INNOVATION CLUB

Report on Innovation Club Initiatives:

Campus Development and Product Design

1. Introduction:

The Innovation Club plays a pivotal role in enhancing campus life and fostering creativity among students. This report highlights the club's contributions to campus development, with a focus on the landscape area, transition spaces between studios, college facade, open-air theater, and lobby spaces. Additionally, we delve into the exciting realm of product design through key projects like the Phylotaxi Project, Atmospheric Pressure Clock, Bike Installation out of Scrap, and participation in the Solar Decathlon project.

2. Campus Development Initiatives:

2.1 Landscape Area:

The Innovation Club has actively engaged in transforming the campus landscape, creating vibrant and aesthetically pleasing spaces that encourage outdoor activities, relaxation, and collaboration. The integration of greenery and sustainable elements in the landscape area enhances the overall ambiance of the campus.

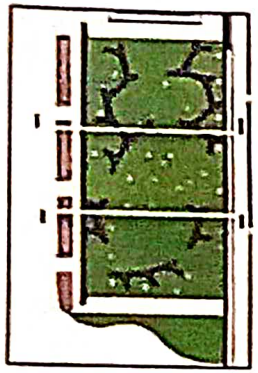
2.2 Transition Spaces between Studios:
Recognizing the importance of seamless transitions between different academic spaces, the Innovation Club has worked on optimizing transition areas between studios. These spaces now facilitate smooth movement, promote interaction, and serve as dynamic hubs for spontaneous ideation.

2.3 College Facade:
The club has contributed to the enhancement of the college facade, creating a visually appealing and modern exterior that reflects the institution's commitment to innovation. Incorporating sustainable materials and cutting-edge design principles, the facade now stands as a testament to the college's forward-thinking ethos.

2.4 Open-Air Theater:
In response to the growing demand for versatile outdoor spaces, the Innovation Club spearheaded the development of an open-air theater. This space serves as a venue for various cultural events, lectures, and performances, fostering a sense of community and providing a unique platform for artistic expression.

2.5 Lobby Space:
The club has revitalized lobby spaces, turning them into dynamic hubs for collaboration, networking, and idea exchange. These redesigned areas now reflect a modern and innovative ethos, promoting a conducive environment for academic and social interactions.

Campus Development Project



PLAN

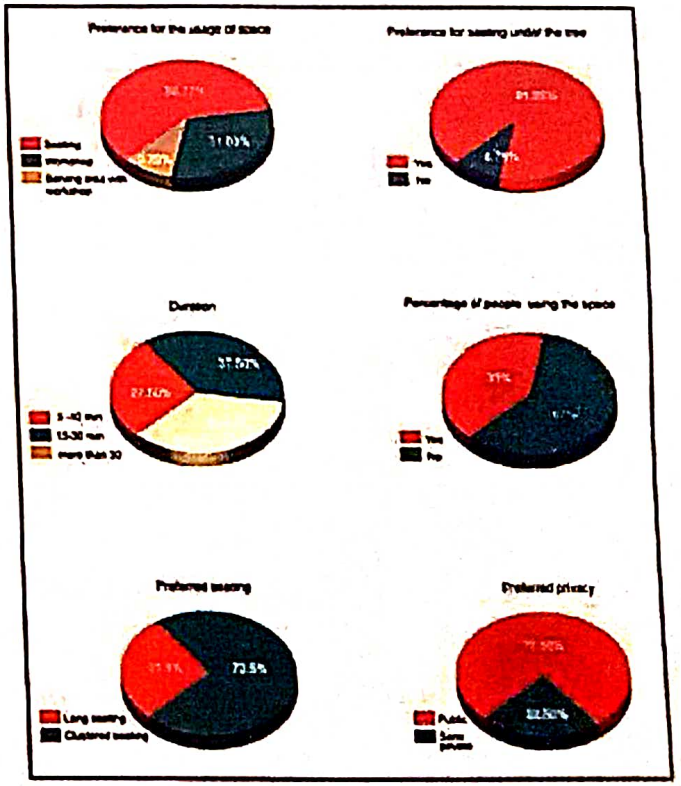
(A)

WEST ELEVATION

SOUTH ELEVATION

SECTION AT AA'

SECTION AT BB'

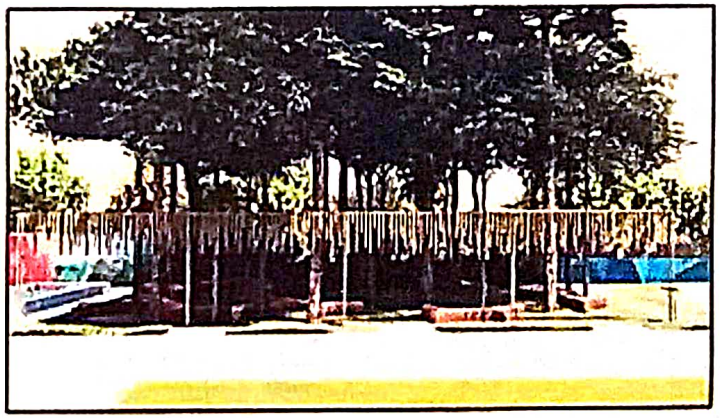


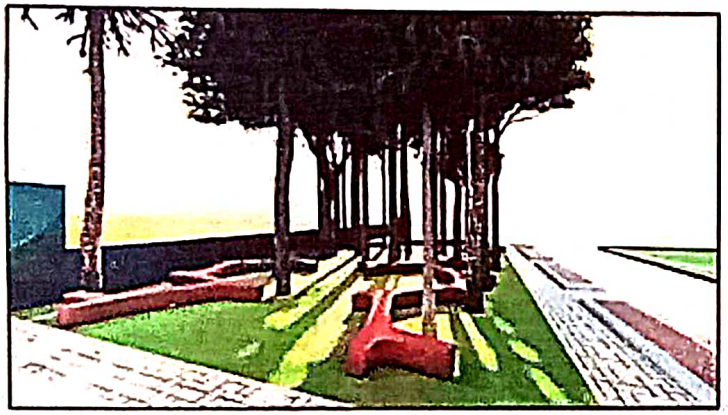
PIE CHART ANALYSIS

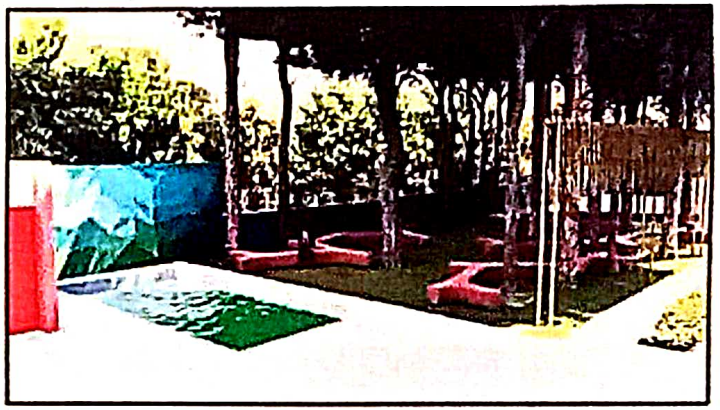
SAMPLE SIZE : 80 NOS.

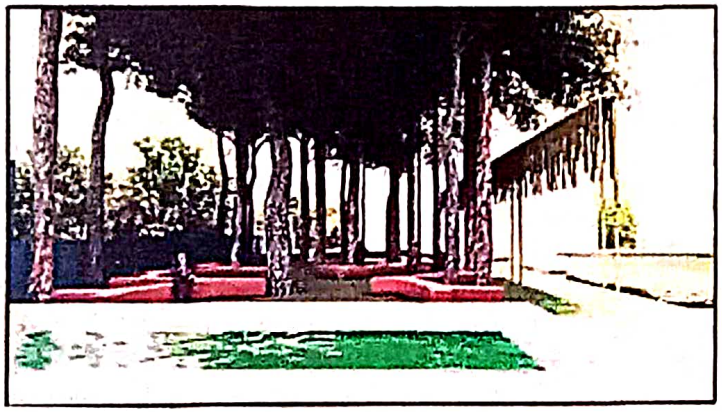
Campus Development Project

VIEWS

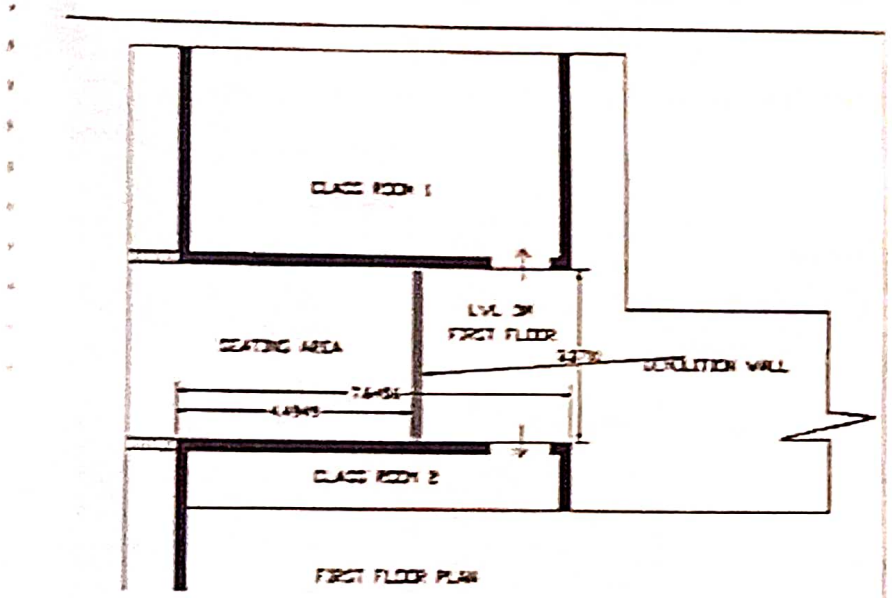


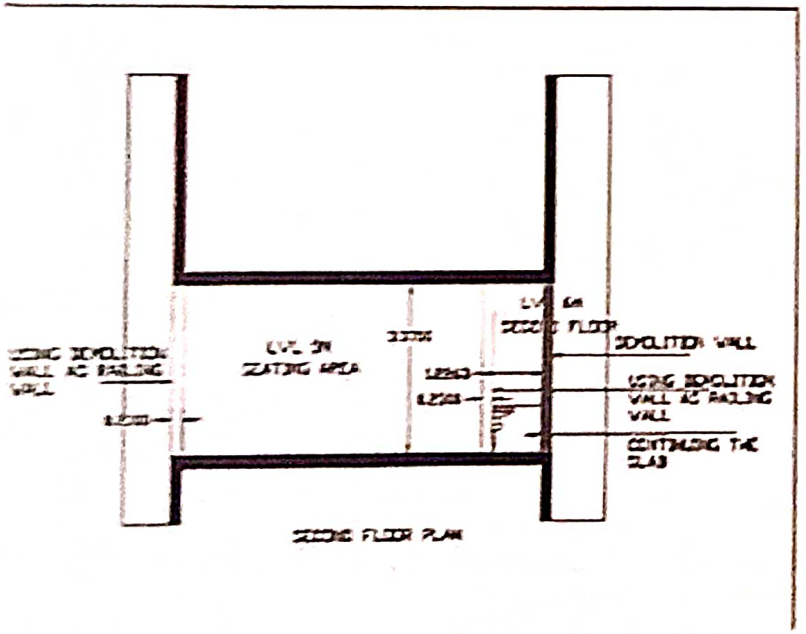






Campus Development Project





SIDE ELEVATION

TRANSITION SPACE BETWEEN TWO CLASSES

GROUP 1:-

BHARATH RAO
BHAVYA SUHALKA
PRANAV KUMAR
JEEBESH
HARSHINI
PAWAN S
KASHIF
PREETHAM
JASMINDHER
SANATH
ADARSH

VIEWS

VIEWS

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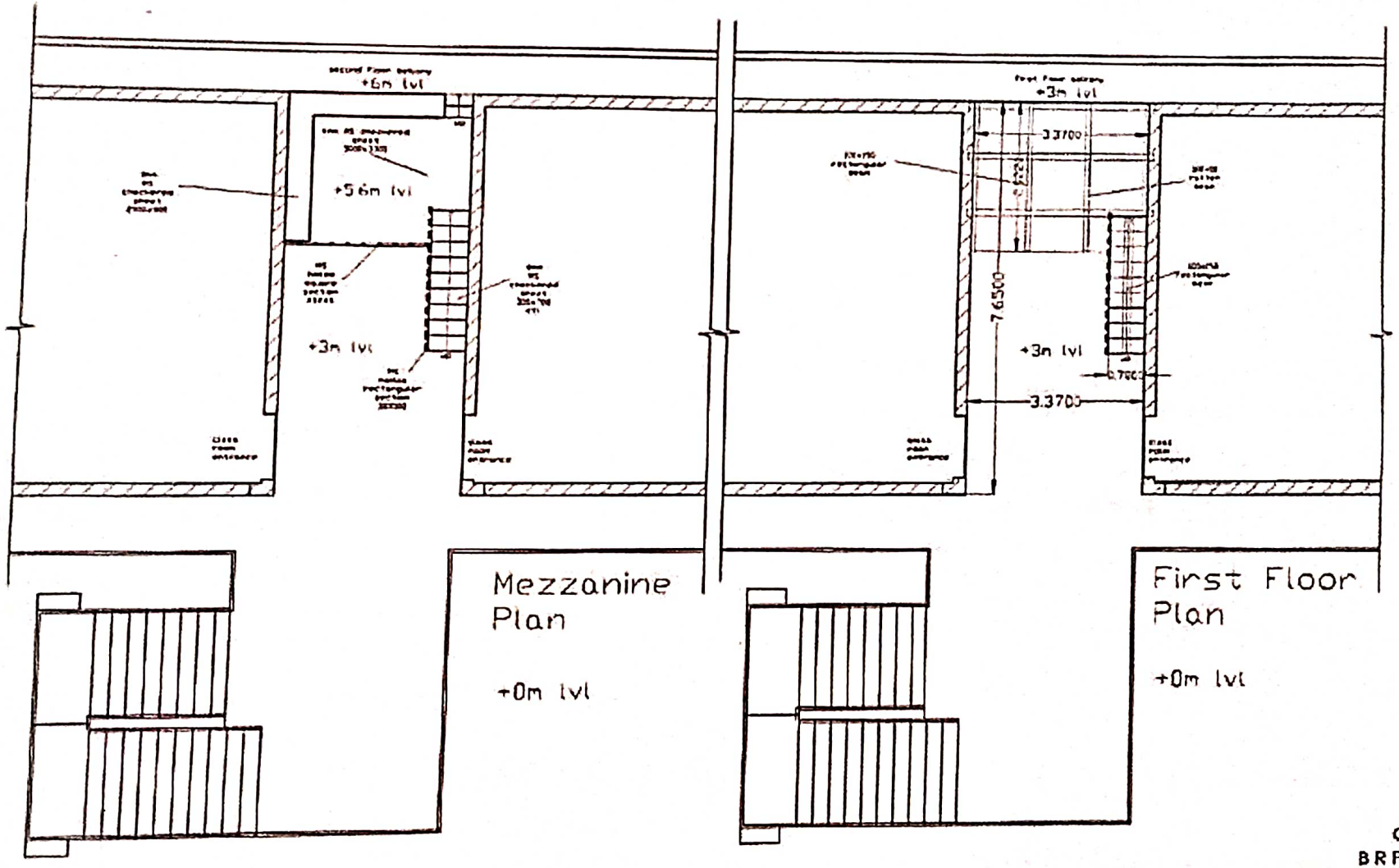
WORKING DRAWING



AREA

First Floor-25.78M²

Mezzanine -12.87M²

GROUP-6

B R Prajwal Kumar

Mrudula S

Ibrahim Khan

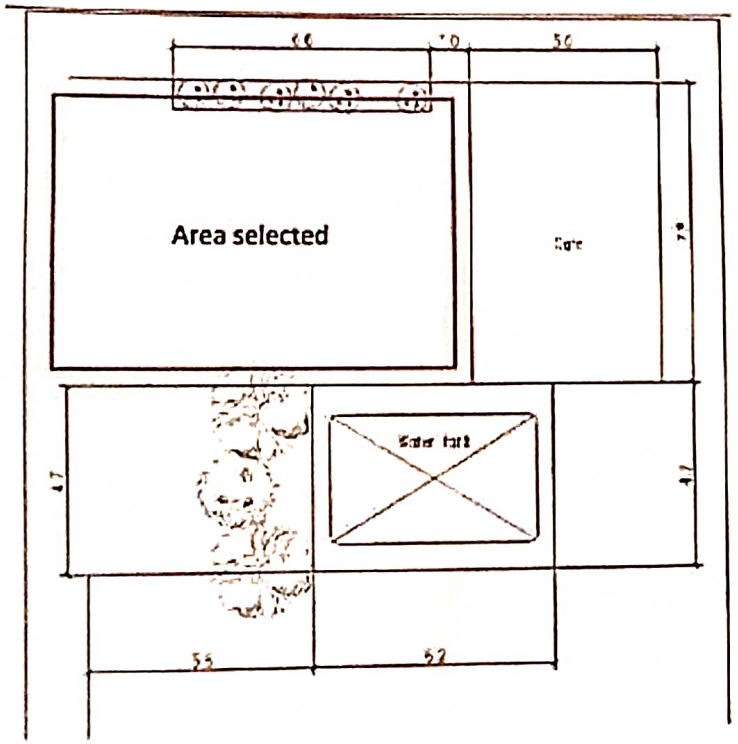
Yashaswini N

SUHAS S

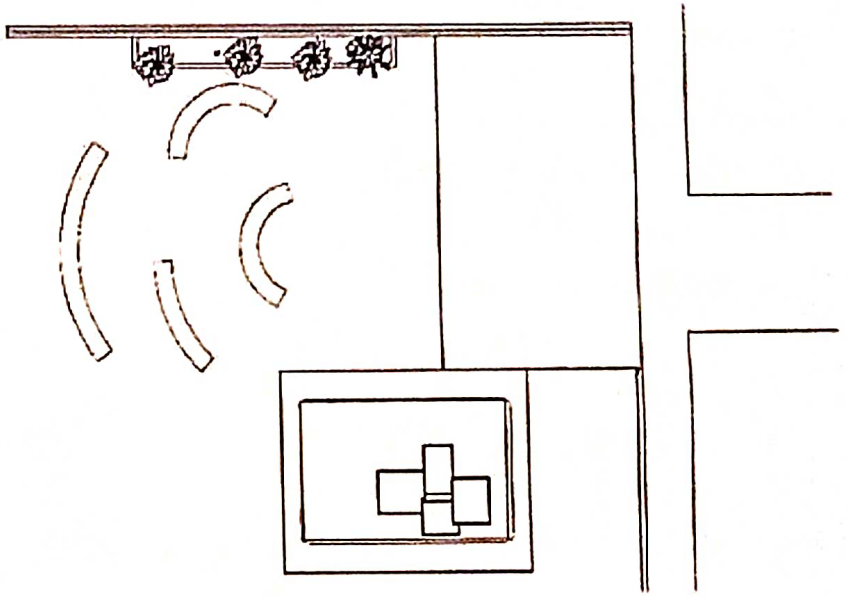
K S NIKHIL

Campus Development Project

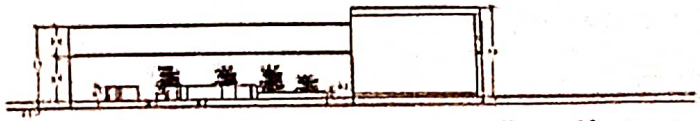
Site Plan



Floor Plan



Section

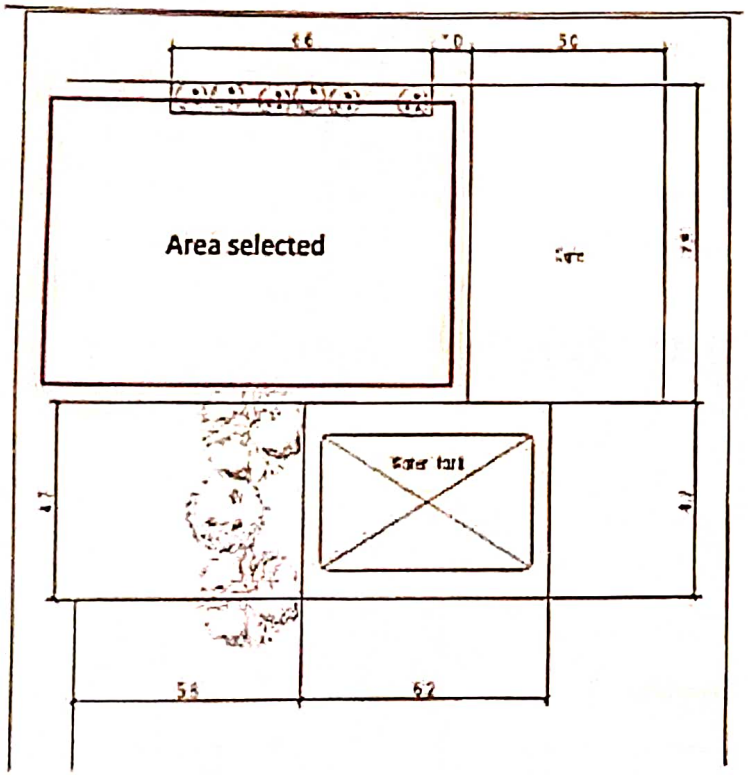


Plans & Section

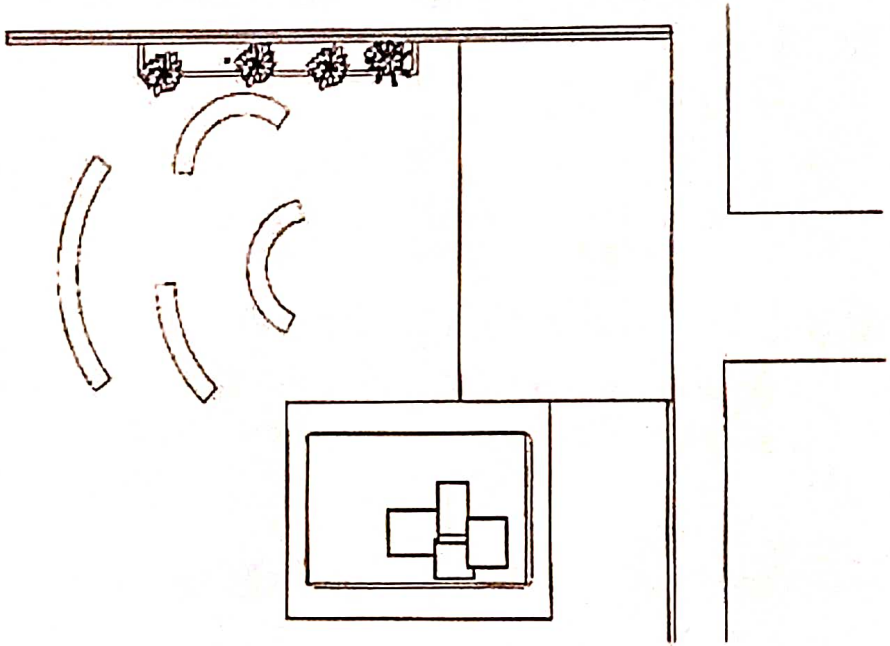
RanaKauser Anand
Srikanth Zama
Pranav Nair Trishla
Tejaswini Maaz

Campus Development Project

Site Plan



Floor Plan



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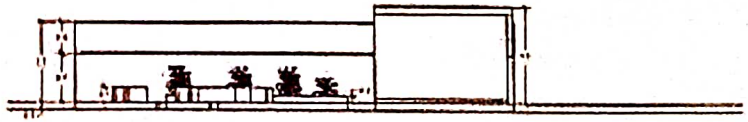


Plans & Section

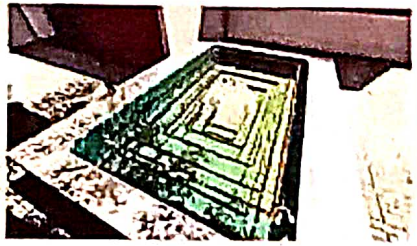
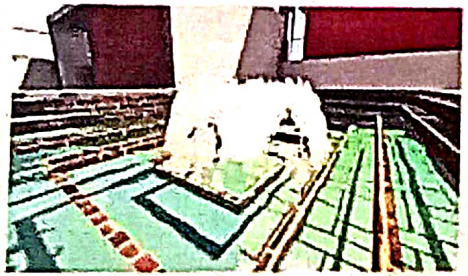
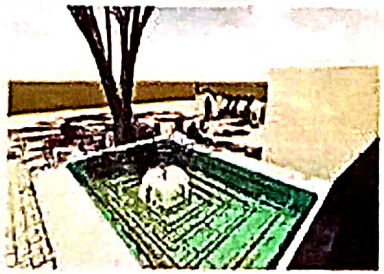
RanaKauser Anand
Srikanth Zama
Pranav Nair Trishla
Tejaswini Maaz

Campus Development Project

Estimation

Material	Price
1. Cob wall – 100 bags of mud	2500
2. Glass bottles - 500 bottles	1000
3. Steel - 75kgs (12mm bar)	3600
4. Cement - 5 bags	1500
5. Granite – waste pieces	500
6. Labor charge – 5 days (1 mason – 800 x5 = 4000) (1 helper – 500 x 10 = 5000)	9000
TOTAL	18100

Views – Water Feature

Views




Glass Bottles

Mud

BENEFITS

- Easily available
- Sustainable and can be reused and recycled
- Mud is an earthly material
- Can be used as an alternative to brick and concrete blocks.
- Glass bottles can also be recycled easily
- Adds an aesthetic look
- Cost effective

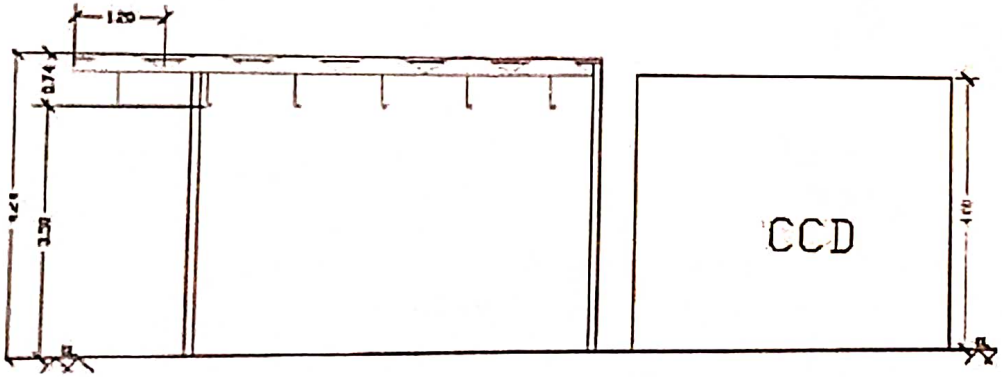
Views & Estimation

RanaKauser Anand
Srikanth Zama
Pranav Nair Trishla
Tejaswini Maaz

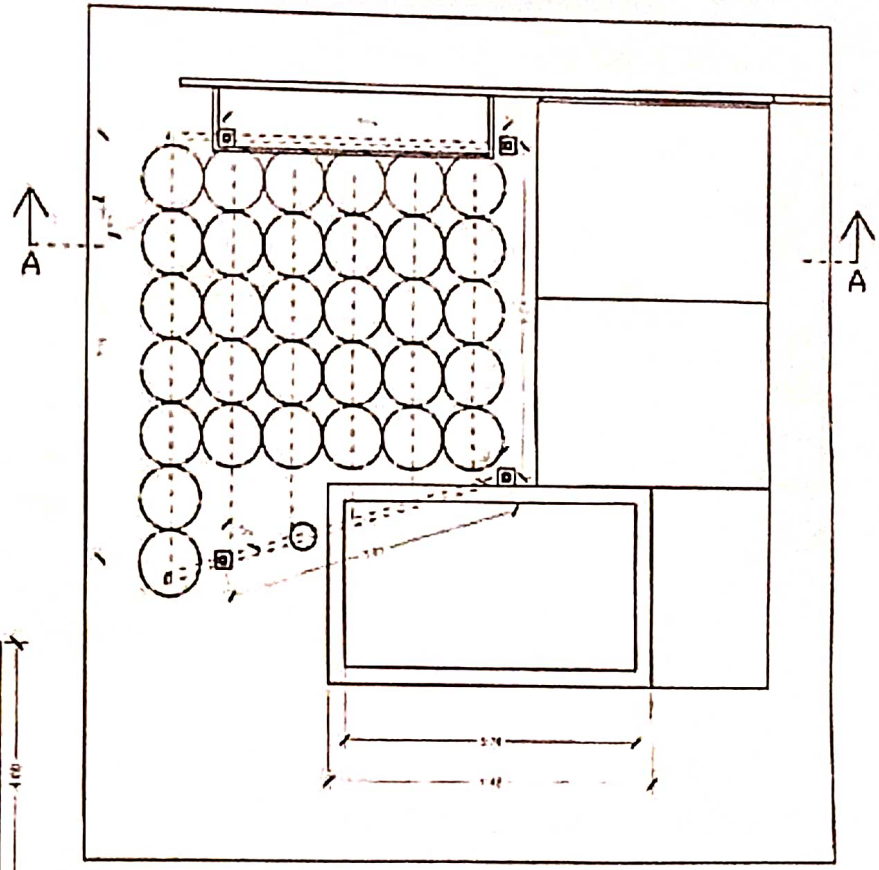
Campus Development Project

Quotation for Fabrication [COFFEE DAY]

Sl.No	Particulars	Total Numbers	Per Individual	Total
1	4" x 4" Box Section for Column [4mm thick]	12 - 4nos 170 Kg	120 Rs	21,024 Rs
2	6"x3" Box Section for beams (5mm thick)	23.54- 1nos 25 - 1 nos	43.54kg x 4.99 kg*1 242.27kg x 120 / kg	29,985 Rs
3	Steel wire rope [10 mm wire]	138.6 sqft	105/sqft	14,847 Rs
4	Civil work for Columns	4 nos	3754/Column	15,000 Rs
5	Clams and Buckle	Approx		5000 Rs
6	Umbrella	35 nos	180 Rs	6,000 Rs
7	Transportation	Approx		1,000 Rs
8	Paint	Approx		2,000 Rs
	Grand Total			84,600 RS



SECTION @ AA SCALE 1:50



PLAN SCALE 1:100

Plan Section & Estimation

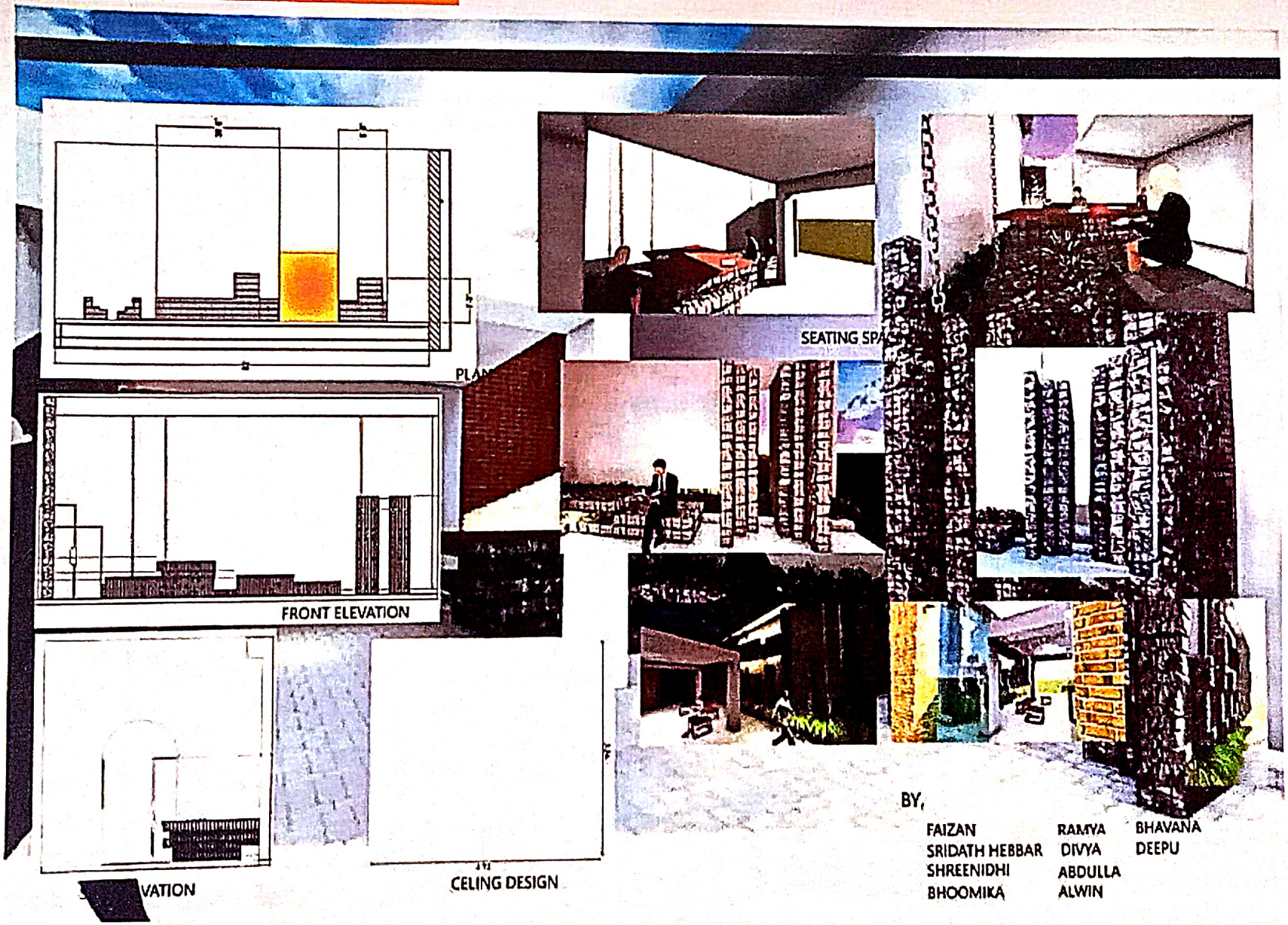
Ashwin Anusha
Binisha Harshitha
Jaisurya Nithya
Shradha Varshini

Campus Development Project

Views

Ashwin
Binisha
Jaisurya
Shradha
Anusha
Harshitha
Nithya
Varshini

Campus Development Project



BY,

FAIZAN
SRIDATH HEBBAR
SHREENIDHI
BHOOMIKA
RAMYA
DIVYA
ABDULLA
ALWIN
BHAVANA
DEEPU

Campus Development Project

PROBLEMS

THE FACADE LACKS MAINTENANCE WHICH CUTS OFF THE AESTHETICS OF THE FACADE .

ANOTHER DRAWBACK OF THE FACADE IS THE INHABITATION OF THE PIGEONS WHICH CREATES FOUL SMELL THEREFORE RUINING THE USAGE OF THE SPACE.

THE CORRIDOR SPACE THAT CAN BE ACCESSED FORM THE CLASSROOM HAS BECOME A DEAD SPACE.

AIMS

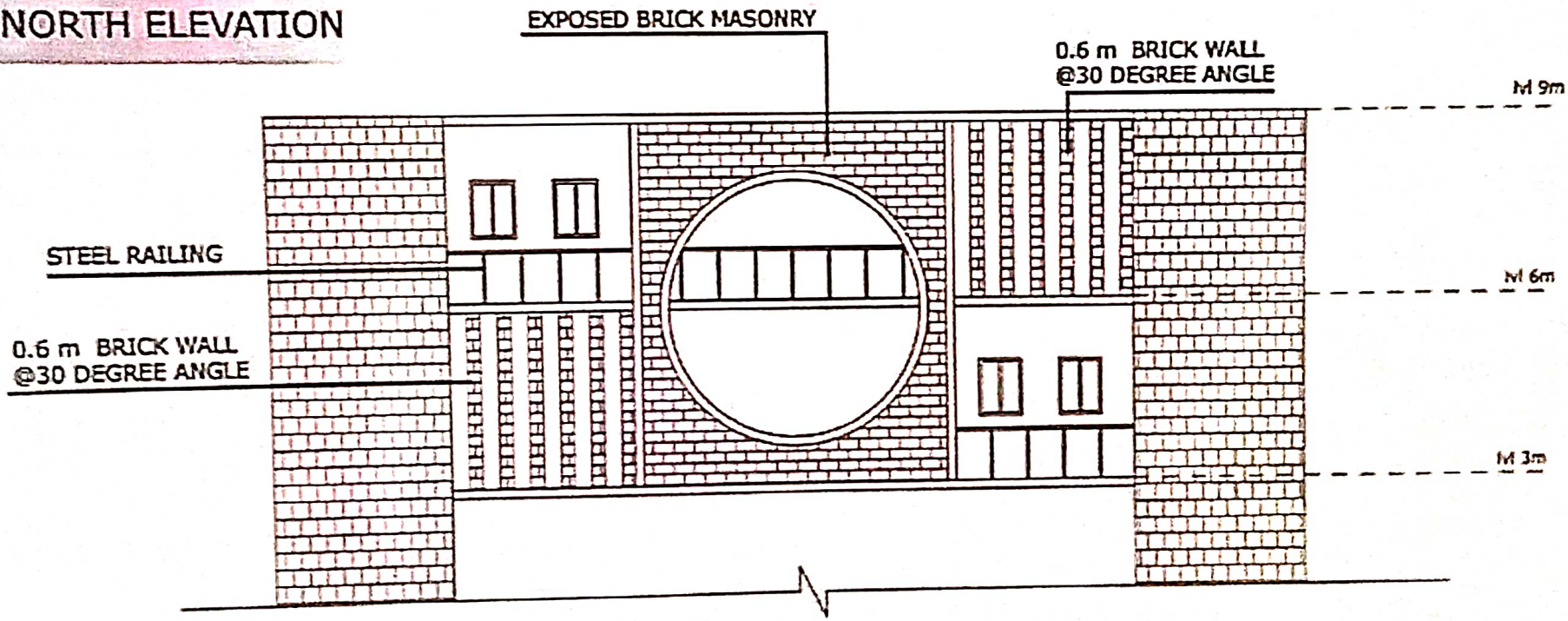
CREATING ROOM FOR AN OPPORTUNITY TO INHABIT THE SPACE

IMPROVING THE AESTHETIC OF THE FRONT FACADE

VISUALLY CONNECTING THE CORRIDOOR SPACE TO THE ART COURT IN GROUND FLOOR

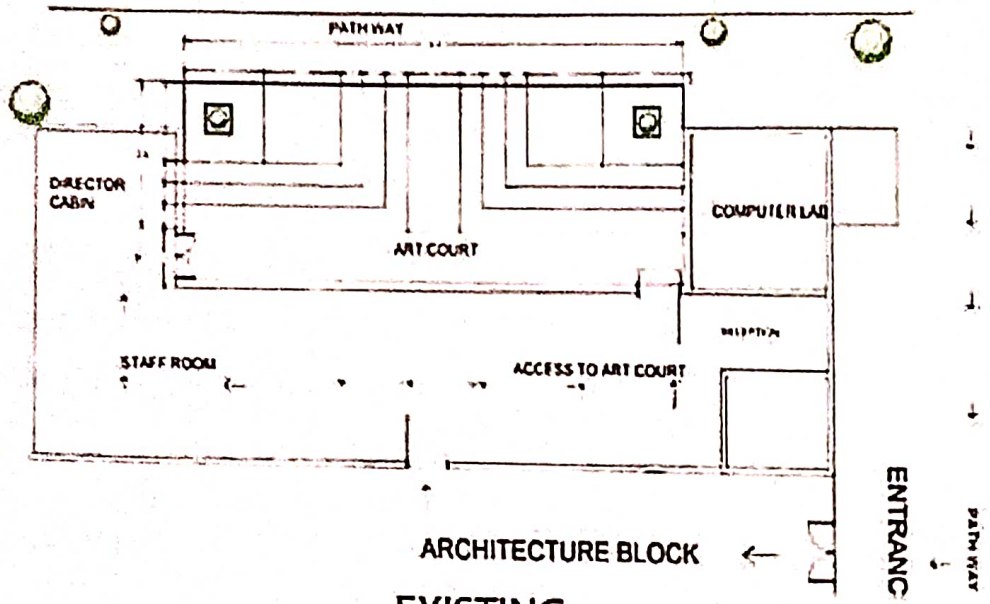
USING SUSTAINABLE MATERILAS LIKE MUD BLOCKS.

NORTH ELEVATION

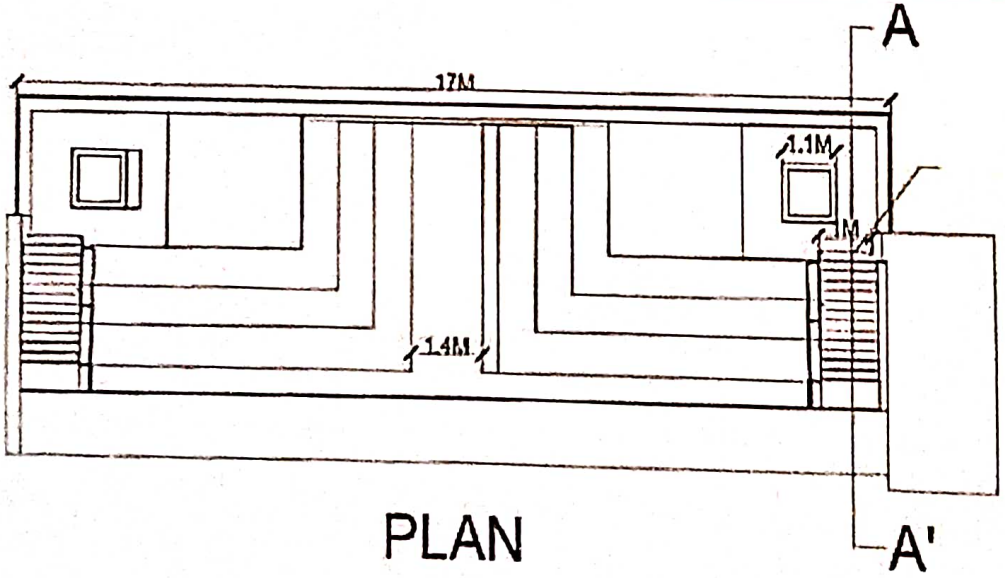


Campus Development Project

Campus Development Project

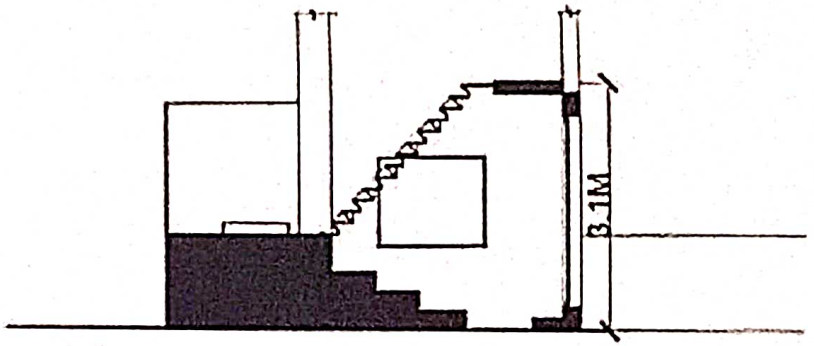


EXISTING

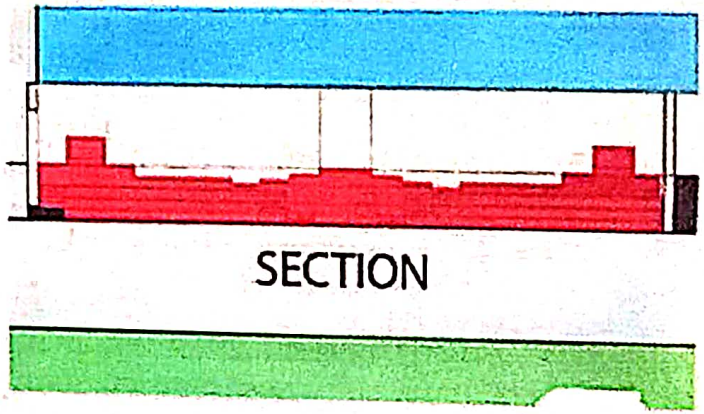


PLAN

ART COURT



SECTION AT A A'



SECTION

MATERIALS AND ESTIMATION

STEEL
GLASS FOR THE FAÇADE TO THE ARTCOURT ENTRACE
ESTIMATION
60000-70000

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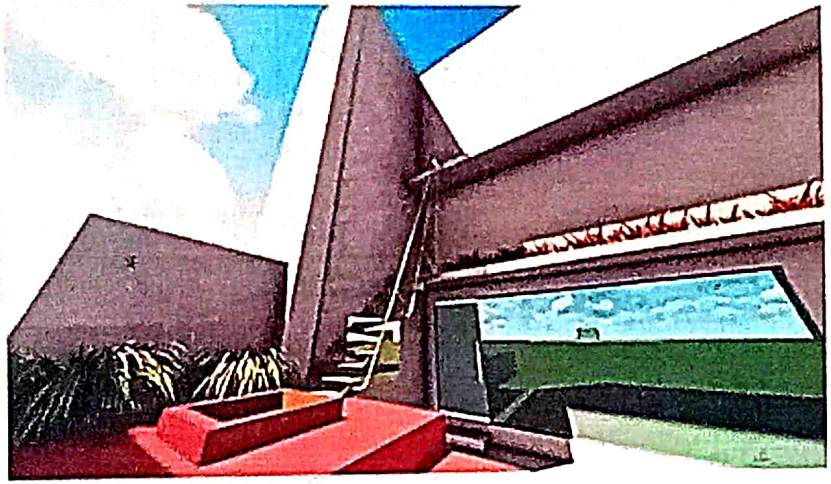
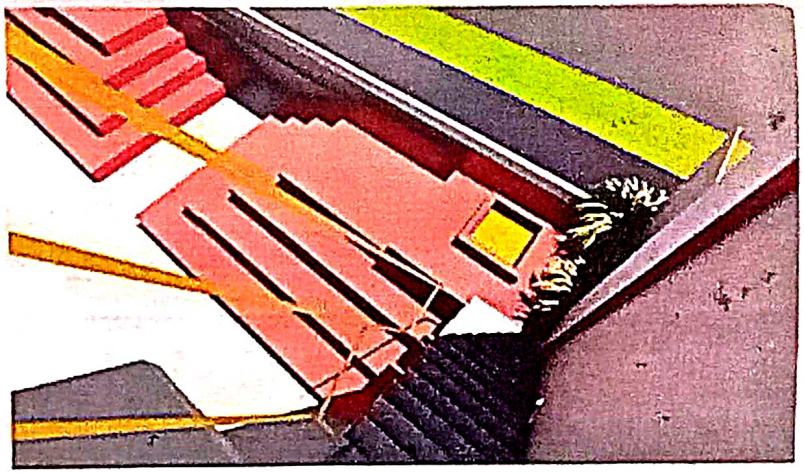
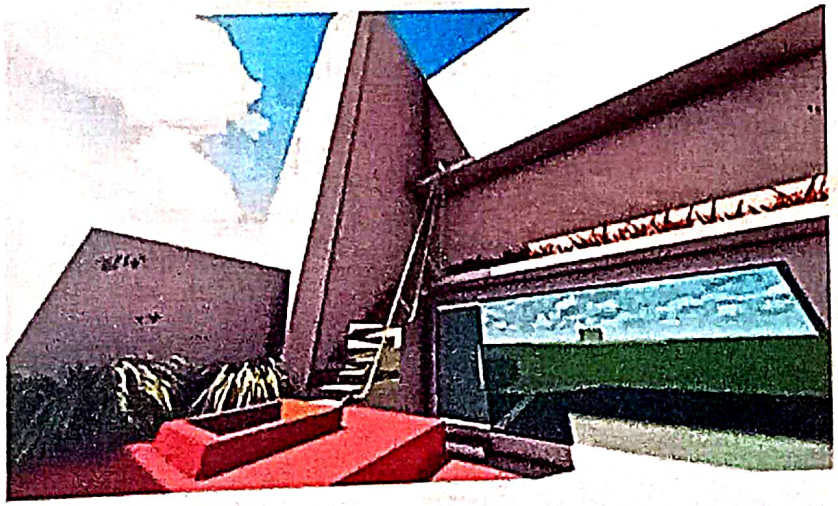
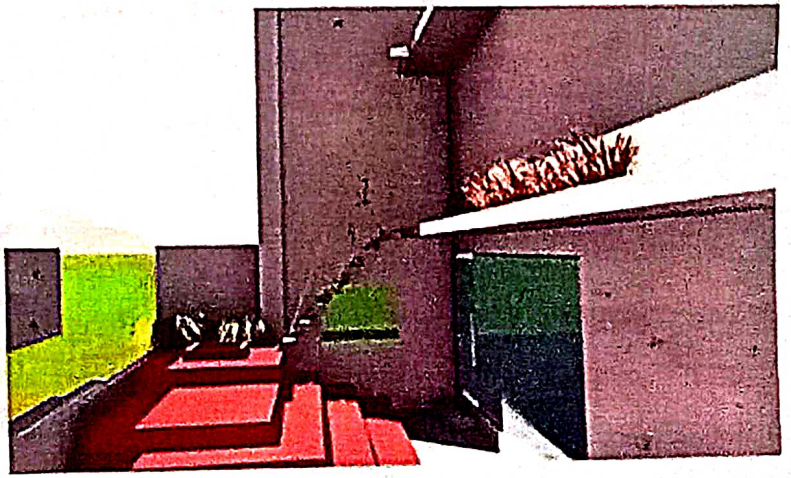
RENDERINGS









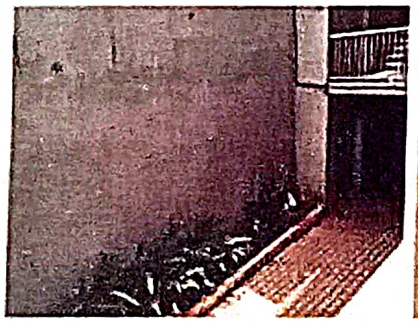
Campus Development Project

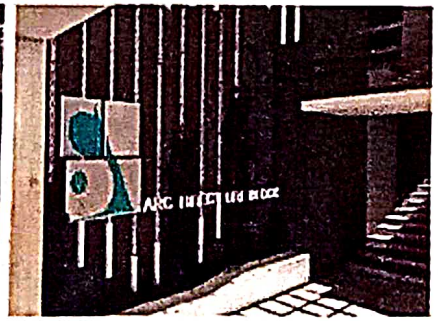
GROUP-8 [CENTRAL ATRIUM]

CENTRAL LOBBY SPACE

PROJECT DESCRIPTION

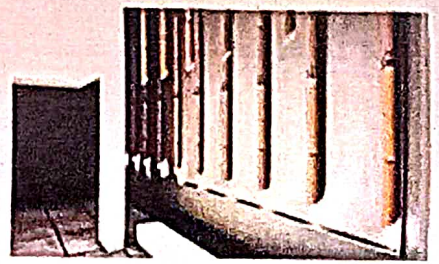
THIS IS A INSTALLATION WORK FOR A ENTRANCE LOBBY TO CREATE GOOD AESTHETICS AND PLEASING ATMOSPHERE. THERE IS AN OPEN SPACE WHICH HAS A BLANK WALLWITH TEXTURE ON IT.
VISITORS ARE WELCOMED TO THIS BUILDING VIA THIS ENTRANCE LOBBY

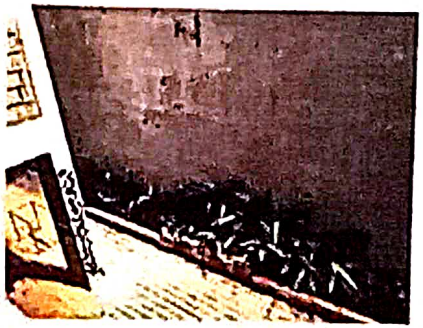


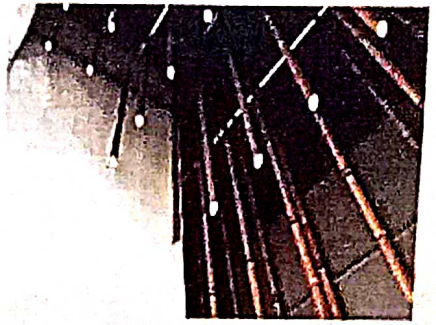


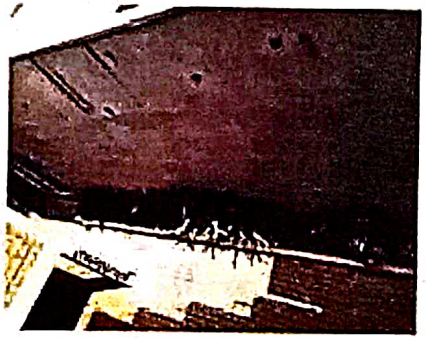
BEFORE

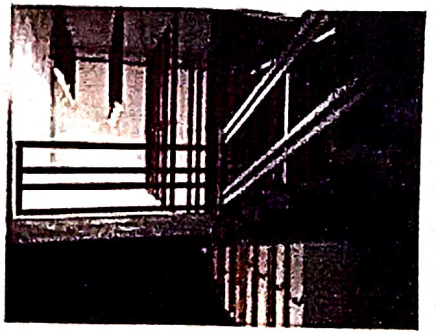
AFTER

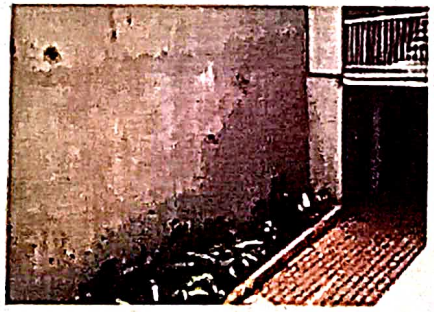


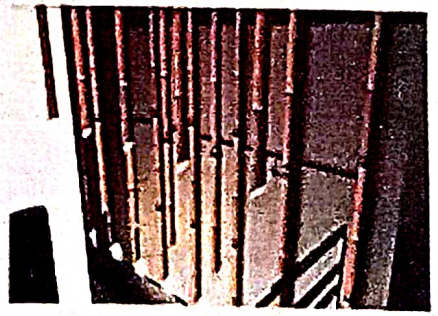




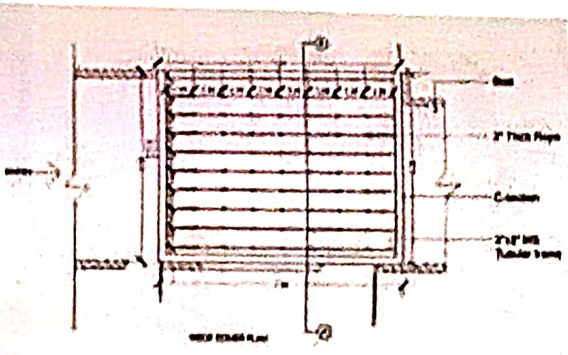




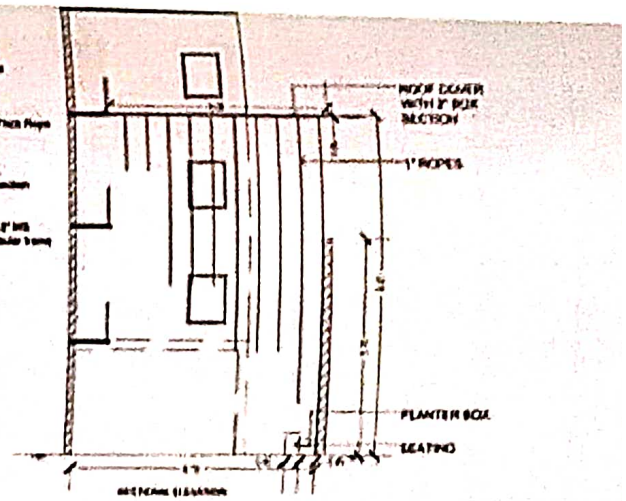




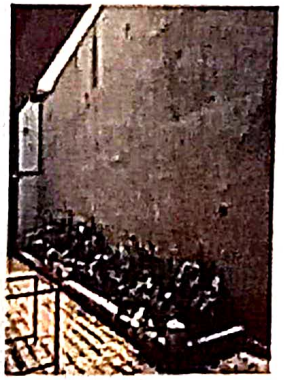
Campus Development Project



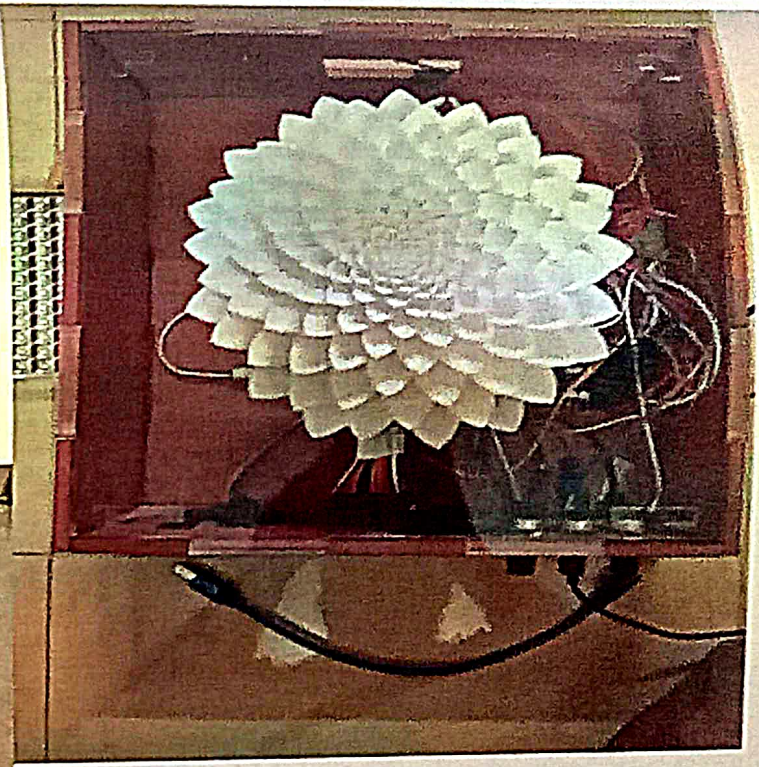
ROOF PLAN

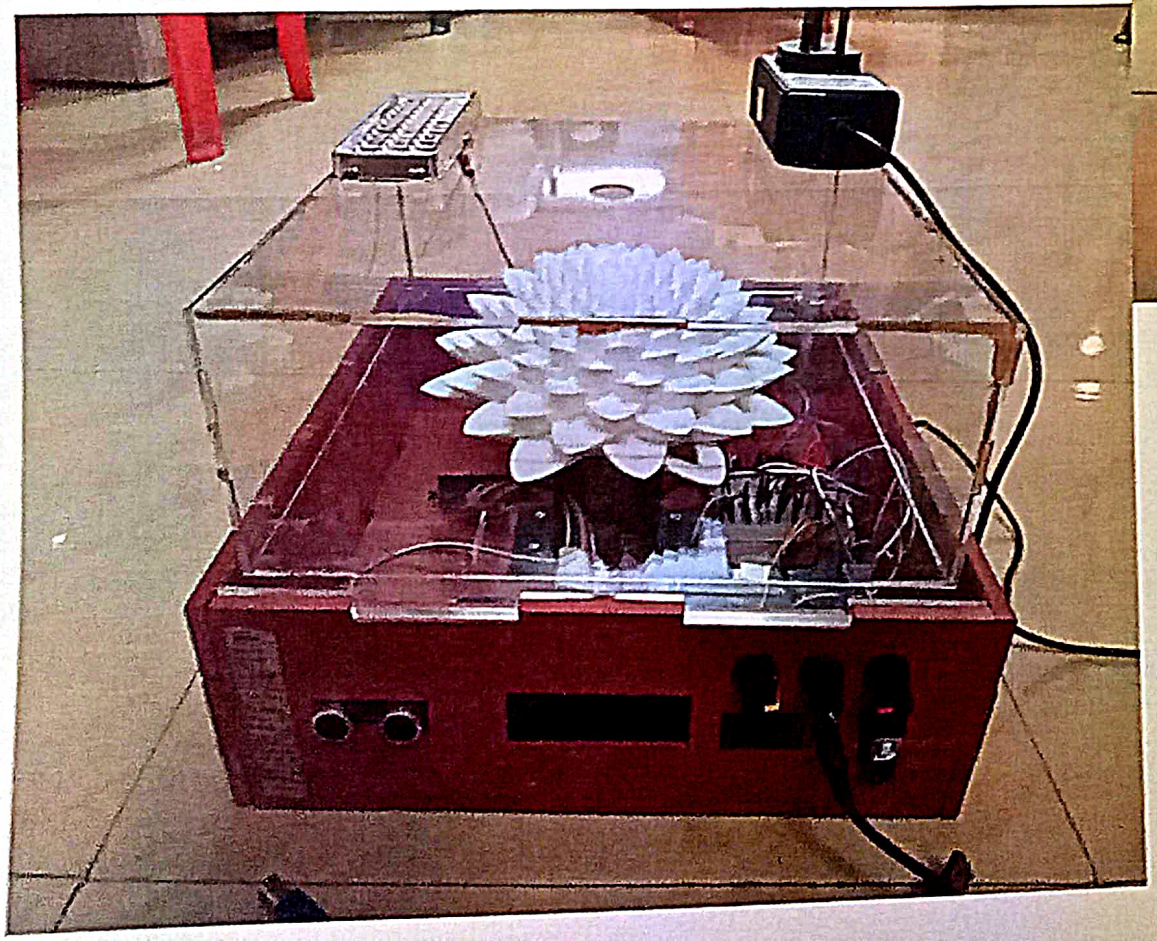


SECTION

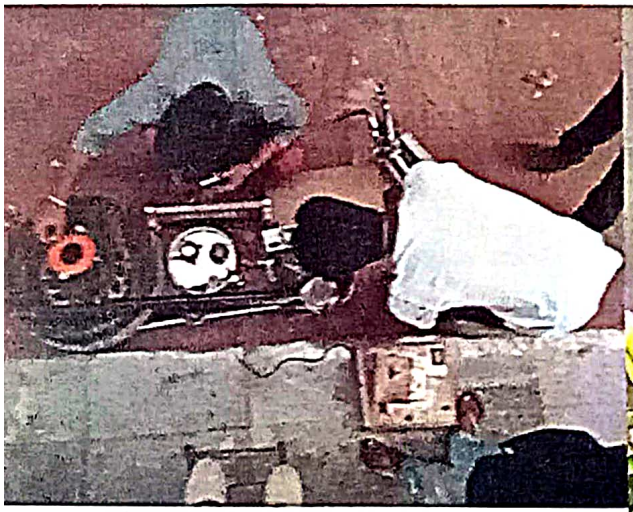


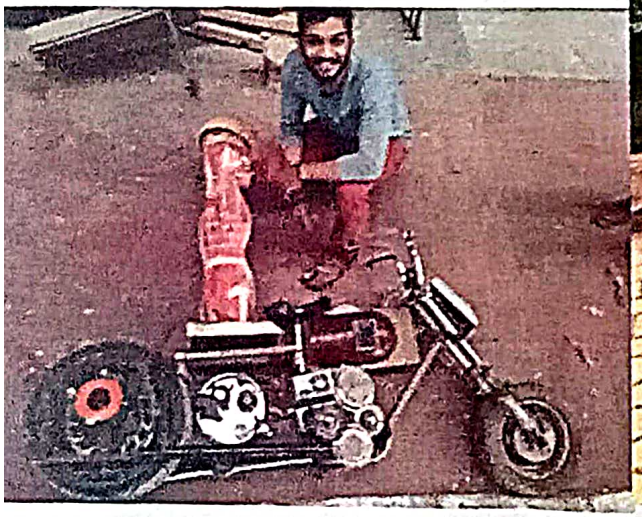
PHYLOTAXI BLOOM PROJECT



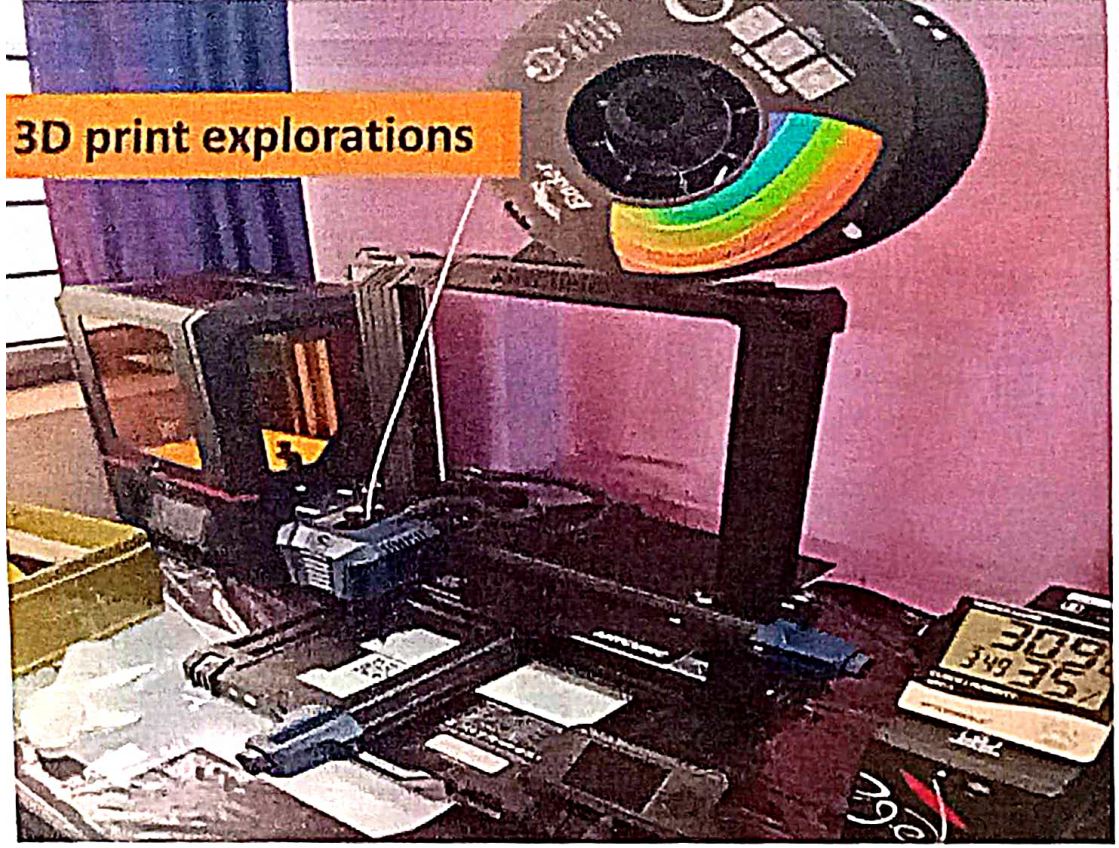


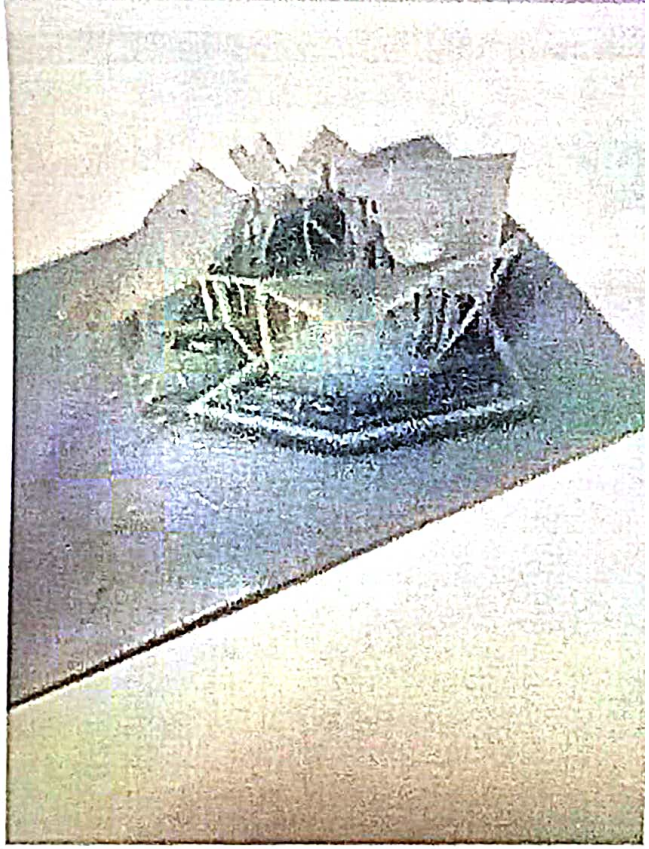
Bike installation out of Scrap

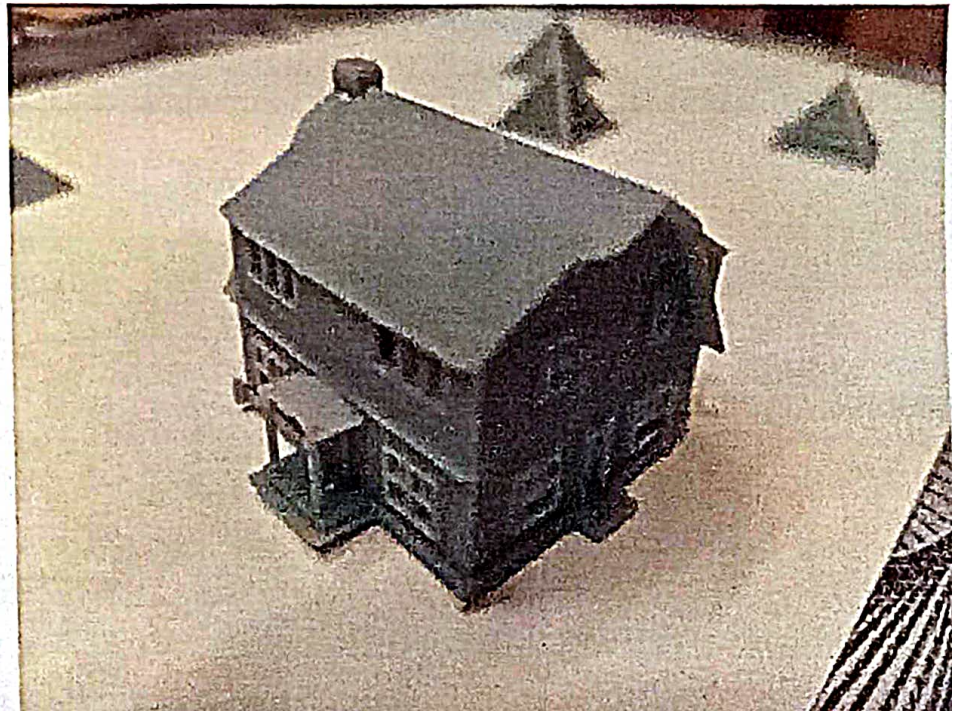




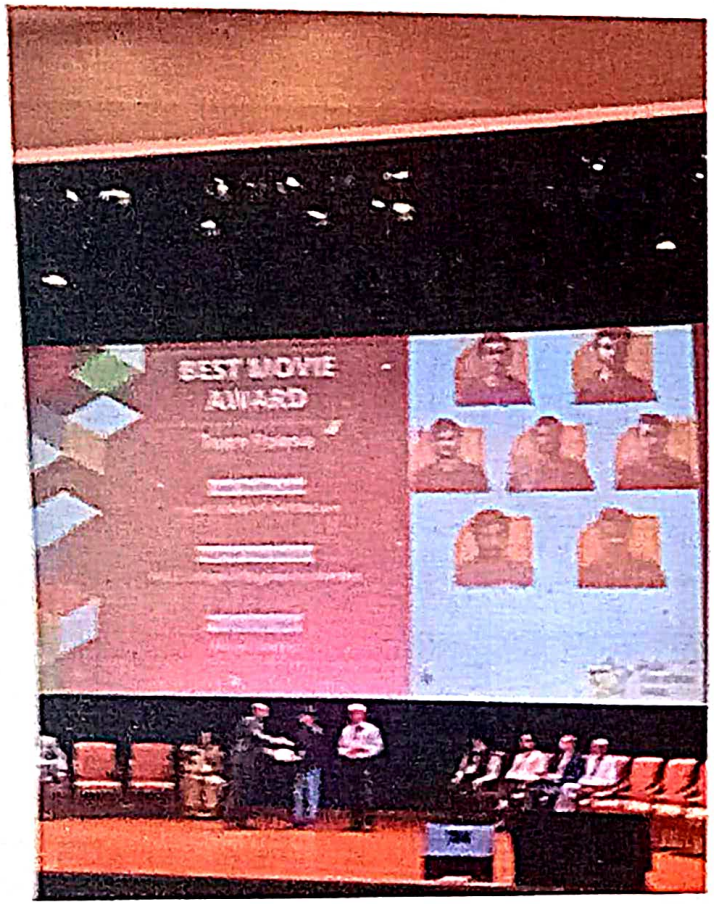
3D print explorations

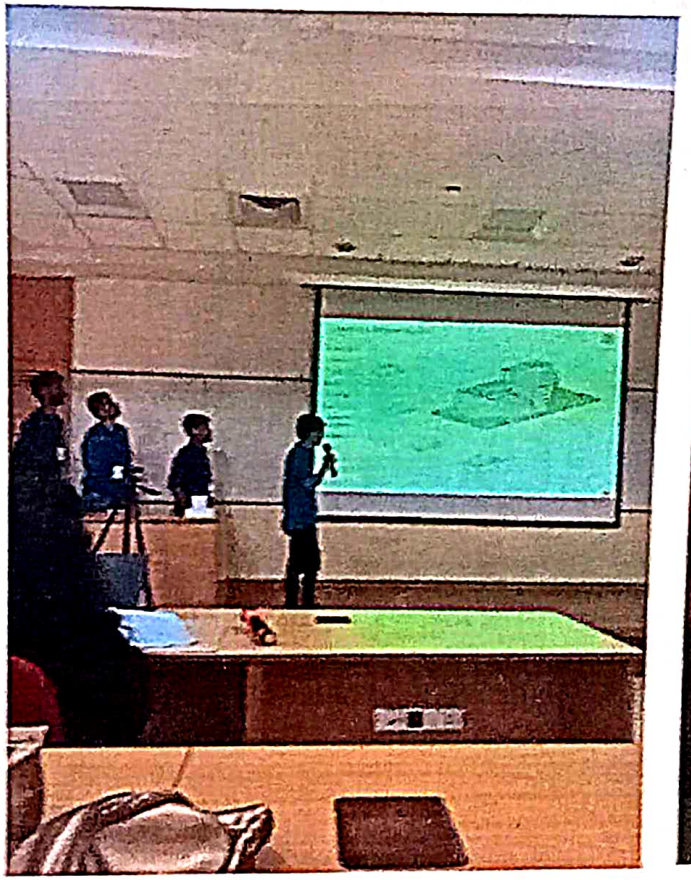






Solar Decathlon Project - Presentation and Trophy





4. Conclusion:

In conclusion, the Innovation Club's multifaceted approach to campus development and product design has significantly enriched the student experience. The club's initiatives reflect a commitment to innovation, sustainability, and creating spaces that inspire creativity and collaboration. As the club continues to evolve, it remains a driving force in shaping the future of the campus environment and fostering a culture of innovation among students.