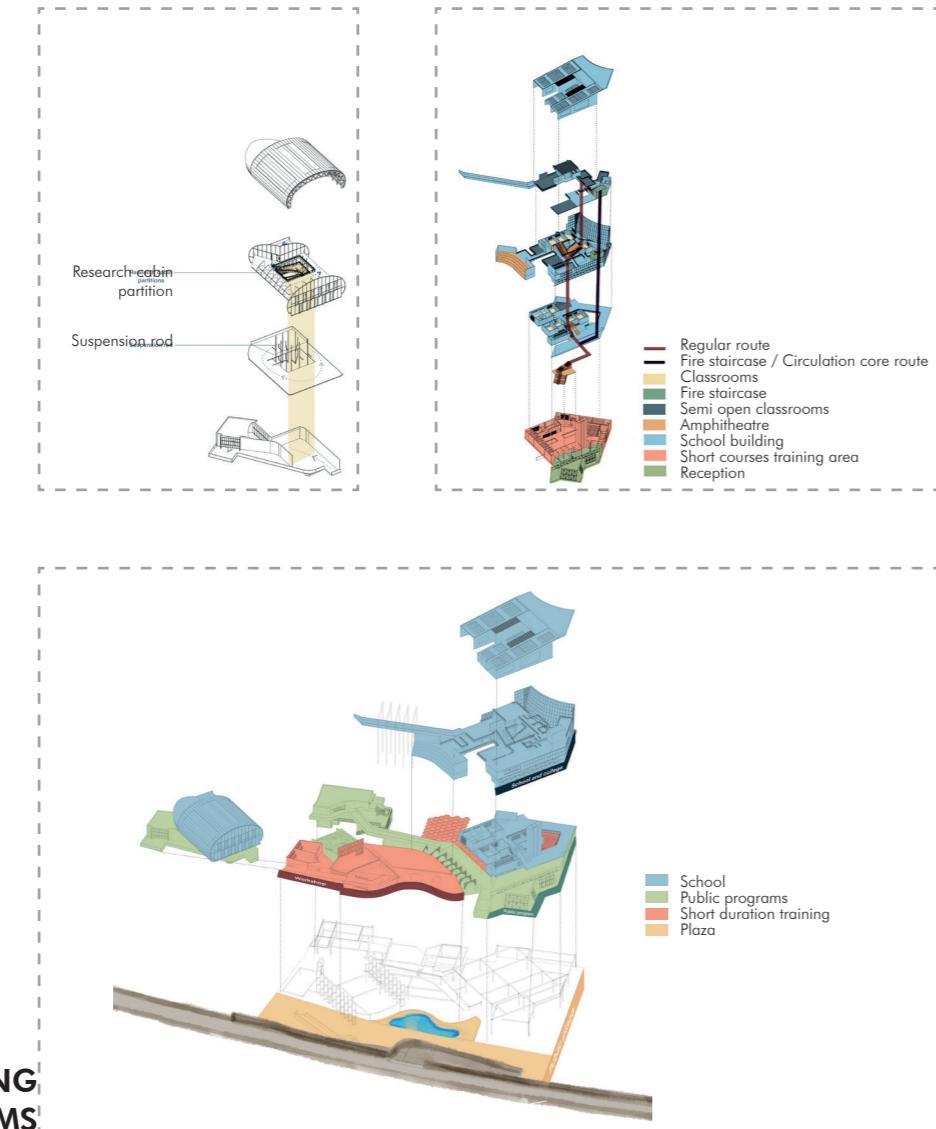
The axonometry describes the building. Each program of the building has been color coded differently and different activities are shown within. Each white bubble shows the view within the building corresponding to the dotted line. The building has been placed within the context.

AXONOMETRIC

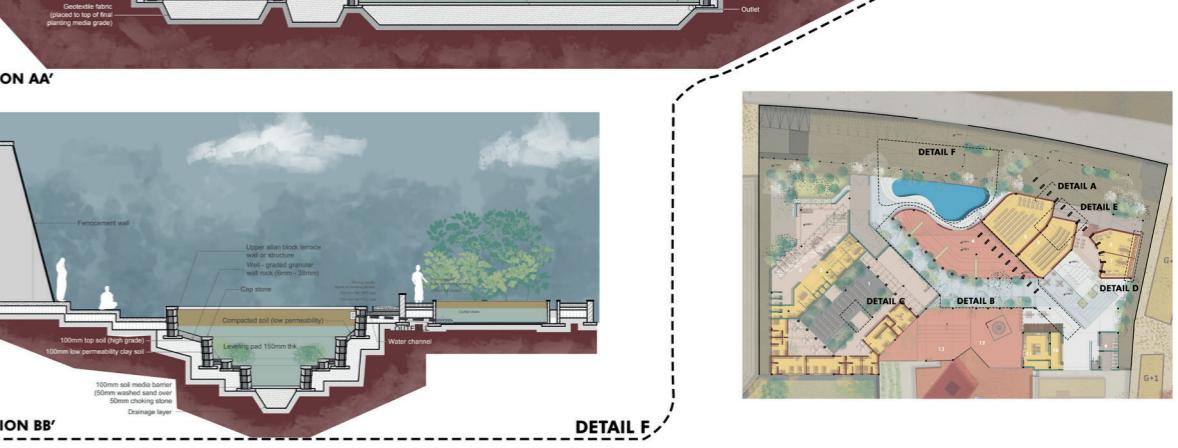
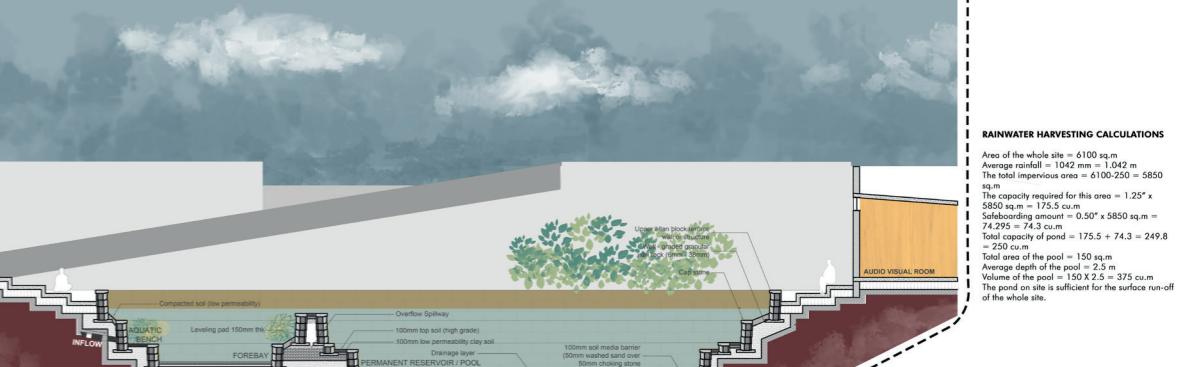
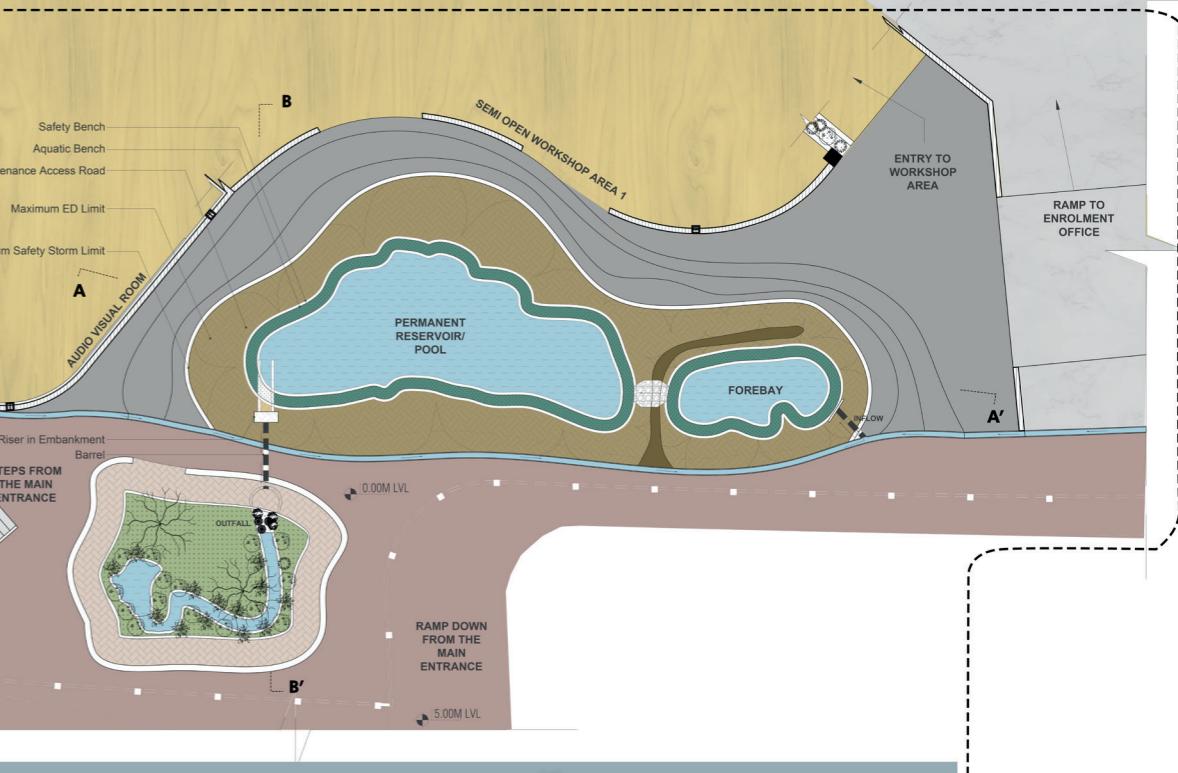
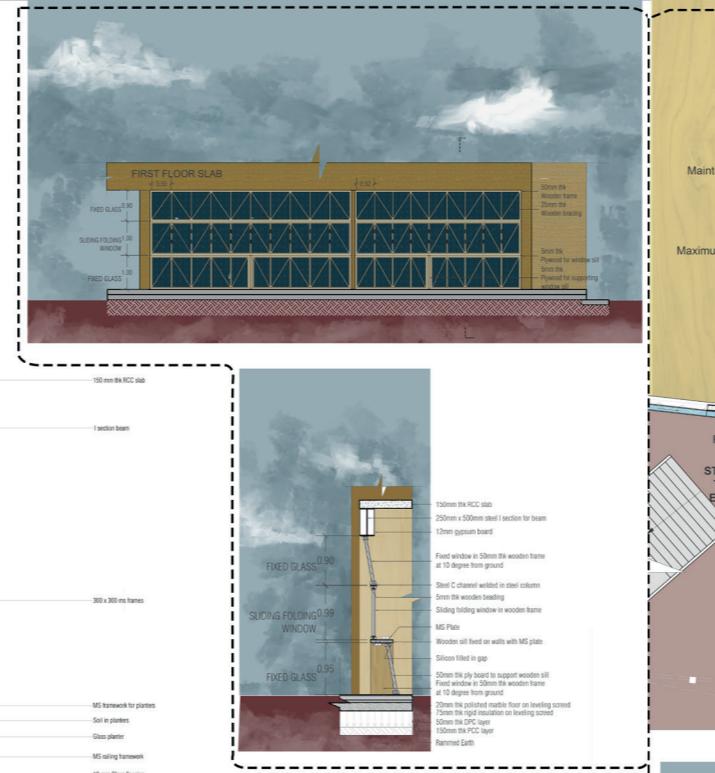
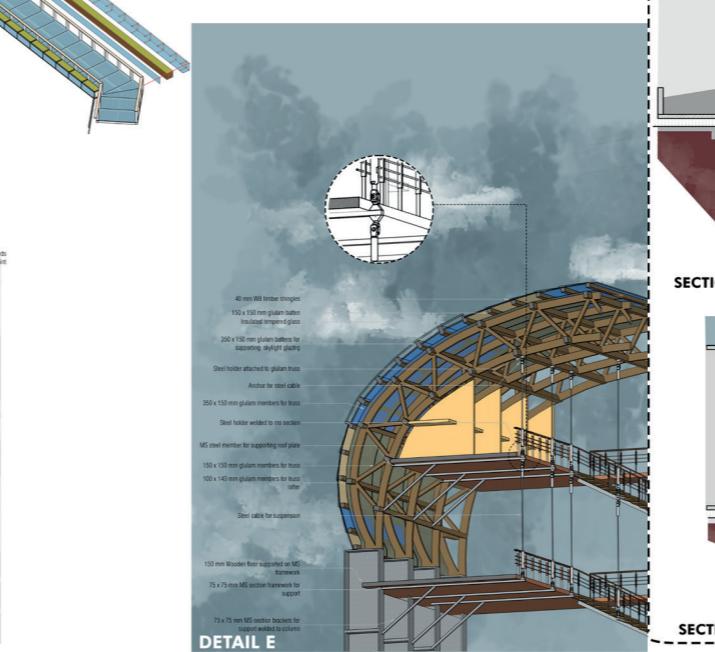
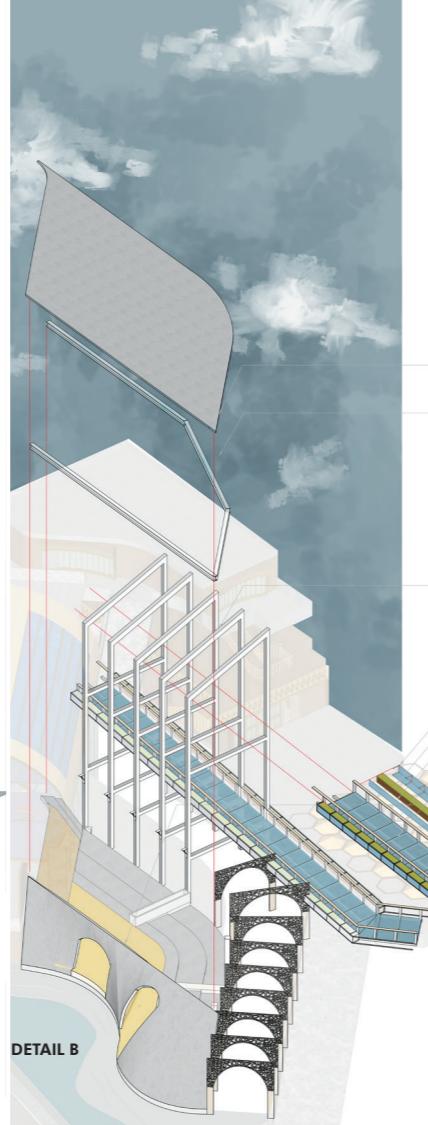
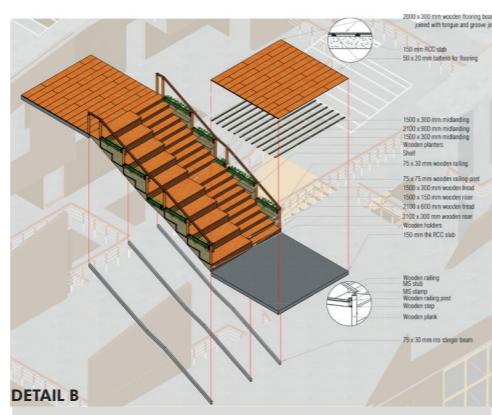
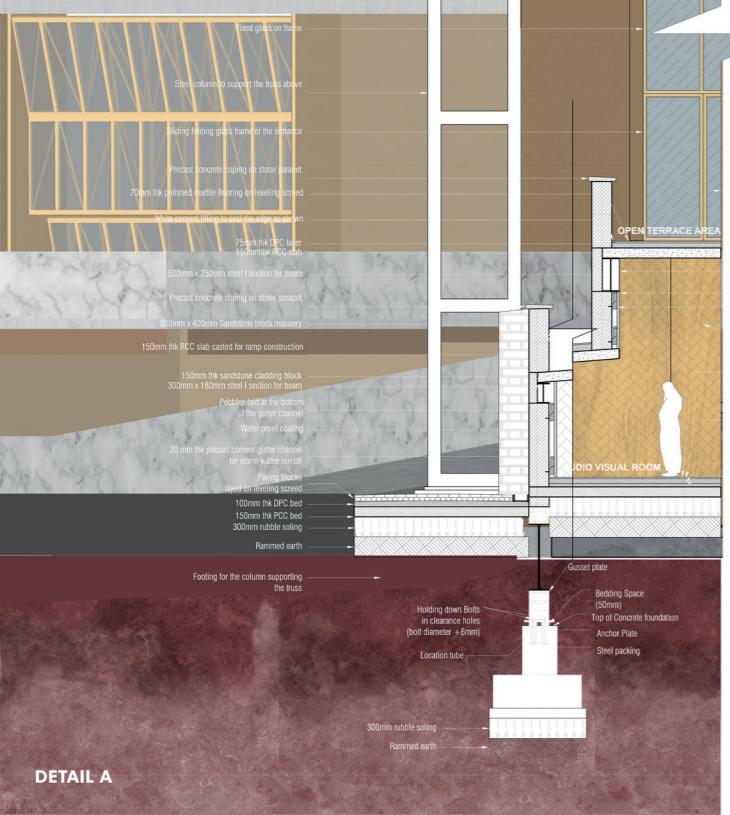


BUILDING DIAGRAMS

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DETAILS



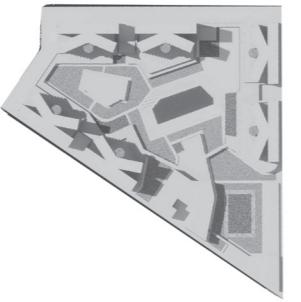
RAINWATER HARVESTING CALCULATIONS

Area of the whole site = 6100 sq.m
Average rainfall = 1042 mm = 1.042 m
The total impervious area = 6100-250 = 5850 sq.m
The capacity required for this area = 1.25* x 5850 sq.m = 175.5 cu.m.
Volume of the reservoir = 0.50* x 5850 sq.m = 74,295 = 74.3 cu.m.
Total capacity of pond = 175.5 + 74.3 = 249.8 cu.m.
Total area of the pool = 150 sq.m
Average depth of the pool = 2.5 m
Volume of the pool = 150 X 2.5 = 375 cu.m
The pond on site is sufficient for the surface run-off of the whole site.

02.

Sangam

Architectural Design | Semester 9 | 2023

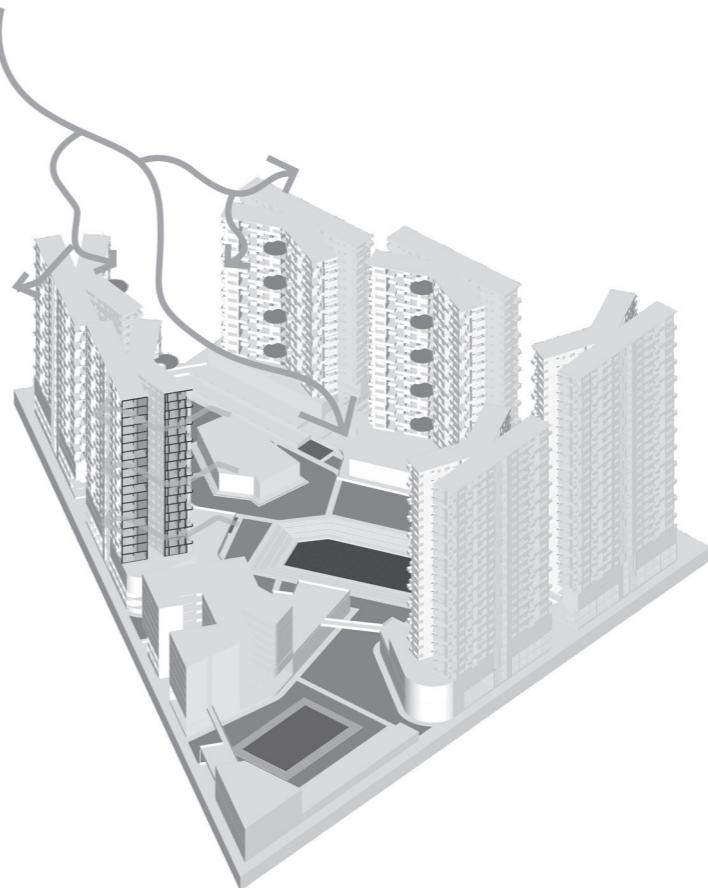


Sangam is a housing project situated in Goregaon, Mumbai amidst the MHADA housing colony which is on the verge of being redevelopment. It is surrounded by high rise and high density housing projects which is in complete contrast with the current G+1 housing within Motilal nagar, the MHADA housing colony.

Not only is the disparity in density but also the lifestyle of the people living in both types of housing, the economies and routines. Thus the biggest challenge in the project was to be sensitive to the existing community while designing a higher density housing for them.

Another challenge was flood which became an issue in the low lying lands of Motilal nagar, which needed major attention. Parking was also an issue since the earlier planning didn't accommodate any vehicles and thus parked vehicles in the thin interior galis became an issue.

The final challenge within the site that had been dealt with was the presence of a mosque and two temples within the existing site. These religious institutions needed to be retained and integrated with the public activities sensitively and seamlessly without making it specific to any particular community but for all.

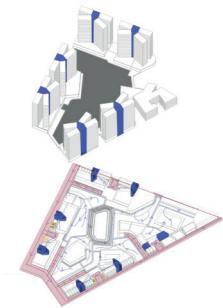


Wind flow diagram
Outside and within the buildings

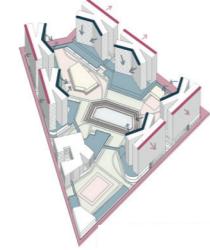
Housing requirement: 850
Parking requirement: 900

The concept behind the design was:

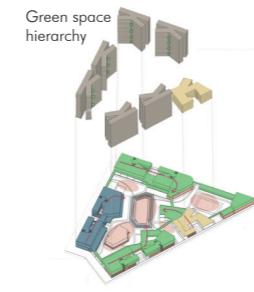
1. **Ventilation** and openness which is current present within the locality which is mostly just G+1. Thus, most of the area in the centre is open and inviting just as it earlier was. The housing block is also split to increase the amount of wind flow and 3 open sides for the corner houses.
2. A large retention pond/**water tank** along with swales to solve flooding issue and creating a public water feature within the site.
3. A public program to activate the site which is present at the corner junction within the site which has a bus stand. This is where the **food plaza** has been designed.

**Circulation and movement**

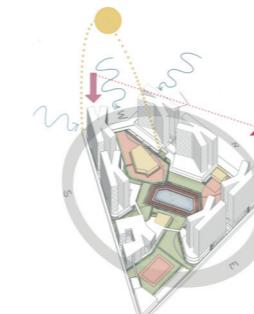
- Pedestrian
- Vehicular
- Retail

**Orientation**

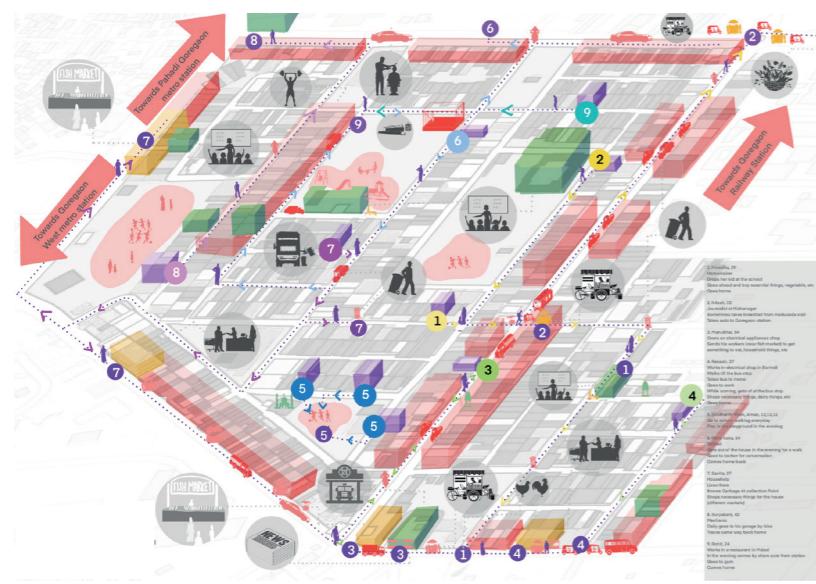
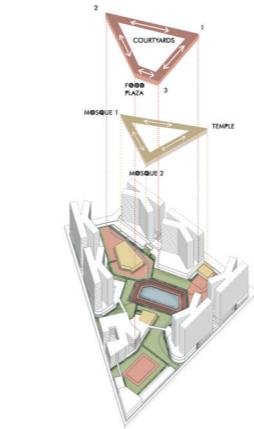
Straight face towards the external and angular towards the internal side gives more podium space internally.

**Podiums funnel inwards**

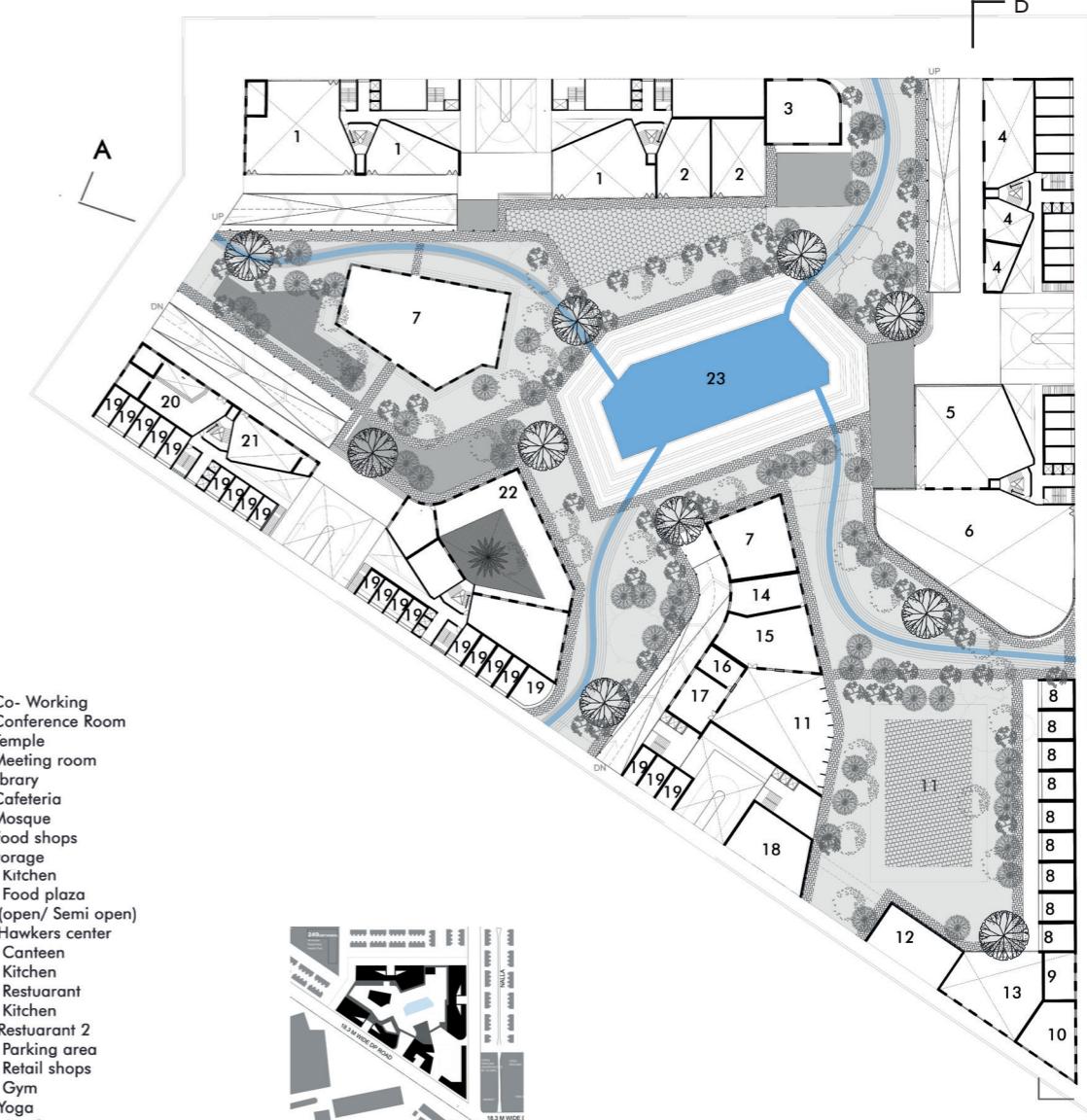
- Residential
- Coworking
- Amenities
- Retail
- Co-living

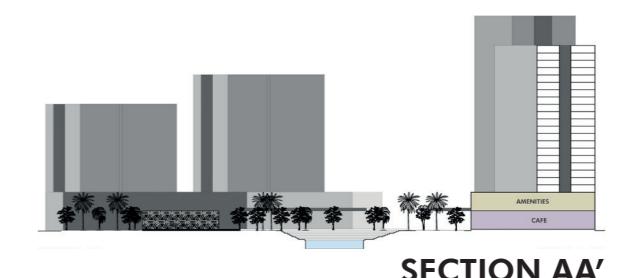
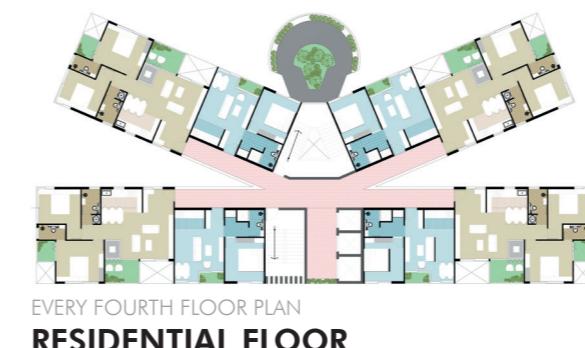
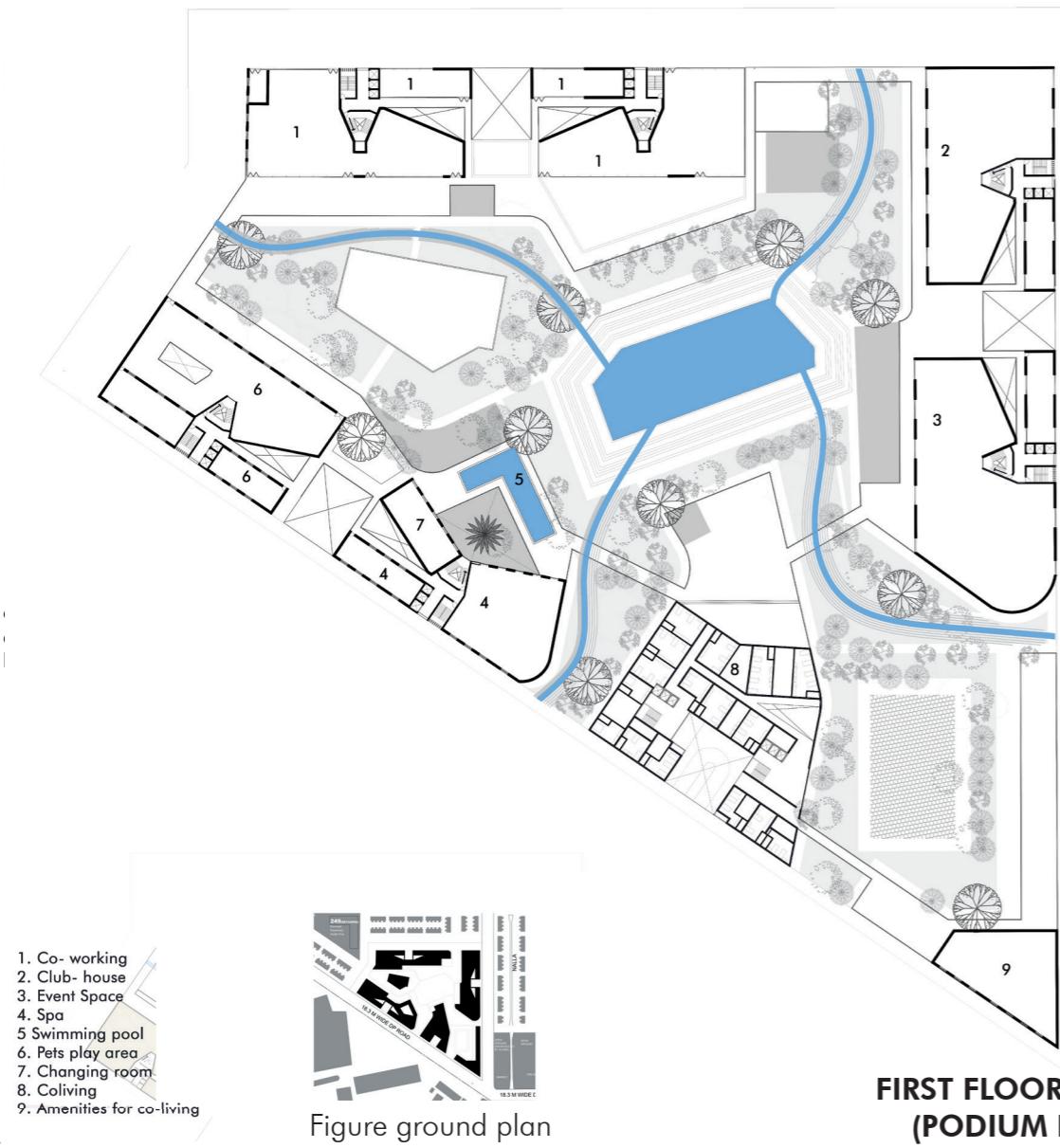
**Sun path and wind flow**

According to wind direction which is from west, south west and north west directions, the residential blocks are shorter in the west and taller towards the east as shown. Same stands true for sunlight, the blocks in the southern side are shorter than on the northern side, allowing sunlight to enter all the blocks.

**ACTIVITY MAPPING OF EXISTING CONDITIONS ON SITE****Circulation path in the public area**

The entire public realm is activated by placement of programs at different levels overlapping at various places, encouraging interaction and liveliness throughout the public realm.

**Figure ground plan****GROUND FLOOR PLAN**



03.

Sahyog- A co-learning center

Architectural Design | Semester 6 | 2021-22



Sahyog is a co- learning center where exchange of knowledge between generations takes places. This center is proposed for the Dalit community in the memory of Dr. B.R Ambedkar.

The site is located within Dadar, Mumbai. The aim of the project was to create a center which proves to be helpful to the dalit community which has always been looked down upon and is not given enough attention.

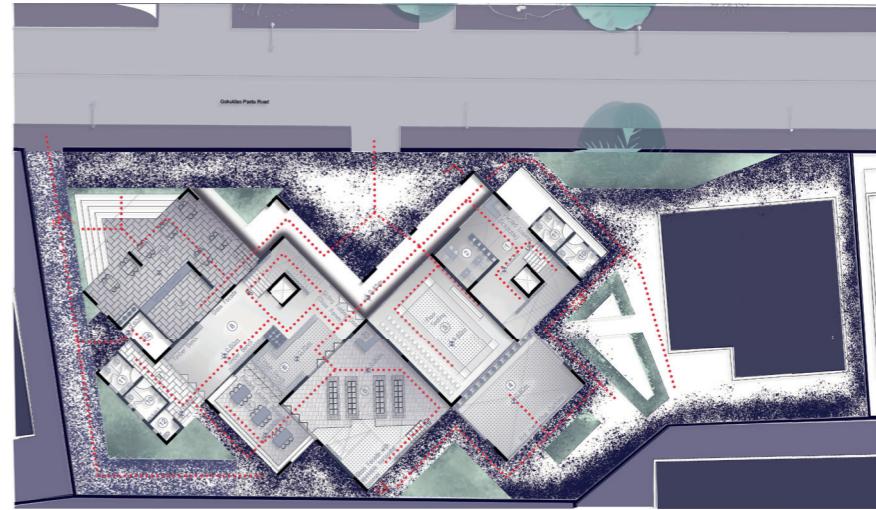
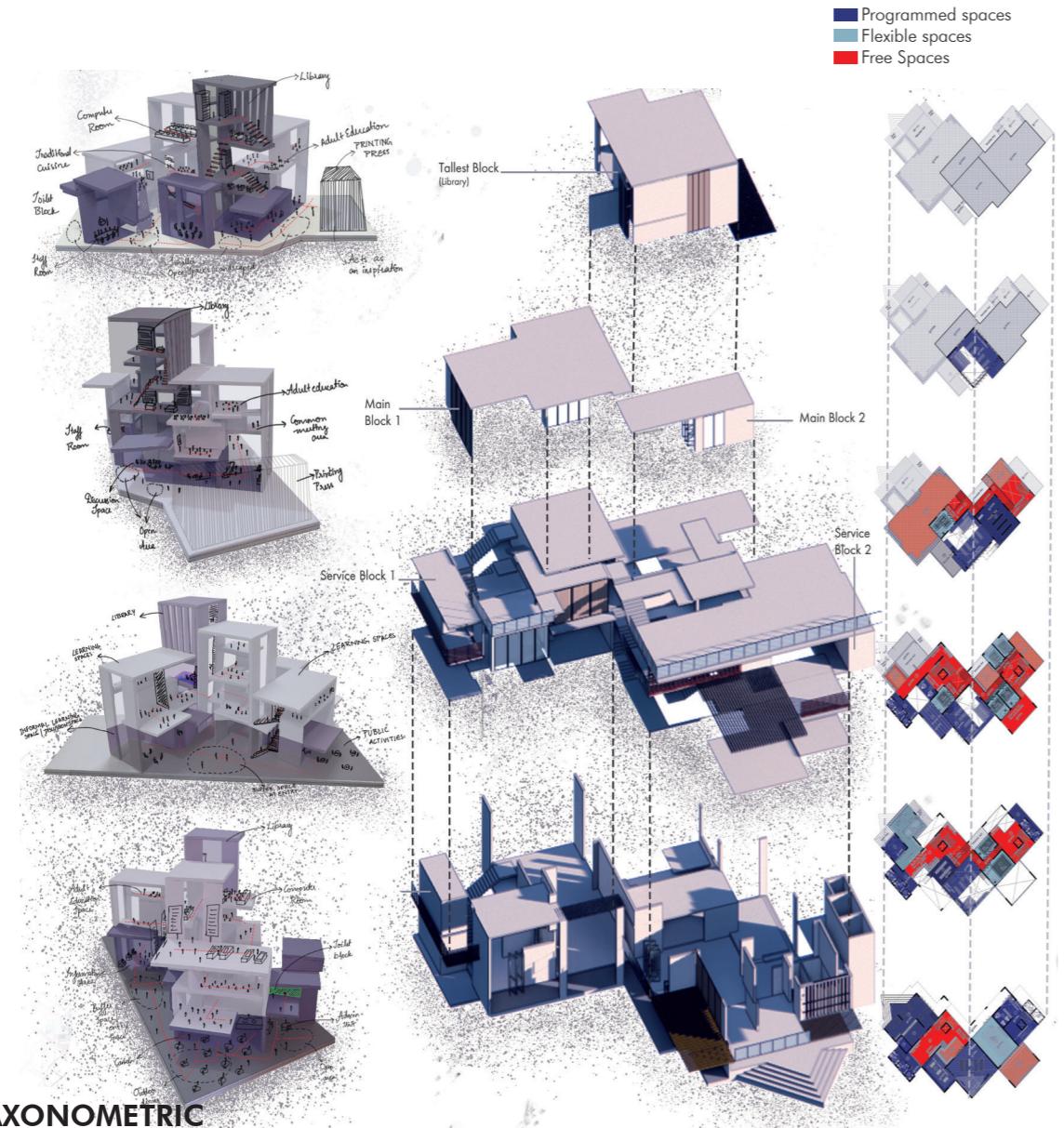
Sahyog is a place where people within the Dalit community possessing traditional skills teach others and on the other hand, the people from the same community who have moved ahead in life professionally and educationally and are at a certain position in the society can impart adult education and give back to their own community. This co-learning program has been designed as something very own to the community itself.

The form is inspired by the net of a cube which has been deconstructed into these open vertical and horizontal planes. this creates a volume that is largely open and visually see through. The creates a visually see through building and the activities can be admired by the passers by.

Following the same lines the building cascades down forming terraces that can be looked at easily.

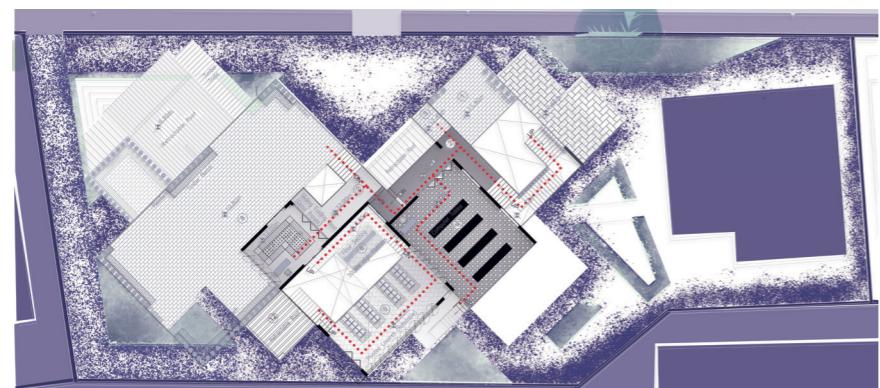


The site is situated in Dadar, amidst the hustle bustle of the city. The site has a strong history related to Dr. B.R. Ambedkar which had to be demolished while part of it being preserved as a museum in his memory. which is shown right beside the proposed bulding within the site boundary.





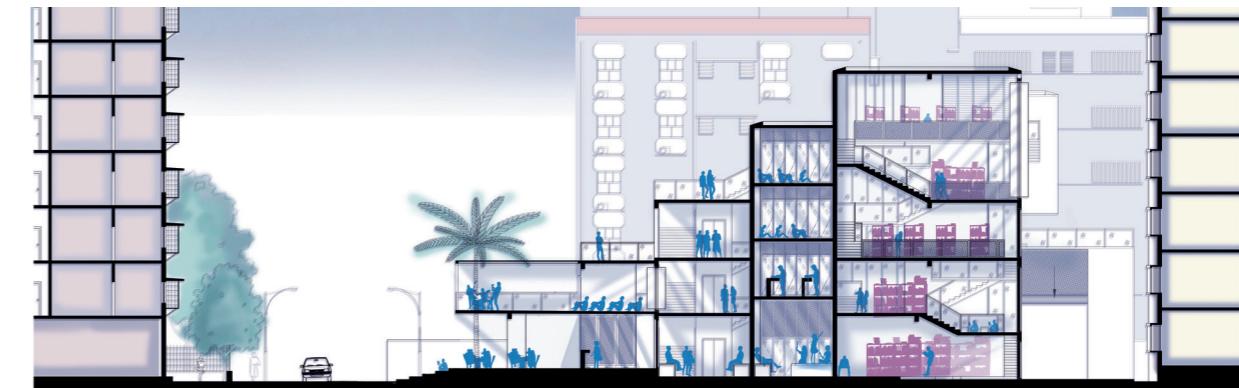
SECOND FLOOR PLAN



THIRD FLOOR PLAN

The building has various spaces which can be flexibly used by the community for different workshops as per the need and requirement.

The central part of the L-shaped building is a library which connects with different workshop spaces at the above levels internally. The program also includes digital lab for keeping a digital record and classes.



SECTIONS

04.

Sculpture by the river

Architectural Design | Semester 5 | 2021



Sculpture by the river is a project situated along the river Tamas in a town called Chakghat in Rewa, Madhya Pradesh. The studio project was to build a facility related to health care. Thus ,this project was developed as a primary health care unit with recreation spaces along the river to create a light atmosphere in and around the building.

The town lacked proper government facilities for health-care. The existing healthcare centres were not well maintained and in case of an emergency most people have to travel 45km to the nearest city Allahabad. This becomes problematic for pregnant women as well.

Thus the requirement ws to create a primary health care unit within the town where there is enough capacity and hygiene in case of an emergency.

The hospital is built opposite to a post graduation college. The concept was to create a wellness centre adjacent to the primary healthcare facility and create an open green environment around the healthcare centre to create a positive environment for the commoners.

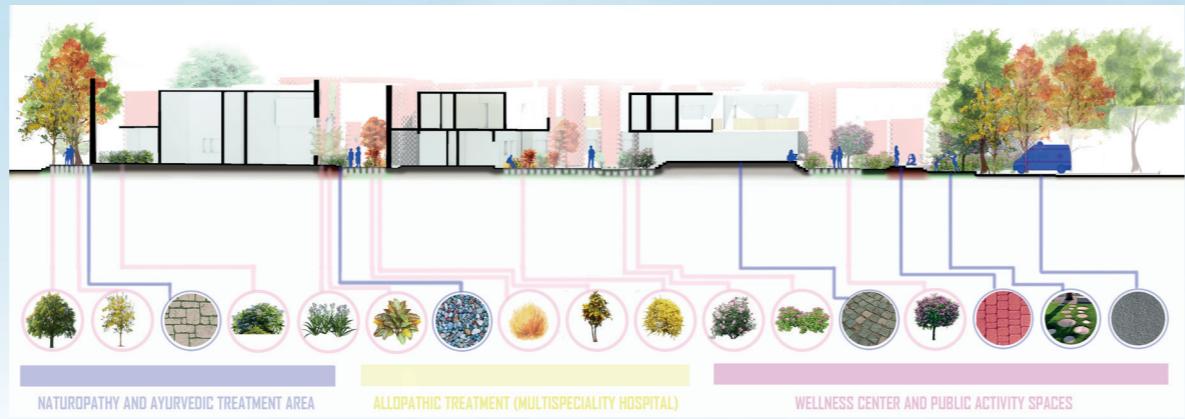
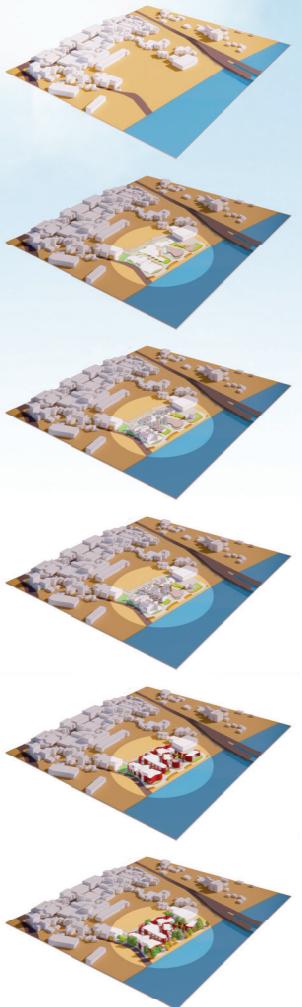
Since the site was along the river ,a promenade along with open green spaces was made which also gave the town a space for recreation ,mental wellbeing and relaxation.



GROUND FLOOR PLAN

The concept behind the project is as follows:

1. The project creates **3 different pathways** for the different programs within the buildings.
2. These narrow paths with uncertain curved walls lead you to the river across and a **relaxing promenade by the edge**.
3. The curved walls surround these paths and become **sculpture** themselves.



LANDSCAPE SECTIONS



SECTION THROUGH EVENT SPACE AND WARDS



05.

Landscape Ventures

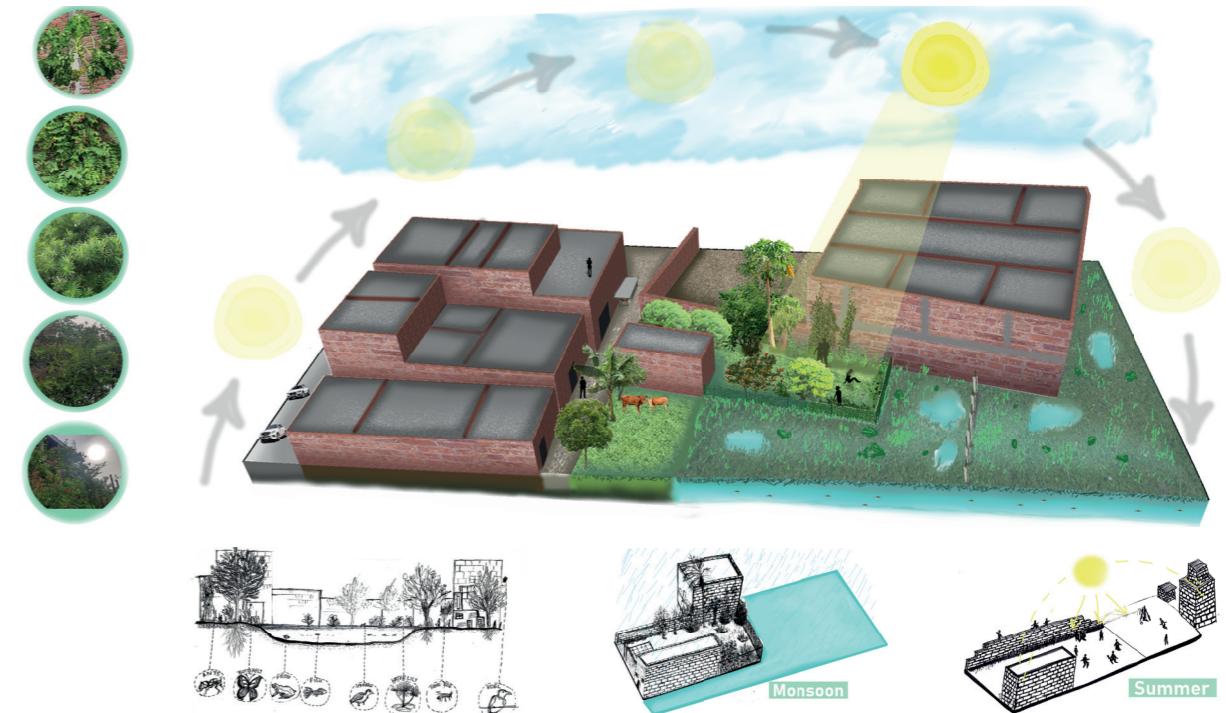
Architectural design | Landscape design | 2021-23



01

CONCEPTUALISATION SKETCHES

Landscape design | Semester 5 | 2021



This is the study of a garden area behind my natal home. The studio was designed to start an understanding of the landscape ecosystem of an area around our neighbourhood and capture the details which impact the ecology around the system.

Tree palette
A list of images of the different trees present in the garden.

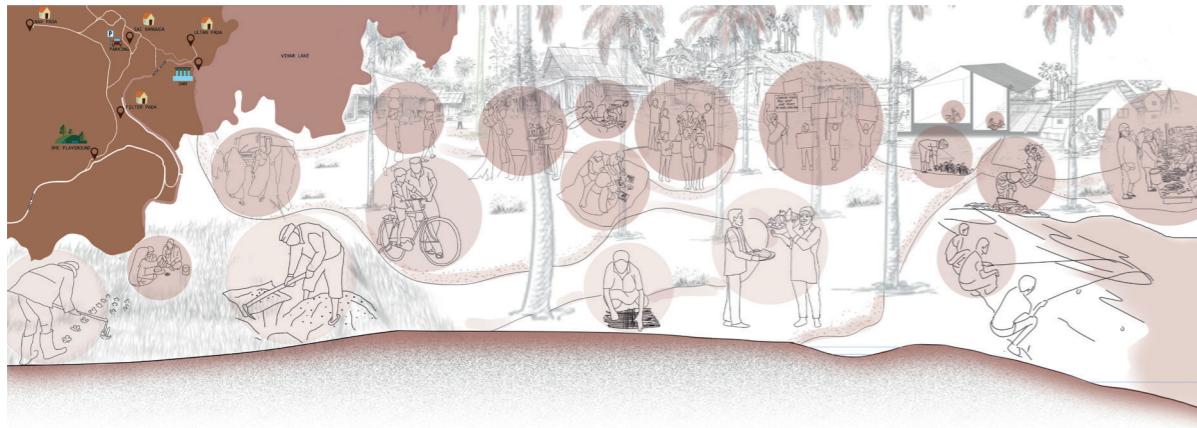
Axonometric
This visual describes the look and feel of the place in 3D.

Section
The section describes plant and animal species in the region, along with the terrain conditions in a sketch format.

02

MY NATAL HOME

Landscape design | Semester 5 | 2021



03

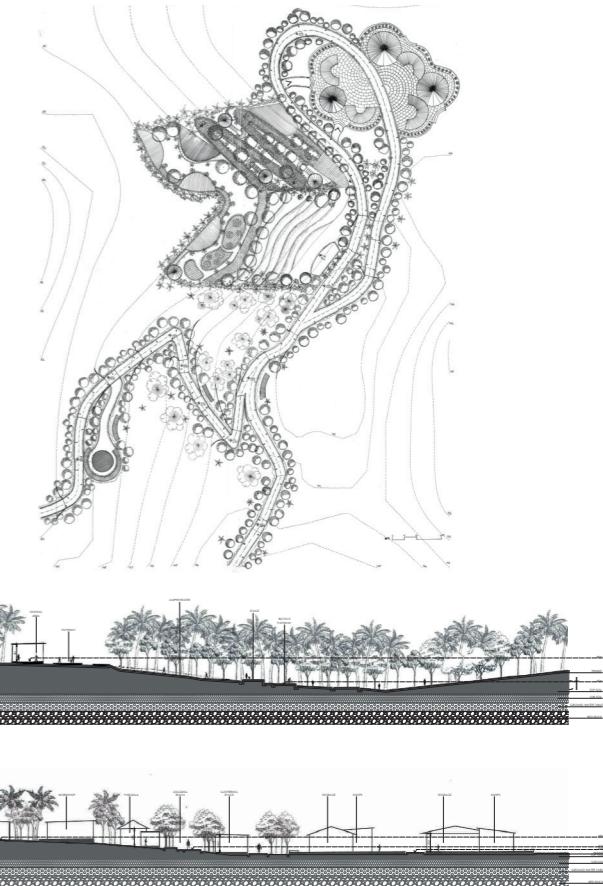
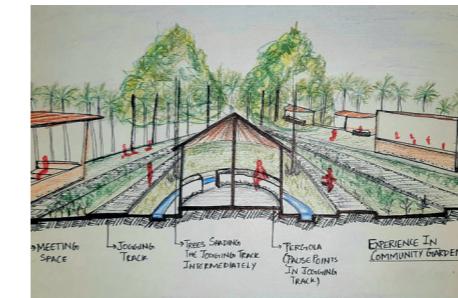
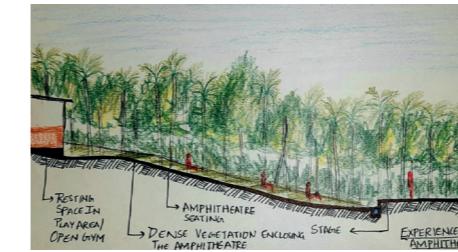
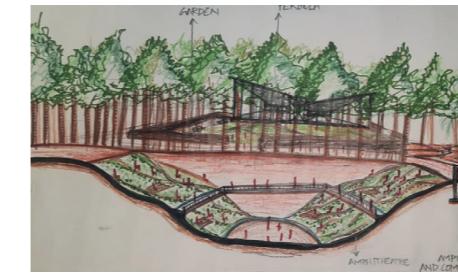
DESIGNING SPACE FOR COMMUNITY

Aarey Forest, Mumbai | Landscape design |
Collaborative work | Semester6 | 2022

40

Activities

Cultural study of Aarey forest along with activities carried out for the livelihood of the people residing within the forest.



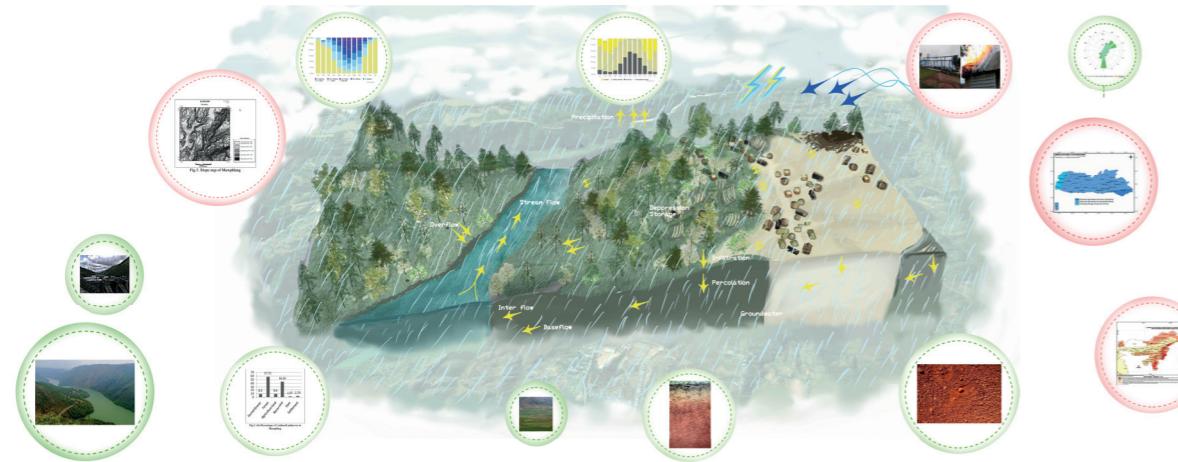
Conceptualisation

Visualisation of the spaces to be created for the community based on earlier study using the medium of hand sketches.

Plan and Sections

Design of the final space designed (an amphitheatre, market space and community gathering space).

41



04

MAWPHLANG ENVIRONMENT STUDY

Architectural design | Semester 4 | 2021

42

This is an Environmental study conducted for a project to designed in the sacred forests of Mawphlang, Meghalaya as per the Architecture design studio.

Environmental concerns

The graphic represents all the information regarding the terrain, climate concerns, soil conditions and common hazards present in the forest.



- 1. Teak tree
- 2. Castanopsis Kurzil (tree species)
- 3. Rudraksh
- 4. Sal tree
- 5. Khasi pine
- 6. Bamboo shoot snack
- 7. Bamboo shoot

- 8. Cleaning of streams
- 9. Bufooides meghalayensis
- 10. Schistura syngkai is a new fish species
- 11. Polluted water in dam
- 12. Person carrying water on head for rituals
- 13. Houses near streams and ponds

- 14. Person balancing water on shoulder for house hold activities
- 15. Philautus shillongensis
- 16. Cleaning the dam
- 17. Person carrying timber for different activities
- 18. Tools used in shift agriculture
- 19. Terrace farming

- 20. Drip Irrigation using bamboo as pipes
- 21. Lady doing farming activities
- 22. Houses in Mawphlang
- 23. Lady rearing cattle (cows)
- 24. Tourists
- 25. Ground for festivities
- 26. Music played in festivals

Activities

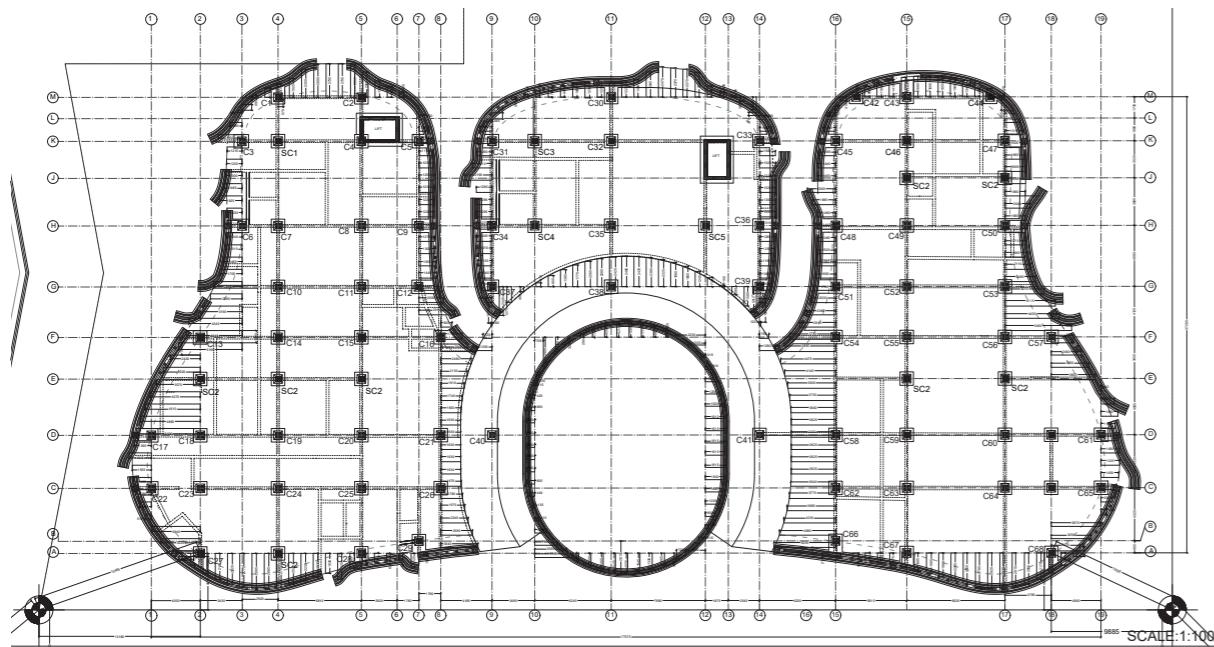
The graphic represents all the activities carried out by the native people of mawphlang. It also includes information regarding native homes and culture.

43

06.

Technical drawing

Working drawings | Internship portfolio | 2021-23



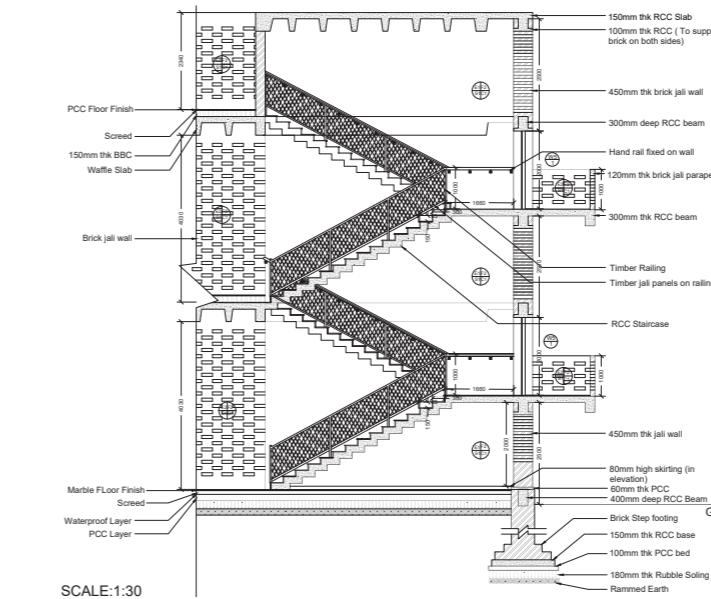
01

WORKING DRAWINGS PORTFOLIO

Technology Studio | Semester 6 | 2022

Foundation Plan

Centre line, column placement, datum and alignment of the curved walls

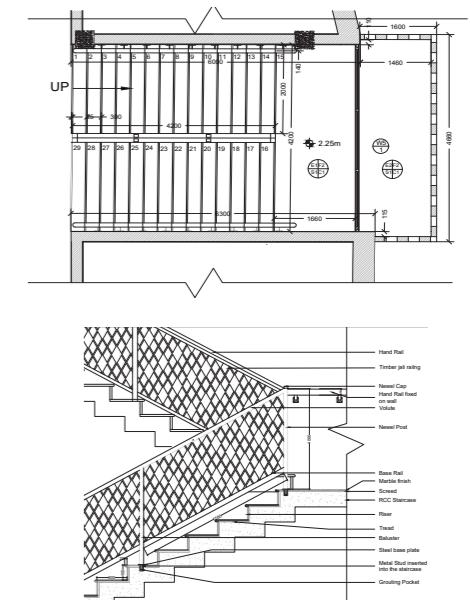


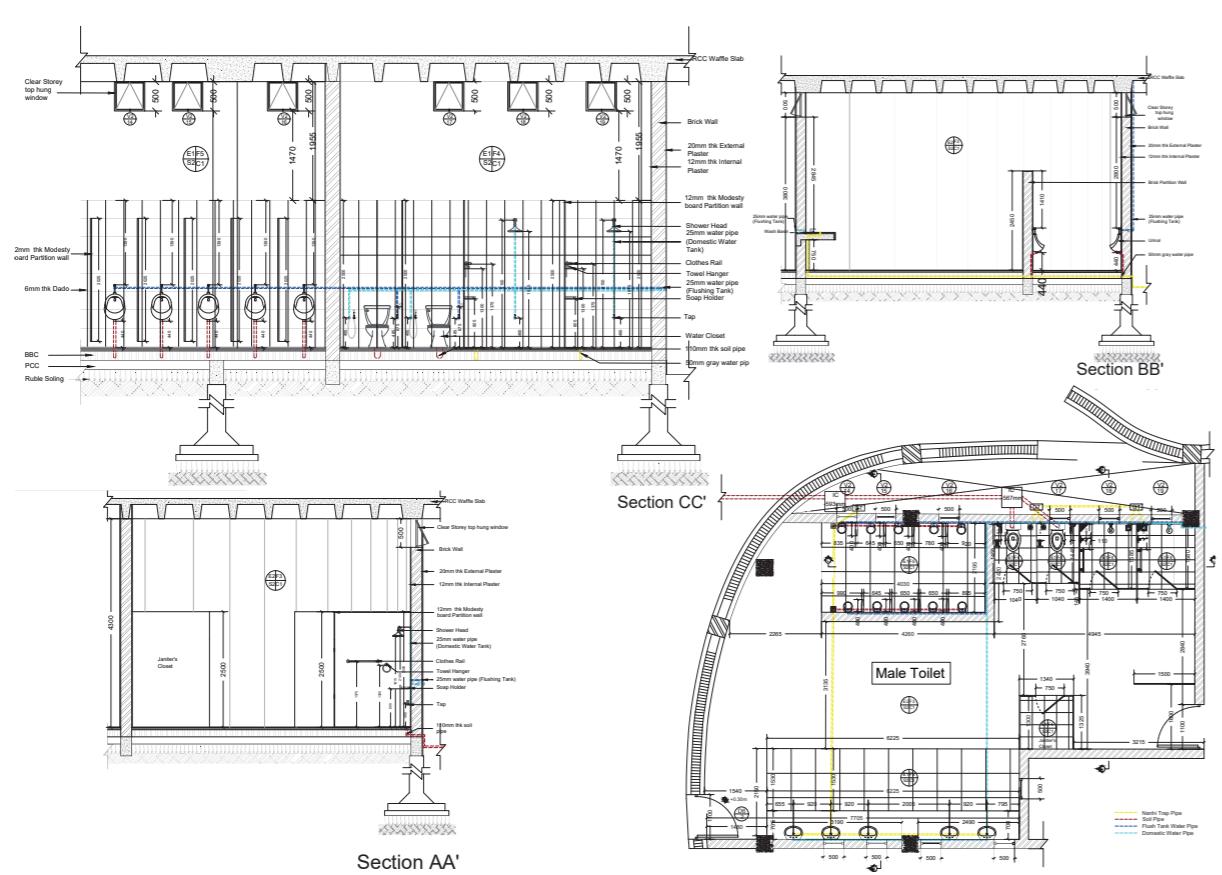
Staircase detail

Staircase section supporting beam over the Jali (skin) wall.

Staircase plan with nosing. Material used is marble.

Railing detail showing the rail ost and RCC details of the staircase.





Toilet Detail

Male toilet details with all fixtures ,plumbing details and IC placements.



Hospital standards

The drawing shows the standard sizes of various spaces within a hospital which can be used as a reference while designing it. They have been made by taking reference from Neuferts standards and some other references to create a module which can be easily used.

02
SANJEEVANI HOSPITAL
Internship | Semester 8 | 2023

07.

Graphics and Renders

Academics | Internship | 2021-24



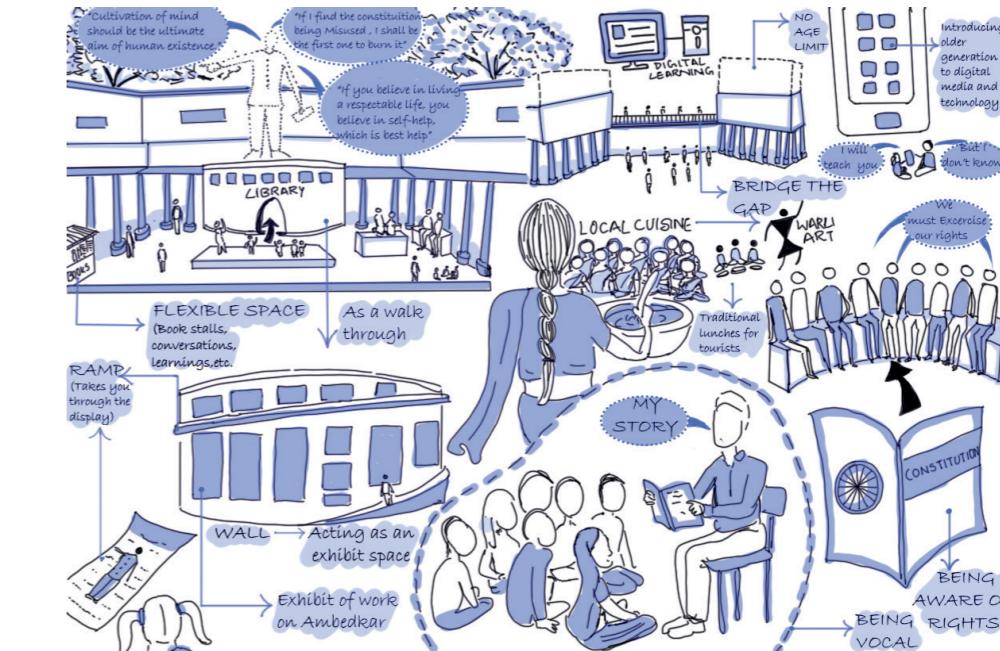
01

MINORITY WELFARE ASSOCIATION

Architectural design | Semester 6 | 2022

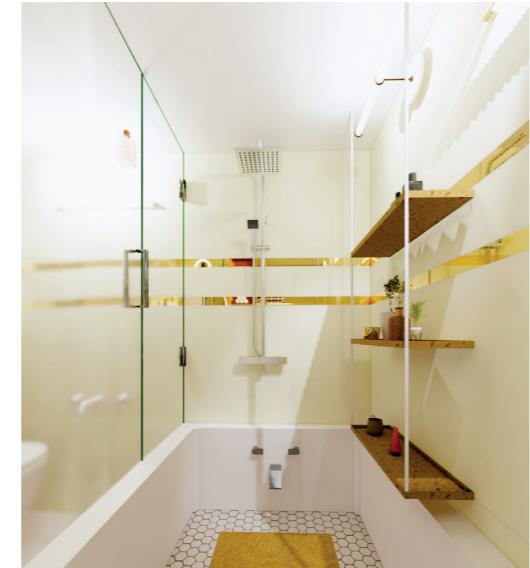
Study of Murphy town

The visual conceptualises the activities within Murphy town in Halasuru, Bengaluru. The study was done in order to understand the dalit for the studio which required to build a place in remembrance of Dr. B.R Ambedkar.



Inference based on the study

Conceptualisation of the study in Murphy town to build a project. The graphic tries to combine the tangible and intangible elements which were necessary to me in conjunction with the space to take forward in the built project as documented in project O3 SahaYog within this volume.



02

SRI RESIDENCE
2024

Bathroom renders

The requirement was to design a toilet that could accommodate a bath tub within the shower area. The images show the renders of the design.

Shower area

The view shows the bathroom in two point perspective to show the overall layout of the bathroom area.



03

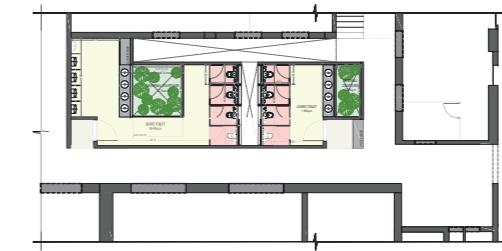
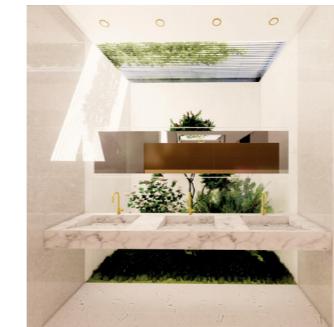
MICROPACK FACTORY

Internship | Semester 8 | 2023

52

Toilet Render

As per the client requirements the public toilet of the factory for the workers is designed to accommodate a courtyard within. The above shown toilet is a male toilet.



Toilet Render

The renders show the female toilet. The plan shows the layout designed to accommodate a courtyard for both the toilets along with the required number of cubicles and wash basins.

53



04

CASA TRANQUIL

Internship | Semester 8 | 2022

54

Plan renders

This is a villa project situated in Goa. This one of the six typologies of the project. The plans have been rendered keeping in mind the textures and feel of the materials as per the mood board created for the client.



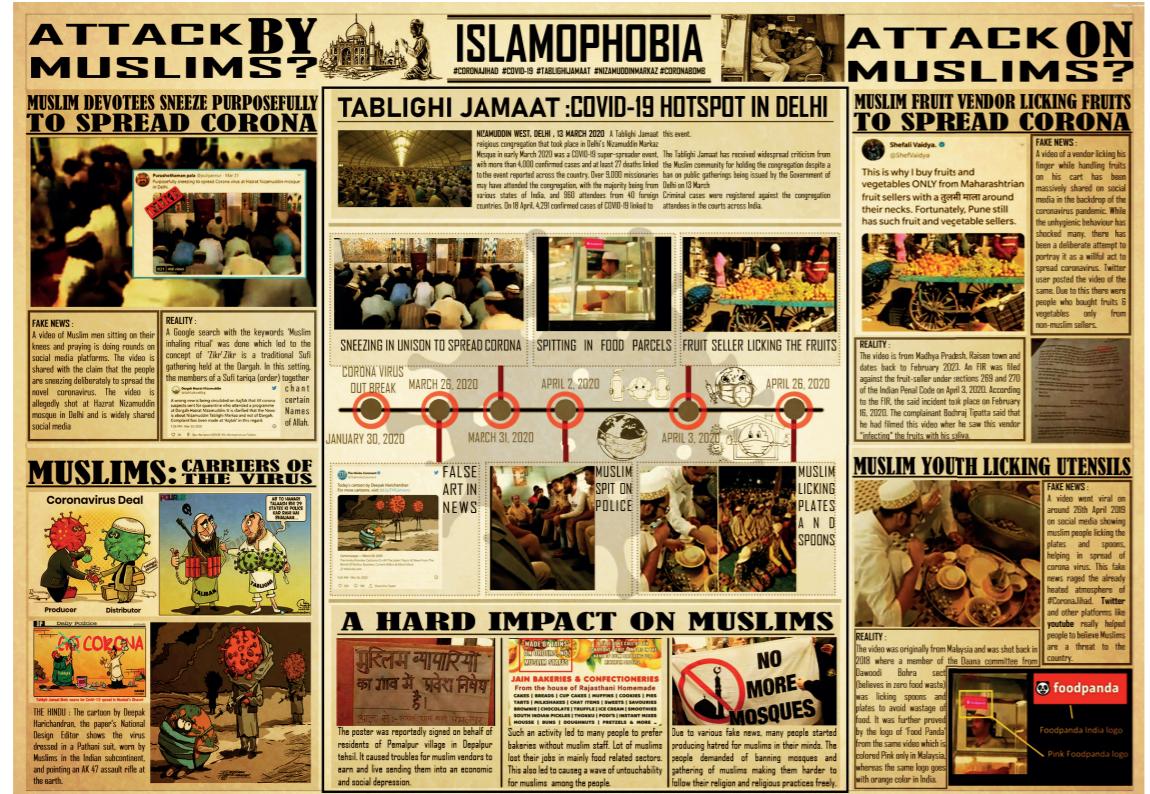
05

B+M office

Internship | Semester 8 | 2022

Render
The view shows the materials within the office toilet area. Marble has been used in different ways to create contrast. The basin has fluted marble. The aim was to instigate a luxurious feel within the toilet for any user.

55



06

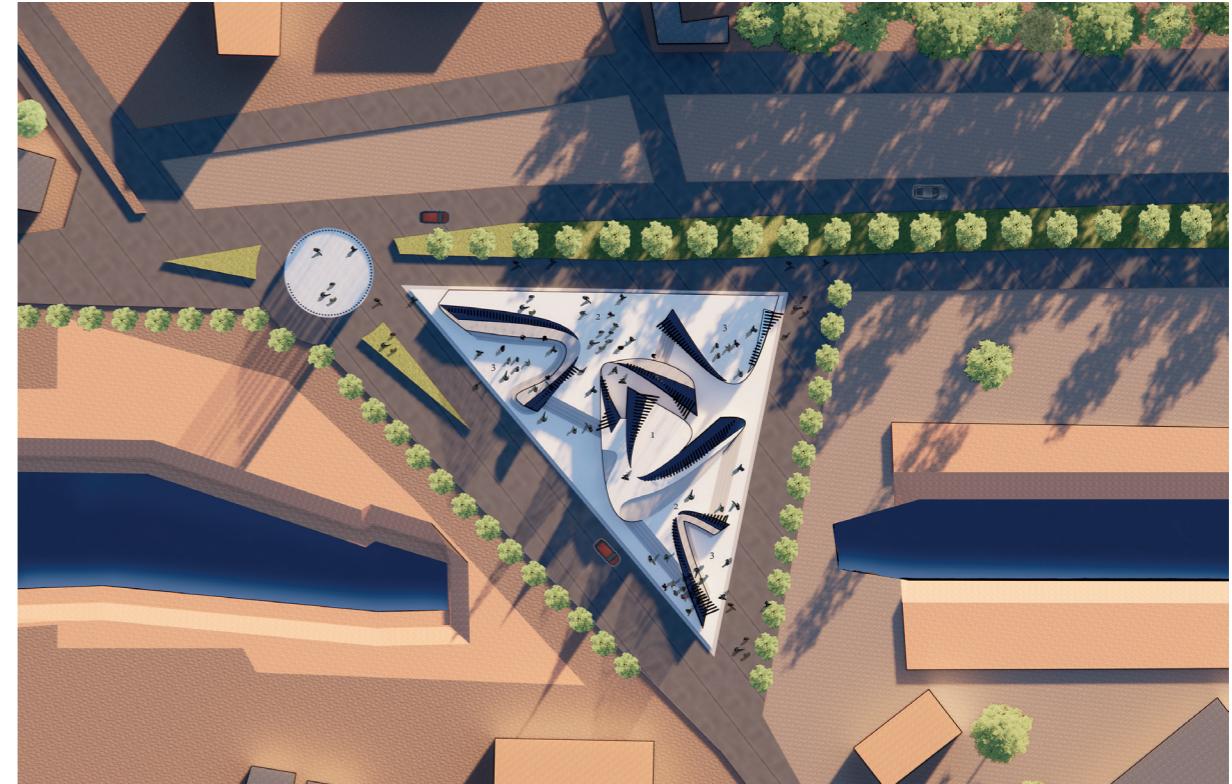
ISLAMOPHOBIA

Elective | Semester 5 | 2021

Newspaper report

The visual is presented in the format of a newspaper which represents how media can be misleading by spreading information which can take adverse affect in the society. The elective was on technology and media and its positive and negative impacts.

The topic chosen here is Islamophobia which was spread during the time of COVID.

**Plan**

The aim of the project was to design the chowk in Ayodhya which represents the music of Lata Mangeshkar. Thus the rods floating in water symbolise the light and fluid nature of the music. The rods twist and turn in sync with Lata Mangeshkar's voice.

The chowk is designed to host bhajans and thus the rods also ascend as we move towards the center of the chowk representing the Dravida shaili of temple design which is one of the prominent styles of temples for the Hindus.

07

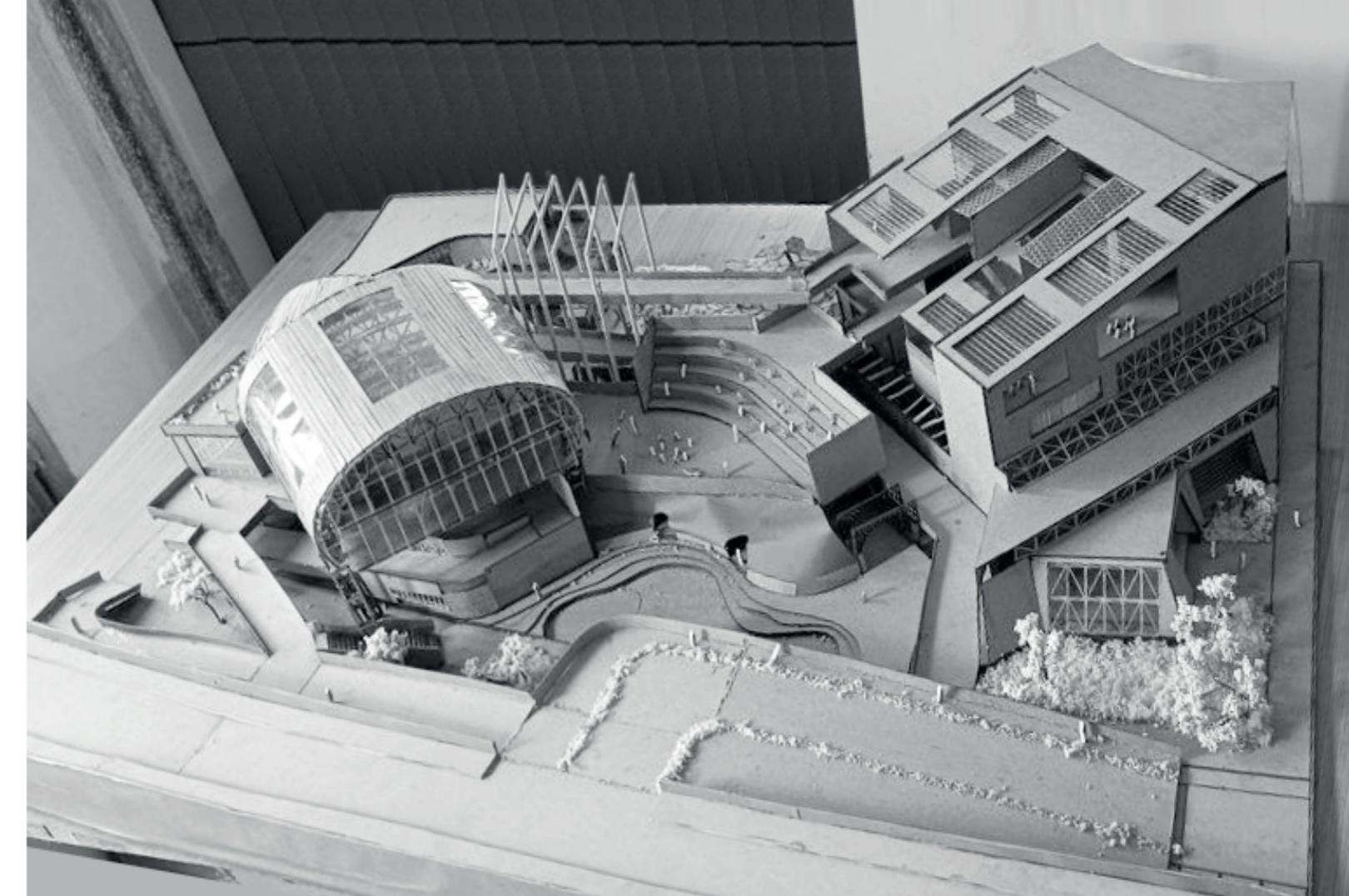
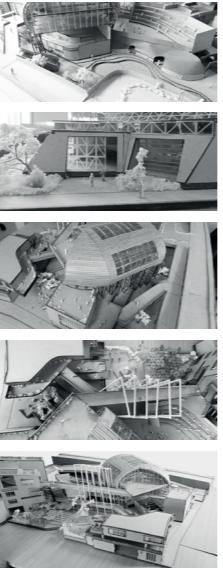
LATA MANGESHKAR CHOWK

Competition | Semester 7 | 2022

08.

Physical Model

Academic projects | 2019-24



01

SANSKRIT INSTITUTE

Architectural Design (Thesis) | Semester 10 |
2023-24

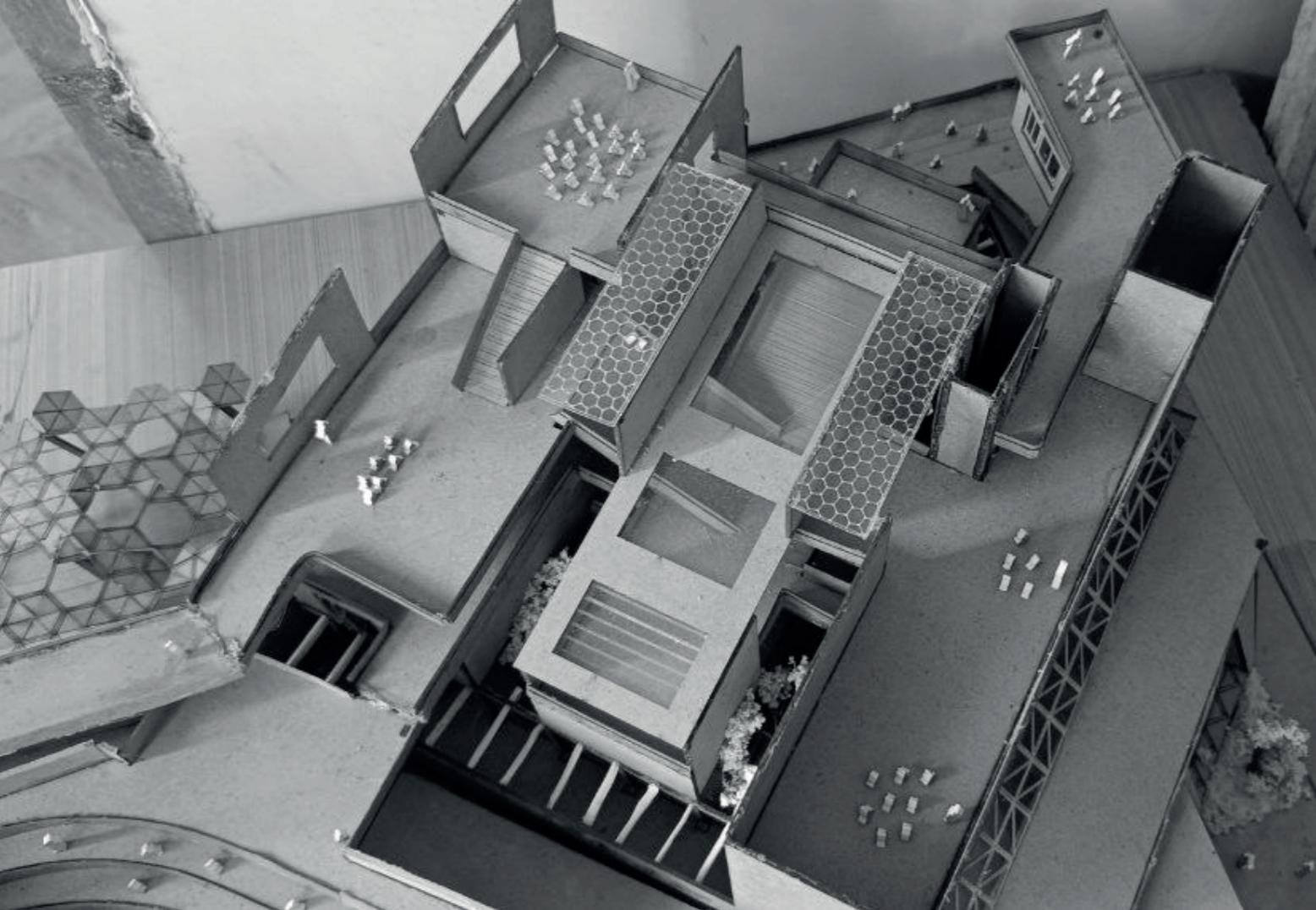
Model at 1:100

The model was built in mdf for which laser cut file was made. The model shows detailed views of the project for further clarity and understanding in presentation.

Images Canteen feature staircase in the foreground with the library in the background, aerial view of the plaza, Main entrance to school, top view canteen and library, top view of bridges, view from back

Overall model view

Aerial view of the model from front.



Top view of School (Roof removed)

The view shows the semi open classrooms, trellis of marriage workshop and activity staircase.

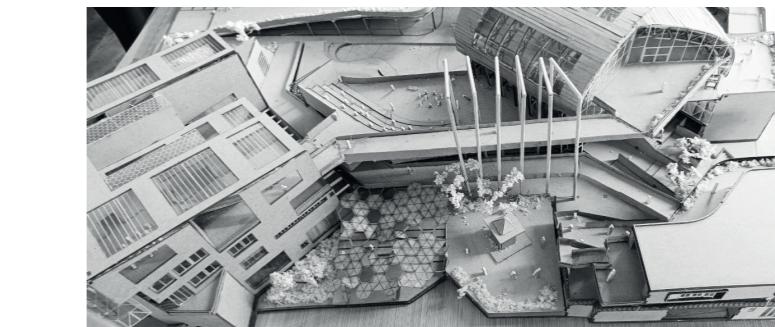
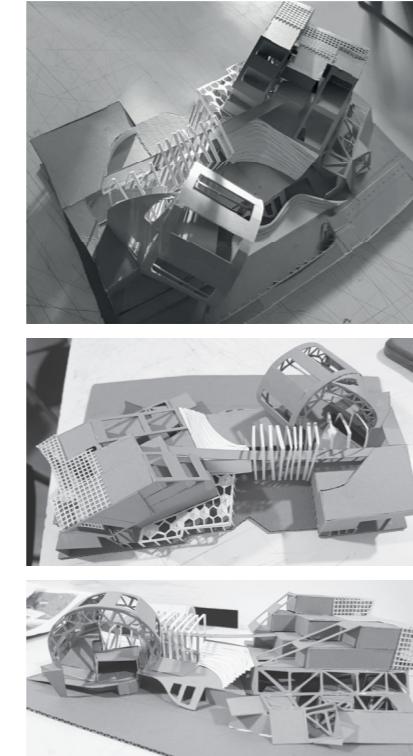
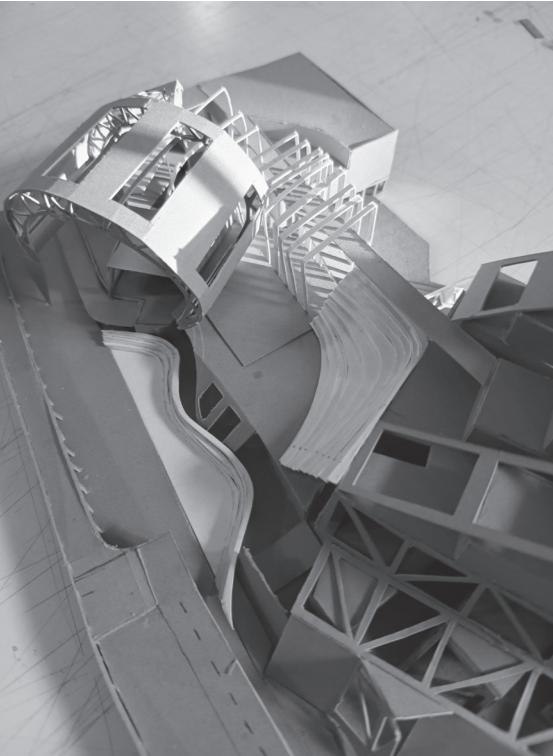


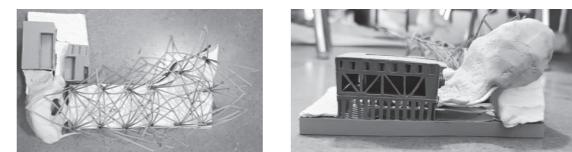
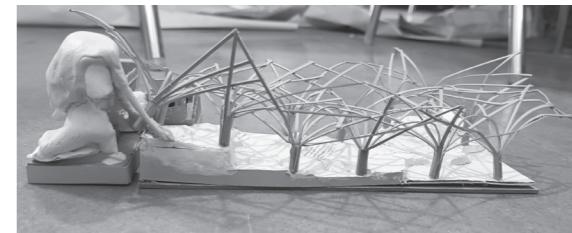
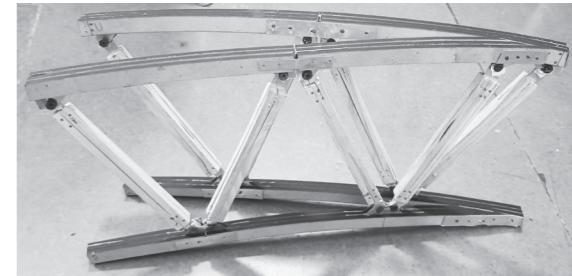
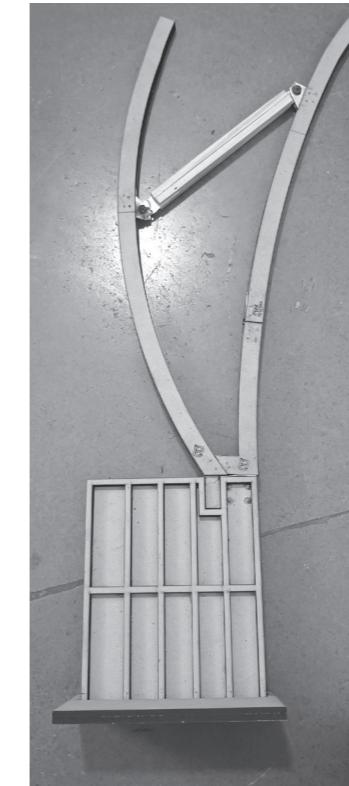
Image 1 School from west side

Image 2 Top iew from behind of entire project.



Final process model

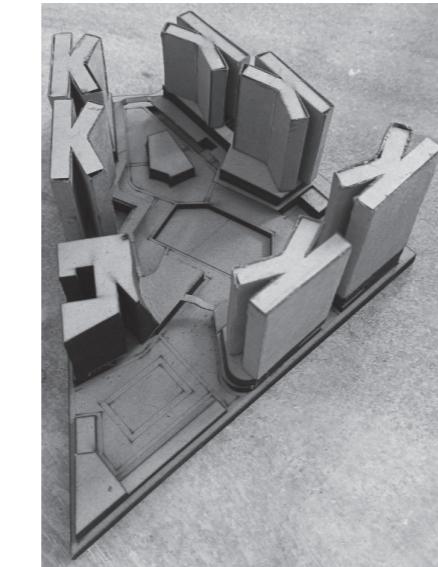
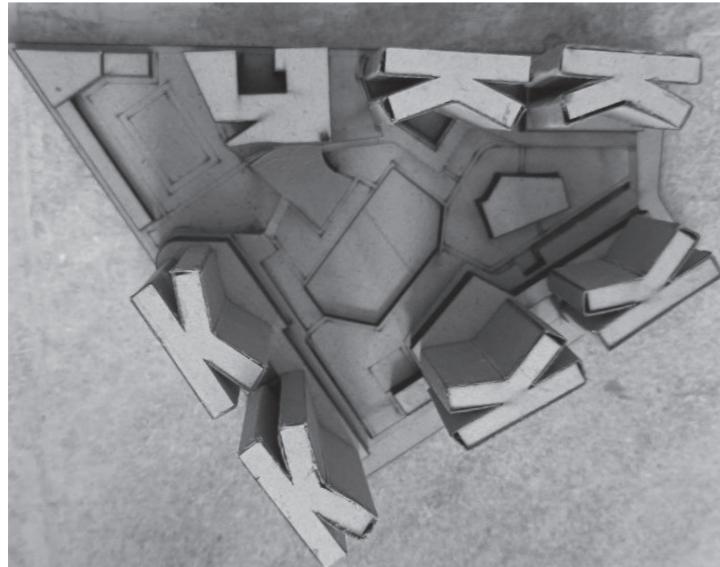
The process model is handmade using filecard. This was an



Process models

Image 1 and 2 Joinery model of truss 1 truss to column, 2 truss to truss

Images 3, 4, 5 Process model for site 2 which is an open public program with museum and lecture halls.



02 SANGAM

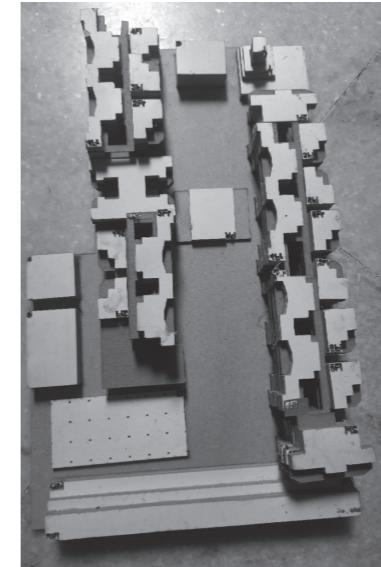
Architectural Design | Semester 9 | 2023

Model views

The model was made using mdf and laser cut file was made for it.

Image 1 top view

Image 2 Aerial view starting with the plaza



Model Views
The model was made using sun board and laser cut file. The project is a housing complex with a gaushala and a Jain temple within it. The project is situated in the innercity of Aurangabad.

Image 1 Overall view

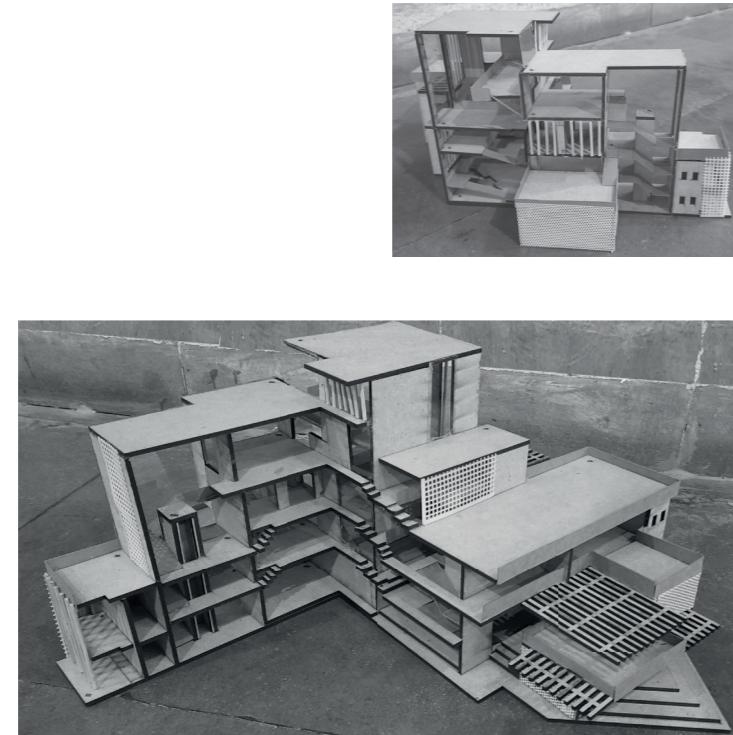
Image 2 Housing units of the workers

Image 3 Showing the common open terraces and penthouses

03

COW-LIVING

Architectural design | Semester 7 | 2022



04

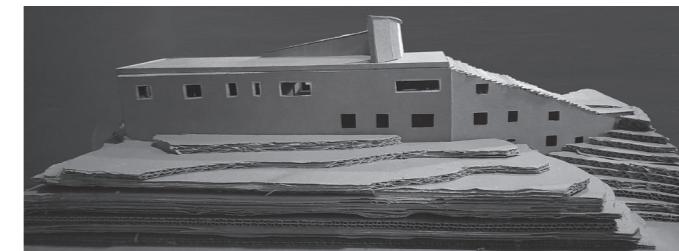
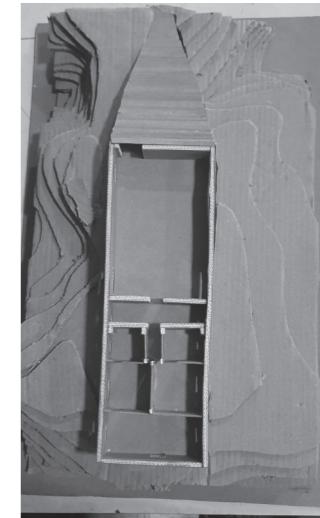
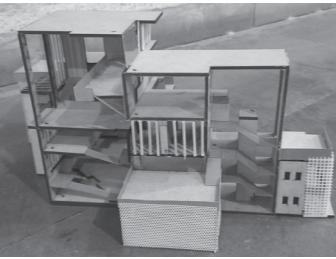
SAHYOG- CO-LEARNING CENTER

Architectural Design | Semester 6 | 2022

66

Model views

The views show a sectional view through the staircase and shows the interiors of the building along with the terrace spaces.



05

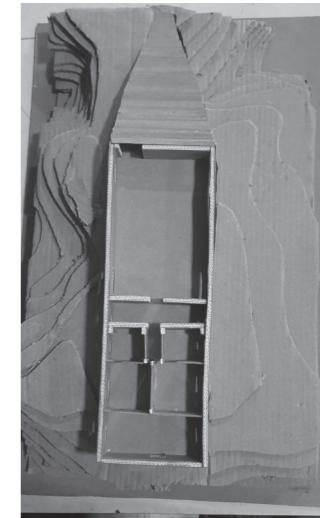
CASA MALAPARTE

Architecture Representation and detailing | Semester 2 | 2020

67

Model top views
The model is a study of the Casa Malaparte, which is a villa in Naples, Italy. The villa is located at the top of a mountain.

Image 1 roof view
Image 2 Top floor view (roof removed)
Image 3 Side view



09.

Hand-sketches, models and Digital portraits

Artwork | 2019-24



01

DIGITAL DRAWINGS 2023

Facade design of a house

Facade of a house on procreate to test out materials and color combinations.

Sangam ghat
Activities during morning, afternoon and night at sangam , Prayagraj using procreate. This is a part of Sanskrit institute the thesis project.



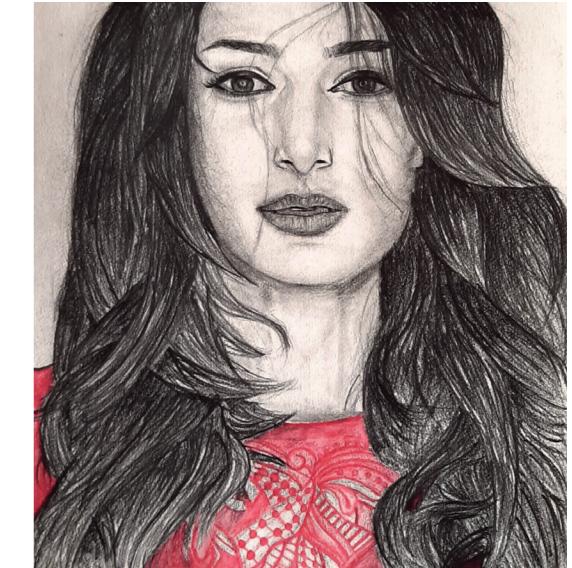
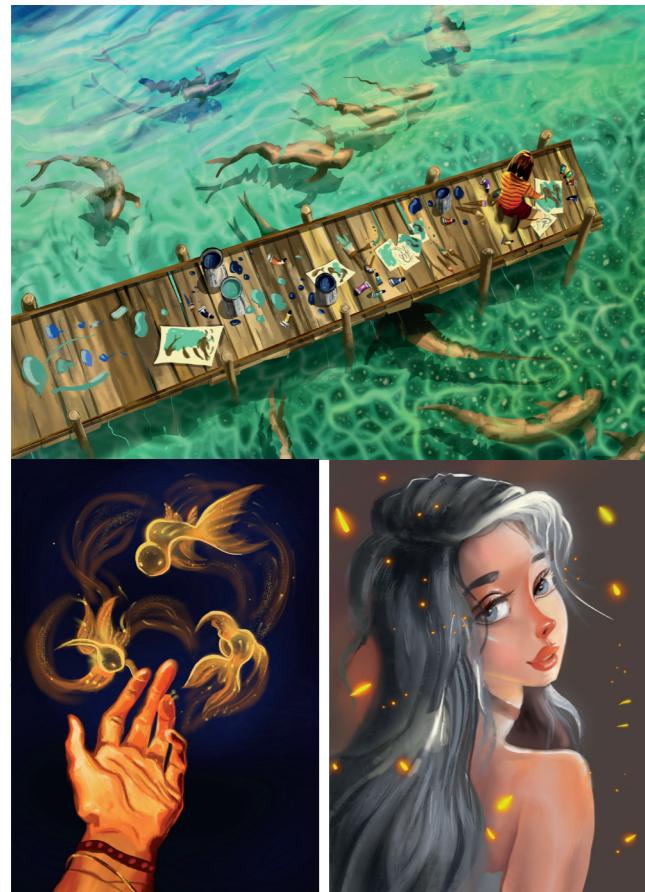
Kitchen interior scene

This kitchen interior is created using procreate. The scene is set in the sunset time, thus the colors tend to create the same mood in the mind of the viewer.



Study drawings

These digital drawings were studied using procreate on ipad. They are studies from artists like Devin elle Kurtz and @Samdoesarts (youtube).



02

HAND DRAWINGS

Image 1 Shree krishna holding Sudarshan, Oil on canvas

Image 2 Portrait of EJF, Graphite on paper

2019-2022



03

The murti is completely handmade using terracotta clay and then dries and painted using acrylic paint and was decorated using stone and bead work. This was made by me at home for the festival of Ganesh Chaturthi. This was my first attempt at doing so and it had been a great learning for me.

GANESHA MURTI

2024

Shubhangi Gupta

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@color_story_09

Youtube : @color_story_09

Facebook: @colo_story_09