



Sinhgad Institutes

SINHGAD TECHINICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE,
PUNE

NAAC accredited

Abhivyakti

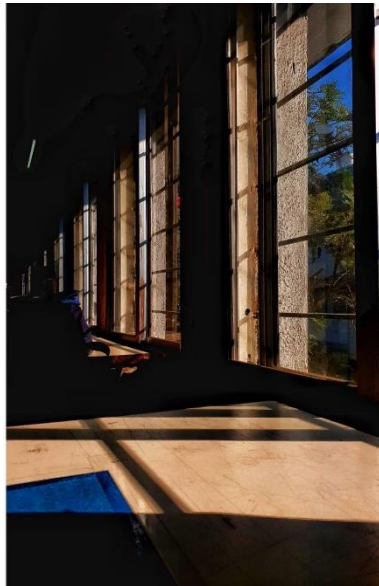
The annual magazine 2020-21

Recognized by Govt. Of Maharashtra

Approved by Council Of Architecture

Affiliated to the Savitribai Phule Pune University, Pune

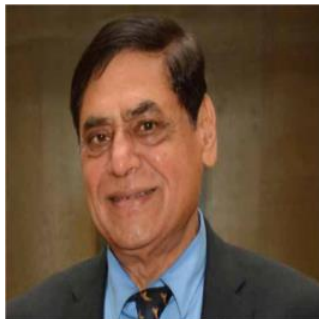
(ID NO.PU/PN/Eng/1512000)



MESSAGES FROM OUR LEADERS

Prof. M. N. Navale

*Founder President,
Sinhgad Institutes*



Dear Student,

At the outset, I congratulate you for getting admission in our prestigious Institute and extend a warm welcome.

You and other young aspirants have taken a right decision to pursue career oriented professional courses.

At Sinhgad Institutes, right from inception we have always endeavoured to provide education in all the fields par excellence, adopting latest technology and teaching aids, keeping pace with the global academic advancements. Sinhgad Institutes have, over a period time established excellent educational campuses, having infrastructure facilities, one of the best in the country, conducive for learning.

Our dedicated Faculty and staff will support you every step of the way and our doors are always open to guide you forward.

I wish you and other young aspirants all the success for achieving the career goals you have desired.

Dr. Sunanda M. Navale

*Founder Secretary,
Sinhgad Institutes*



Dear Student,

It gives me immense pleasure to welcome you to Sinhgad Institutes. You have chosen your campus wisely. Sinhgad Institutes is renowned for academic excellence. Your success is of paramount importance to us. We place you – our student – at the centre of everything. As you begin a beautiful new chapter in your life, I wish to share some advice with you.

First & foremost: Remember time flies. Before you realize, your college days would be over. So, make the best of your time at Sinhgad Institutes.

Secondly, you should be responsible for whatever you do. You should attend lectures, labs, tutorials, do your assignments, develop and follow your study plan, participate in competitions – both academic and non-academic, make friends – some will become your long friends – in short, take responsibility of yourself and move progressively ahead to achieve your dream goals.

Thirdly; understand, accept and adapt to change. In this dynamic world there is only one constant and that is 'change'. Change is usually a positive necessity and will possibly empower you for success. The idea is to stay moving and stay growing and you will surely be a winner.

Wishing you happiness and success.

MESSAGES FROM OUR LEADERS

Mr. Rohit M. Navale

*Vice President (HR),
Sinhgad Institutes*



Dear Student,

As you commence your educational journey with us, you will be proud to know that your Institution–Sinhgad Institutes is amongst:

The biggest education conglomerate in the country

With highest intake of undergraduate engineering students amongst unaided private institutions in the entire State of Maharashtra.

Highest number of students pursuing post graduate and doctoral studies in University recognized research Centres in almost every campus.

Largest batch size for MBA in the country –batch of 600 in just One institute itself.

Largest alumni base spread across the globe, with our alumni in practically every MNC –a powerful network of 2,00,000 + alumni

Very extensive corporate connect.

Sinhgad Karandak - known for glamour, glitz and Celebrities ,is the largest event in the region.

At Sinhgad Institutes, we believe that size and scale does matter When it comes to education.

We inspire you to think big, dream big, set big goals and Achieve bigger.

Wishing you all the best.

Mrs. Rachana Navale Ashtekar

*Vice President (Admin)
Sinhgad Institutes*



Dear Student,

Welcome to Sinhgad Institutes.

You are now part of the rich, vibrant culture of Sinhgad Institutes.

Life in our campus is not limited to academics alone, but to all round development. When you step into our campus, you will observe that it is teeming with activities – student organizations, clubs, sports, athletics, exhibitions, performances, social service events and so on. You will soon realize that here at Sinhgad Institutes, we register patents, our students begin start-up companies, participate in regional, national and global competitions and become global champs, write articles, books, give performances, go on treks, mount exhibitions etc – making your campus the most happening place in the city. All this and more is facilitated by your dedicated faculty, mentors always available To guide you ahead towards your cherished goals. When you look around, you will find the world is here in your campus; students from not only across the country but from 46 countries across the globe are here in your campuses. We have MOUs with many Asian and European Universities. You have now become part of an engaging national and global network of students, associates and industry partners. You have ample of opportunities to meet, interact and learn from some of the best resources in the world. These are your privileged, critical years. Make the most of it and you will surely emerge a winner for life. Wishing you a wonderful learning experience ahead.

**Faculty Coordinators:**

Ar. Avani Topkar

Ar. Tejaswini Jangale

Student Editorial Team :

Shreya Shukla

Nikhil Sahu

FROM THE PRINCIPAL'S DESK

Sinhgad College of Architecture was established in 2000 in self-contained campus on a scenic and tranquil hillock in Pune city with the objective of bringing forth the best education and to create architects who can take up the task of visualizing and designing humane habitat with confidence and integrity.

We are publishing the annual magazine Abhivyakti since inception of the college with few years of discontinuation in between. This year, in spite of pandemic, with online teaching mode without physically interacting with students, we forwarded to continue our mission of publishing the magazine. We all hope for the normalization of the situation, and wish to come up with the magazine next year with all sections.

Dr. Banani Banerjee, Principal**FROM THE STUDENT EDITOR**

The world as we know it changed when a pandemic forced us to re-think our ways of life. The SCOA family took it as a challenge and emerged glorious in these adverse situations. The students are eternally grateful to our Principal, our teachers, the management and the administrative staff at SCOA, it is because of them that we continue our journey of learning across city and state borders, online.

Shreya Shukla B.Arch. IV Year D

OUR VISION

"create an milieu for crafting sensible &
responsible architects for the society"

OUR MISION

committed to offer a conducive academic
environment
to

LEARN, DEMONSTRATE & PROGRESS
for

both students and teachers

OUR OBJECTIVES

to provide all-round development & excellence
in

curricular program, co-curricular activities &
extra-curricular activities



CONTENTS

- STES
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- ARCHITECTURAL COMPETITION ENTRIES
- CO CURRICULAR ACTIVITIES
- LITERATURE
- SKETCHES / PHOTOGRAPHY
- CLASS PHOTOGRAPHS



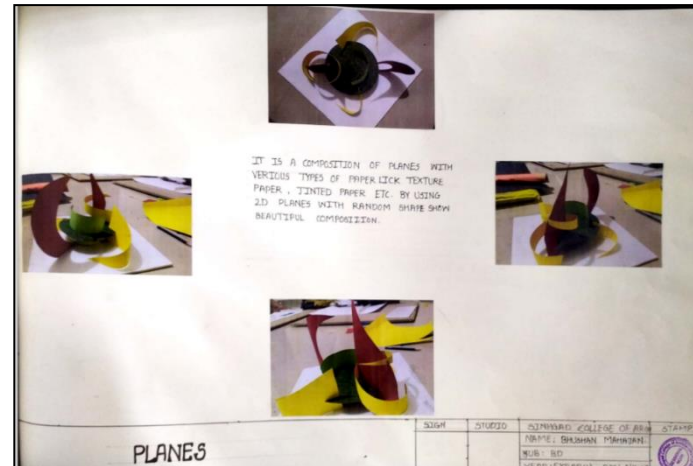
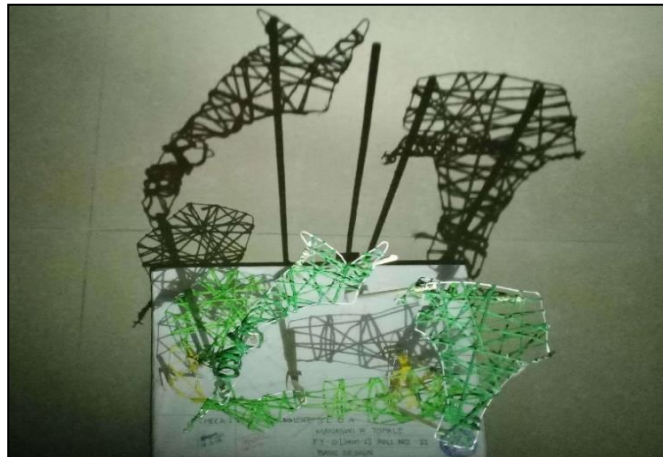
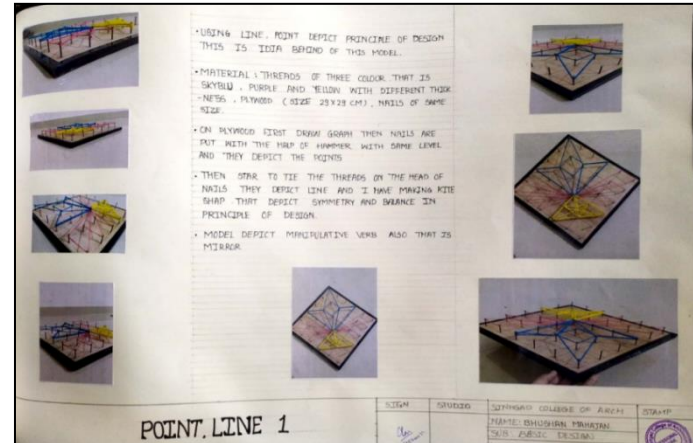
ACADEMIC WORKS

FIRST YEAR



ACADEMIC WORKS

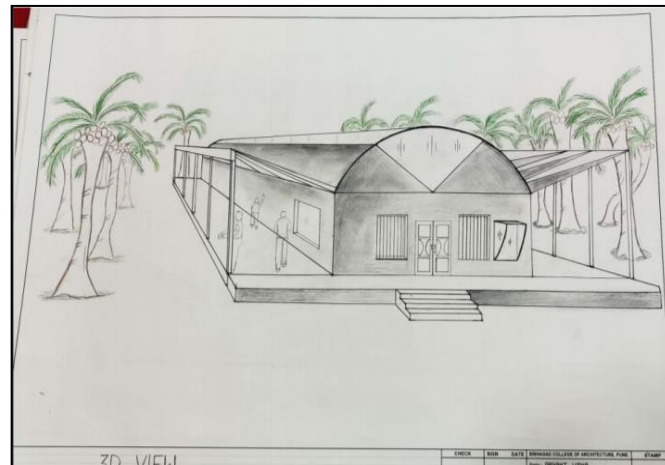
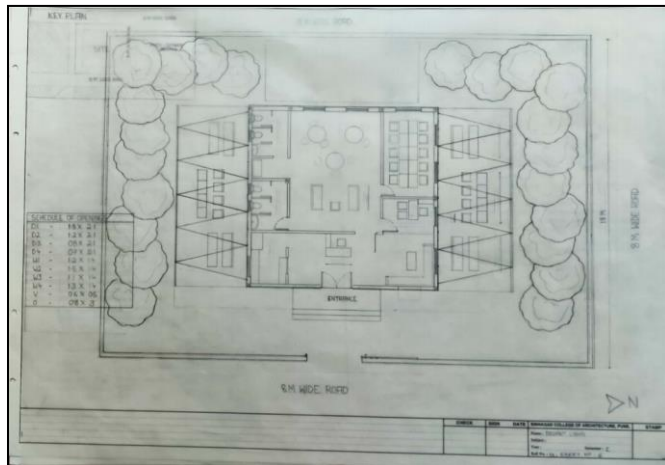
FIRST YEAR B.Arch.
BASIC DESIGN - I



MANASWI TOPALE, FIRST YEAR- D

BHUSHAN MAHAJAN, FIRST YEAR - B

DESIGN - I

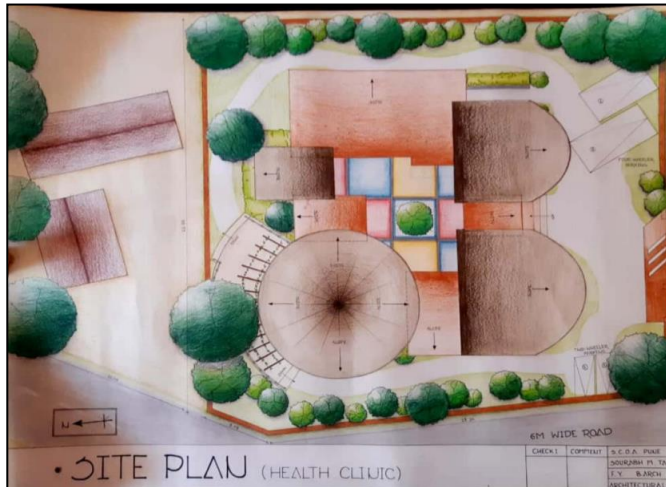


ARIHANT LODHA, FIRST YEAR

ACADEMIC WORKS

FIRST YEAR B.Arch.

DESIGN - I

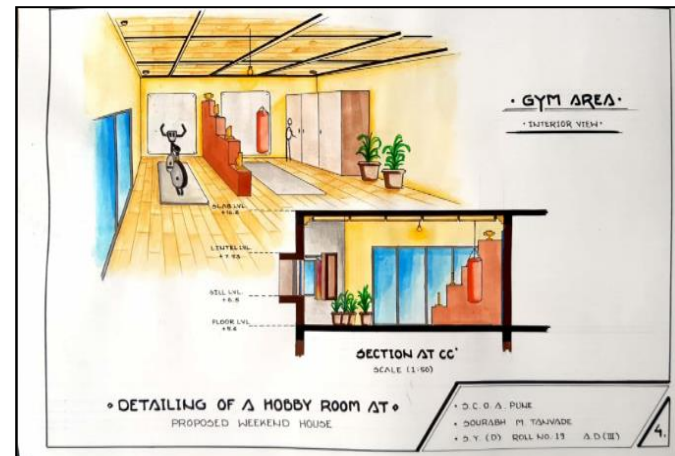
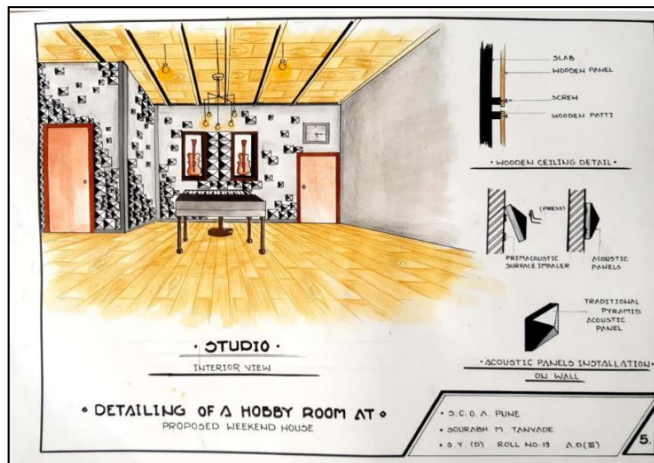
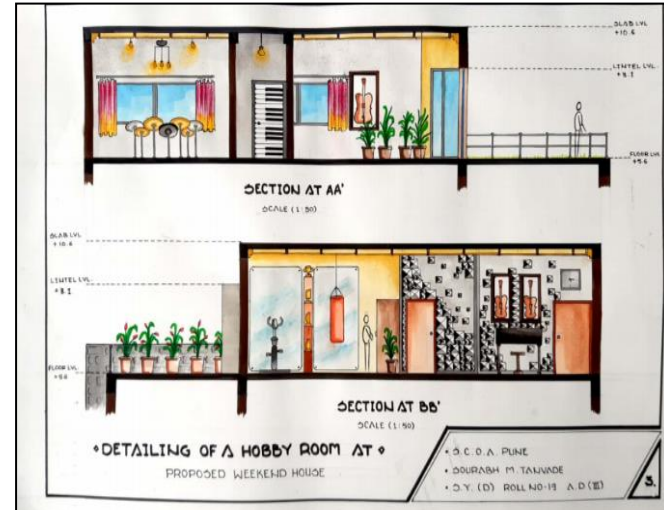
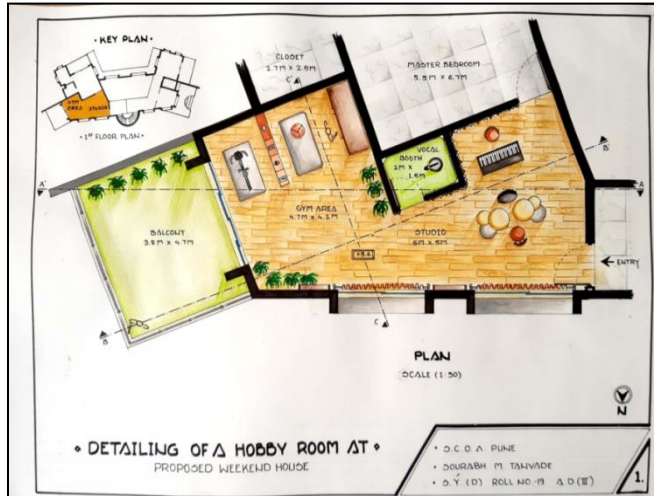


SOURABH TANAVDE FIRST YEAR-D

ACADEMIC WORKS

FIRST YEAR B.Arch.

A.D. - II

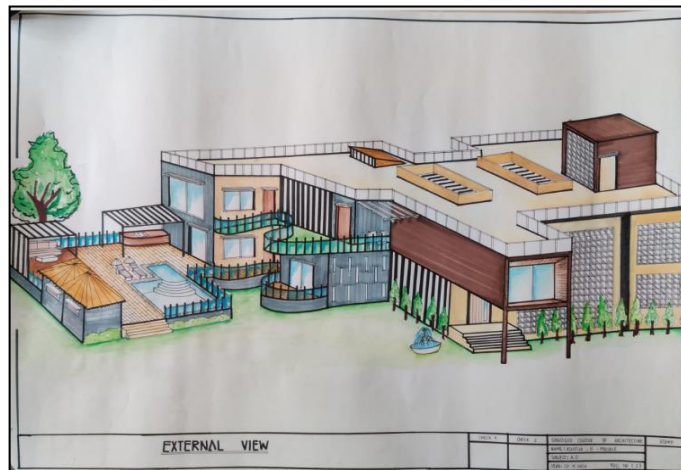
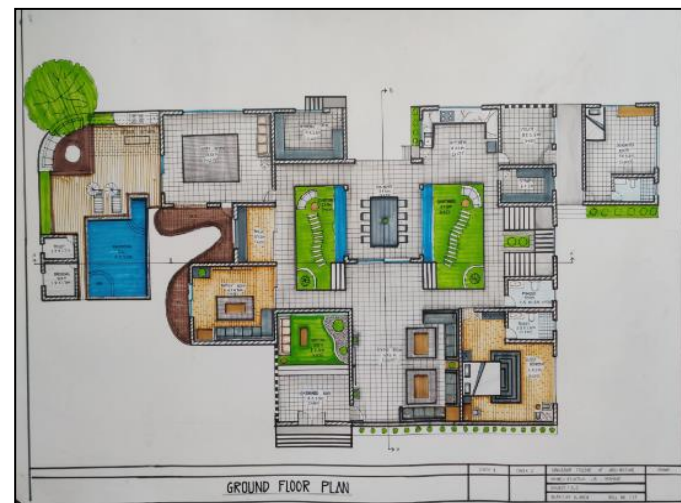


SOURABH TANVADE, FIRST YEAR

ACADEMIC WORKS

FIRST YEAR B.Arch.

A.D.- II

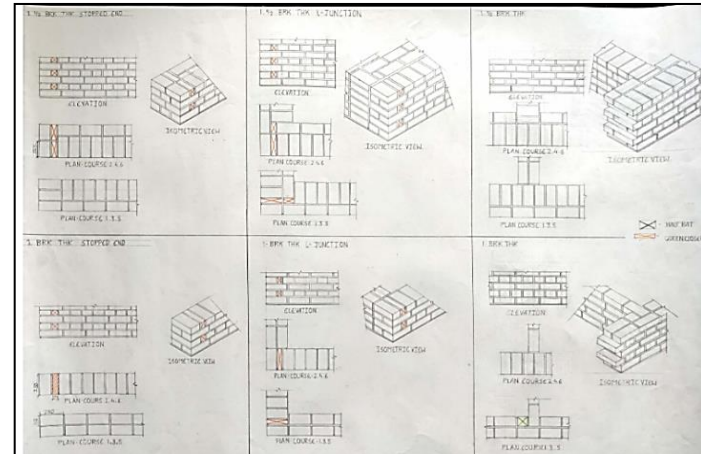
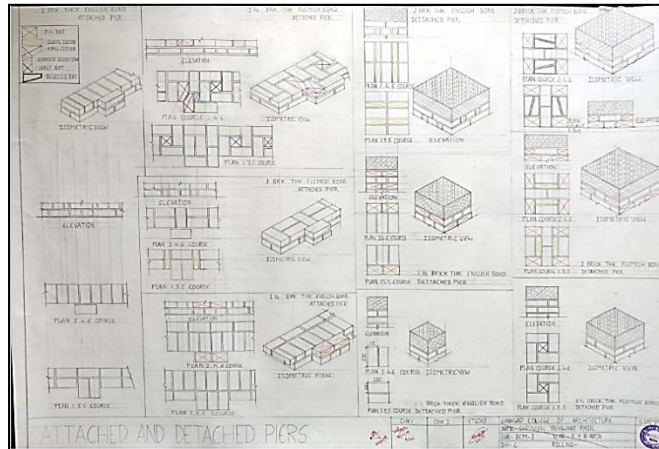
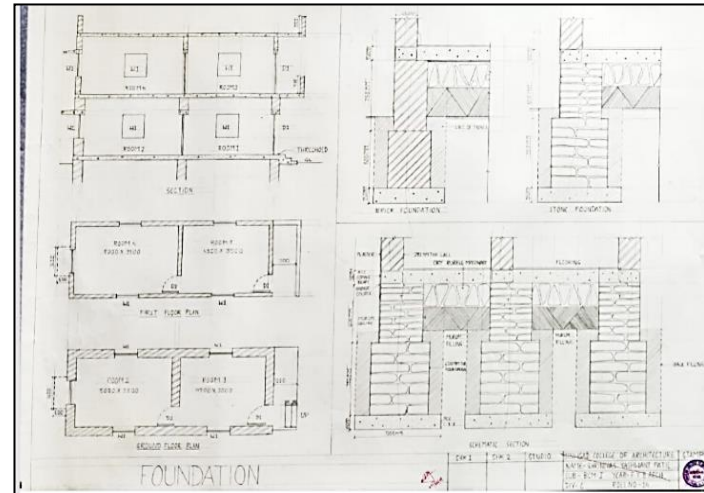
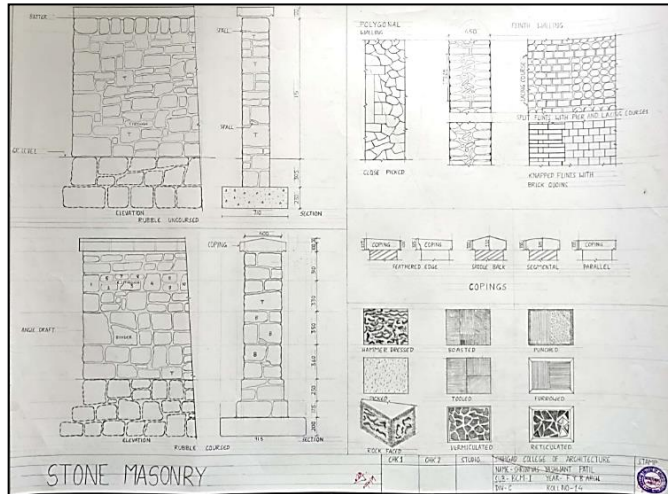


KSHITIJA MAHALE, FIRST YEAR

ACADEMIC WORKS

FIRST YEAR B.Arch.

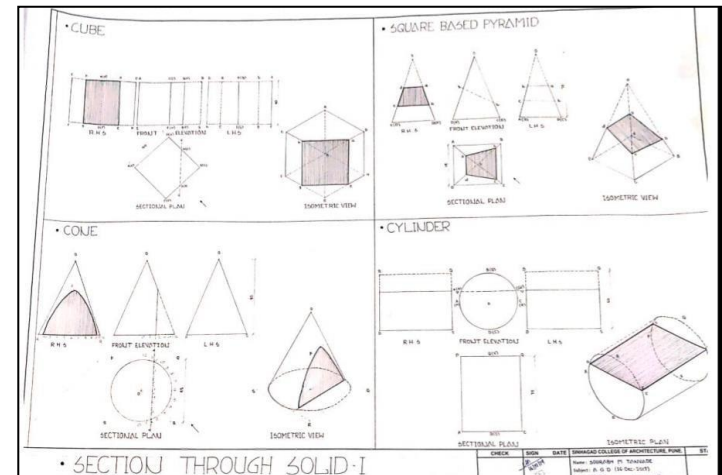
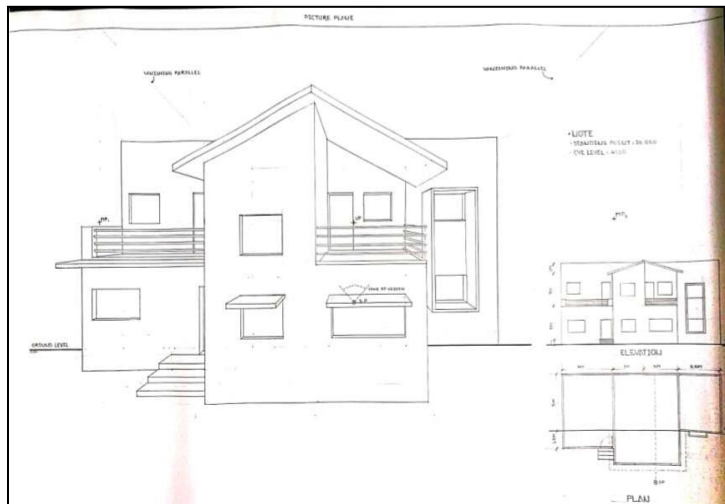
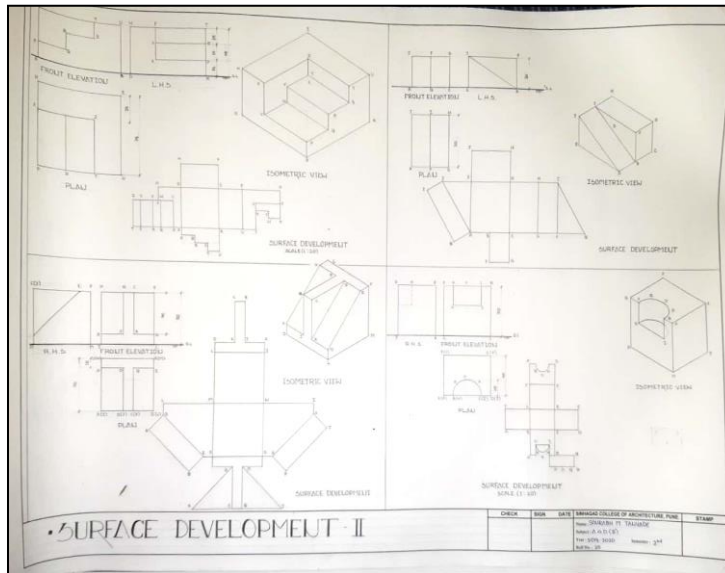
BCM-I



SOURABH TANAVDE , FIRST YEAR- D

ACADEMIC WORKS

FIRST YEAR B.Arch.
AGD- I



SOURABH TANVADE , FIRST YEAR- D

ACADEMIC WORKS

FIRST YEAR B.Arch.

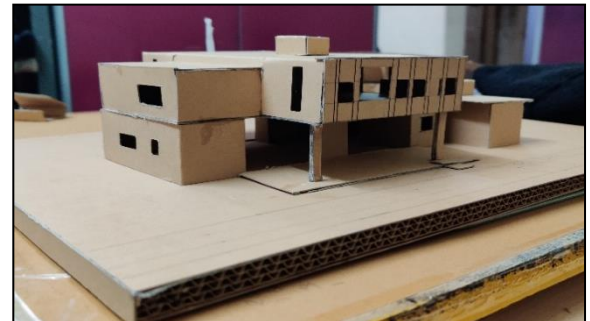
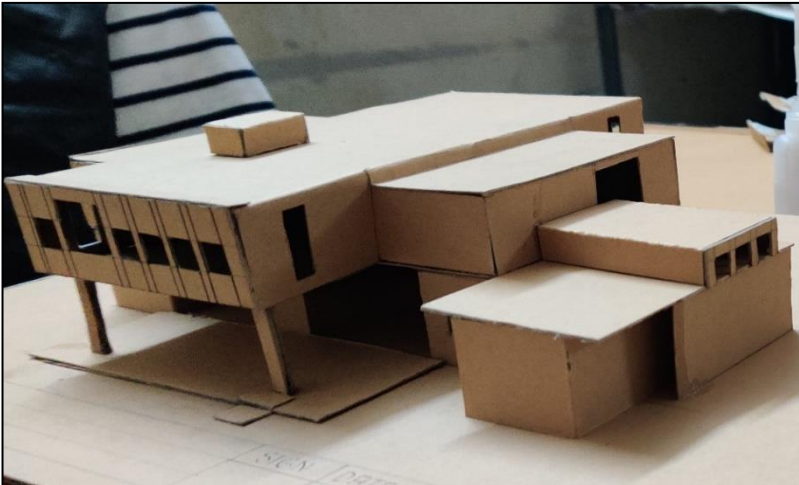
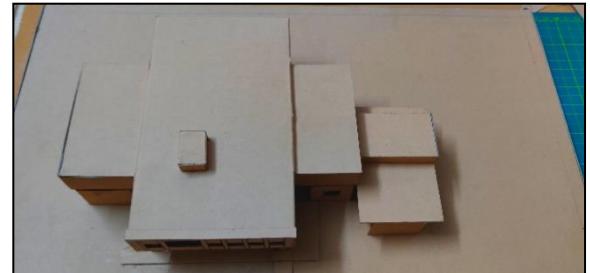
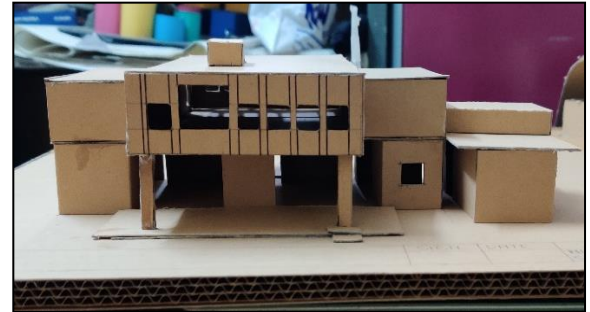
HISTORY- I



MAHESH RAKH., FIRST YEAR

ACADEMIC WORKS

FIRST YEAR B.Arch.
WORKSHOP-I

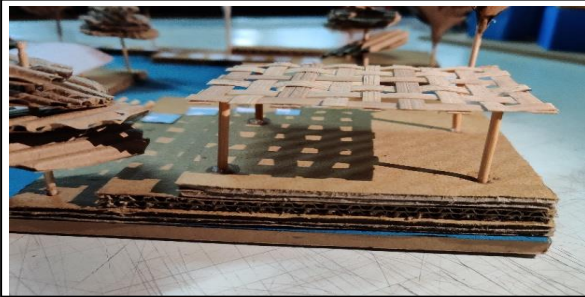


ARIHANT LODHA , FIRST YEAR

ACADEMIC WORKS

FIRST YEAR B.Arch.

WORKSHOP- I



ACADEMIC WORKS

CARPENTRY WORKSHOP FIRST YEAR



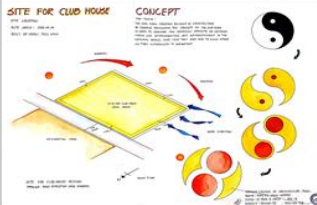
ACADEMIC WORKS

SECOND YEAR

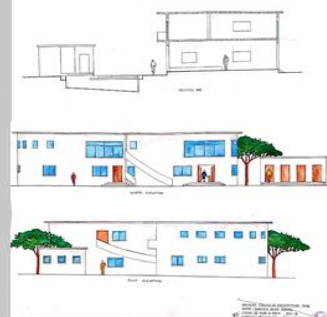
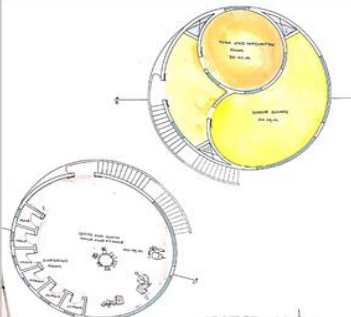
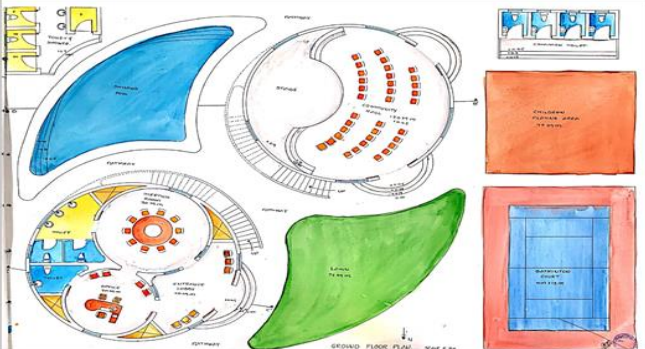
ACADEMIC WORKS

SECOND YEAR B.Arch. AD- III

STUDENT: SHREYES ARUN KORADE 2ND YEAR, DIVISION-B
ARCHITECTURAL DESIGN III



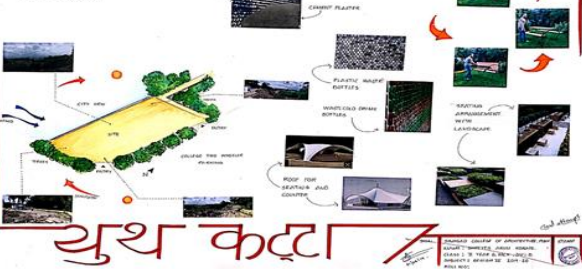
CLUB HOUSE
DESIGN



SITE :

LOCATION : KAMNAR COLONY OF BAMBURDA
AREA : 100.00 sq. m.

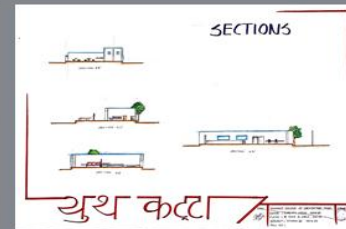
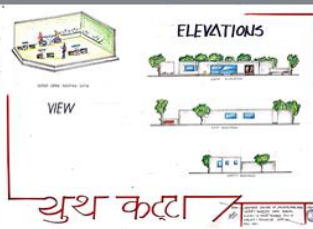
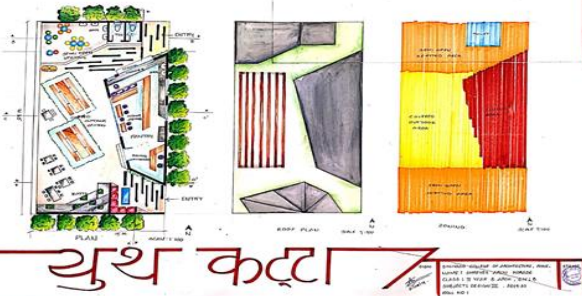
MATERIAL :



PLAN :

ROOF PLAN :

ZONING :



YOUTH
DESIGN

ACADEMIC WORKS

SECOND YEAR B.ARCH.

AD- III

WAI HOUSE

PROJECT NAME: WAI HOUSE
LOCATION: BANGALORE, KARNATAKA
CLIENT: SHREYAS ARUN KORADE
AREA: 100 SQ. FT.
PROJECT YEAR: 2020
DESIGNER: SHREYAS ARUN KORADE
RENDERED BY: SHREYAS ARUN KORADE

VERANDA OF ENTRANCE ZONE
RAIN WATER HARVESTING SYSTEM

SINGLE FAMILY HOUSE

ARCHITECTURE: SHREYAS ARUN KORADE
LOCATION: BANGALORE, KARNATAKA
CLIENT: SHREYAS ARUN KORADE
AREA: 100 SQ. FT.
PROJECT YEAR: 2020
DESIGNER: SHREYAS ARUN KORADE
RENDERED BY: SHREYAS ARUN KORADE

STUDENT: SHREYAS ARUN KORADE
CLASS-SECOND YEAR
DIVISION -B
ARCHITECTURAL DESIGN III
3rd SEMESTER

ZONING: SECTIONS:

WAI HOUSE

PLAN:

WAI HOUSE

MOOD BOARD

ARCHITECT: SHREYAS ARUN KORADE
LOCATION: BANGALORE, KARNATAKA
CLIENT: SHREYAS ARUN KORADE
AREA: 100 SQ. FT.
PROJECT YEAR: 2020
DESIGNER: SHREYAS ARUN KORADE
RENDERED BY: SHREYAS ARUN KORADE

CASE STUDIES

GROUND FLOOR PLAN

Arch. Described in the
SCALE: 1:100

SECTION AA WEST ELEVATION SOUTH ELEVATION NORTH ELEVATION

BUNGALOW SITE

EVOLUTION OF FORM

SITE PLAN

FIRST FLOOR PLAN

BUNGALOW DESIGN

PROPOSED SCHOOL BUILDING

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. THE PROPOSED BUILDING SHALL BE DESIGNED TO ACCOMMODATE 1,200 STUDENTS.
3. THE BUILDING SHALL BE DESIGNED TO BE ACCESSIBLE TO ALL STUDENTS, INCLUDING THOSE WITH PHYSICAL HANDICAPS.
4. THE BUILDING SHALL BE DESIGNED TO BE ENERGY EFFICIENT AND ENVIRONMENTALLY FRIENDLY.
5. THE BUILDING SHALL BE DESIGNED TO BE SECURE AND SAFE FOR ALL STUDENTS AND STAFF.
6. THE BUILDING SHALL BE DESIGNED TO BE FLEXIBLE AND ADAPTABLE TO FUTURE NEEDS.
7. THE BUILDING SHALL BE DESIGNED TO BE AESTHETICALLY PLEASING AND INTEGRATE WITH THE SURROUNDING ENVIRONMENT.
8. THE BUILDING SHALL BE DESIGNED TO BE COST-EFFECTIVE AND VALUE FOR MONEY.
9. THE BUILDING SHALL BE DESIGNED TO BE SUSTAINABLE AND GREEN.
10. THE BUILDING SHALL BE DESIGNED TO BE A MODEL OF EXCELLENCE IN EDUCATION.

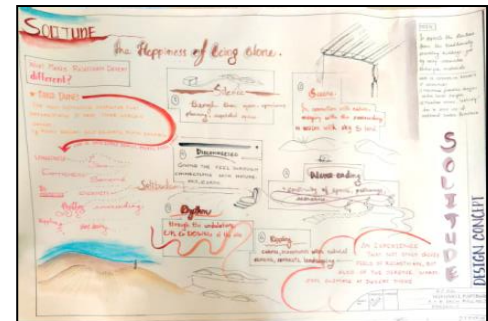
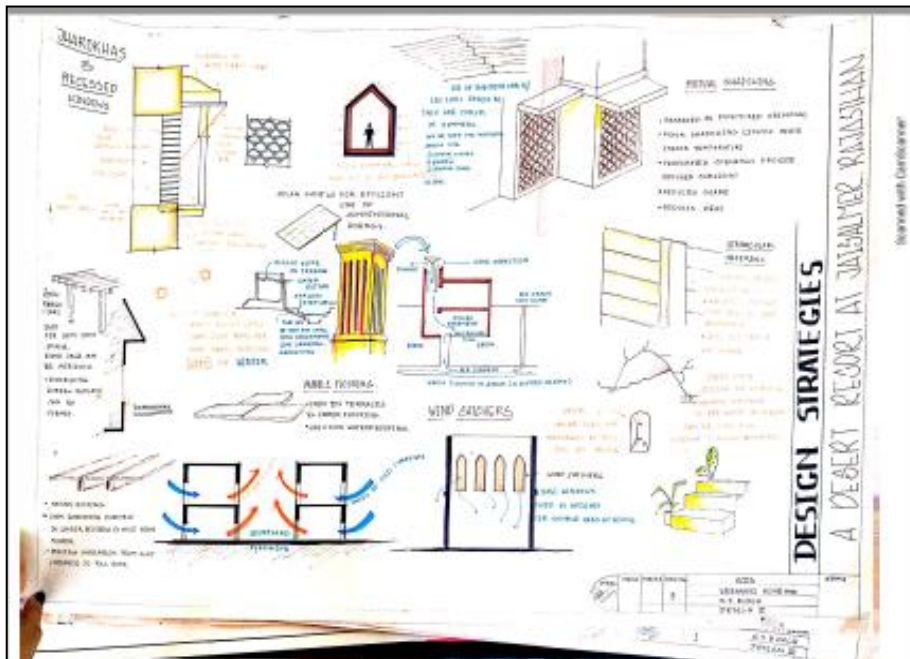
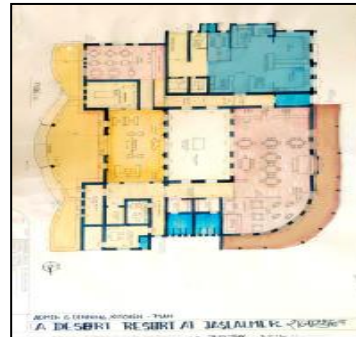
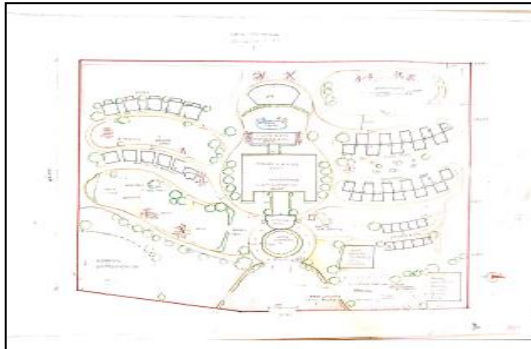
LEGEND:

- 1. CLASSROOMS
- 2. LIBRARY
- 3. CAFETERIA
- 4. OFFICES
- 5. GYMNASIUM
- 6. PLAYGROUND
- 7. SPORTS FIELD
- 8. PARKING LOT
- 9. ENTRANCE
- 10. EXIT
- 11. STAIRS
- 12. ELEVATOR
- 13. RESTROOMS
- 14. STORAGE
- 15. JANUARY
- 16. SECURITY
- 17. FOUNTAIN
- 18. TREES
- 19. PATHS
- 20. LIGHTS

SCALE: 1" = 10'

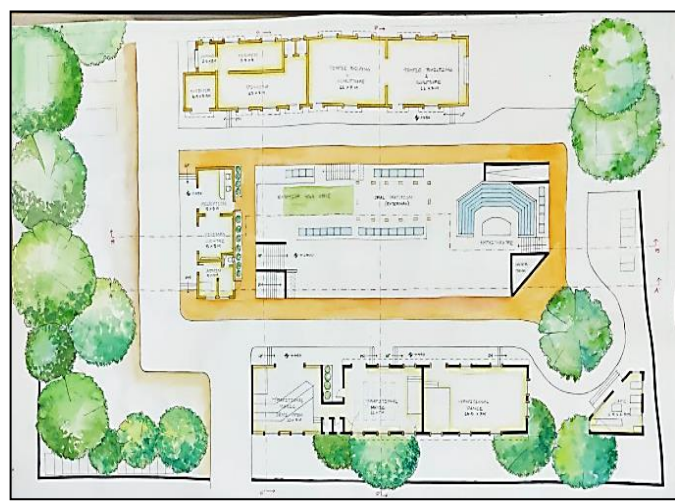
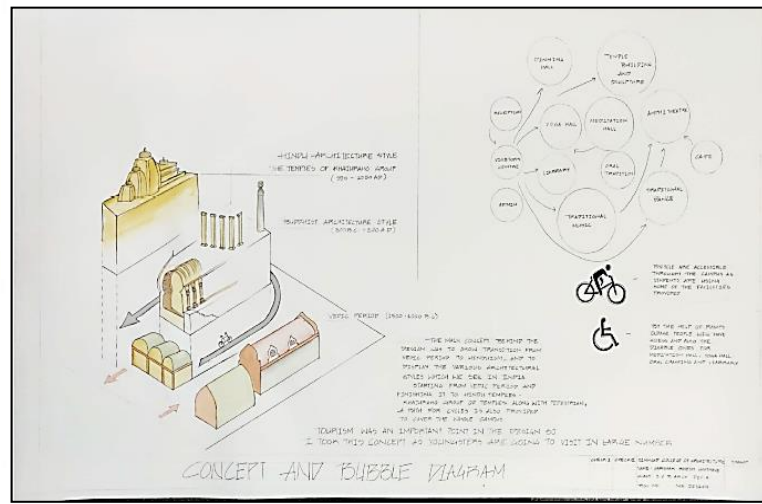
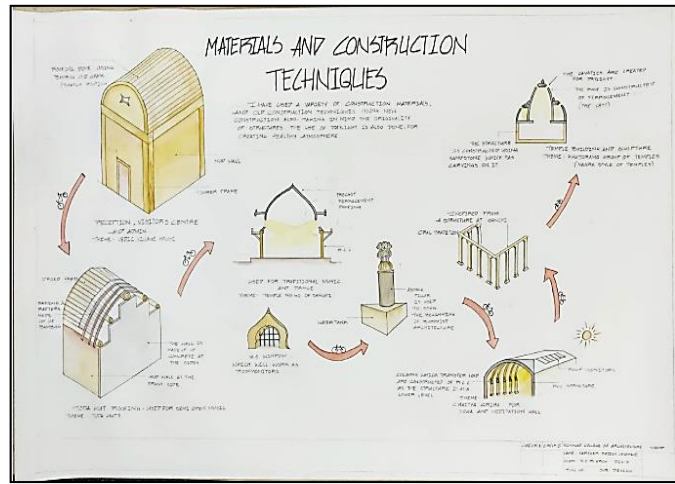
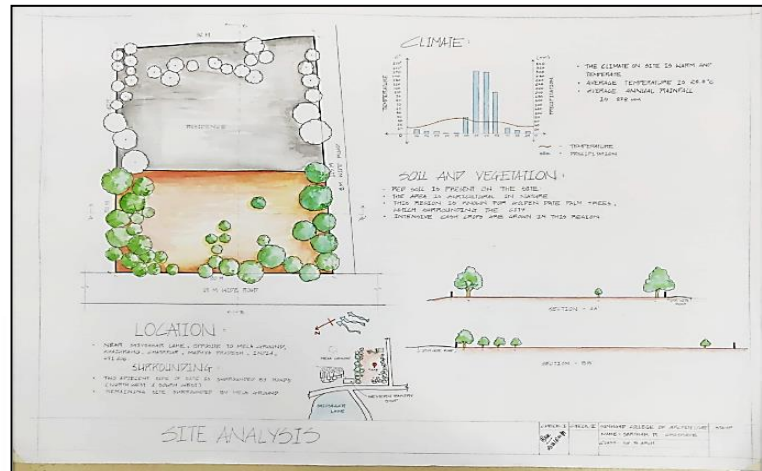
NORTH ARROW: [Symbol pointing up]

PROPOSED SCHOOL BUILDING



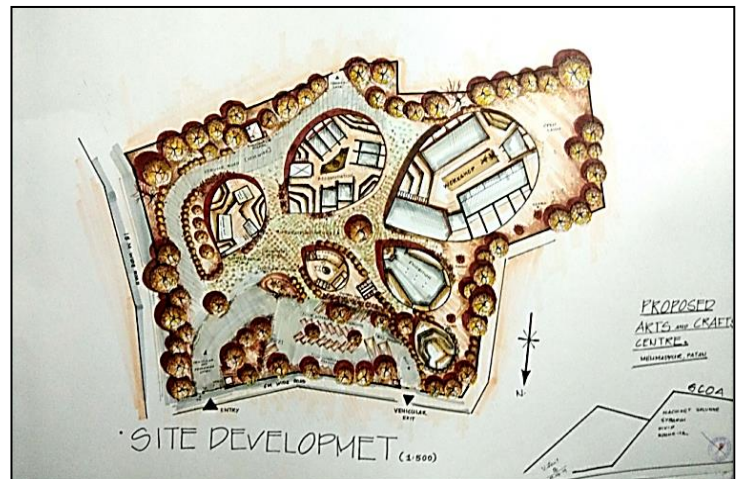
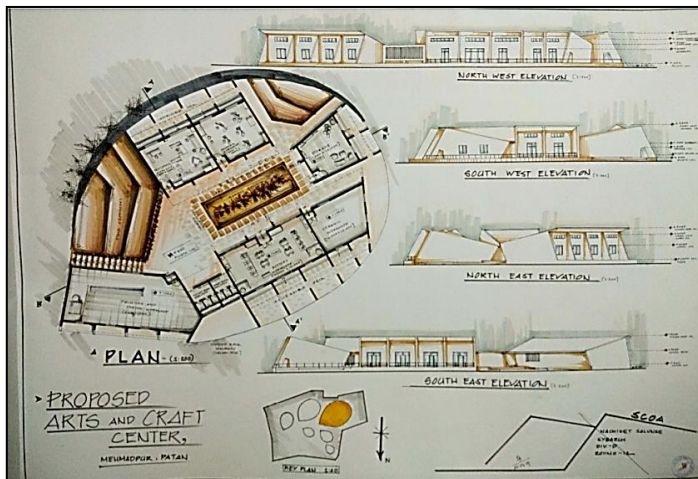
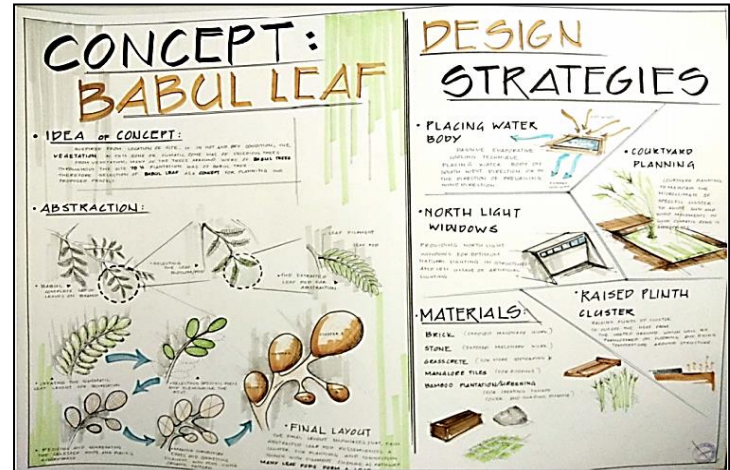
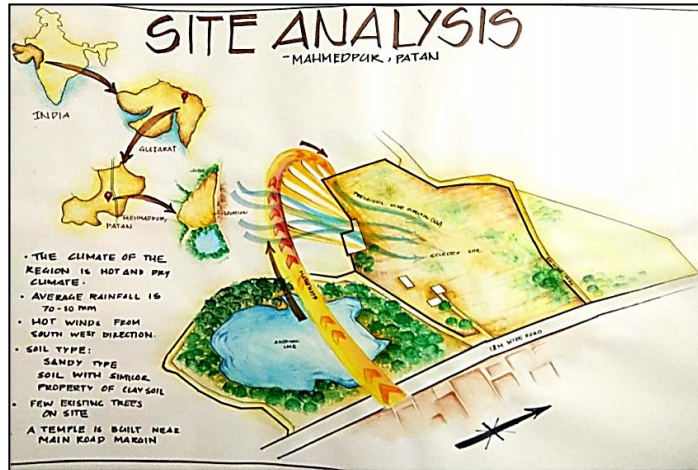
ACADEMIC WORKS

SECOND YEAR B. ARCH
AD - III



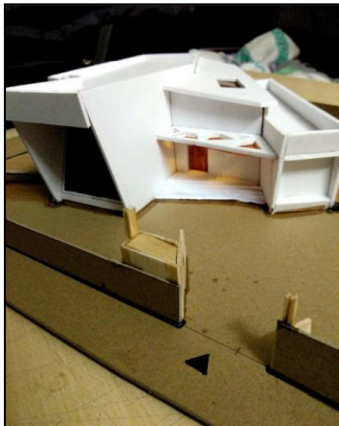
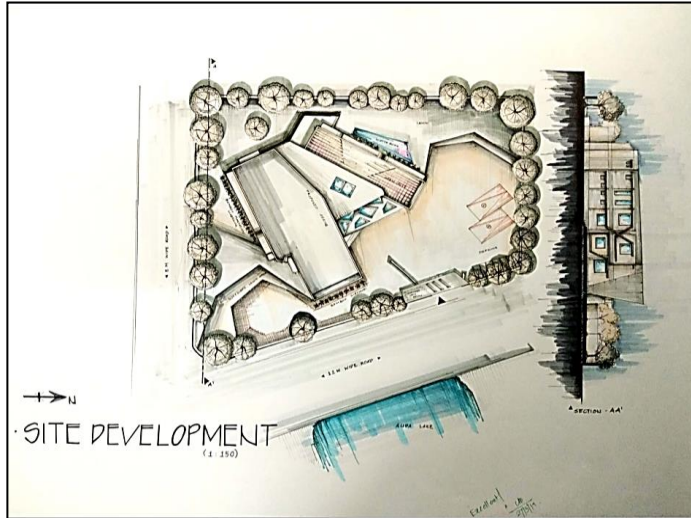
SARTHAK CHOTHAVE 2nd YEAR DIV -A

ACADEMIC WORKS

SECOND YEAR B. ARCH
AD - IV

ACADEMIC WORKS

SECOND YEAR B. ARCH
AD - IV

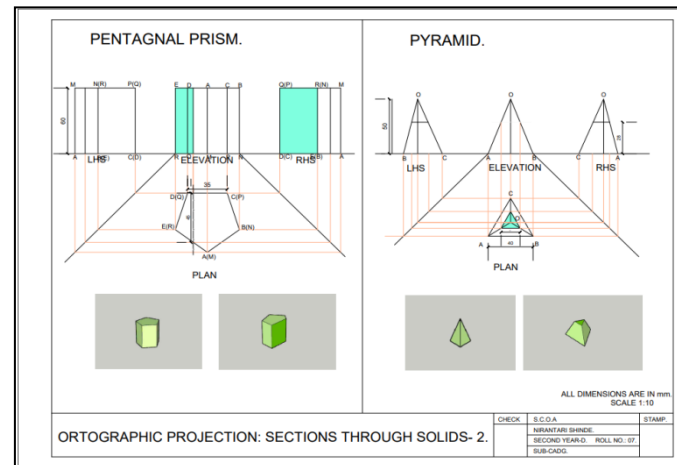
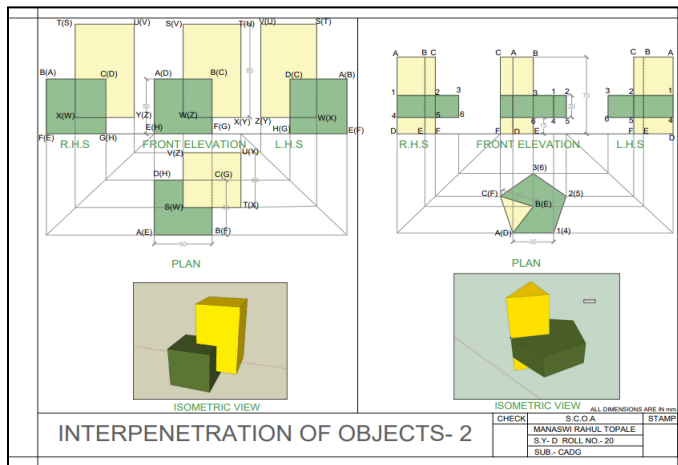
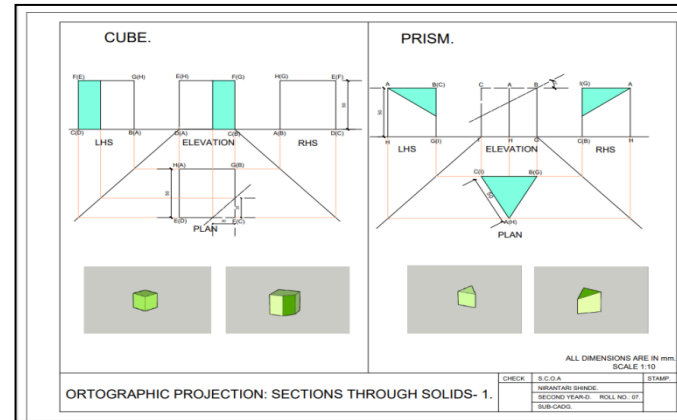
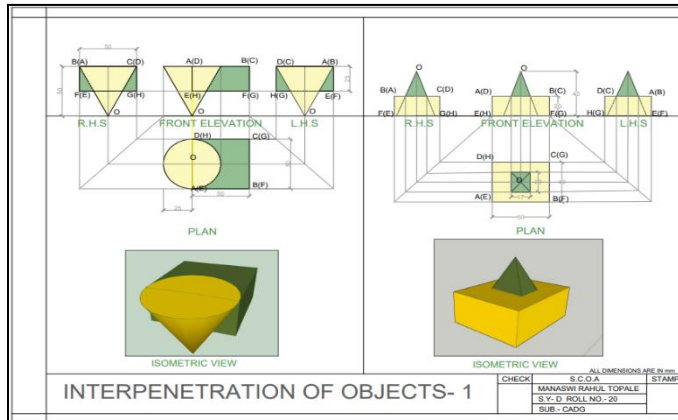


NACHIKET SALUNKE. SECOND YEAR.-D

ACADEMIC WORKS

SECOND YEAR B.Arch.

CADG - I



MANASWI TOPALE, SECOND YEAR

NIRANTARI SHINDE, SECOND YEAR

ACADEMIC WORKS

SECOND YEAR B. ARCH

AD - IV



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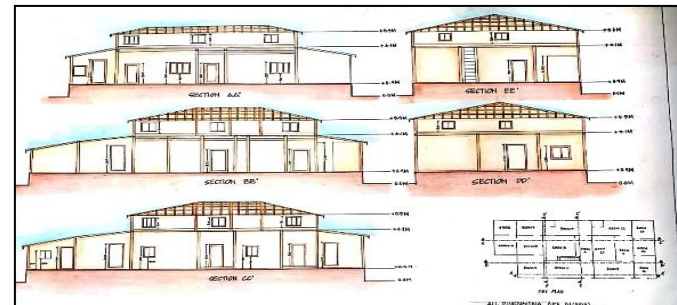
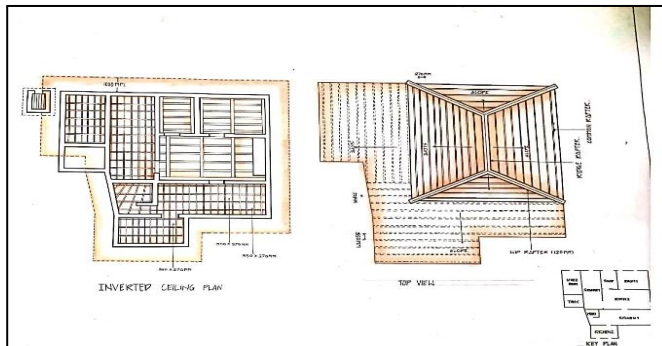
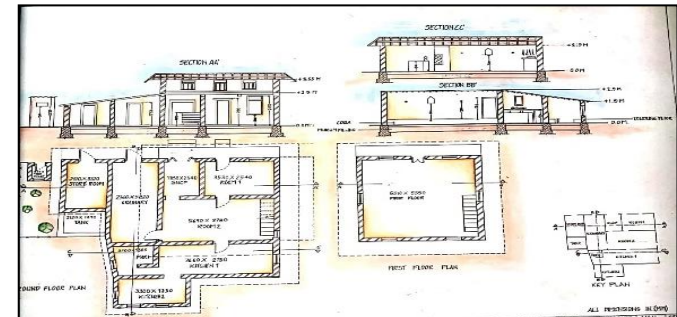
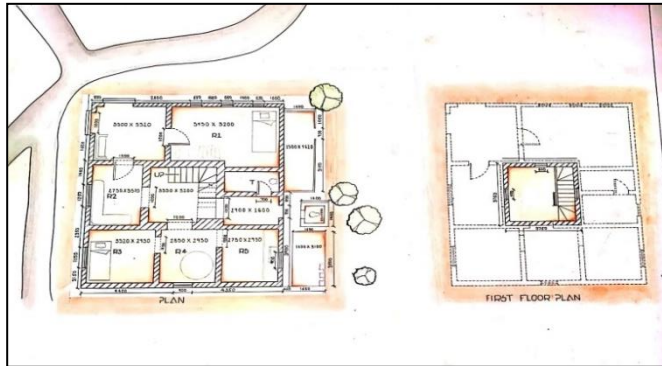


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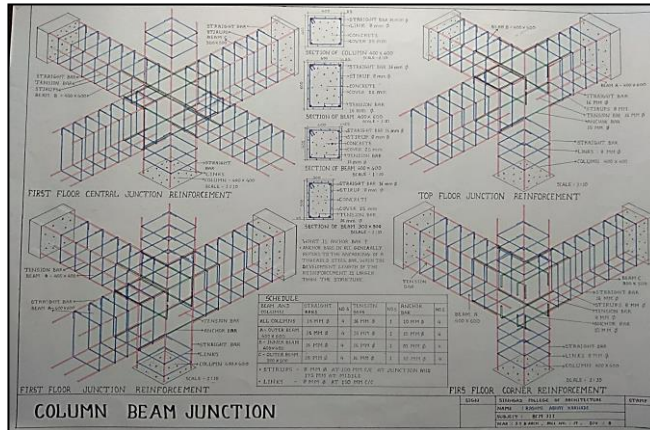


SHREYES ARUN KORADE 2ND YEAR, DIVISION-B

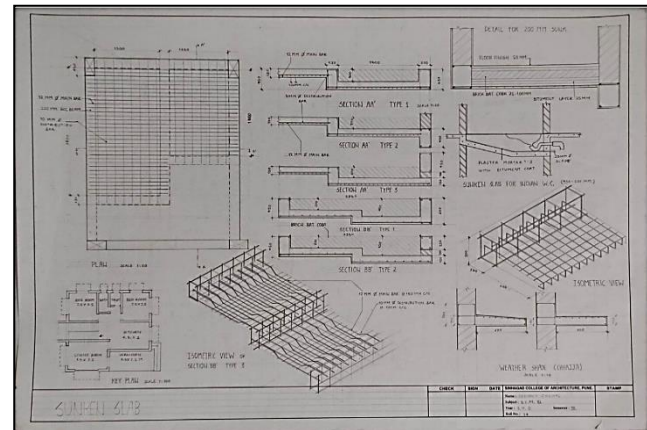
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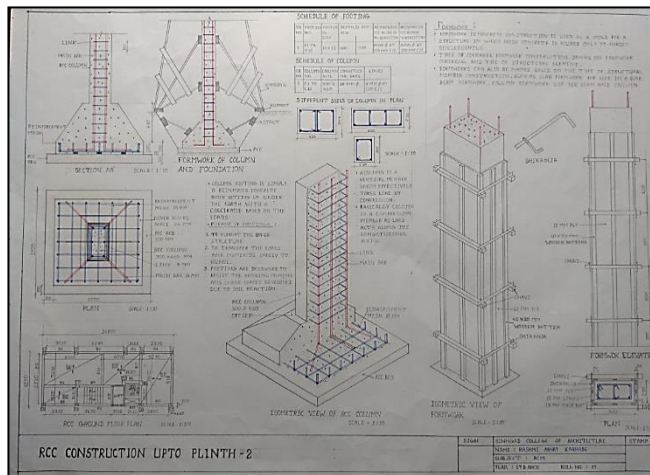
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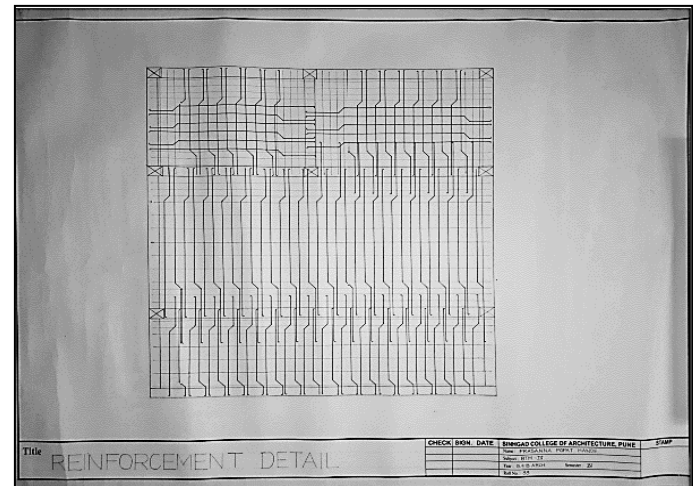
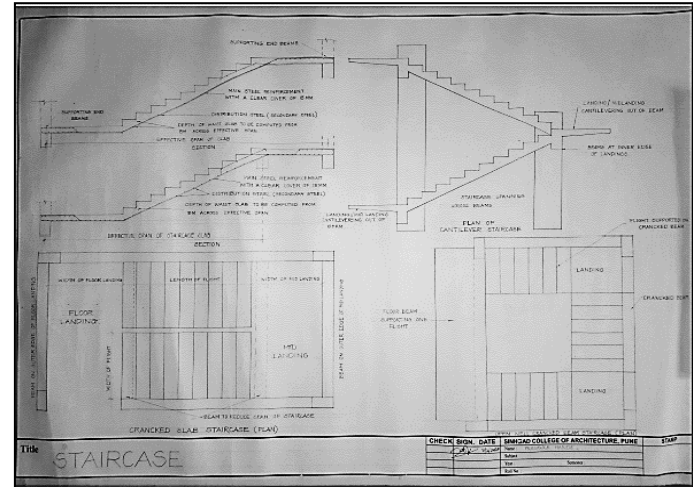
SECOND YEAR B. ARCH
BTM - III

RASHMI KARHADE, SECOND YEAR



SIDDHANT JAISWAL, SECOND YEAR

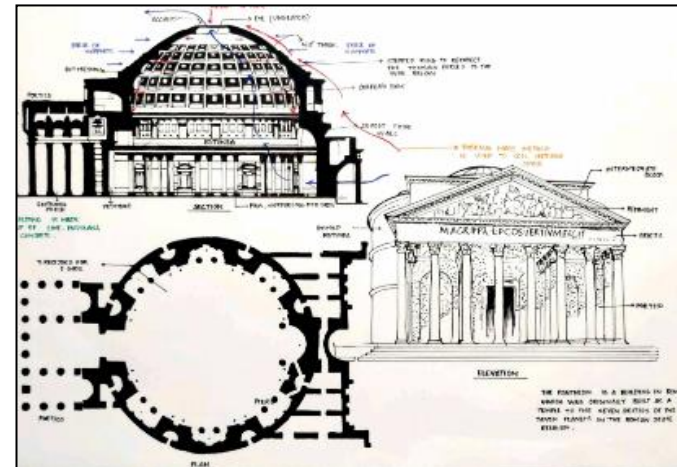
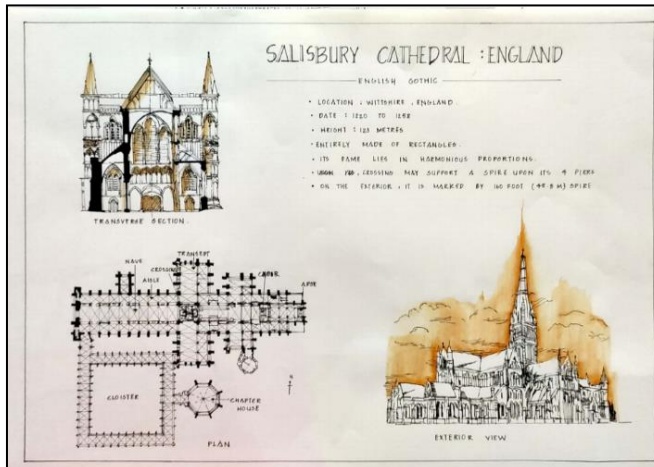
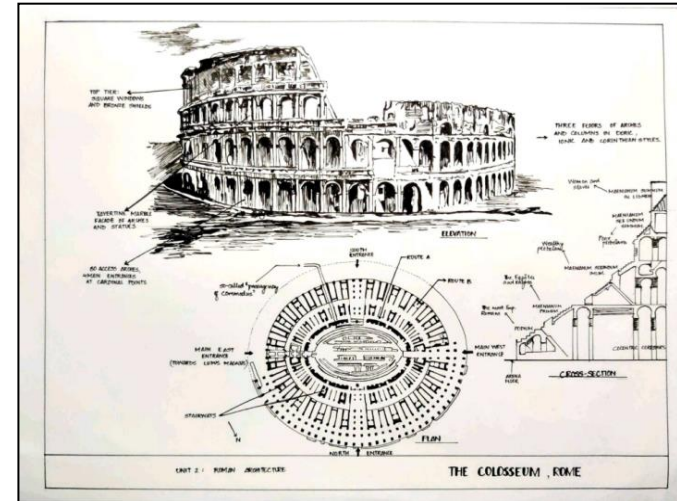
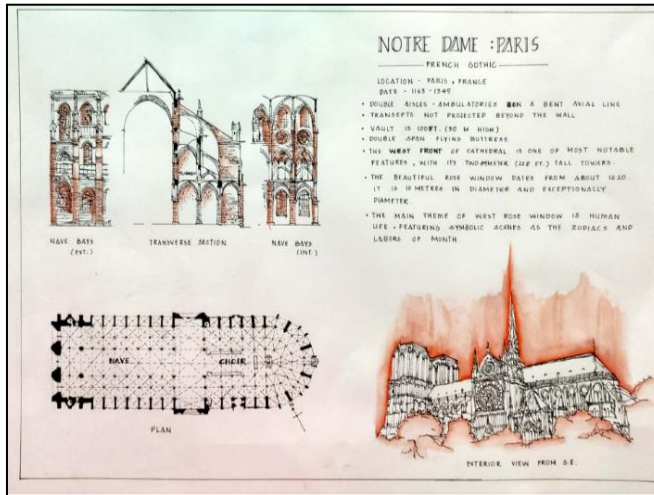




ACADEMIC WORKS

SECOND YEAR B. ARCH

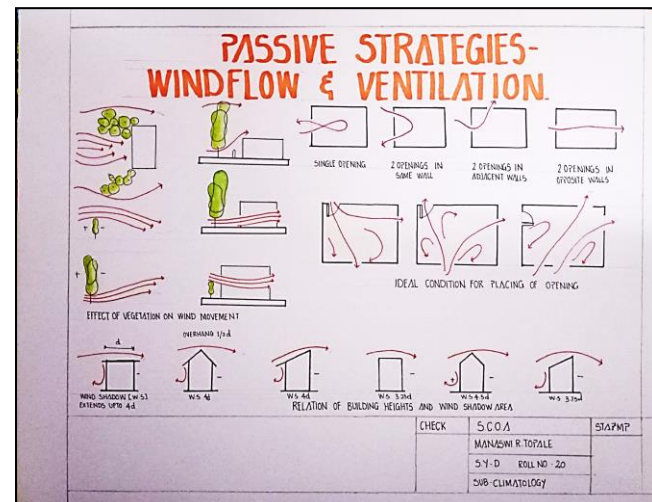
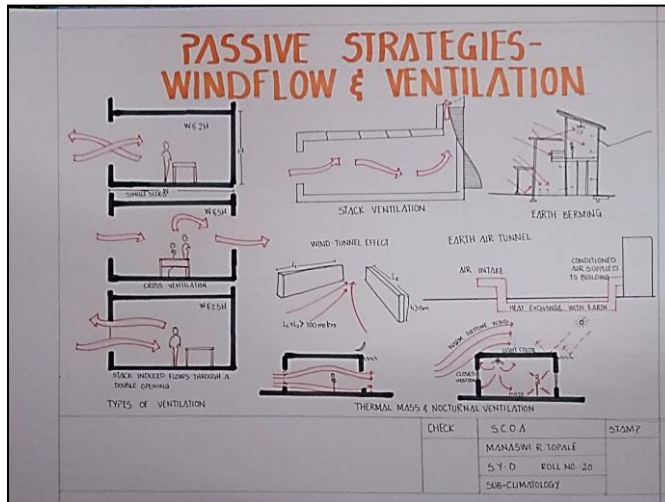
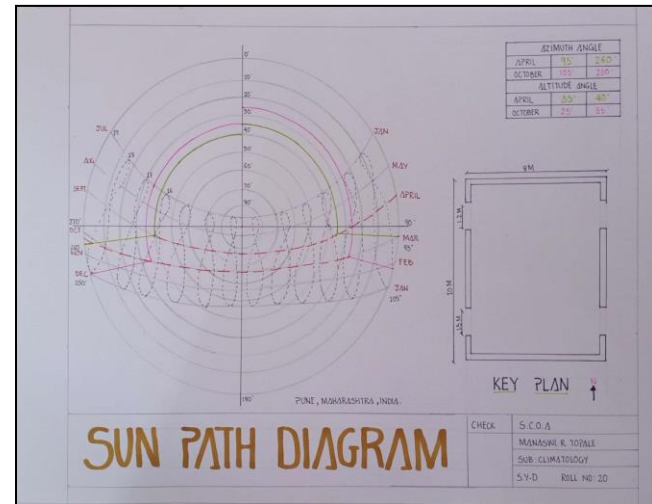
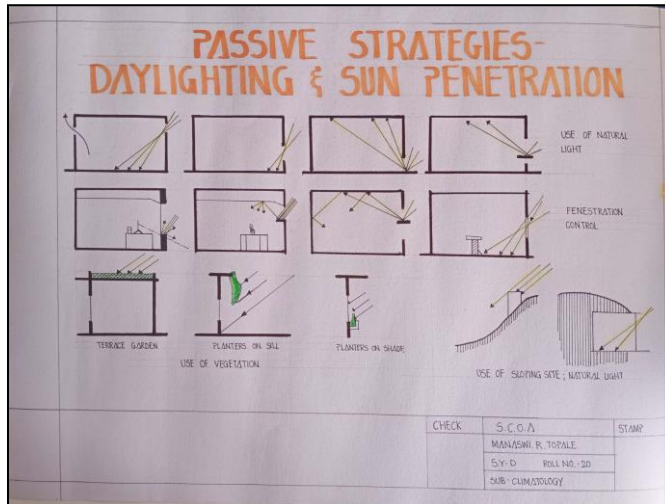
HAC - III



ISHA, BORA, SECOND YEAR

PRERNA CHAUDHARI, SECOND YEAR

ACADEMIC WORKS

SECOND YEAR B. ARCH
CLIMATOLOGY

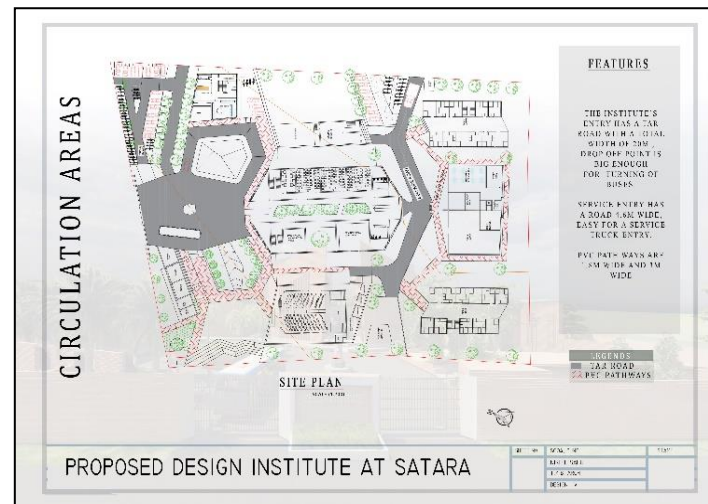
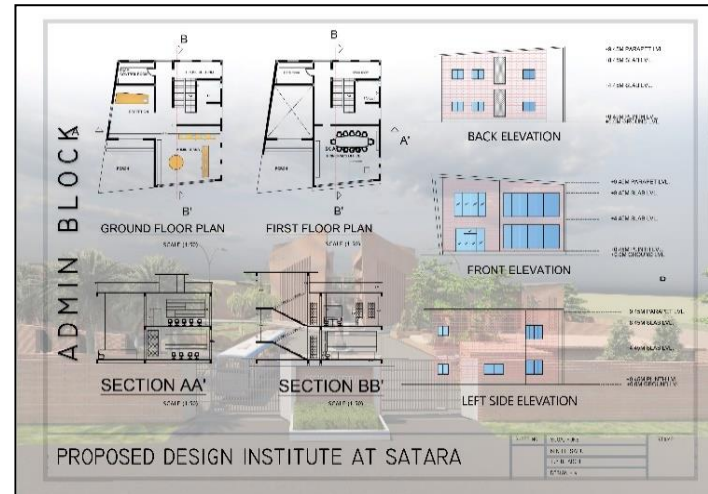
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THIRD YEAR



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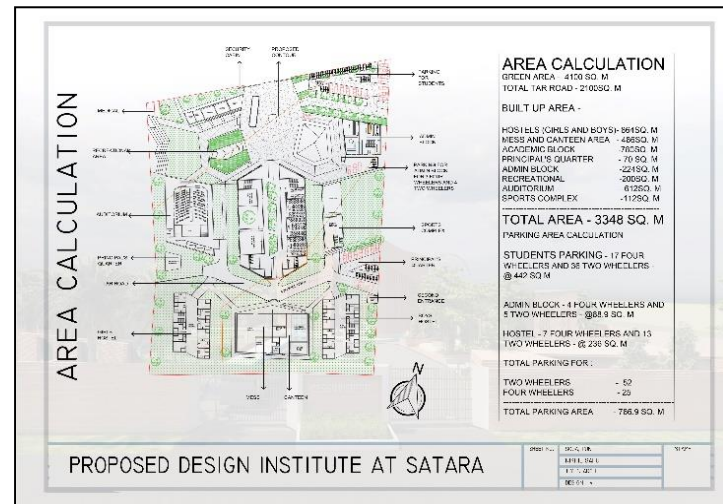
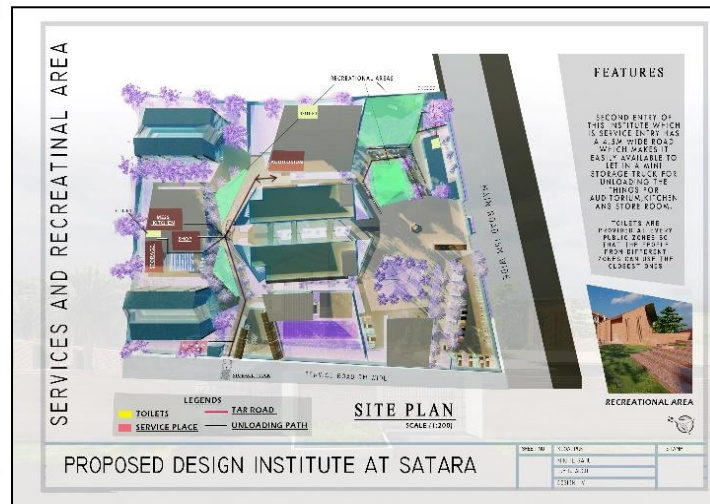
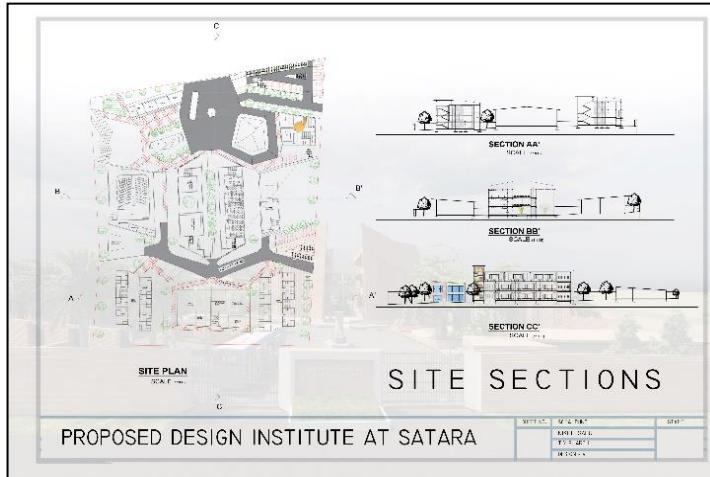
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ACADEMIC WORKS

THIRD YEAR B. ARCH

DESIGN - V

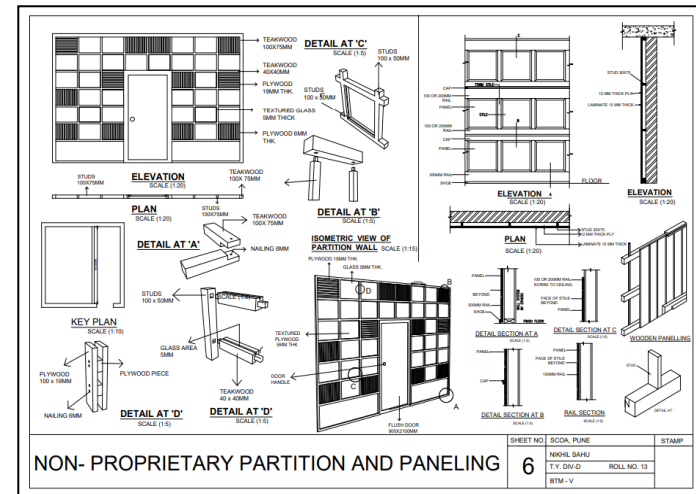
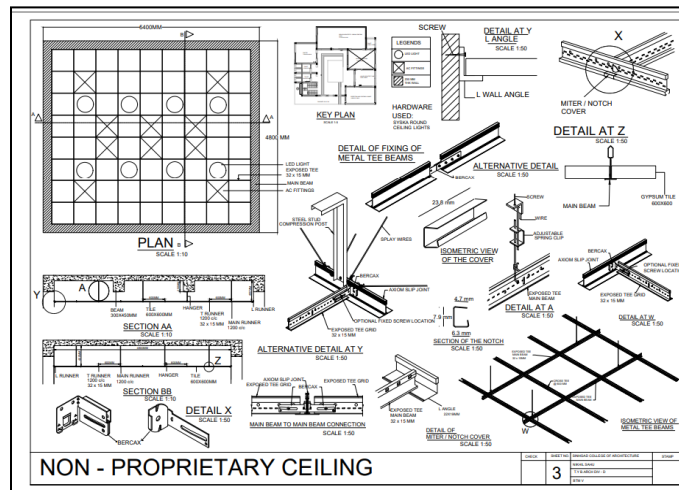
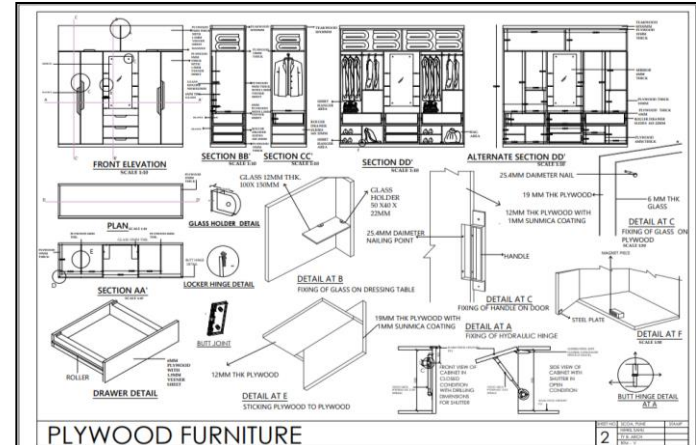
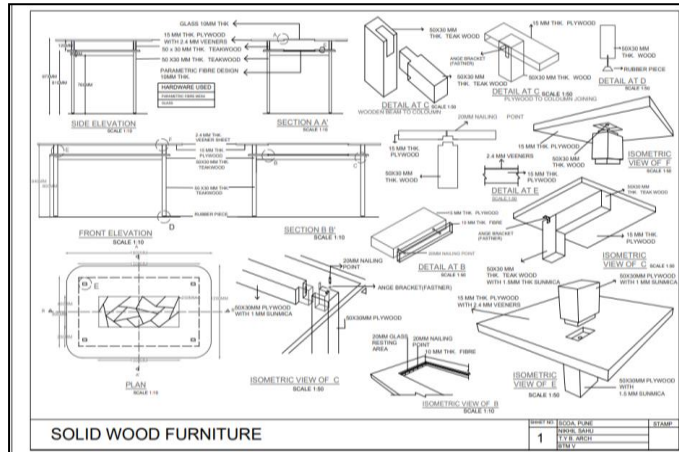


NIKHIL SAHU, THIRD YEAR

ACADEMIC WORKS

THIRD YEAR B. ARCH

BTM - V

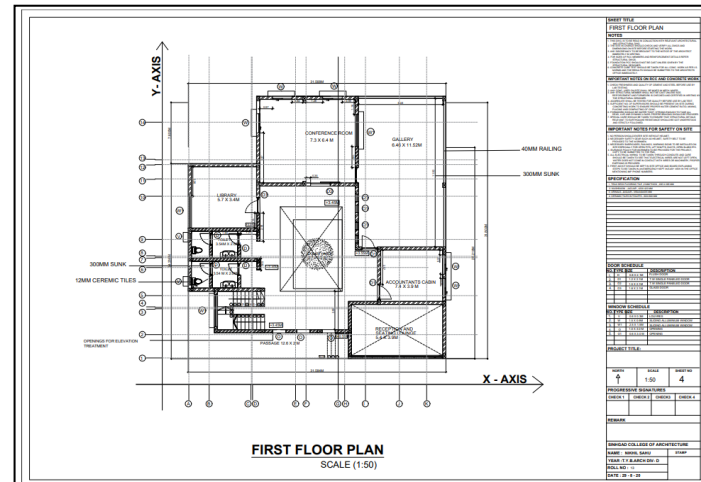
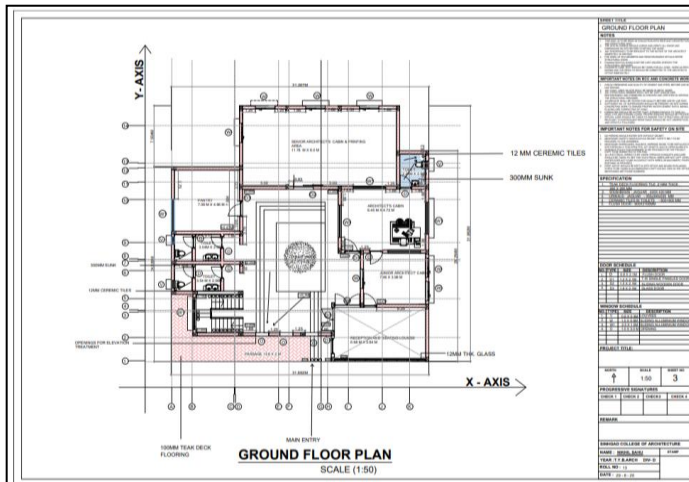
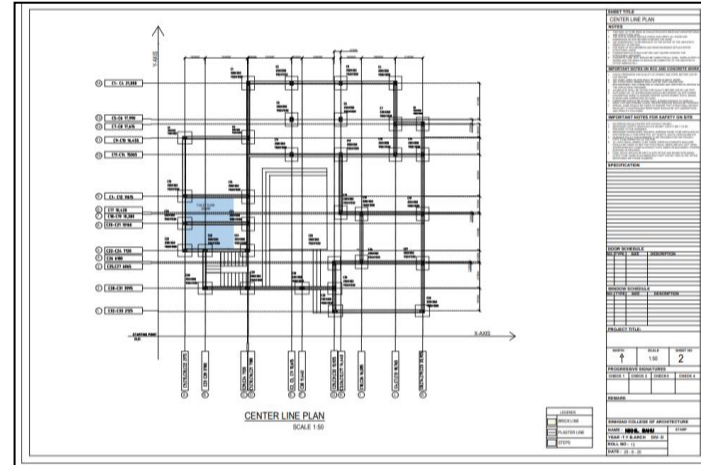
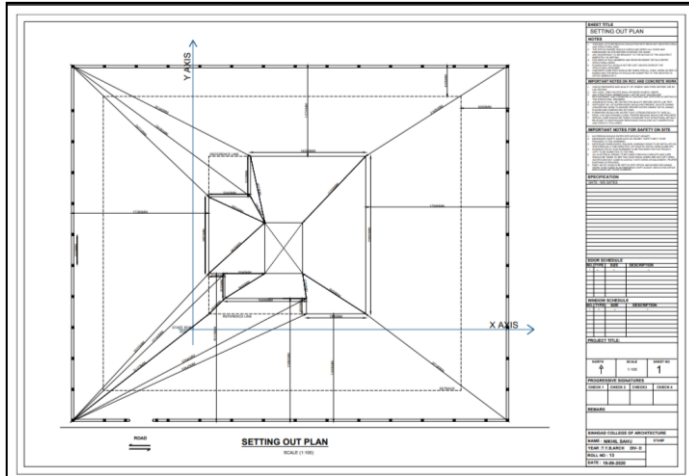


NIKHIL SAHU, THIRD YEAR

ACADEMIC WORKS

THIRD YEAR B. ARCH

WD- II

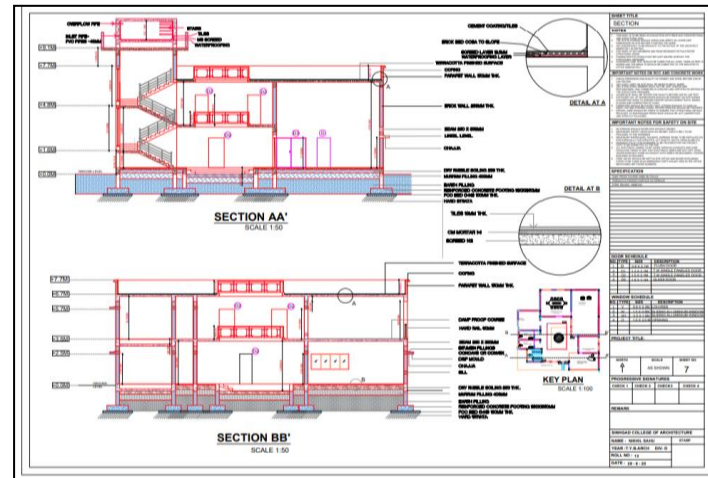
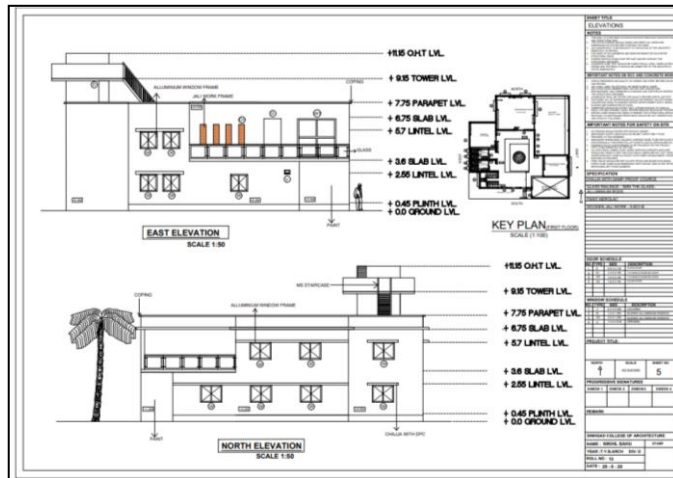
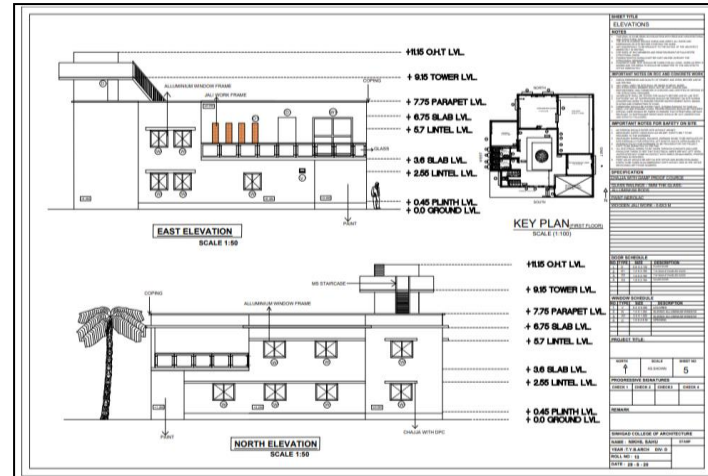
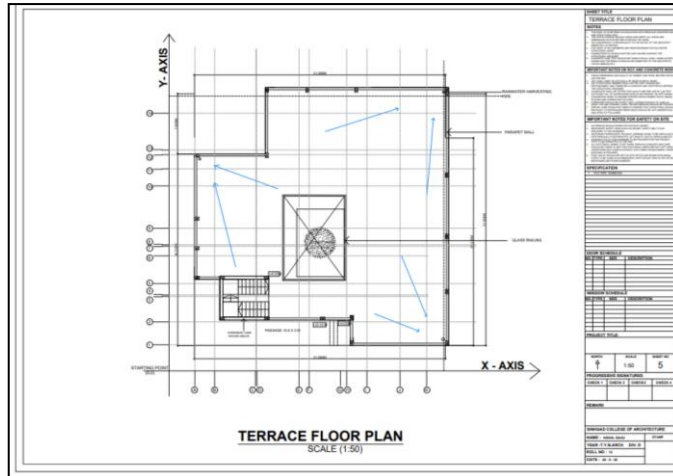


NIKHIL SAHU, THIRD YEAR

ACADEMIC WORKS

THIRD YEAR B. ARCH

WD- II



NIKHIL SAHU, THIRD YEAR

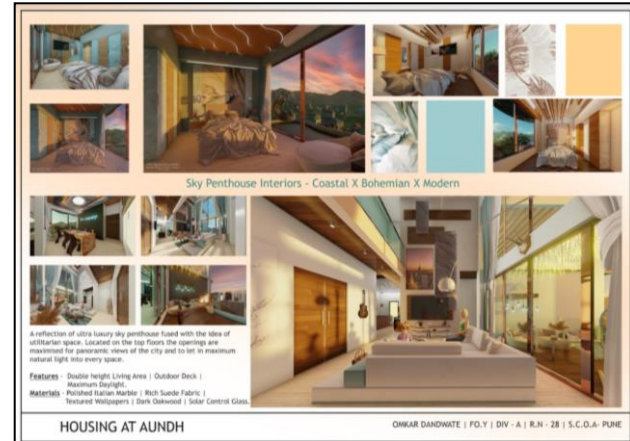
ACADEMIC WORKS

FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH

AD- VII

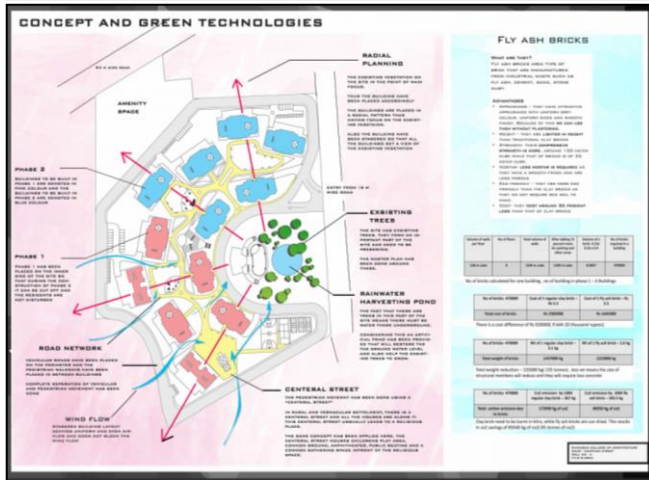
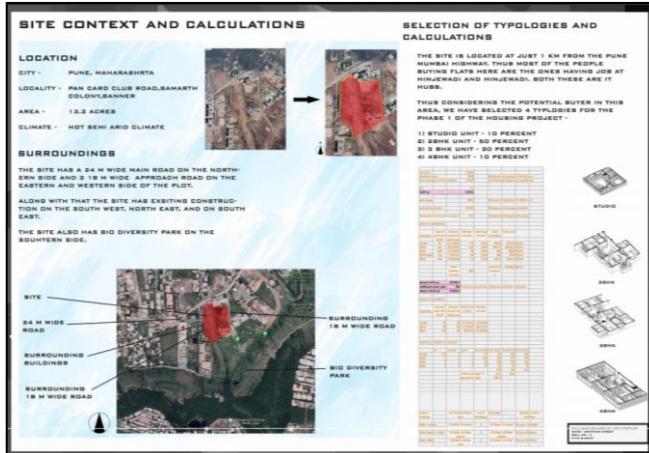


OMKAR DANDWATE, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH

AD- VII

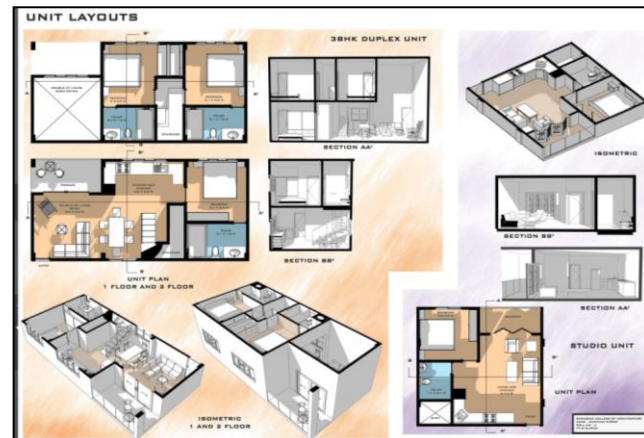
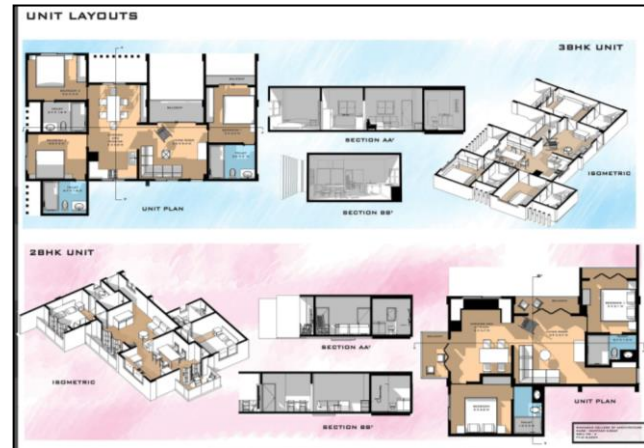


MANTHAN KIRDAT, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH

AD- VII

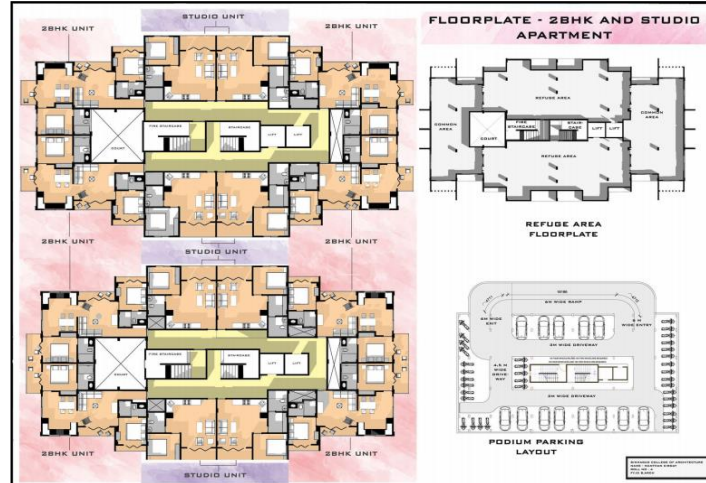
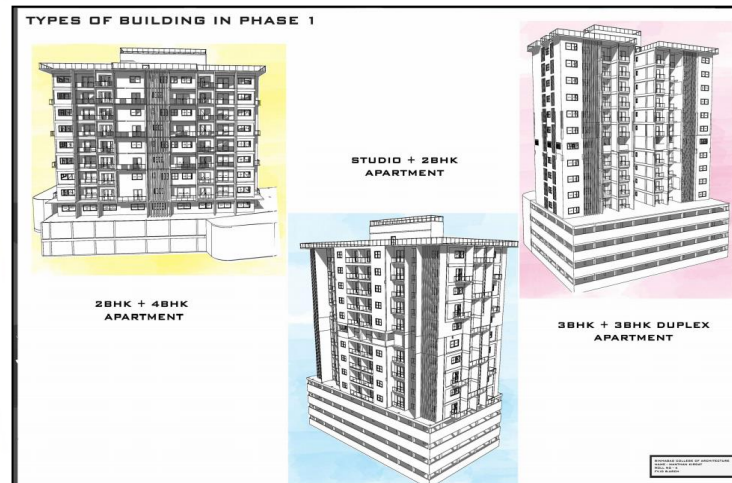
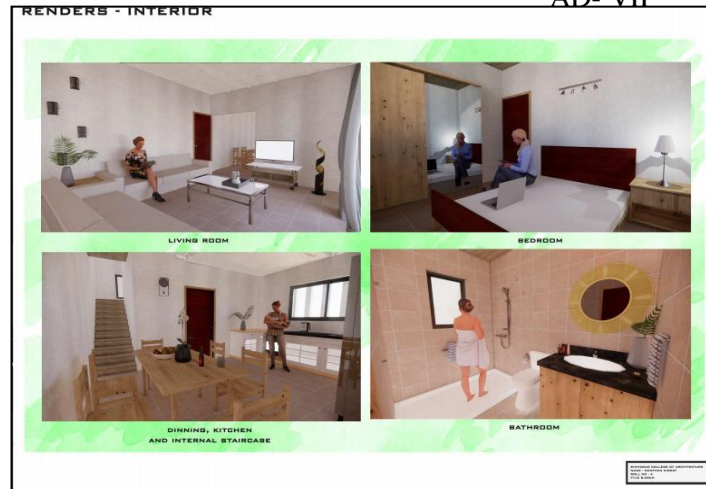


MANTHAN KIRDAT, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH

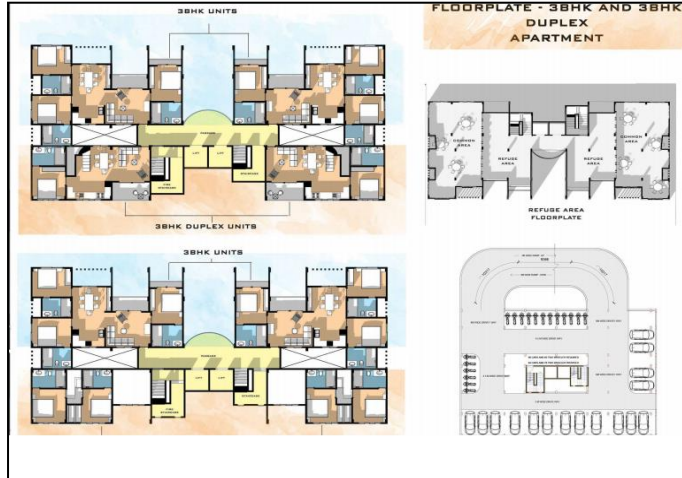
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ACADEMIC WORKS

FOURTH YEAR B. ARCH

AD- VII

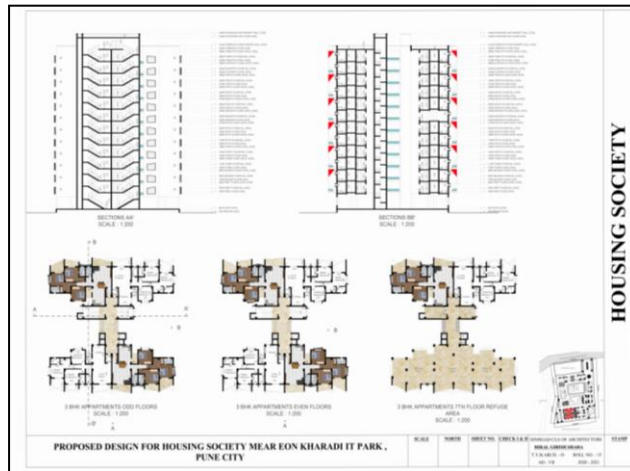


MANTHAN KIRDAT, FOURTH YEAR


ACADEMIC WORKS

FOURTH YEAR B. ARCH

AD- VII



PROPOSED DESIGN FOR HOUSING SOCIETY FOR MIXED USER HOUSING IN KHARADI IT PARK, PUNE

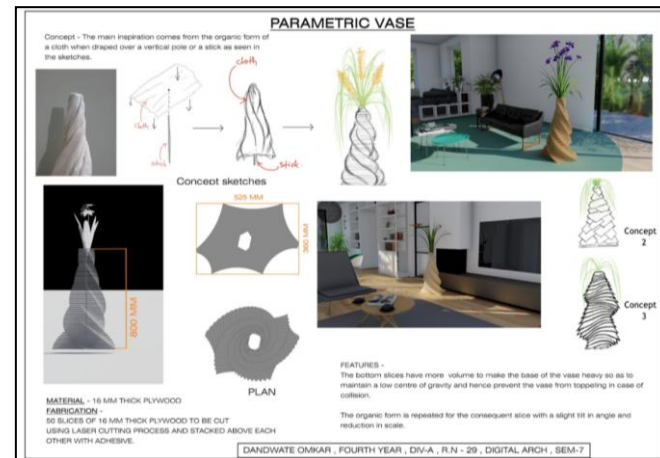
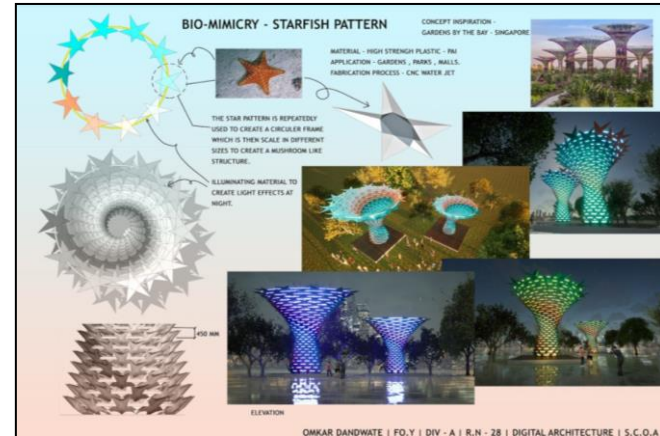
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HIRAL GIRISH SHAHA, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH

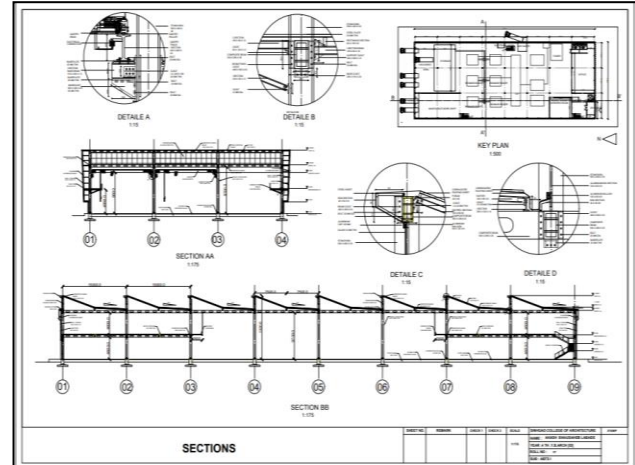
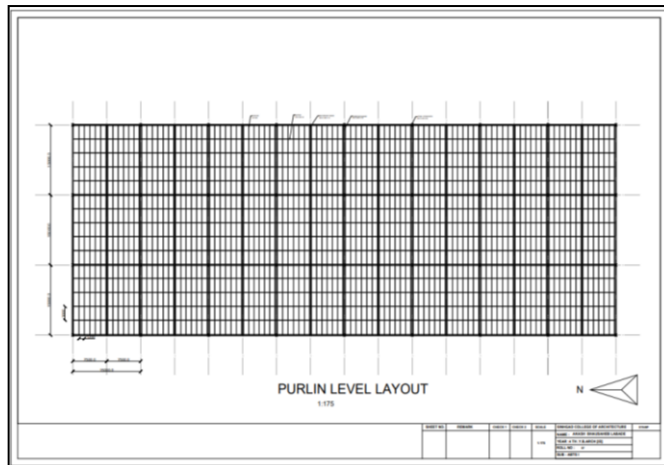
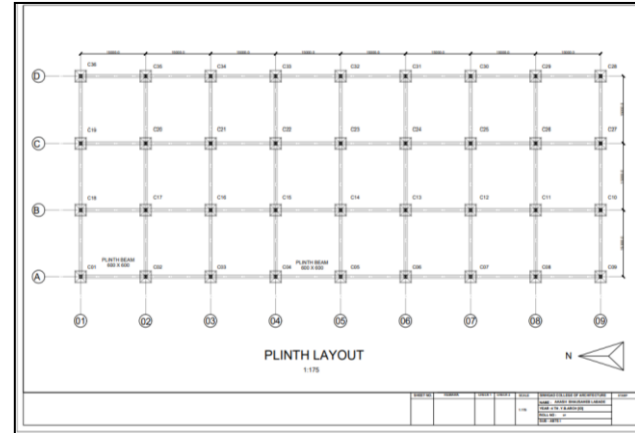
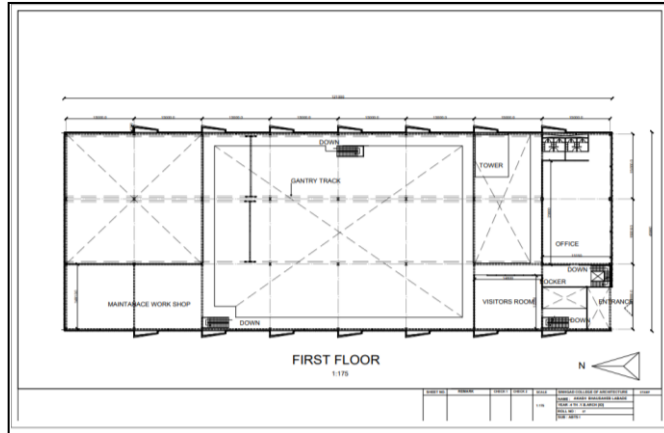
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OMKAR DANDWATE, FOURTH YEAR

ACADEMIC WORKS

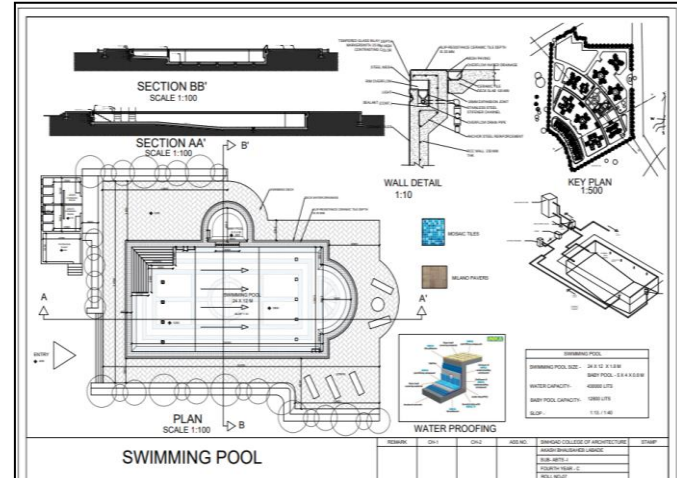
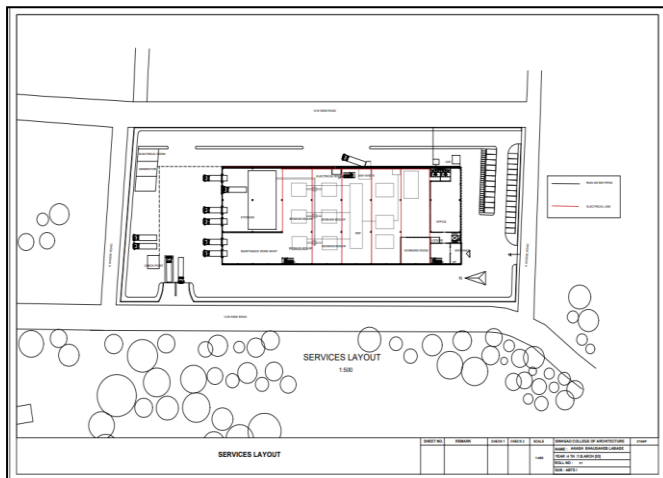
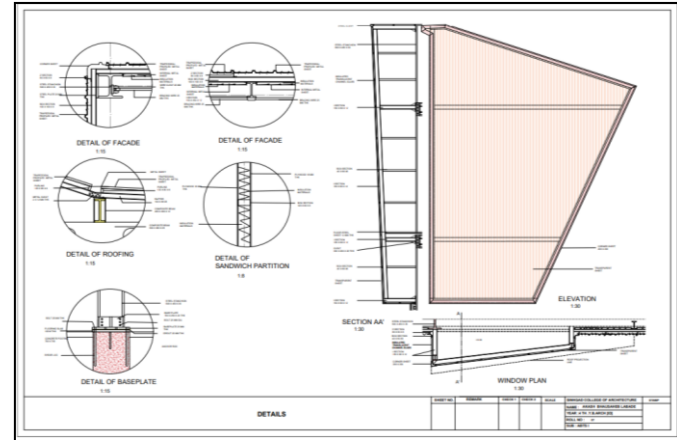
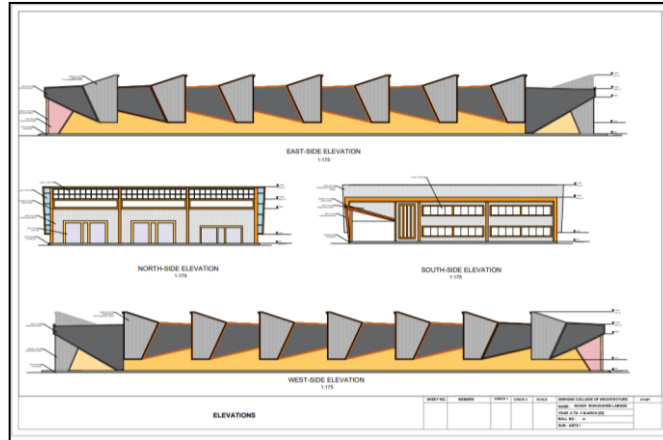
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AKASH BHAUSAHEB LABADE, FOURTH YEAR

ACADEMIC WORKS

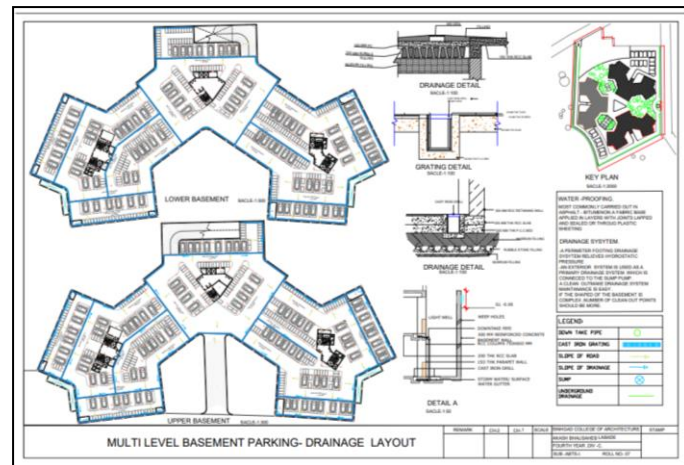
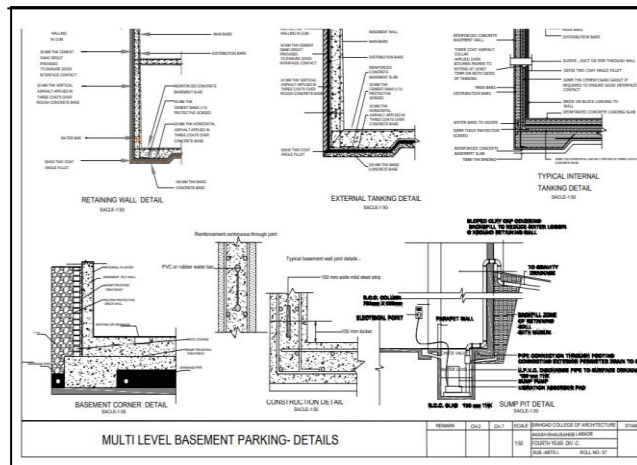
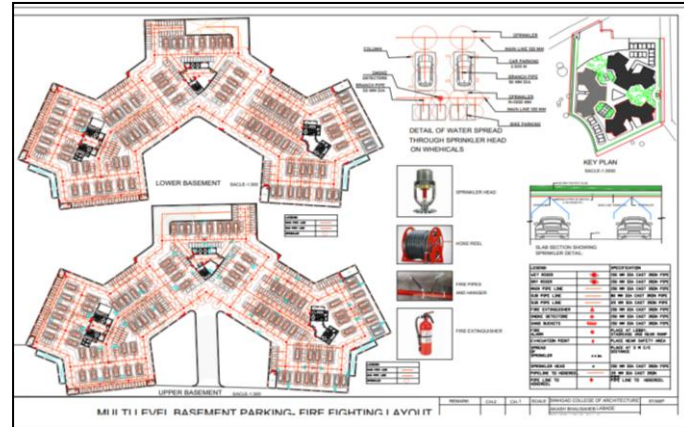
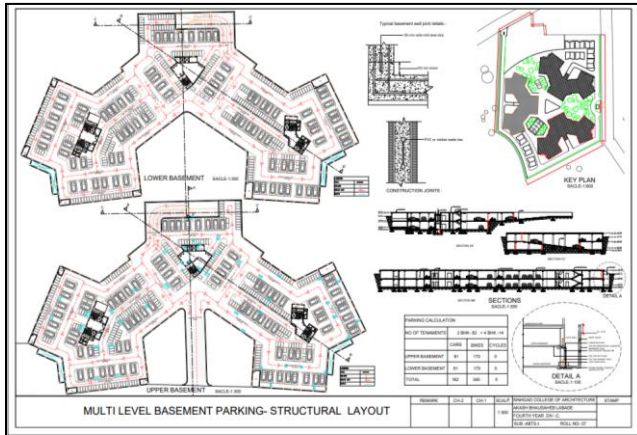
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AKASH BHAUSAHEB LABADE, FOURTH YEAR

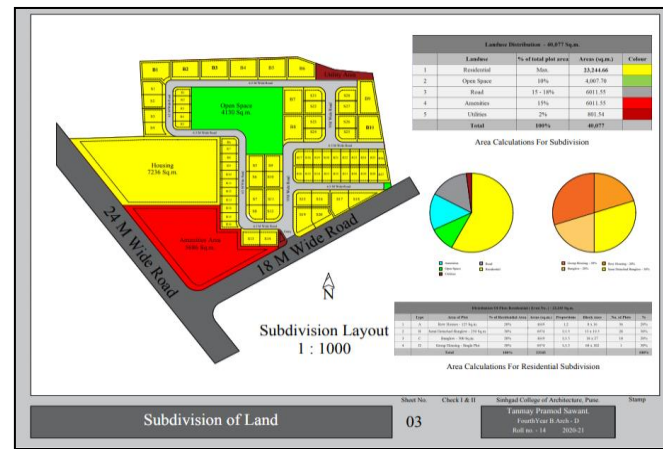
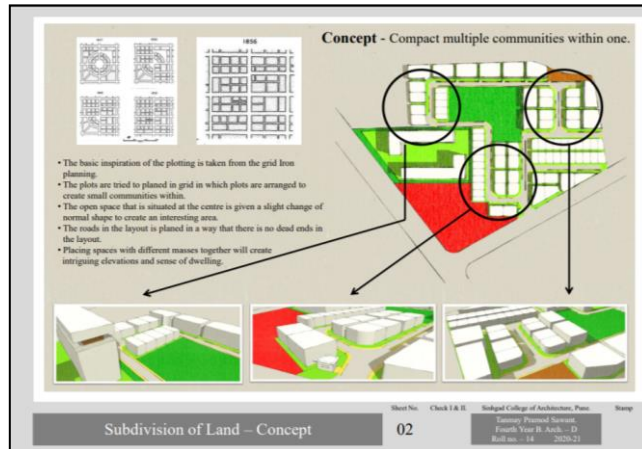
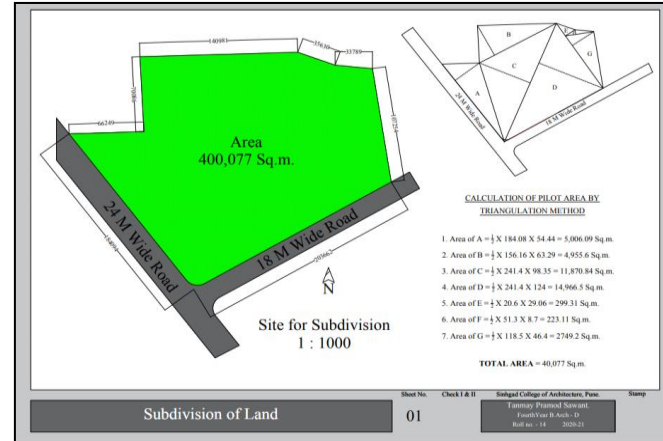
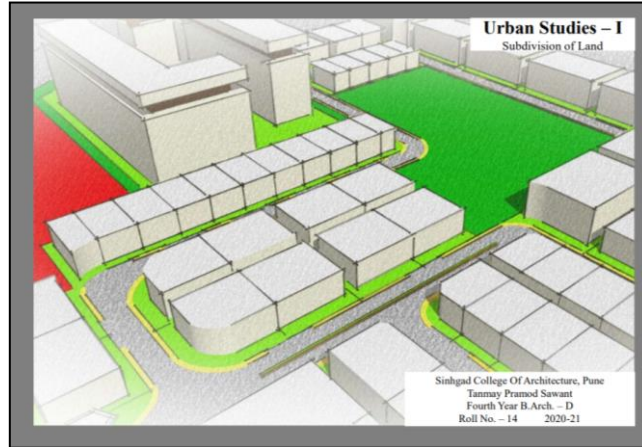
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ABTS - I



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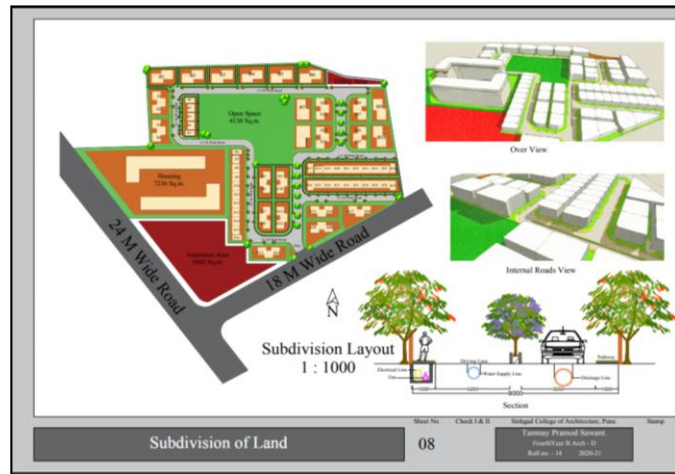
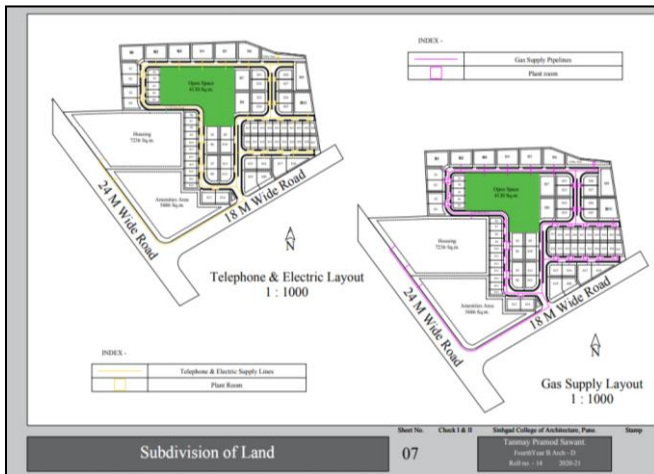
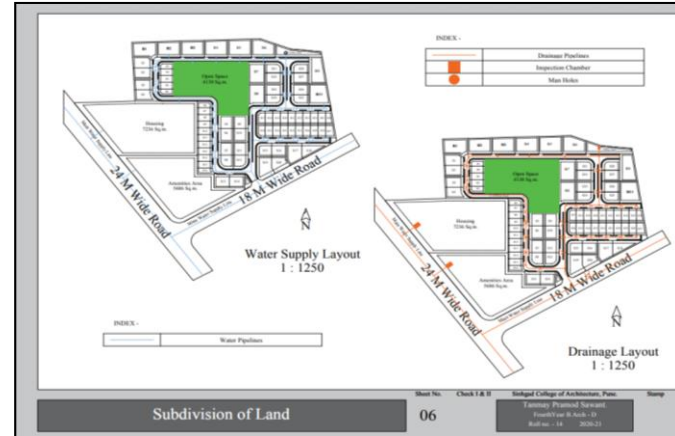
ACADEMIC WORKS

FOURTH YEAR B. ARCH
URBAN STUDIES

TANMAY PRAMOD SAWANT, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH URBAN STUDIES



TANMAY PRAMOD SAWANT, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH
URBAN STUDIES - I

URBAN STUDIES - I
KNOW YOUR CITY - FIRST IMPRESSION

SINHGAD COLLEGE OF ARCHITECTURE NAME-SHRUTIKA NINGUNE 4TH YEAR B.A.RCH DIV-C ROLL NO.-23

URBAN STUDIES - I KNOW YOUR CITY

KNOW YOUR CITY - PUNE

- My Pune city tells about the aspects of the Pune i.e architectural, cultural, traditional, historic, etc.
- It shows -
- In centre, I have shown the main city and at top and bottom focused on the outskirts of city.
- Pune is located on the banks of Mula - Mutha river.
- As the city, Peth areas are crowded and there are many parking problems, so many rickshaw refuses to come to city area.
- There are hardly any areas or open spaces in Pune and in such crowded city their is Pula Deshpande Garden, which has beautiful landscape, and there are hardly such spaces in the city.
- The Mahatma Phule Mandali is the main vegetable market in the core city area, has huge outgoing and incoming supply of vegetable whole day, and has beautifully built.
- Pune is the city known for education hub in India, so there are lot of migrants here, and also known as "VIDYACHA MAHER GHAR".
- Shanwar Wada located in proper Peth area of city has a great historic background.
- The Parvati hill, has a museum at top and temple as well, here many of times the troopers visit the hill for exercising, trekking, and we get the view of the whole Pune city from top of Parvati hill.
- The Sinhgad fort has a great significance in history from Chhatrapati Shivaji Maharaj era, is also a trek, outing destination as well as khadakwada dam also is a weekend destination and supplier of water to the whole city with the Parvati and Varanagad dam as well.
- Then comes the Puneri Pattya, which are famous.
- Lastly, the cultural of Pune speaks a more about the city, the ganeshtotav is celebrated here with great joy and enthusiasm, there are 5 Manache Ganpati in pune other than Dagdusheth Halwai Ganpati, the festival here is celebrated by following all the rituals and traditions from generation to generation and will carry forward too.

SINHGAD COLLEGE OF ARCHITECTURE NAME-SHRUTIKA NINGUNE 4TH YEAR B.A.RCH DIV-C ROLL NO.-23

URBAN STUDIES - I KNOW YOUR CITY

KNOW YOUR CITY - PUNE

- Analysis and understanding of native place through blogs, articles and reviews.


- From the reviews, articles, blogs I understood that people like the cultural heritage, climate, connectivity to major cities, facilities, destinations nearby, weekend place and lot more things.
- As Pune city is the IT hub, many of the young generations are attracted to the city for employment. The city itself has lot of job opportunities.
- The city has lot of positive points but when we look the other way round, due to the increasing population lot of problems are coming in front.
- In the reviews itself people talk about the traffic problems after 5pm near IT areas and the increasing sound and air pollution because of it.
- Pune city is growing rapidly and smart city project are also in place.
- The work of metro is going in core areas and it led to traffic, dust and noise.
- Increase in population led to parking problems in core areas of city and eventually to the traffic.
- As metro plans weren't done back so the placement of metro is leading to the demolition of some structures and also cutting of trees.
- Places in city are growing more in residential towers as the increasing demand of the people, where green areas are reducing as compared to concrete jungle. We hardly find any park near our residence.
- Pune city is developing rapidly but somewhere we are loosing identity of city, our culture, heritage, traditions, way of living etc.
- What I feel is, we should change with the time but we should not lose the identity of city which is from so many eras. Pune city is not just about peaceful weather, best food, heritage but its also more about the city which makes it different from other, and with changing time we should not forget that.

SINHGAD COLLEGE OF ARCHITECTURE NAME-SHRUTIKA NINGUNE 4TH YEAR B.A.RCH DIV-C ROLL NO.-23


URBAN STUDIES - I KNOW YOUR CITY

2. Potentials and problems of city.


a) Traffic and parking issues -



- As Pune well known as an IT hub, has lot of employment opportunities and therefore attract a lot of young working population to the city.
- Increase in the population eventually led to the traffic problems and this is what Pune city is going through.



- As the Increase in vehicles because of population, there are also parking problems in core city areas as those areas weren't planned before for the future extensions for parking.
- People park on road side and the space for other vehicles to pass becomes less as thus the traffic emerges.
- All these factors are inter related to each other.



Increasing population in Pune.

Working population in Pune is more than the non working.

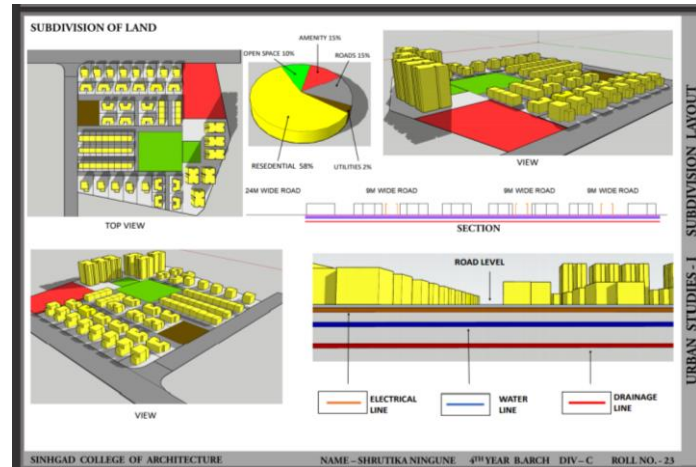
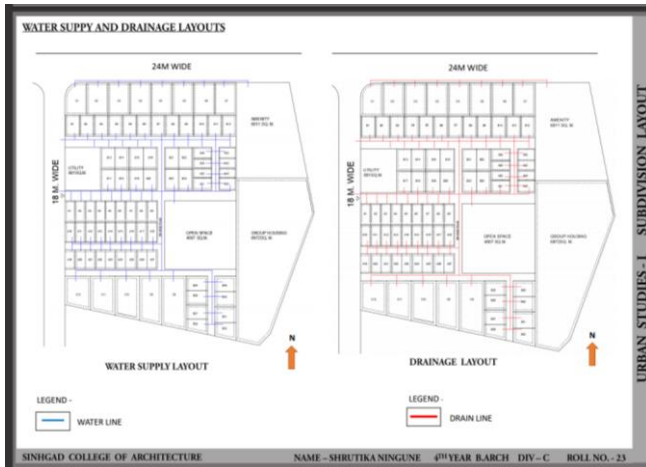
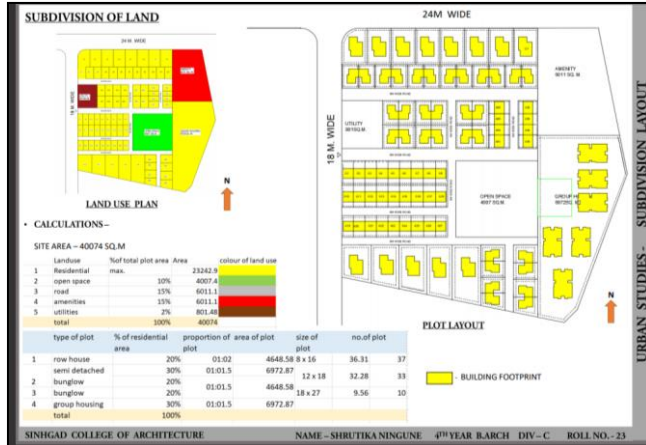
SINHGAD COLLEGE OF ARCHITECTURE NAME-SHRUTIKA NINGUNE 4TH YEAR B.A.RCH DIV-C ROLL NO.-23

URBAN STUDIES - I KNOW YOUR CITY

AKASH BHAUSAHEB LABADE, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH URBAN STUDIES - I



AKASH BHAUSAHEB LABADE, FOURTH YEAR

ACADEMIC WORKS

FOURTH YEAR B. ARCH
URBAN STUDIES - I

2. Potentials and problems of city.

b) Vendors on footpaths or wellknown places-

- As you can see that the purpose for which the things are constructed they are not used in that ways.
- The vendors sale their products or vegetables on footpath as well as near the Khadakwala dam losing the pure essence of that space.
- Footpaths aren't used for the purpose which they are made for.



❖ Solutions –

- If we provide a proper space for these vendors like a market place or a gathering in areas, they will also get a proper place and visitors will also get the services at one place.
- And if garbage disposal is made properly the garbage problem will get solved and reduce pollution.

- The waste generated by the vendors or the people who visit dam is left there itself which creates garbage problems and release of bad odor, this garbage is thrown in near by water bodies and this results in pollution.
- This is how all the things are inter related.



c) Losing the essence of heritage.

- Restoration, reconstruction of the heritage, the buildings led to losing the essence of the existing structures.
- they lose their identity.



In the picture as you can see that near the Mandal there are too many buildings which has surrounded the Mandal which are distracting visual contact with the heritage.

- So I think with the same techniques we must try to retain the original essence of that heritage and try not to over crowd that places which will distract the visuals.

URBAN STUDIES - I KNOW YOUR CITY

SINHGAD COLLEGE OF ARCHITECTURE

NAME - SHRUTIKANINGUNE 4TH YEAR BARCH DIV - C ROLL NO. - 23

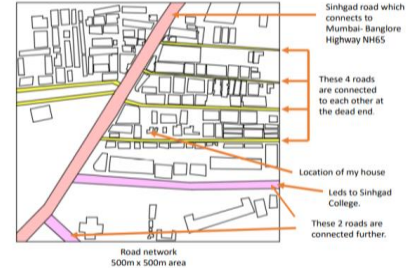
• NEIGHBOURHOOD ANALYSIS.



Location map

Location –
Manik Baug, Sinhgad road, Pune - 411051

- My locality has more residential spaces.
- The connectivity to the facilities and amenities in the area is too good and easily accessible.
- In around 1km of radius I have access to National Highway, malls, theatres, gym, restaurants, playground, amenities, temples, vegetable market, shopping complex etc.
- The road network is good and the trees are planted along road side.



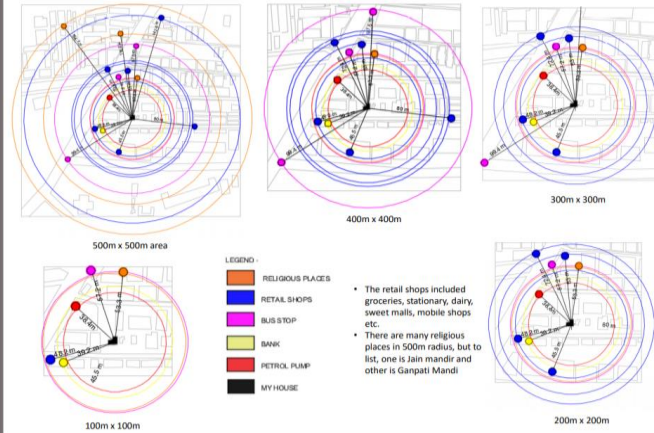
LEGEND -
24 M WIDE ROAD
12 M WIDE ROAD
8 M WIDE ROAD



SINHGAD COLLEGE OF ARCHITECTURE

NAME - SHRUTIKANINGUNE 4TH YEAR BARCH DIV - C ROLL NO. - 23

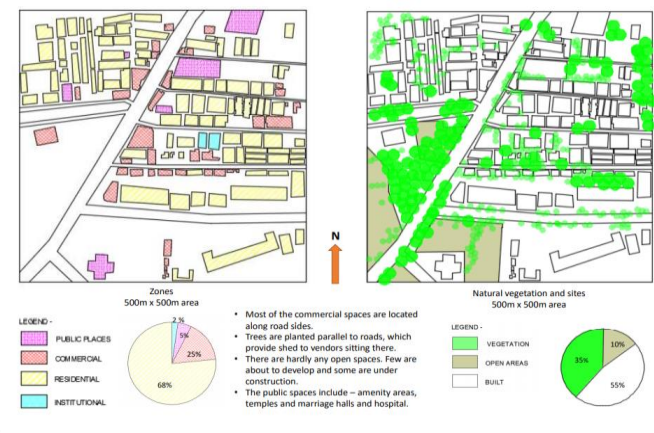
URBAN STUDIES - I KNOW YOUR NEIGHBOURHOOD



SINHGAD COLLEGE OF ARCHITECTURE

NAME - SHRUTIKANINGUNE 4TH YEAR BARCH DIV - C ROLL NO. - 23

URBAN STUDIES - I KNOW YOUR NEIGHBOURHOOD



SINHGAD COLLEGE OF ARCHITECTURE

NAME - SHRUTIKANINGUNE 4TH YEAR BARCH DIV - C ROLL NO. - 23

URBAN STUDIES - I KNOW YOUR NEIGHBOURHOOD

AKASH BHAUSAHEB LABADE, FOURTH YEAR

DESIGN PROCESS

STAGE 1

IN THIS STAGE THE GROUND COVERAGE OF THE BUILDINGS INCREASED THAN THE ALLOWABLE GROUND COVERAGE.

STAGE 2

IN THIS STAGE THE BUILDINGS ARE CONNECTED FROM EACH OTHER BY THE PROVISION OF THE PROJECT IN HOT SPOTS.

STAGE 3

IN THIS STAGE THE TWO HORN BUILDINGS ARE CONNECTED BY THE PROVISION OF THE PROJECT IN HOT SPOTS.

STAGE 4

IN THIS STAGE BUILDINGS ARE CONNECTED INTERNALLY BY ROAD BUT THERE IS NO CONNECTION BETWEEN THE EXTERIOR AND THE OPEN SPACE.

Open with

NUMBER OF STORES ARE PROVIDED TO THE BUILDINGS FOR CONVENIENCE OF THE USERS.

ONE WAY DRIVEWAYS ARE PLANNED TO AVOID TRAFFIC IN THE CENTER.

DRIVE WAITS ARE PROVIDED FOR THE CONVENIENCE OF THE USERS.

STAGE 5

THE BUILDING ARE PLANNED TO BE CONNECTED BY THE PROVISION OF THE PROJECT IN HOT SPOTS.

OPEN SPACE IS LOCATED AT THE CENTER TO AVOID THE TRAFFIC FROM THE BUILDINGS.

VIEWS

SHADOW ANALYSIS

7AM

12PM

6PM

VIEW

OPEN SPACE

CAR PARKING

PATHWAYS

DROP POINT

SERVICE LAYOUT

SCALE: 1:100

LEGEND:

- PUBLIC WATER SUPPLY TO LOT
- LOT TO BUILDINGS
- DRIVE TO THE DRIVE WAY
- ELECTRICAL LINES
- SEWERAGE LINES
- RAINWATER WASTING LINE
- FIRE HYDRANT

SUB: URBAN DESIGN

ROLL NO. -01

4TH YE. BARCH

VIVEK G. AJMIRE

SHRINAG COLLEGE OF ARCHITECTURE

DOCUMENTING HERITAGE

the forgotten and unexplored

Students of Fourth Year, Division C and D, as a part of an assignment, made video documentaries of heritage practices, art, culture, which according to their point of view had to be conserved. The topics of the documentaries varied from national to family heritage, bringing together the diverse lost treasures of our country.

The study helped in broadening the perspective towards the conservation of heritage, and encouraged the explorer within.

Compiled by
Shreya Shukla
Fourth Year Division D

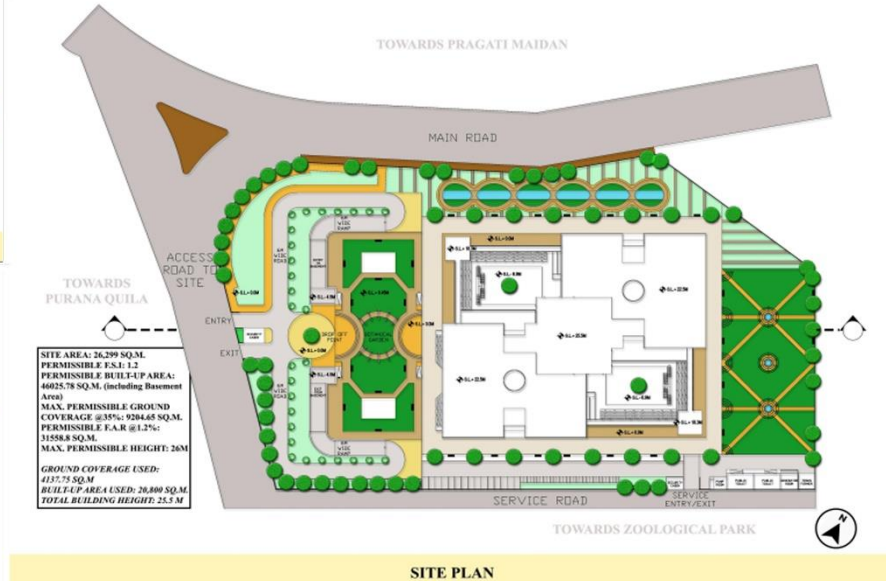
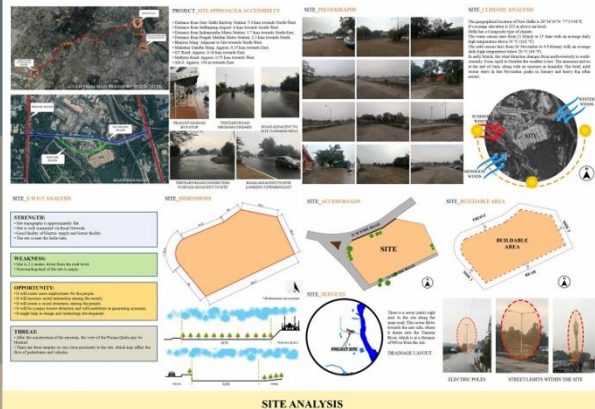
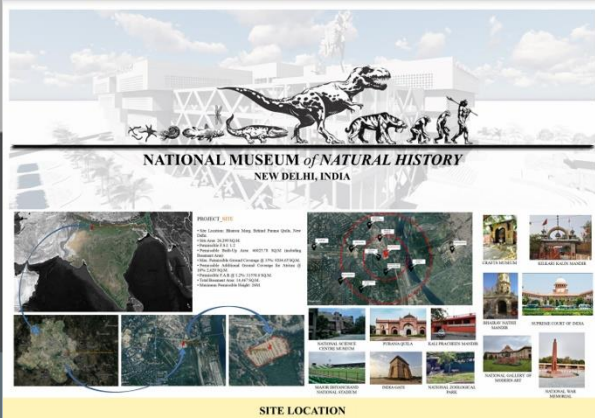


ACADEMIC WORKS

FIFTH YEAR

ACADEMIC WORKS

FINAL YEAR B. ARCH THESIS



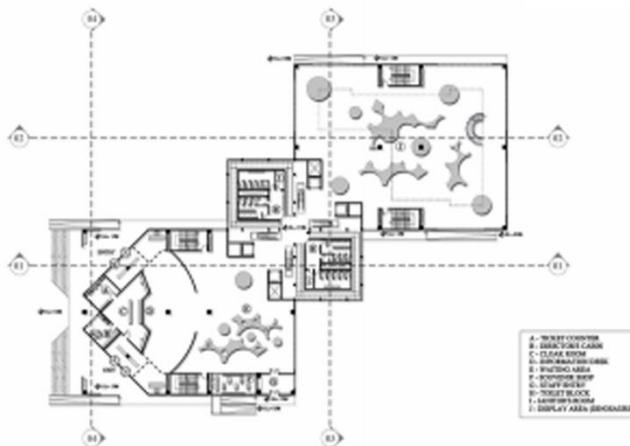
TILAK KOGTA

ACADEMIC WORKS

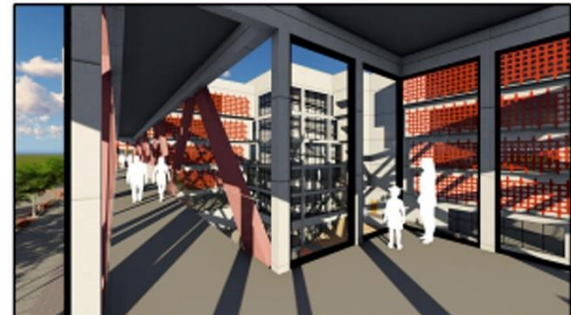
FINAL YEAR B. ARCH



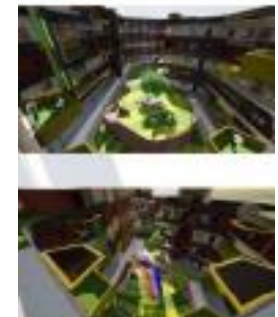
SECTION 01



GROUND FLOOR PLAN



ACADEMIC WORKS

FINAL YEAR B. ARCH
THESIS

FINAL YEAR B. ARCH
THESIS



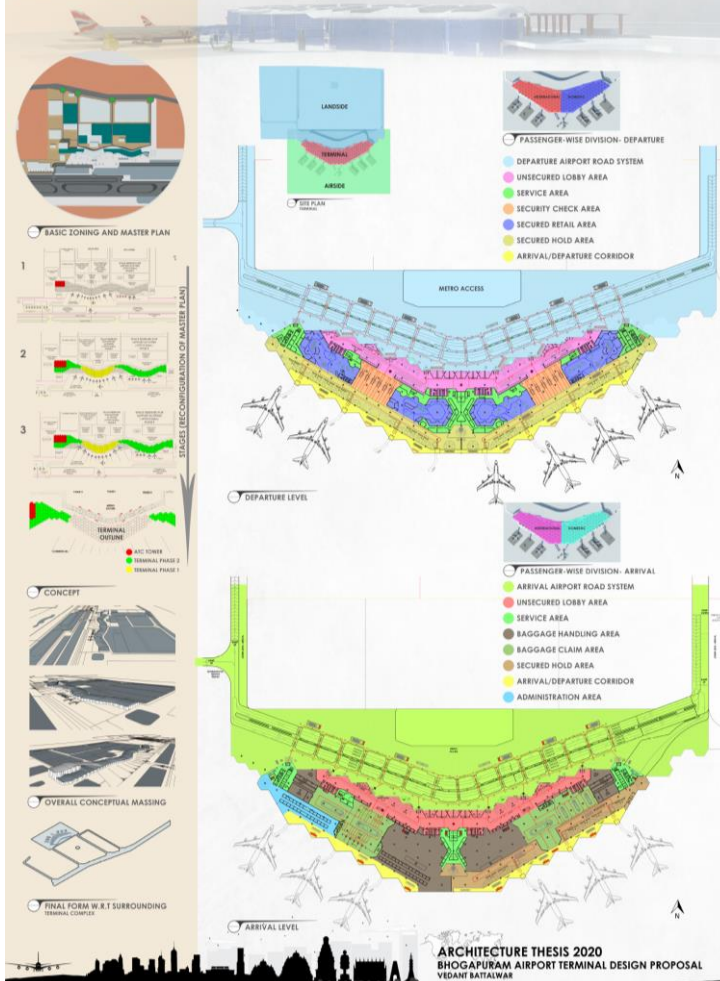
ACADEMIC WORKS

FINAL YEAR B. ARCH
THESIS

CONCEPT & FORM DEVELOPMENT

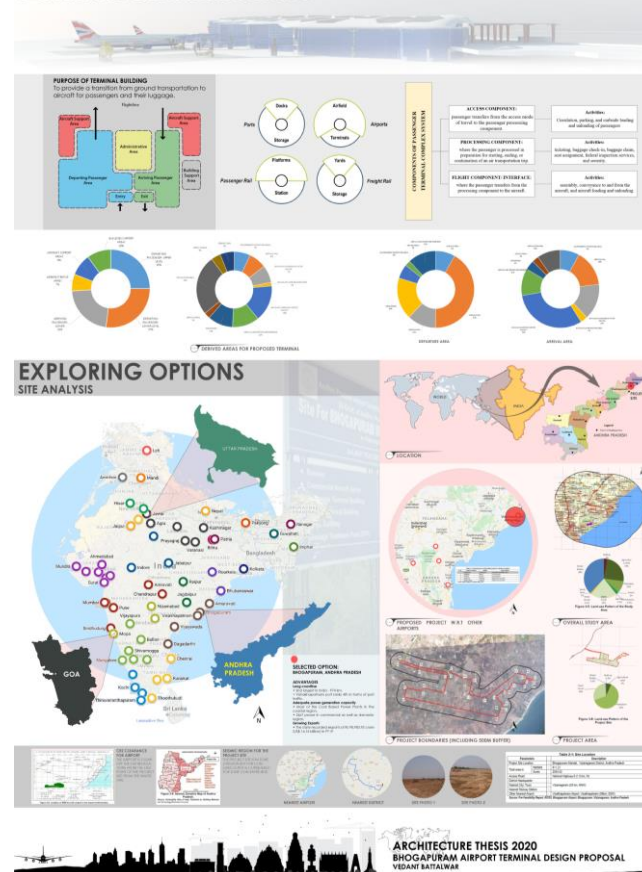
DERIVING FINAL TERMINAL FORM FROM THE EXISTING LAYOUT (EIA REPORT)

10



TERMINAL UNDERSTANDING

8



VEDANT BATTALWAR

ACADEMIC WORKS

FINAL YEAR B. ARCH

THESIS

SECTIONS

CROSS SECTIONS WITH ACTIVE AND REVERSE CUT TO UNDERSTAND ZONING THROUGH A PLANE

15

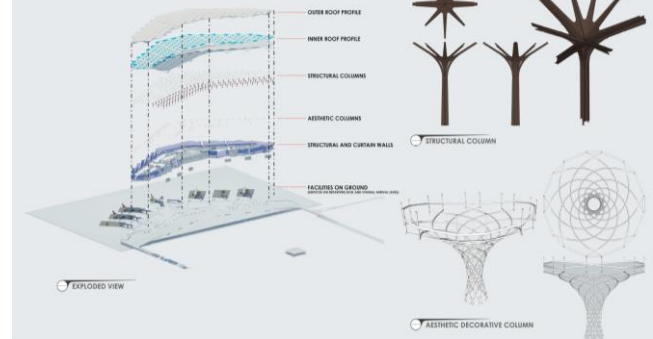


ELEVATIONS

18



DETAILS



VEDANT BATTALWAR

ACADEMIC WORKS

M.Arch

CONSERVATION





M.Arch. (Architectural Conservation)

Dr. Vaishali Prasad Latkar

Head, M.Arch. (Architectural Conservation)

PhD. M.Arch. (Architectural Conservation), B.Arch.

Vaishali Latkar is an academican and practicing conservation architect from Pune. She completed her graduation from Pune and post graduation in Architectural Conservation from SPA Delhi. She completed her Doctorate from SPPU in 2017. Her doctoral research focused on the built heritage of pilgrimage places.

She heads post graduate department in architectural Conservation at Sinhgad College of Architecture, Pune under Savitribai Phule Pune University. She has worked on conservation projects for INTACH, Pune Municipal Corporation and State Archaeology Department. She is a member of Heritage Committee constituted by the Government. She is a member of Board of Studies in Architecture at Savitribai Phule Pune University. She is a member of an executive Committee of INTACH, Pune Chapter.

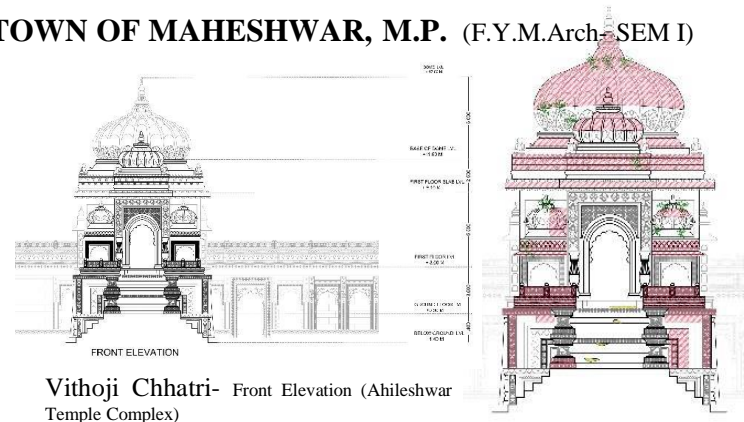
She regularly conducts heritage awareness programs as well as training programs in heritage conservation. She has also participated and presented in national as well as international conferences and widely written about heritage in journals and news papers.

About M.Arch. (Architectural Conservation) Program

Conservation is not a discipline per say, it is an attitude towards the world. Though the course is 'Master in Architectural Conservation', it actually inculcate a holistic approach towards everything. Emphasis is given on multidisciplinary approach and collaborations with eminent organisations for the benefit of students. Students of the course have excelled in professional and sphere by winning awards for their academic as well as professional projects. The core teaching team is dedicated and strives to achieve the best for the Institute and profession. Exposure to students is also given by engaging them in live and professional projects.

CONSERVATION PROPOSAL FOR FORTIFIED TOWN OF MAHESHWAR, M.P. (F.Y.M.Arch- SEM I)

Maheshwar town in Khargone district of M.P has been mentioned in Hindu religious texts as well as historic texts as an important religious and commercial center. The town is replete with military architecture from the Mughal Period; old temples, ghats and wadas from the Maratha Period as well as institutional architecture from the British Colonial Period. Although the history of the region dates back to the Paleolithic Period, the town itself came to prominence when it became the capital of the Holkar Regent Ahilyabai. Even today, it has an ethos that is strongly derived from her patronage and its proximity to the Narmada river. Its fortification, ghats and temples are popular across the world. The Malwa region was wrested by Emperor Akbar circa 1565 CE from the Mandu Sultanate. Its fortification was completed circa 1600 CE during his rule. For the next 150 years, the region was administered by various Governors under Mughal suzerainty. After the region was conquered by Subhedar Malharrao Holkar under the Peshwa's authority, it came under Maratha rule. From 1766 - 1795 CE, extensive construction and renovation was carried out in Maheshwar under Devi Ahilyabai's supervision. After Indore became an independent Princely State during British colonial rule in India and upto Indian independence, Maheshwar remained with the Holkars as their Khasgi property. It continues to be the residence of her descendants even today.



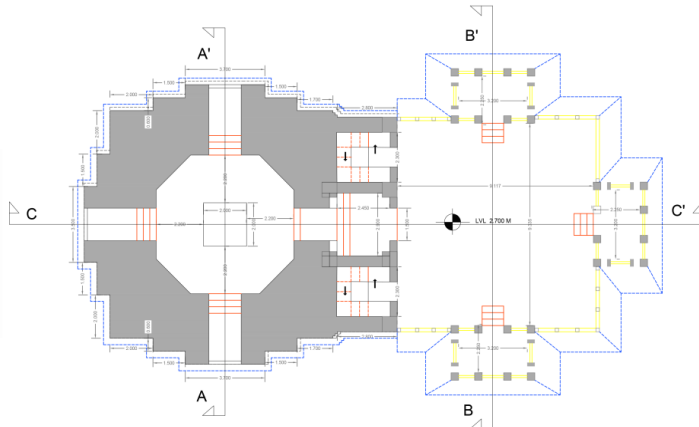
Aheleshwar Temple Complex,
Maheshwar

© drawings are a property of masters department and
Holkar trust.



A live project in collaboration with Royal family of Holkars, Khasgi Trust of Maheshwar Fort & Ar., Ravi Gundu Rao as Conservation consultant with academic contribution by M.Arch - AC, SCOA.

The aim of this project was to make students understand the significance of heritage structures of the monument type and introduce them to the concept of 'Monument with Setting'; followed by desired level of interventions so as to conserve the heritage. It will also train them in documenting heritage properties with necessary archival research and make them aware of the nuances of managing such heritage aided by legal tools, management skills, owners' perspectives, etc.



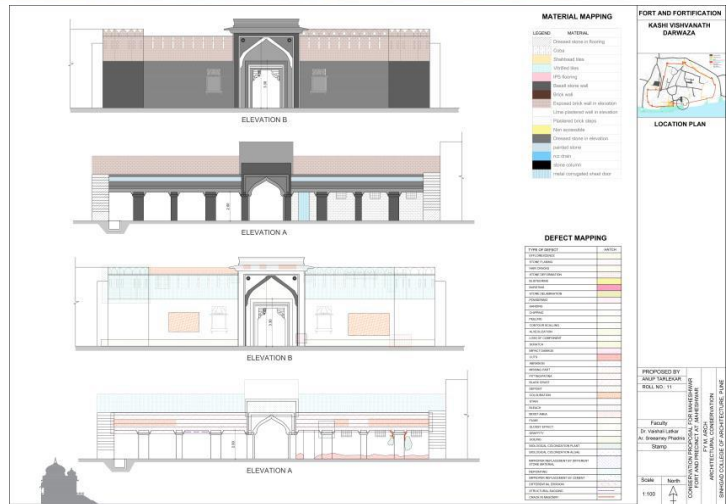
Aheleshwar Temple plan, Maheshwar

© drawings are a property of masters department and Holkar trust



Maheshwar Fortified Town

© drawings are a property of masters department and Holkar trust.

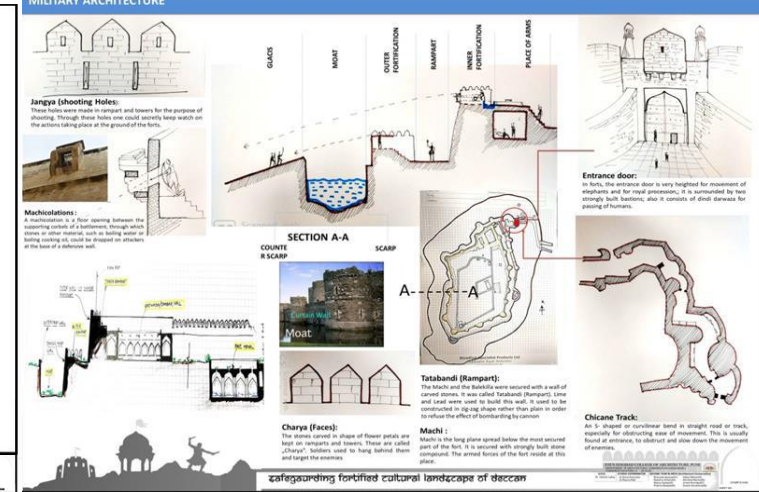
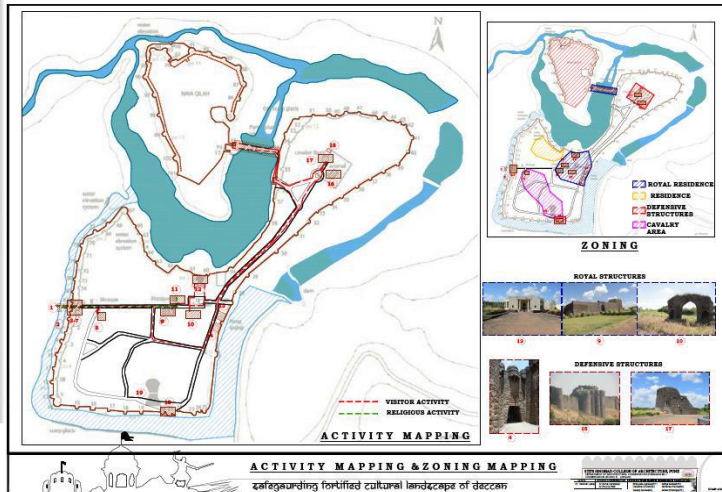
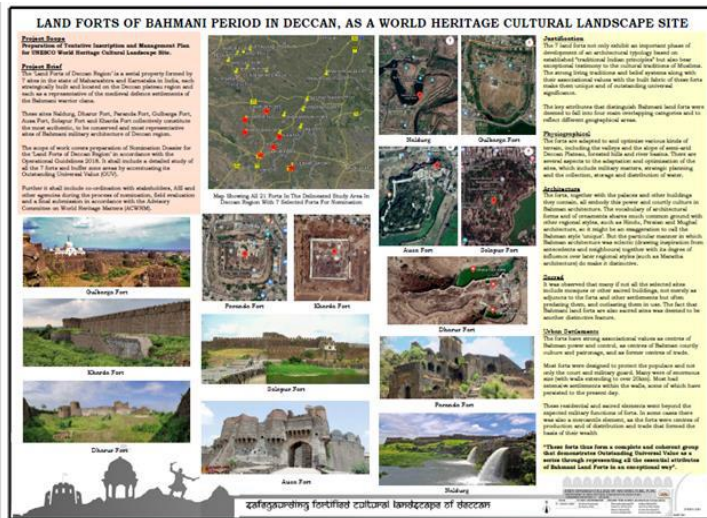


Entrance Gateway details, Maheshwar Fortified Town

© drawings are a property of masters department and Holkar trust.

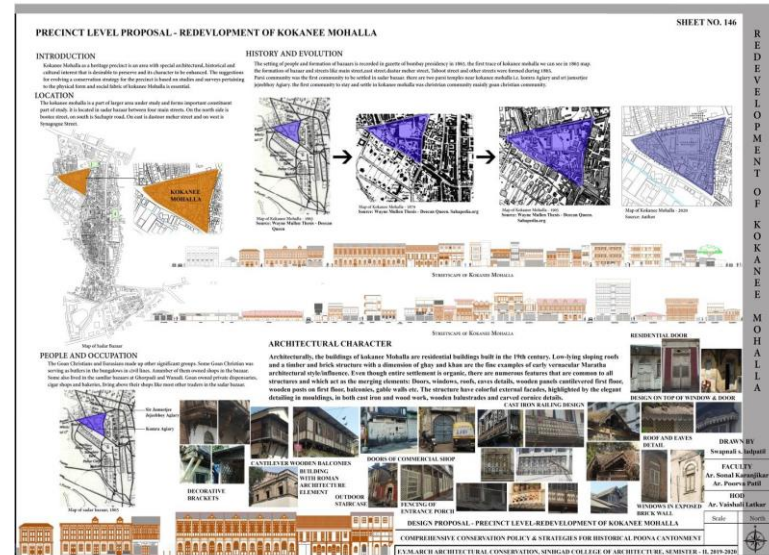


Academic Project 2- Safeguarding Fortified Cultural Landscape of Marathwada region during the Bahamani & Sultanate Phase . S.Y.M.Arch -Sem 3

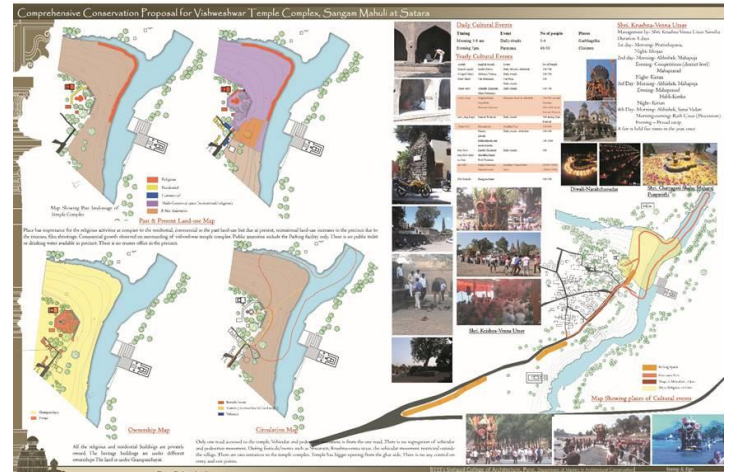
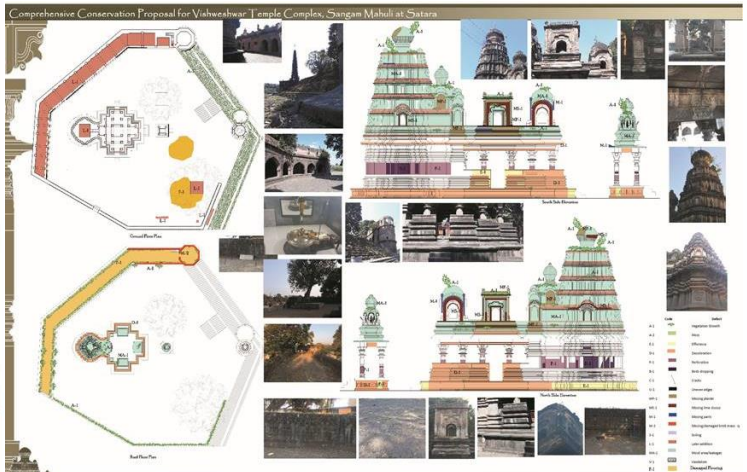


Academic Project 3 – Urban Conservation Proposal for Sadar Bazaar of Poona Cantonment F.Y.M.Arch -Sem 2 - 2019-20

The students of F.Y.M.Arch thoroughly studied a 19th century British cantonment town of Poona, and its context to Kadki, Dehu road, Wanowrie cantonments with respect to a detailed study of Sadar Bazaar planned specifically to cater the needs of the European military regiment of the monsoon capital of Poona of erstwhile Bombay presidency. Designed under the influence of European town planning and an evolved urban development through take overs from native surrounding settlement, sadar bazaar as a commercial market has its multicultural and multiethnic mix of social fabric. All the encompassing and inclusive approach towards serving classes and masses lead a strong living impact on the surrounding built core of these cantonments shaping its social significance celebrated till date.



Interaction with Dr. Wyane Mullen, expert on history of cantonment towns

[illegible]

ACHIEVEMENTS

M.Arch

CONSERVATION

Students Achievements: Masters Department : Architectural conservation

MASTERS OF ARCHITECTURAL CONSERVATION
Sinhgad College of Architecture, Pune

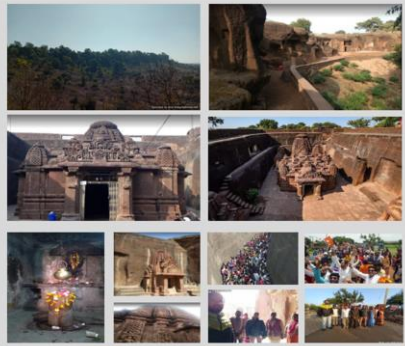
TOPPER

AR.ABHISHEK RANKA
M.Arch Architectural Conservation (SCOA),
Batch 2018-2020

My journey towards Heritage & Architectural Conservation:-

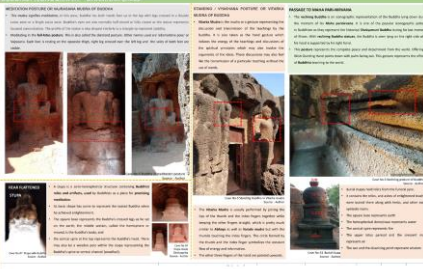
Studying Masters of Architectural Conservation at SCOA, has given me a great experience in terms of understanding different dimensions of Architecture & Heritage. Aspiration sometimes needs to be built and motivation needs to be constructed on the road of achievement following the destiny. Here creativity, conservation, art and culture significantly impacts skills, abilities and capabilities of students which is molded for its optimum utilization. This course gave me an opportunity to experience learning and understanding traditional conservation & restoration techniques and also gave an exposure to the unique heritage sites. The institute has filled me with enthusiasm to follow my goals to serve the industry. Excellent faculties who aims for overall development of the students. They also expose students to national and international professionals, workshops & lectures for knowledge enhancement. The immense knowledge and experience which was delivered by Faculties & Professionals, have molded me to deliver my best work in the conservation field in future.

Final Semester Project Work
COMPREHENSIVE CONSERVATION PROPOSAL FOR
GROUP OF ROCK-CUT DHAMNAR CAVES
AT MANDSAUR DIST. (MP)



Ar.Abhishhek Ranka
M.Arch Architectural Conservation (SCOA), Batch 2018-2020

Final Semester Project Work
COMPREHENSIVE CONSERVATION PROPOSAL FOR
GROUP OF ROCK-CUT DHAMNAR CAVES
AT MANDSAUR DIST. (MP)



Ar.Abhishhek Ranka
M.Arch Architectural Conservation (SCOA), Batch 2018-2020

Ar. Abhishek Ranka

MASTERS OF ARCHITECTURAL CONSERVATION
STES'Sinhgad College of Architecture, Pune

TOPPER

ADITYA M. MALKAR
M.Arch Architectural Conservation, (SCOA)
Batch 2018-20

My journey towards Heritage & Architectural Conservation:-

It gives me great pleasure in sharing my success after joining Masters in Architectural Conservation. SCOA Pune has successfully accomplished its promises and objectives in providing quality education and overall development of all its students. Expedition of Architecture was first started from affection towards Heritage. I was always enthusiastic about the human creativity before the Machinery world intervention. The field of Architecture Conservation engraved and enlightened value of the heritage. Since the Bachelors Thesis to onsite job of execution, I got well introduce to spine of heritage in the structural aspect. Masters in Architectural Conservation molded the knowledge of Restoration, Conservation and Preservation. Courses made narrow thinking behind the existence of the heritage and enhancing the life. In SCOA, department reinforced every academic task in targeted schedule. During COVID period Special Thanks for all the faculties for great support, guidance and time to time updates, management of all the correspondence in unfortunate circumstances. We will be always thankful and gratitude against every success and promise to gift Pride to you.

Final Semester Project Work
CONSERVATION PROPOSAL FOR 19TH CENTURY 'SHRIMANT ANANDRAW
GAIKWAR'S RAJWADA' AT KAULANE, MALEGAON



Ar. Aditya M Malkar
M.Arch Architectural Conservation (SCOA), Batch 2018-2020

Final Semester Project Work
CONSERVATION PROPOSAL FOR 19TH CENTURY 'SHRIMANT ANANDRAW
GAIKWAR'S RAJWADA' AT KAULANE, MALEGAON



Ar. Aditya M Malkar
M.Arch Architectural Conservation (SCOA), Batch 2018-2020


Ar. Aditya Malkar

Students Achievements: Masters Department : Architectural conservation

[illegible]

Ar. Bhavyata Agrawal

EXPLORING THE HINDU TEMPLES CONSTRUCTED DURING THE NIZAM'S DOMINION IN CITY OF HYDERABAD



Research done by
Ar. Bhavyata Agrawal
Student of Masters of Architecture (Architecture Conservation), 2020
Sinhgad College of Education, Pune, Maharashtra

Guided by Dr. Vaishali Latkar

STUDENT ACHIEVEMENT

**Masters of Architecture (Architecture Conservation),
Sinhgad College of Architecture, Pune, Maharashtra**

Congratulations Ar. Bhavyata Agrawal

National Conference

NO. 08-MEET-200711

Certificate Of Appreciation

Awarded to
Ar. Bhavyata Agrawal
(Student of Masters of Architecture (Architecture Conservation)
Sinhgad College of Architecture, Pune, Maharashtra)

has presented a research paper entitled: **"Exploring the Hindu Temples Constructed During the Hazrat's Dominion in City of Hyderabad"** in the National Conference on **"Recent Archaeological Explorations and Excavation Department"** held from 29-31 July 2020, jointly organised by Archaeological Explorations and Excavation Department, Heritage Society, Patna & IQAC and Department of History, Mahatma Lakshminarayan Singh Memorial College, L. N. Mittal University, Darbhanga.

Prof. Valsam R.
Prof. Valsam R.
Principal, V.A.S.M. College

Dr. Anandharasu Devadas
Dr. Anandharasu Devadas
Director General, Heritage Society


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www.sinhgadcollege.edu.in

Archaeological Exploration and Excavation Department
Heritage Society, Patna
In collaboration with
IQAC and Department of History
Mahatma Lakshminarayan Singh Memorial College, L.N. Mittal University, Darbhanga
presents

Recent Archaeological Investigations in South Asia National Conference




M.Arch ARCHITECTURAL CONSERVATION
STES's Sinhgad College of Education, Pune



Sinhgad Institutes

As an alumnus of the M.Arch – Architectural Conservation department, I feel privileged to discover and explore the passion for historic buildings. It was the most amazing experience for me to develop insights of understanding, documenting, grading and suggesting appropriate measures of conservation for historic property. The fondest memories of master's program for me were winning the first place in the National level competition of Indian Heritage Cities Network (IHCN), Paper and poster selected for the ICOMOS (India) - International Conference at Chandigarh, appreciation award for the Architects Engineers Surveyors Association (AESA). The master's program detailed with studios, guest lectures, hands-on training and participation in extracurricular activities developed my quest for Ph.D. studies abroad in USA with focus on heritage tourism. Professionally, the master's program benefited me working for a conservation project of Sir Sagar Palace, Mau Boda and Dillapuri forts of Rajasthan with Ar. Meenakshi Jain. I share a special bond with HOD of Master's Program Dr. Vaishali Latkar and professor Sonal Karanjikar because of their support throughout the Master's program and future endeavors.

ARPIT BHARATKUMAR SHAH
M.Arch (Architectural Conservation),
2012-14



Currently enrolled for,
Ph.D. LPMD program,
(Land Use, Planning, Management
and Design)
Texas Tech University, Lubbock, TX,
USA.

Ar. Arpit Shah

Alumni Achievement

Congratulations !!

**For joining
Ahmedabad World
Heritage Corporation**

Omkar Adhikari
Conservation Architect

Ar. Omkar Adhikari

Alumni Achievement

*Heartiest
Congratulations!!*

for being selected at the
University of Auckland,
New Zealand for your
doctoral studies in
Architecture.

Best wishes to you!



Ar. Mugdha Kulkarni
Alumni M.Arch Architectural Conservation (SCOA),
Batch 2015-2017

Ar. Mugdha Kulkarni

Teachers achievement: Masters department

NAME OF THE ACHIEVEMENT – First TTP co-ordinated by **Dr. Vaishali Latkar** in format of Webinar for COA-TRC with 1000+ registered participants and live coverage of all 20 sessions on social media.

DATE OF ACHIEVEMENT – 11th May 2020- 15th May 2020

HOST – Ar. Jayashree Deshpande- Council of Architecture- TRC, New Delhi

DESCRIPTION IN ONE LINE – TTP on ‘Teaching Indian Architectural History’.



council of architecture
online training programme

**teaching
indian
architectural
history**

convened by
Prof. Jayashree Deshpande
Director, COA-TRC, Pune

coordinated by
Dr. Vaishali Prasad Latkar
Head, MArch
(Architectural Conservation)
Sinhgad College of Architecture, Pune

11th -15th may '20

COA-TRC On-Line Training Program "Teaching Indian Architectural History"
Dates: 11th May 2020 to 15th May 2020

Convened by: Prof. Jayashree Deshpande, Director, COA-TRC, Pune
Coordinated by: Dr. Vaishali Prasad Latkar,
Head, M. Arch. (Architectural Conservation), Sinhgad College of Architecture, Pune

Monday 11 th May	Tuesday 12 th May	Wednesday 13 th May	Thursday 14 th May	Friday 15 th May
11.00 am - 12.00 noon 1. Launching online architecture Dr. Vaishali Latkar	11.00 am - 12.00 noon 2. Application of history of Architecture in real world. Prof. Anand Kumar	11.00 am - 12.00 noon 3. From Material to Metaphorical in Teaching Architecture Dr. Rajendra S.B.	11.00 am - 12.00 noon 4. From Material to Metaphorical in Teaching Architecture Dr. Rajendra S.B.	11.00 am - 12.00 noon 5. From Material to Metaphorical in Teaching Architecture Dr. Rajendra S.B.
12.00 noon - 1.00 pm 6. Architectural History: Its nature and evolution Dr. Vaishali Latkar	12.00 noon - 1.00 pm 7. Architectural History: Its nature and evolution Dr. Vaishali Latkar	12.00 noon - 1.00 pm 8. Architectural History: Its nature and evolution Dr. Vaishali Latkar	12.00 noon - 1.00 pm 9. Architectural History: Its nature and evolution Dr. Vaishali Latkar	12.00 noon - 1.00 pm 10. Architectural History: Its nature and evolution Dr. Vaishali Latkar
1.00 pm - 1.30 pm 11. Architectural history learning from the digital and the analog: Its knowledge systems Prof. Anand Kumar	1.00 pm - 1.30 pm 12. Architectural history learning from the digital and the analog: Its knowledge systems Prof. Anand Kumar	1.00 pm - 1.30 pm 13. Architectural history learning from the digital and the analog: Its knowledge systems Prof. Anand Kumar	1.00 pm - 1.30 pm 14. Architectural history learning from the digital and the analog: Its knowledge systems Prof. Anand Kumar	1.00 pm - 1.30 pm 15. Architectural history learning from the digital and the analog: Its knowledge systems Prof. Anand Kumar
1.30 pm - 4.00 pm 16. History and philosophy Dr. Vaishali Latkar	1.30 pm - 4.00 pm 17. History and philosophy Dr. Vaishali Latkar	1.30 pm - 4.00 pm 18. History and philosophy Dr. Vaishali Latkar	1.30 pm - 4.00 pm 19. History and philosophy Dr. Vaishali Latkar	1.30 pm - 4.00 pm 20. History and philosophy Dr. Vaishali Latkar

NAME OF THE ACHIEVEMENT – Invitation to **Dr. Vaishali Latkar** to Contribute in conference to be part of the theme ‘Pilgrimage and Heritage’ by Dr. Amita Sinha.

DATE OF ACHIEVEMENT – 17th – 20th October 2019-

HOST – 48TH Annual Conferences on South Asia, Wisconsin- Madison, USA.

DESCRIPTION IN ONE LINE – Dr. Vaishali Latkar presented paper based on her doctoral research on Pandharpur & it's Built Heritage .



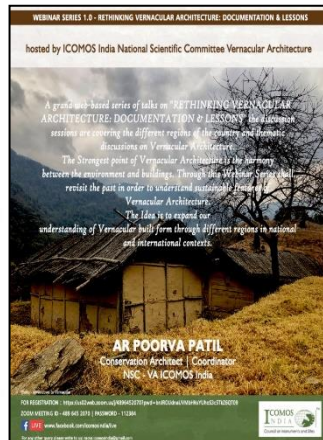
Teachers achievement: Masters department

NAME OF THE ACHIEVEMENT – Coordinator of National Scientific Committee- Vernacular architecture – COMOS, India for the tenure 2020-23

DATE OF ACHIEVEMENT – April 2020

HOST – NSC – Vernacular Architecture, COMOS-India.

DESCRIPTION IN ONE LINE: **Ar. Poorva Patil** took charge of Co-ordinator of NSC-VA and Conducted lecture series through online webinars across India , and a webinar series of 4 days on theme vernacular architecture of India with renowned experts across globe.

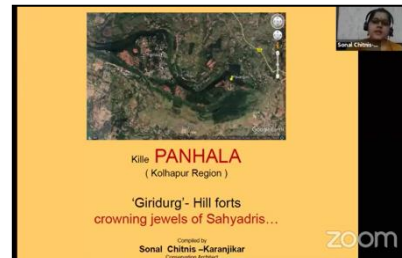


NAME OF THE ACHIEVEMENT – Contributing to Webinar on Forts Architecture of India by ICOMOS – INDIA, Representation of Western Maharashtra in Deccan Series.

DATE OF ACHIEVEMENT – 19 June to 4 th July 2020

HOST – Council of Monuments and Sites –INDIA, National Scientific Committee - Fort

DESCRIPTION IN ONE LINE: **Ar.Sonal Karanjikar** was a Speaker & Resource person Representing ‘Hill forts ’ of western Ghats, Maharashtra – Case of Panhala fort - on COMOS- India – a 5 day webinar by NSC- FORT .



ACADEMIC WORKS

M.Arch

COMPUTER APPLICATIONS







M.Arch. (Computer application)

DIGITAL DESIGN STUDIO: This core subject starts from first year up to second year first semester with the focus on basic concept formulation, non linear geometry and parametric thinking Objective of this studio is to introduce the integration of Visualization tools Architectural Design.

DIGITAL TOOLS TECHNIQUES: This core subject starts from first year up to second year first semester with the focus on Visualization and animation advanced 3 D software and programming. The focus of this subject would be on various digital tools and their applications in Architectural projects.

DIGITAL DESIGN THEORY: Specific theoretical issues dealing with form generation using the generative potential of software's unique ability to deploy geometric entities The objective of this class is to develop an understanding and a theoretical underpinning for digital mediation in architecture.

RESEARCH: This course introduces research methodologies in Digital Architecture To develop an ability to research on any chosen topic, with systematic methodologies.

M.ARCH Computer Application	NAME	DESIGNATION	QUALIFICATION
	Dr. Smita Suryawanshi	Head of the Department	B. Arch. M. Arch. (Architecture), PhD (Inclusive Design), IIT Roorkee
	Ar. Shruti Dandage	Assistant Prof	B. Arch. M. Arch. (Digital Architecture), Dr. B.N.C.A
	Ar. Ashwini Shitole	Assistant Prof.	B. Arch. M. Arch. (Computer Application), S.C.O.A
	Ar. Snehal Gade	Assistant Prof.	B. Arch. M. Arch. (Digital Architecture), Dr. B.N.C.A



FY M.ARCH(SEM I & Sem II) STUDENTS WORK



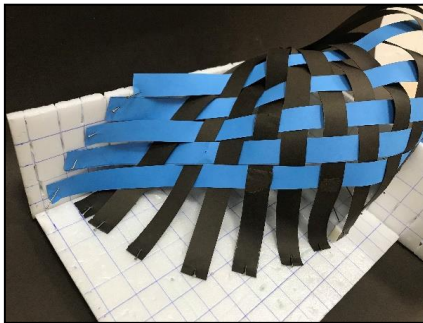
Digital Installation from cardboard tubes under Digital Fabrication



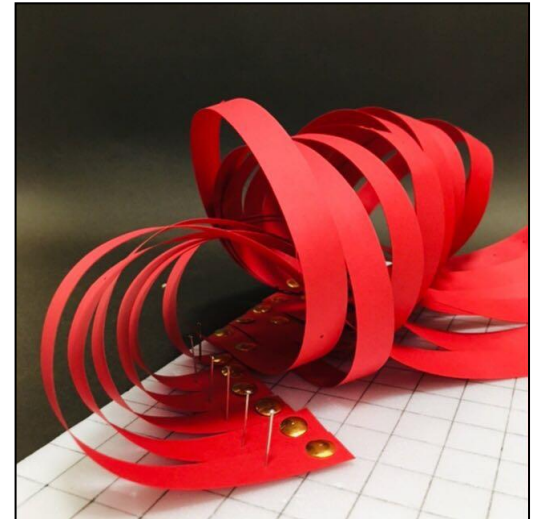
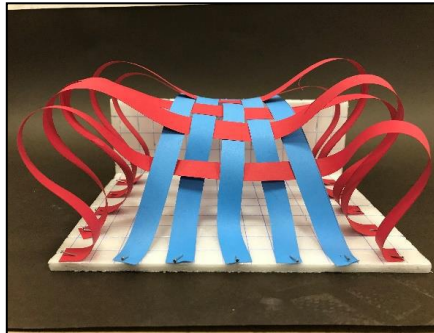
Sem II – Student Hostel Design



Sem I
Studio Work Deployable structure for an Exhibition Pavilion



Sem I
Strip Morphology Intention of this exercise was to understand the different morphologies of design with the help of constant and variable parameters.



S. Y M.ARCH (SEM IV) STUDENTS WORK



Thesis –Ar. Saajan Mehta




Thesis –Ar. Saajan Mehta



Thesis –Ar. Huzefa Patheria

Thesis –Ar. Jayraj Ghatge

INTRODUCTION



USING BAMBOO FOR VARIOUS PARAMETRIC FORMS

- Bamboo is a flexible material and may be curved or flattened by the application of heat and pressure (modur.com).
- This property of bamboo can be used to adapt to parametric shapes and forms.
- The shapes/forms were regenerated with bamboo material to understand its behavior as a material.
- The tools used were 'Rhino' and 'Grasshopper'. Within Grasshopper physics engine tool - Kangaroo2 is used.

SINGLY CURVED SURFACES

Barrel Vault
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

Cone
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

DOUBLY CURVED SURFACES

Elliptical Paraboloid
Frame Quality - Semi-solid, 25m, 75 Min Dia, 15 Min Wall Thickness

Shell Inspired
Frame Quality - Semi-solid, 25m, 75 Min Dia, 15 Min Wall Thickness

BAMBOO TRADITIONAL JOINERIES

A. Spliced joints
B. Orthogonal joints
C. Angled joints
D. Through joints

DOUBLY CURVED SURFACES

Hyperbolic Paraboloid
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

Hyperbolic Paraboloid 2
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

IMITATING TENSILE ROOF

Tensile Roof
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

Bamboo Model
Main Frame - 8 Bamboo, Hollow, 20m, 100mm Dia, 12 Min Wall Thickness
Supporting Members - 20 Sticks, Almost Solid, 12m, 50mm Dia

Parameters

- Scale
- Minimum Height
- Columns - Height, Dia of Bamboo
- Height of First floor from Ground floor
- Slab Thickness
- Bamboo/Plinth protection

PROPOSED 'BAMBOO PARADIGM' AT MURBAD, MAHARASHTRA
JAYRAJ UDAY GHATGE 8 YEAR THESIS COMPAPP
GUIDE: DR. SMITA SURYAWANSHI, AR, SHILPIT DANDAGE, AR, ANJANA SATHE

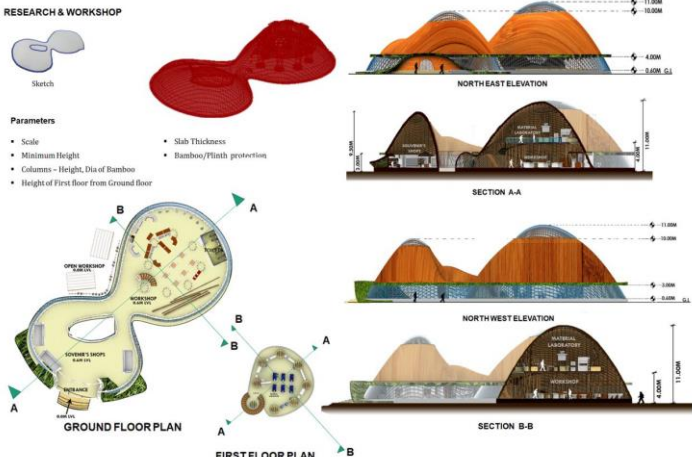
SITE PLAN



SR. NO	NAME OF THE FACILITY	AREA (Sq. M)
1	BUS PARKING	2 NOS.
2	2 WHEELER PARKING	25 NOS.
3	CAR PARKING	7 NOS.
4	LOADING/UNLOADING	300
5	BAMBOO WASHING AREA	587.64
6	A/V HALL	190
7	KITCHEN	75
8	CANTEEN	255.17
9	PATHWAY	
10	GLAMPING BUILDING	1015.45
11	SOUVENIR'S SHOP	600.38
12	MATERIAL LAB / WORKSHOP	1256.55
13	OPEN WORKSHOP	500
14	GROUND GLAMPING	355.22
	TOTAL AREA	5025.91

PROPOSED 'BAMBOO PARADIGM' AT MURBAD, MAHARASHTRA
JAYRAJ UDAY GHATGE 8 YEAR THESIS COMPAPP
GUIDE: DR. SMITA SURYAWANSHI, AR, SHILPIT DANDAGE, AR, ANJANA SATHE

RESEARCH & WORKSHOP

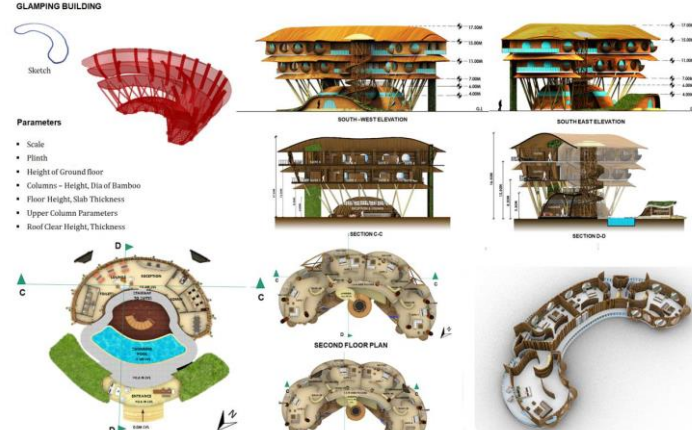


Parameters

- Scale
- Minimum Height
- Columns - Height, Dia of Bamboo
- Height of First floor from Ground floor
- Slab Thickness
- Bamboo/Plinth protection

PROPOSED 'BAMBOO PARADIGM' AT MURBAD, MAHARASHTRA
JAYRAJ UDAY GHATGE 8 YEAR THESIS COMPAPP
GUIDE: DR. SMITA SURYAWANSHI, AR, SHILPIT DANDAGE, AR, ANJANA SATHE

GLAMPING BUILDING



Parameters

- Scale
- Plinth
- Height of Ground floor
- Columns - Height, Dia of Bamboo
- Floor Height, Slab Thickness
- Upper Column Parameters
- Roof Clear Height, Thickness

PROPOSED 'BAMBOO PARADIGM' AT MURBAD, MAHARASHTRA
JAYRAJ UDAY GHATGE 8 YEAR THESIS COMPAPP
GUIDE: DR. SMITA SURYAWANSHI, AR, SHILPIT DANDAGE, AR, ANJANA SATHE

ACHIEVEMENTS

M.Arch

COMPUTER APPLICATIONS

NAME OF THE ACHIEVEMENT –Research
Paper selection at the TheNational Conference

DATE OF ACHIEVEMENT –21st and 22nd March
2020

HOST –SSOU’s School of Architecture, Urban
Development and Planning.

Ar. Pushkar Joglekar -Research paper on
“Neuroarchitecture -A relationship between
Neuroscience and Architecture” selected at The
National Conference held by SSOU’s School of
Architecture, Urban Development and Planning.



INDUSTRIAL VISITS:

Industrial Visit -Autocluster



LISTOFINDUSTRIES:

- ☐ Autocluster
- ☐ KakadeLaser
- ☐ Shree Arts

- ☐ Grind Master
- ☐ PattaniIndustrial Corp.
- ☐ Novabeans

Students Achievements: Masters Department : Computer Applications

International Level Competition:



NAME OF THE ACHIEVEMENT -Research Paper Presentation and Publication at the TheNational Conference

DATE OF ACHIEVEMENT –28th, 29thFebruary 2020

HOST –D.Y.PatilSchool of Architecture, Lohegaon

Ar.JyarajGhatge-Research paper on “Exploration of Bamboo as a Construction Material to Adapt to Parametric Forms” presented and published at The National Conference on Research in Architecture at DYPSOA, Lohegaon.



Student Name: Ar.Alok Karadkar

Award:2nd Prize in Kirloskar Vasundhara International Film Festival.

Ramnadi Photo Walk Competition.

Competition entry selected.

Two teams from M. Arch. Comp. Appl. participated in "ENTEKOCHI URBAN DESIGN COMPETITION" announced by Kochi Corporation. One of these team is shortlisted among special 100 teams all over.

Teachers achievement: Masters department**NAME OF THE ACHIEVEMENT**

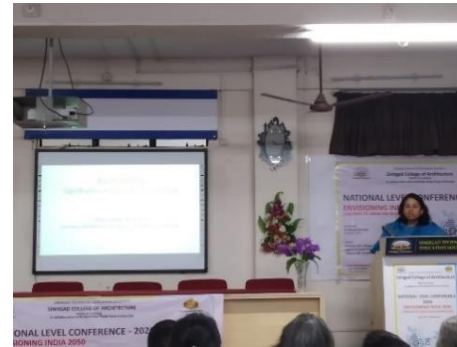
Research Paper Presentation and Publication at the The National Conference

DATE OF ACHIEVEMENT

23rd & 24th Jan. 2020

HOST Sinhgad College of Architecture, Pune

Dr. Smita Suryawanshi Research Paper on Bio mimicry Significance in Futuristic Architecture. Published in the National conference proceedings of “Envisioning India 2050 Concerns of Urban Environment”



NAME OF THE ACHIEVEMENT –Research Paper Presentation and Publication at the The National Conference

DATE OF ACHIEVEMENT –23rd& 24thJan. 2020

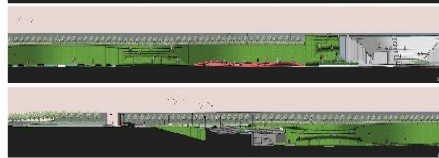
HOST–Sinhgad College of Architecture, Pune

Ar.Ashwini Shitole–Co-Author for Research paper on “Influence of migration on house forms of Kerala.”Published in the National conference proceedings of “Envisioning India 2050 –Concerns of Urban Environment”

ARCHITECTURAL COMPETITION ENTRIES

COMPETITION ENTIRES

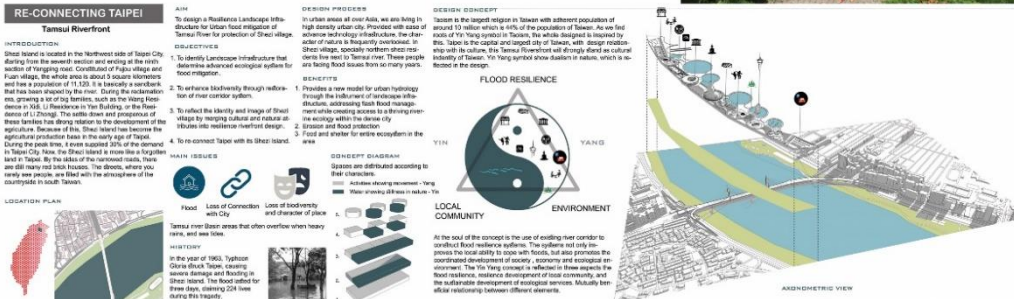
FOURTH YEAR B. ARCH
LAKHAN B. CHACHANE



Project Title: Reconnecting Taipei

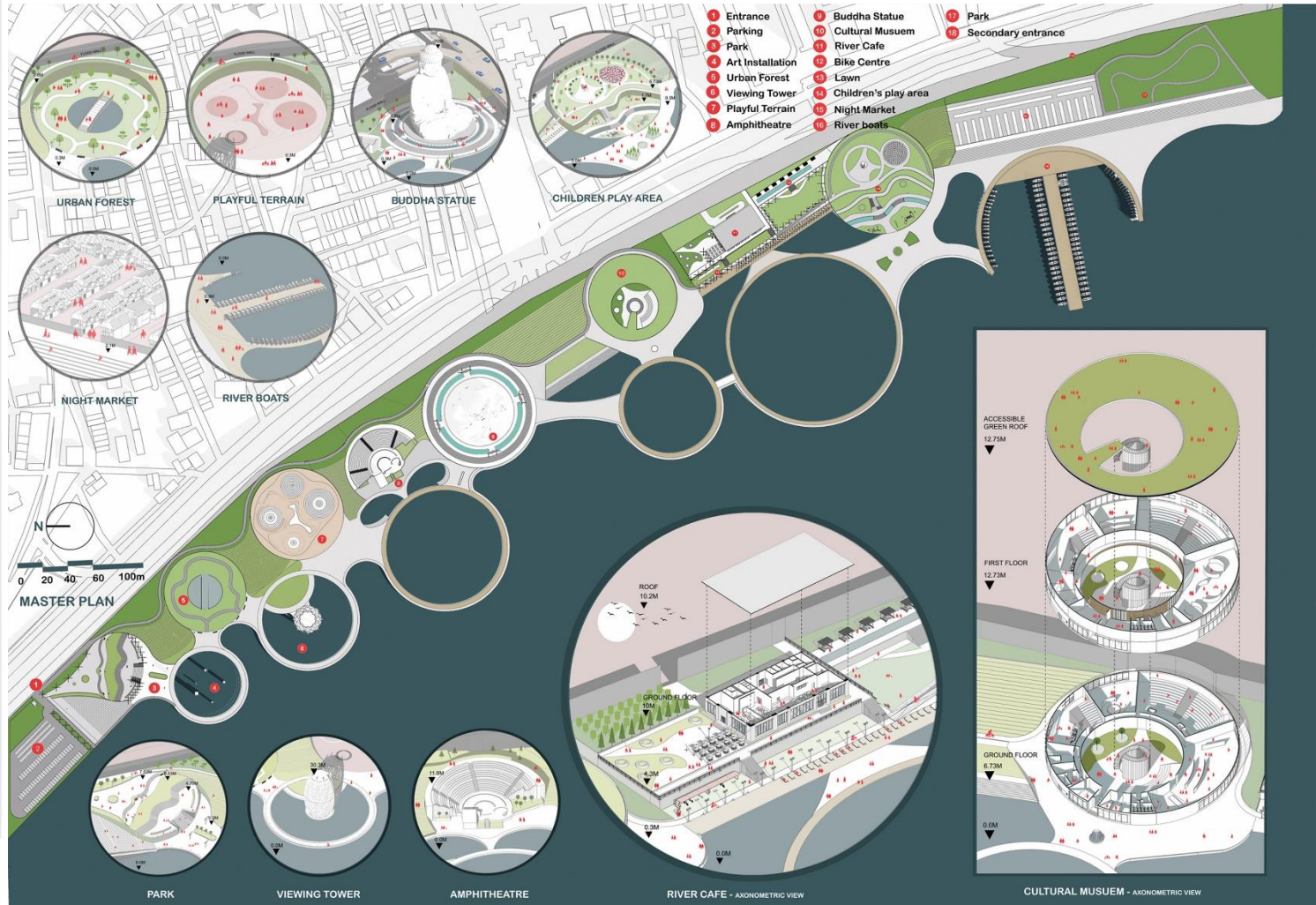
Finalist in Product design category & Environmental Sustainability Award

Taiwan International Student Design
Competition, 2020 organized by Taiwan Education
Ministry



COMPETITION ENTIERES

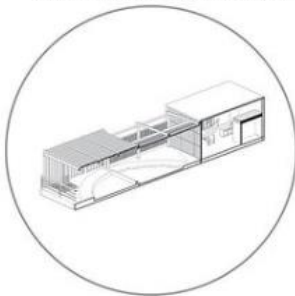
FOURTH YEAR B. ARCH
LAKHAN B. CHACHANE



COMPETITION ENTIERES

FOURTH YEAR B. ARCH
PRANAV GAWALE
SAISH DIMATE
TEJAL JAIKHEDKAR

HIVECRAFT CONNECTING INDOORS WITH OUTDOORS



THE SYMPHONY / CLIMATE - TROPICAL

PUNE, INDIA

THE HOUSE ITSELF IS A FORM OF POETRY. ONE NEEDS TO FIND THE RHYTHM INSIDE

THE FACADE FLOWS LIKE A HOMOGENOUS RIVER, THE BRICKWORK TURNS INTO PUNCTURED TERRACOTTA, THE CIRCULATION IS ITSELF A JOURNEY INSIDE THAT CONNECTS MAN FROM THE BOX WITHIN TO THE OPEN POSSIBILITIES OF NATURE.



CONCEPT -

THE STRUCTURE LAID OUT ON THE HILLY CONTEXT OF PUNE OUTSKIRTS, OVERLOOKS TO AN AMAZING VIEW OF JAMBHULWADI LAKE ONTO ONE SIDE WITH A HIGHWAY FLOWING THROUGH THE DOWNSIDE.

WITH THE TROPICAL CLIMATE OF PUNE, THE PENT-HOUSE IS DESIGNED SO AS TO RECONNECT MAN TO THE VASTNESS OF NATURE.

THE HOUSE COMPLETELY USES THE POWER OF NATURE FOR LIGHT AND VENTILATION

ACCESS

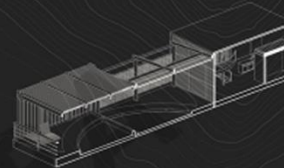
ENTRY +
LIVING +
TOILET +
KITCHEN +
STAIRCASE TO MEZZANINE

THE TRANSITION

THE COMMON SPACE +
GOLF COURSE +
FIREPLACE +
LAWN +
READING SPACE +
THE INSIDE OFFICE

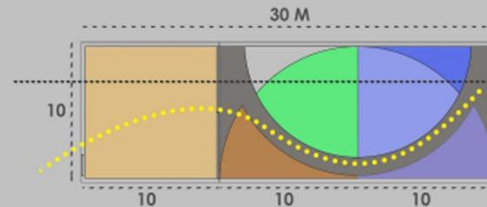
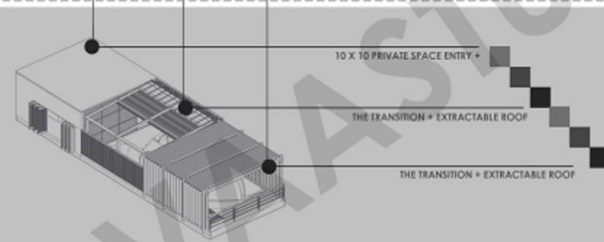
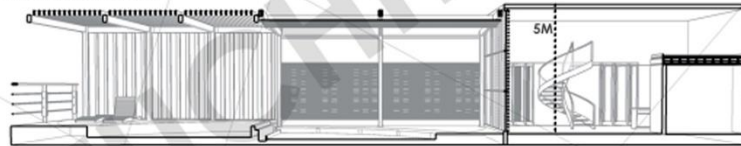
THE OUTSIDE

THE POOLSIDE +
VIEW GALLERY +
GREEN SCREEN



OPEN SPACES, FLOWING WINDS AND THE COZY WARM LIGHTS UNDER ONE ROOF

SHUTTERS RETRACTABLE ROOF PATIO



THE LIVING + DINING + TOILET + BEDROOM ON MEZZANINE, SUPPORTED ON A TIMBER PLATFORM GIVING AN AMAZING LAKESIDE VIEW THROUGH THE GLASS

THE POOLSIDE SITOUT

THE FIREPLACE SITOUT

GOLF COURSE

POOL + JACUZZI

MARBLE FLOOR PATTERN

UTOPIA-2020

the student's team selected a public plaza, street and a bus stop on **fc road, pune**.
one of the **liveliest streets** in pune, Fergusson college road is crowded popular shopping destination and youth attraction throughout the year.

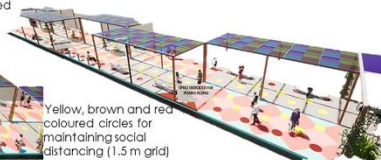
Redesigning of such a liveliest street by introducing public plaza, shaded walkways , well designed streets along with street furniture, and a public Bus stop.

Landscaping-

- Flood treatment (grate detailing) introduced around existing trees
- Proposed Side walk landscaping and Ornamental shrubs along the streets.



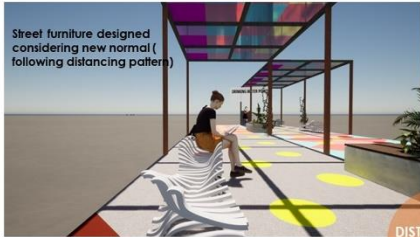
Yellow, brown and red coloured circles for maintaining social distancing (1.5 m grid)



SITE SELECTION CRITERIAS
This is a place where people shop, walk, chat, meet and eat.
Great opportunity to redesign.

One of the **liveliest streets** in Pune. Fergusson College Road has attraction among youths.

Busy street and quibale traffic. The area is a highlight of Pune. Located centrally.



Street furniture designed considering new normal (following distancing pattern)

DISTANCING PATTERN



Flooring pattern-Grid of pattern circle color for the purpose of social distancing.



No clashing with the public walking in the opposite direction



BUS STOP



BUS STOP



COMPETITION ENTIERES

FOURTH YEAR B. Arch
AKSHATA PATIL
PRADNYA MAHAJAN
SRUSHTI KSHIRSAGAR
SAYALI MHATRE

Design competition for a live project for CDAC

We happily inform that Four groups of B. Arch. Students of SCOA under the guidance of faculty advisors Ar. Priyanka Purohit (Team A), Ar. Bijal Vakhariya, (Team B) Prof. Kavita Patil (Team C) and Ar. Asmita Kale (Team D) participated in Design competition for a live project for CDAC office in Pune- ROOFTOP CAFETERIA.

They presented the proposals in online jury conducted by CDAC on 17th and 18th November 2020.

It's proud moment for us, 3 teams were awarded with winner and runner-up and 4th group with participation appreciation in a ceremony on 7th December 2020 at CDAC office. They were highly impressed with the creative designs, and are going to implement immediately. Team D was declared as the winner, Team B as the First Runner-Up and Team C as the second Runner-up and Team A recived participation appreciation .

Students:

Team A: ShubhankarAmbike, SamruddhiDharmadhikari, Shardul Deshpande, Kinjal Bhojani

Team B: Chaitanya Kasture, Saish Dhimate, Jagruti Kasle, Tejal Jaikhedkar, Utkarsha Kate

Team C: Chinmay Rajendra Nisal, Mohammed Lokhandwala, Sameera Mulay , Bhakti Lahane, Srushti Pravin Mahajan

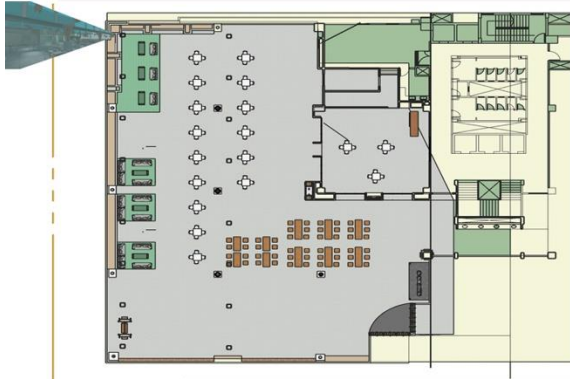
Team D: Omkar Salvi, Rohan Pote, Nachiket Salunke, Shreya Shukla, Tejas Rokade



C-DAC ROOFTOP CAFETERIA DESIGN-2020

COMPETITION ENTIERES

FOURTH YEAR B. Arch
NACHIKET SALUNKE
OMKAR SALVI
ROHAN POTE
SHREYA SHUKLA
TEJAS ROKADE



[re]vive
Reuse, recycle for a better, sustainable and economical future

सी डैक
CDCC



सी डैक
CDCC

COMPETITION ENTIRES

FOURTH YEAR B.Arch

UTKARSHA PATIL



COMPETITION ENTIERES

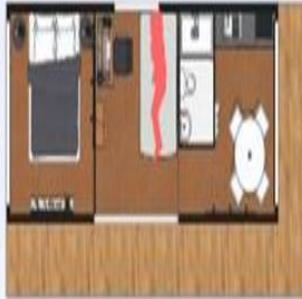
FOURTH YEAR B.Arch

UTKARSHA PATIL

LIVING ROOM
THE SOFA IS PULLED OUT OF WALL LIKE BERTH TO PROVIDE A COMFORTABLE SEATING AREA FOR UPTO 4 PEOPLE



SPARE BEDROOM FOR GUEST
THE SOFA IS EASILY TURN IN TO DOUBLE BED AS SOFA IS FOLDING BED

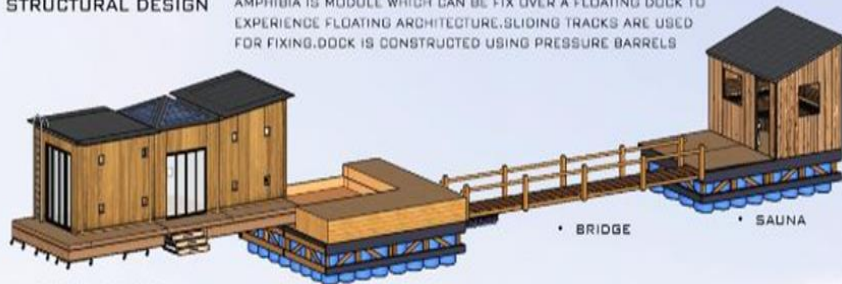


STUDY ROOM
SOFA IS HANG ON WALL LIKE BERTH AND A SPACE FOR WORK FROM HOME FOR LIVING COUPLES



STRUCTURAL DESIGN

AMPHIBIA IS MODULE WHICH CAN BE FIX OVER A FLOATING DOCK TO EXPERIENCE FLOATING ARCHITECTURE. SLIDING TRACKS ARE USED FOR FIXING. DOCK IS CONSTRUCTED USING PRESSURE BARRELS



UTKARSHA PATIL



COMPETITION ENTIERES

ADITI JAIN , FOURTH YEAR

AARTI GUPTA, THIRD YEAR

AASTHA GULHANE, THIRD YEAR

MAYURI DESHMUKH, SECOND YEAR

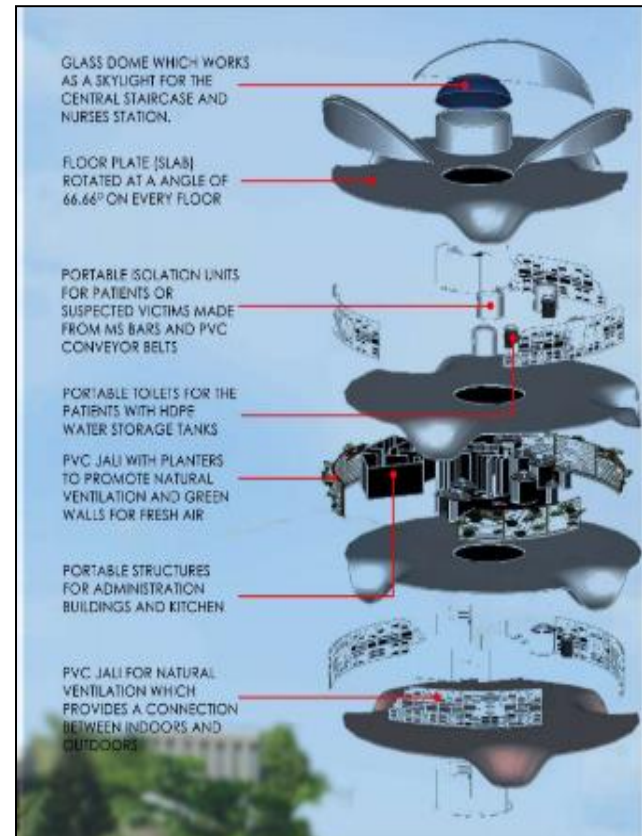
KESHAV SUTHAR, THIRD YEAR



THE PROJECT HARNESSES A PARTICULAR ADVANTAGE OF CIRCLE -SHAPED PLANS: **THE ABILITY TO CREATE CONTINUOUS, CURVING FACADES THAT OFFER PANORAMIC VIEWS OF SURROUNDING**

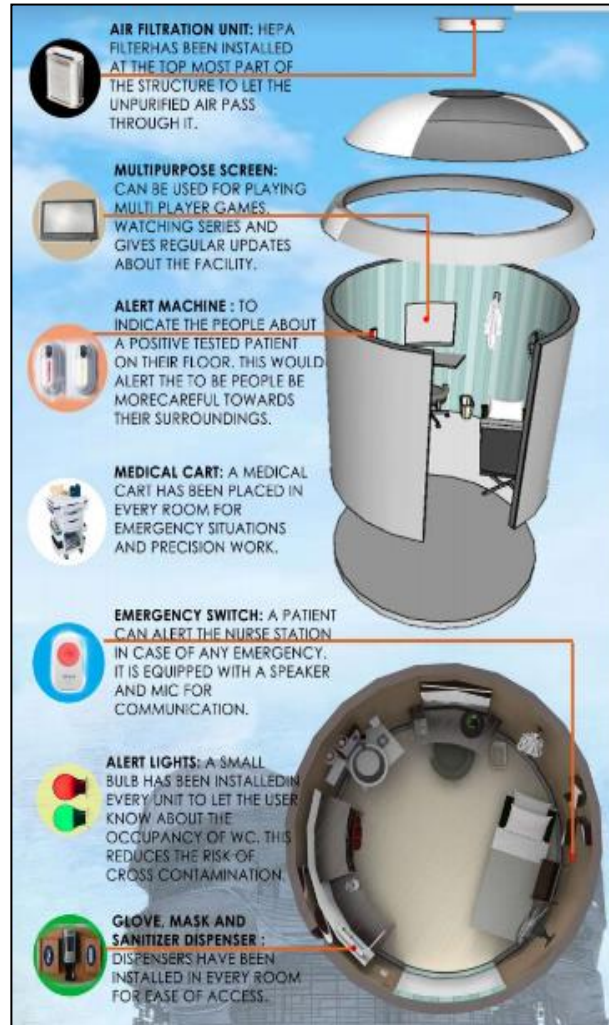
AND BOASTS A TOPOLOGICAL GEOMETRY THAT CONTRASTS THE CONTEMPORARY ORTHODOX APPROACH OF STACKED HORIZONTAL SLABS WRAPPED WITH MIRROR GLASS.

THIS QUALITY IS ACCENTUATED WITH THE PLACEMENT OF OUTWARD-FACING, PLANT FILLED AMPHITHEATRES WITHIN EVERY FLOOR, UTILIZING HIGH SOLAR GAIN INHERENT WITH THIS LAYOUT.



COMPETITION ENTIERES

GROUP WORK



STRUCTURAL FRAMING

AN EMERGENCY STRUCTURE WHICH CAN BE INSTALLED IN 2 HOURS TO MEET NEED FOR QUARANTINE SHELTER FOR AN INDIVIDUAL. THIS STRUCTURE NEEDS NO FOUNDATION WORK AND CAN BE BUILT UNDER INR. 8000-10000.



1. ASSEMBLING SINGLE MODULE WITH 200X200X4MM PLATE
2. INSTALLING CIRCULAR HOLLOW SECTION OF DIA 50MMX3MM



3. INSTALLING GEODESIC DOME WITH CUT SECTION

4. INSTALLING PVC COATED SHEET ON THE STRUCTURE

THE ISOLATION CELLS HAVE BEEN DESIGNED IN SUCH A WAY THAT THEY ARE PORTABLE, DIFFERENTLY ABLED FRIENDLY AND GIVES USER THE ABILITY TO HAVE EVERYTHING WITHIN HAND'S REACH.

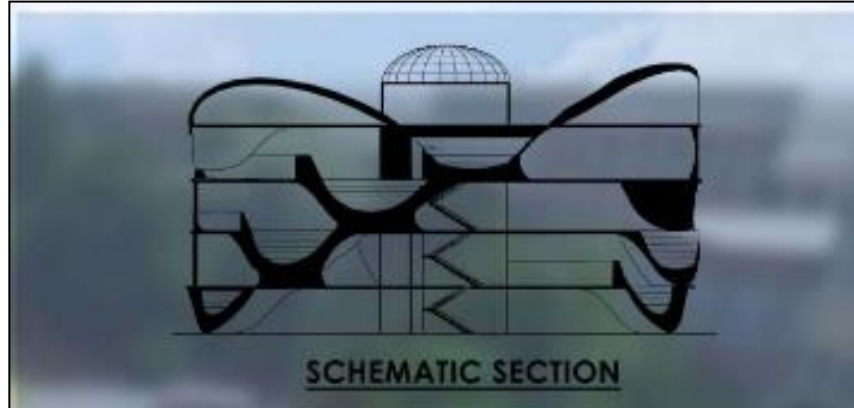
THE UNITS ARE EQUIPPED WITH VARIOUS ITEMS TO MAKE THE USER MORE COMFORTABLE AND IN CONTACT WITH THE NATURE WHILE ISOLATING THEM. SIX ISOLATION CELLS HAVE BEEN GROUPED TOGETHER TO FORM A CLUSTER AND THE CLUSTER HAS BEEN PROVIDED WITH 2WC AND 2 SHOWER ROOMS.

THE TOP MOST FLOOR IS FOR THE CRITICAL OR POSITIVE TESTED PATIENTS AND MAINTAINS TOTAL HYGIENE ABOVE ALL ELSE. THE UNITS HAVE BEEN PLACED IN SUCH A WAY THAT NO 2 UNITS OPEN IN THE SAME DIRECTION.

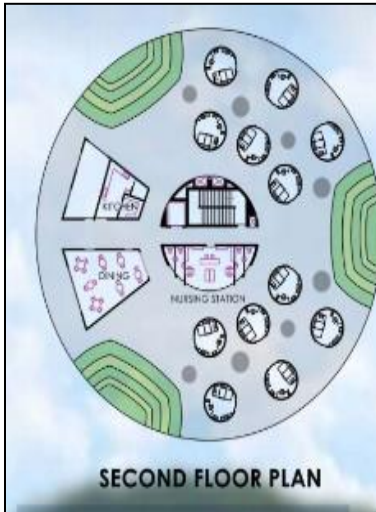


COMPETITION ENTIRES

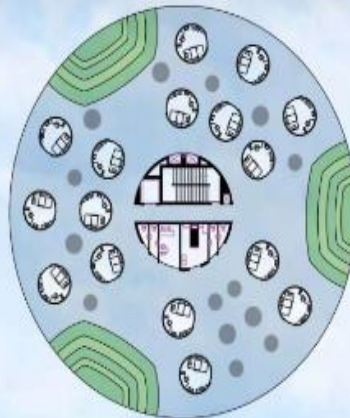
GROUP WORK



SCHEMATIC SECTION



SECOND FLOOR PLAN



THIRD FLOOR PLAN



SITE PLAN

COMPETITION ENTIRES

GROUP WORK

PATHWAYS ARE DESIGNED TO AVOID CROSS CONTAMINATION.

A DEFINED PATHWAY HAS BEEN DESIGNED FOR ALL THE PATIENTS TO USE SO THAT THEY DO NOT ROAM AROUND IN THE FACILITY AND RISK THE CHANCES OF CONTAMINATION.



THE DESIGN ADOPTS AN ALTERNATING SOLID AND VOID CONCEPT COMBINING INDOORSPACE WITH OUTDOOR AREA.

OUTDOOR AREAS ARE PLANTED WITH NATIVE PLANTS. THIS GIVES OCCUPANTS THE IMPRESSION OF CONSTANTLY BEING SURROUNDED BY NATURE.



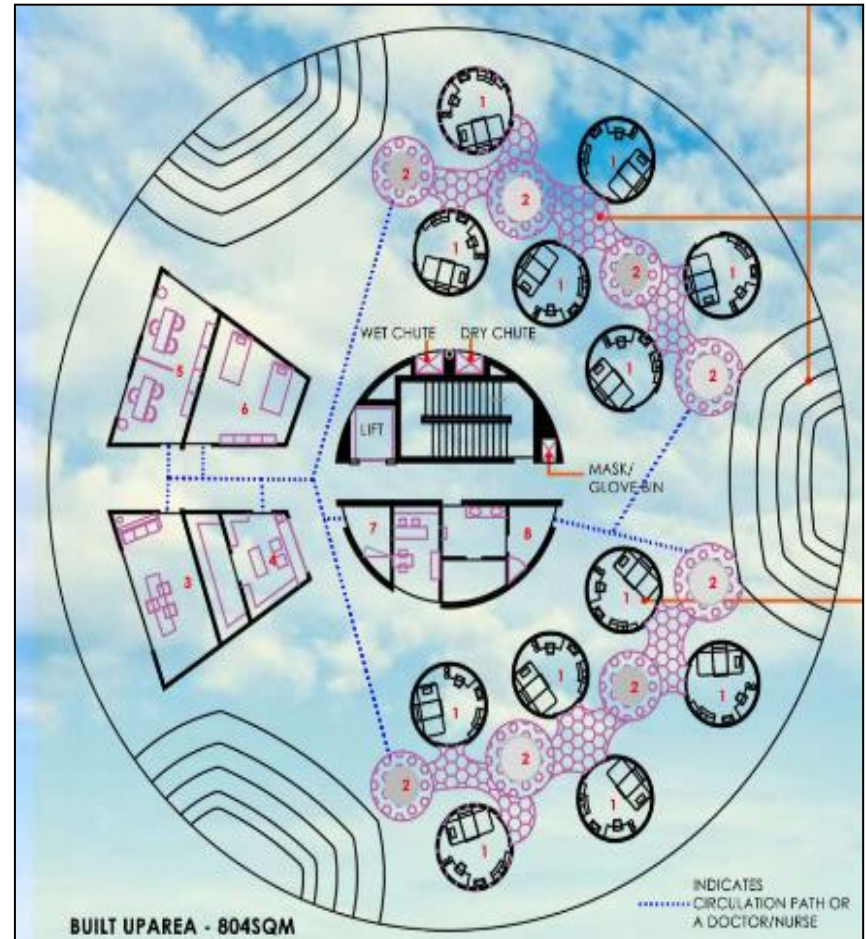
ISOLATION WARDS ARE DESIGNED KEEPING THE MAJOR PROBLEMS IN MIND.

THE ISOLATION CELLS HAVE BEEN PROVIDED WITH SLITS TO HAVE A LOOK AT THE OUTER GARDENS. A SCREEN HAS BEEN INSTALLED IN EACH CELL FOR MULTI PLAYER GAMES, REGULAR UPDATES, ETC.



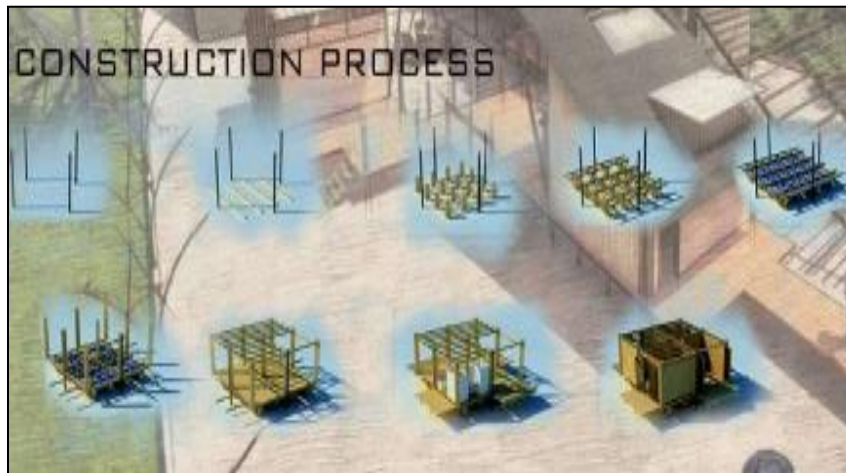
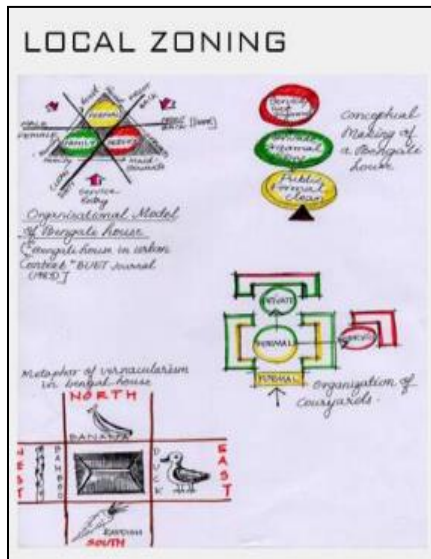
STEPPED GARDEN HAVE BEEN DESIGNED FOR FRESH AIR.

A STEPPED GARDEN STRUCTURE HAS BEEN PROVIDED FOR THE PATIENTS TO SIT. THE PLANTS HAVE BEEN PLACED IN SUCH A WAY THAT SOCIAL DISTANCING IS MAINTAINED AND ONLY 2 PEOPLE CAN BE SEATED AT A TIME.



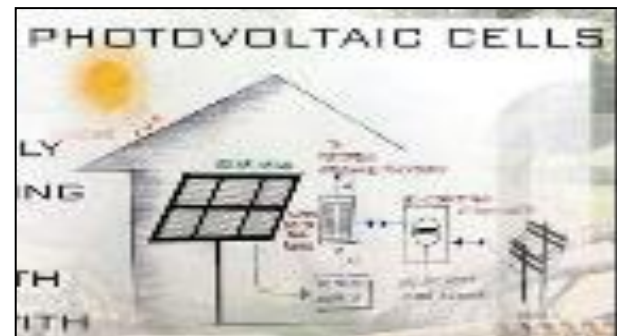
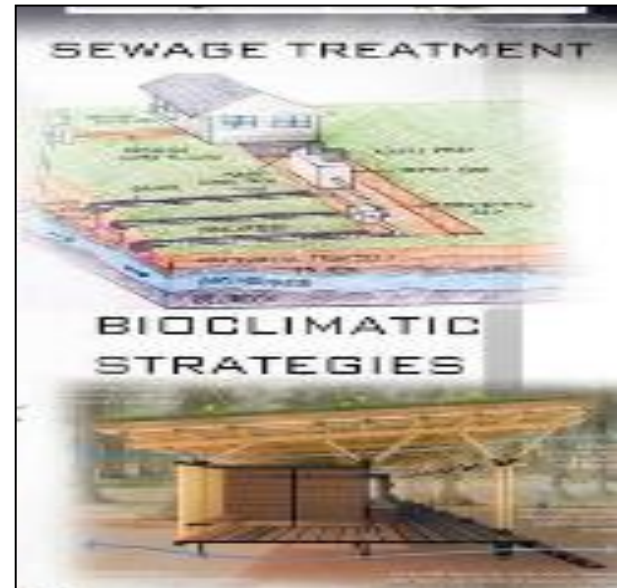
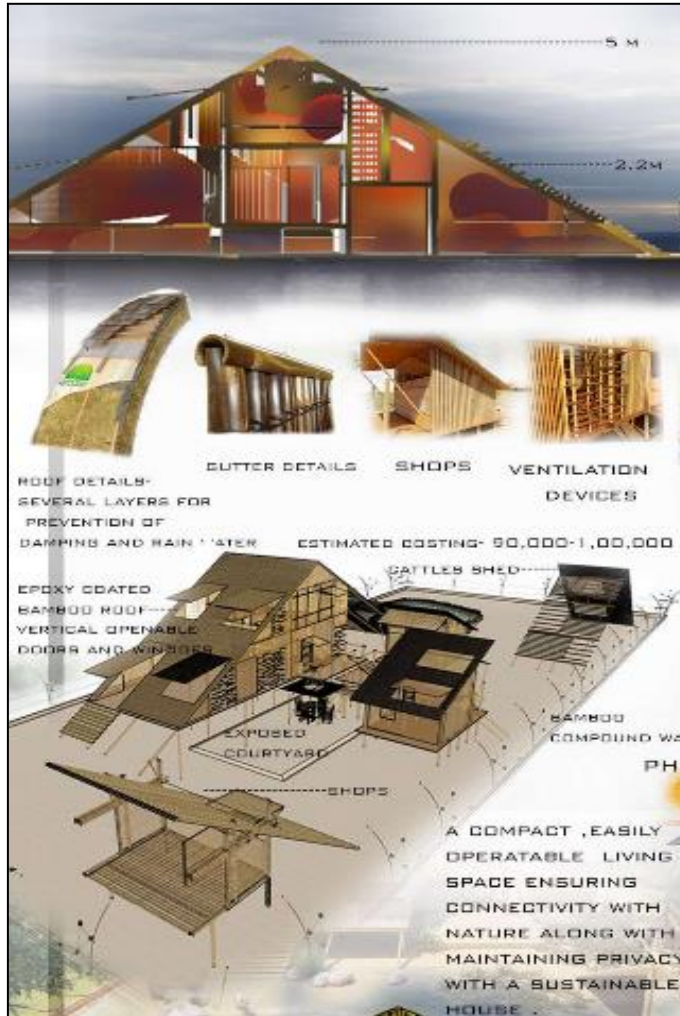
COMPETITION ENTIRES

GROUP WORK



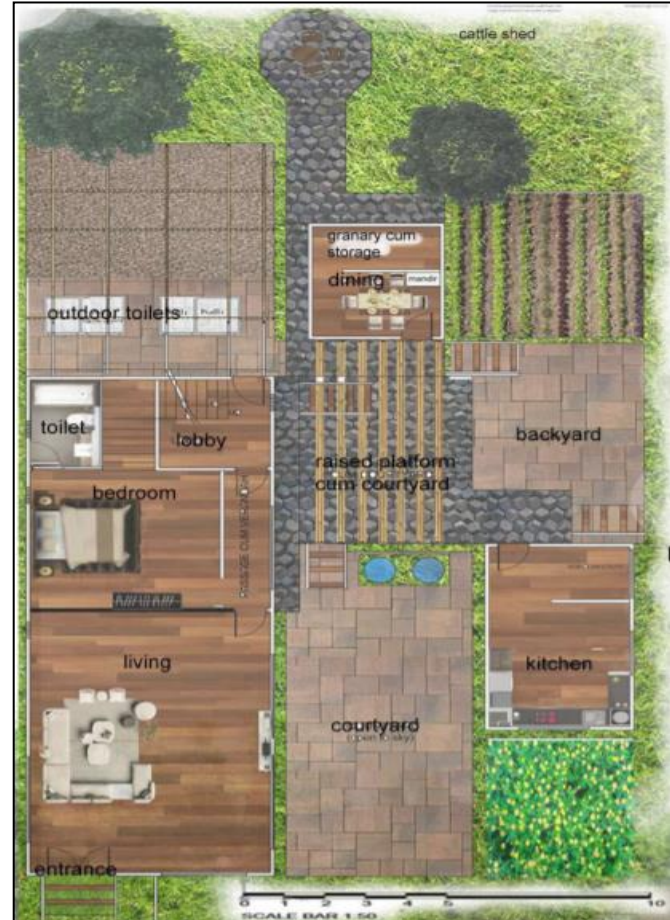
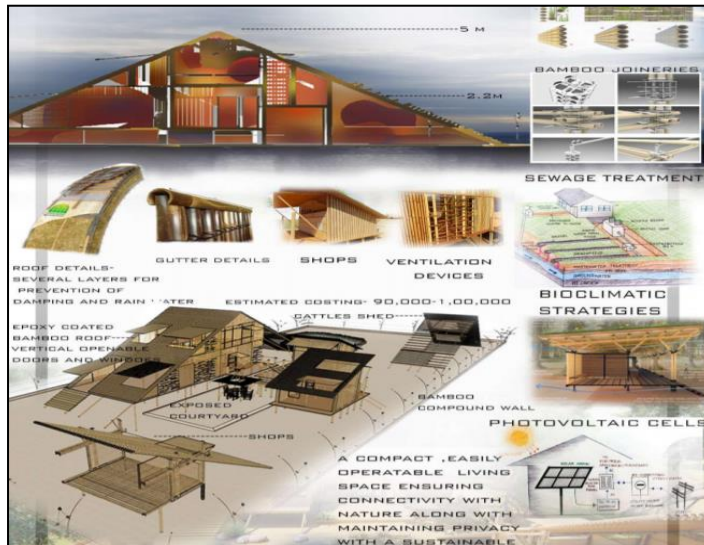
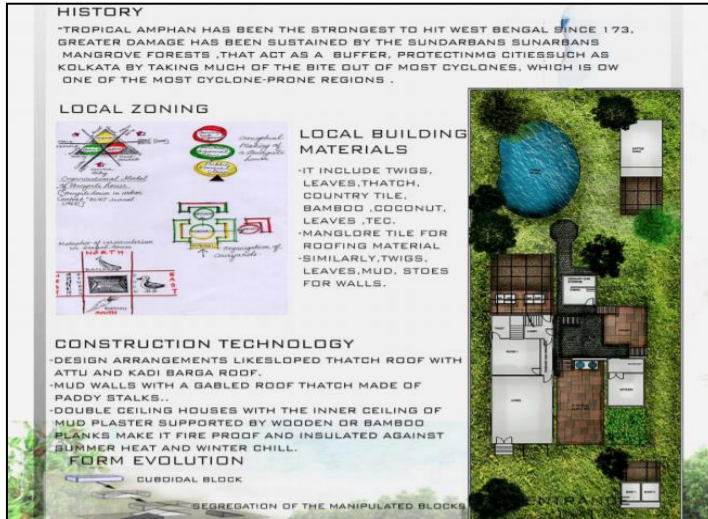
COMPETITION ENTIRES

GROUP WORK

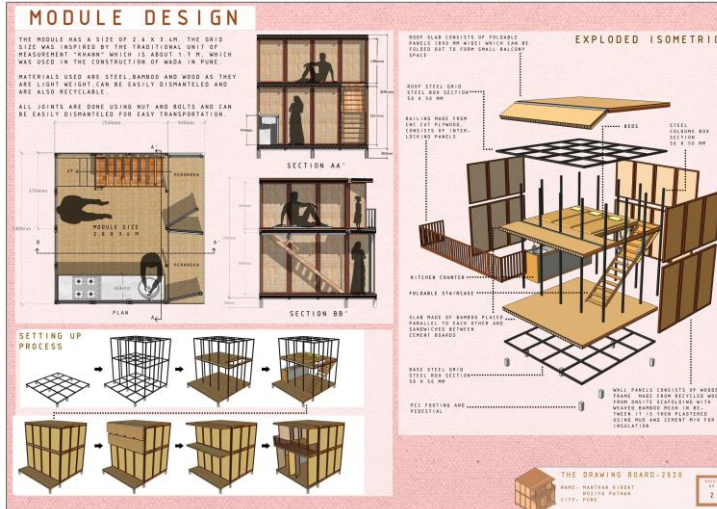


COMPETITION ENTIERES

Team: Aastha Gulhane, Mayuri Deshmukh,
Shivani Deshmukh, Keshav Suthar



COMPETITION ENTRIES



CO-CURRICULAR EVENTS

M.Arch E-Seminar

Webinar: M. Arch department (Architectural Conservation)

Sinhgad Institutes
Department of M.Arch-Architectural Conservation,
Sinhgad College of Architecture, Pune.

ICOMOS INDIA
Council on Monuments and Sites
National Scientific Committee-
TRAINING

Department of M.Arch-Architectural Conservation,
School Of Planning & Architecture, Bhopal.

Organises
A two Day E-Seminar on
23rd & 24th November 2020 from 2.00 pm to 6.00 pm (IST)

Effectiveness of Traditional Knowledge System In Disaster Management

Traditional Knowledge systems and its importance is well understood in academia and we continuously strive in the globalized world to keep pace with the technological advancement. Recent past witnessed many disasters affecting heritage worldwide, necessitating the need to address the same by including it as a part of heritage education in first place and identifying and incorporating traditional wisdom in heritage risks mitigating strategies in second. The program intends to cover basic concepts of Disaster Management domain with respect to knowledge along with effectiveness of Traditional Knowledge in managing heritage in pre, during and post disaster situations.

DAY 01



Dr. Rohit Jiyasu,
ICCOM, Rome, Italy



Dr. Ranit Chatterjee,
RIKA, UINSPRE, Japan



Dr. Rohit Ranjitkar,
KVPT, Nepal



Dr. Arun Menon
IIT Madras, Chennai, India

Background image © Dr. Rohit Jiyasu.

DAY 02



Dr. Ram Sateesh Pasupuleti,
IIT Roorkee, India



Dr. Benny Kuriakose,
Conservation Expert, Chennai,
India



Dr. Kim Downon,
(DMUCH) Kyoto, Japan



Ar. Vanicka Arora,
(Western Sydney University, Australia)

Grasp the basics of stream and triumph on the success stories from the renowned experts in the Field
Exclusively for the Post Graduate students of Heritage Studies in India
Participation through registration only. Last date of registration - 20th Nov 2020

Link For Registration : <https://forms.gle/VqJh7peomGxsYGEg8> Contact: (+91)8898406566 (what's App only)

Dr. Vaishali Latkar
(Co-ordinator NSC-Training, ICOMOS-India)
HOD, M.Arch-Architectural Conservation,
Sinhgad College of Architecture, Pune.

Ar. Navin Piplani
President
ICOMOS-INDIA

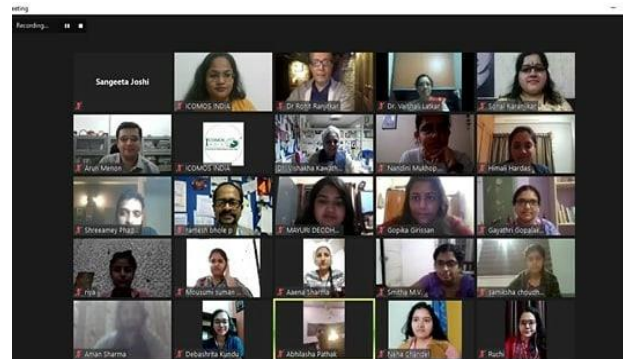
Dr. Vishakha Kawthekar
Member- NSC-Training, ICOMOS-India
HOD, M.Arch-Architectural Conservation,
School Of Planning & Architecture, Bhopal.

E-Seminar

Title: Effectiveness of Traditional knowledge system in Disaster Management

Date: 23rd & 24th November 2020

A two-day e-seminar was organized by M.Arch department (Architectural Conservation) in collaboration with ICOMOS and SPA Bhopal. There were eight eminent speakers contributed through their presentations.



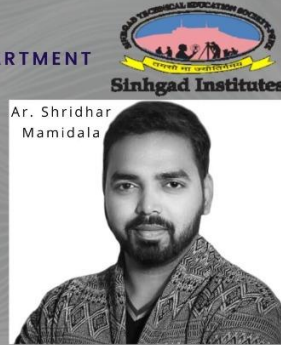
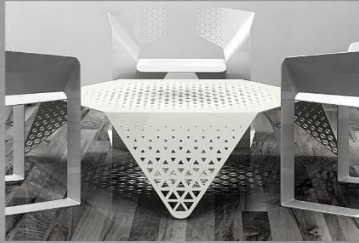
Webinar: M.Arch (Computer Applications Department of SCOA).

STES'S
SINHGAD COLLEGE OF ARCHITECTURE
M.ARCH COMPUTER APPLICATIONS DEPARTMENT
ORGANISES

PARAMETRICS AND PRODUCT DESIGN OCT 20TH 2020

A webinar showcasing a change in
approach towards better design
output

**Registration open for Students and
Professionals.**



Speakers:

**AR. SHRIDHAR MAMIDALAA
AR. ANURAG SAPKOTA**

**Date : 20th Oct 2020, Tuesday
Time : 4-6 P.M**

Registration link:

<https://forms.gle/8ZNqUe4MplI9cId36>

HURRY UP! ONLY FEW SEATS LEFT

FOR FURTHER DETAILS CONTACT

Ar. Snehal Gade
snehalgade.scoa@sinhgad.edu

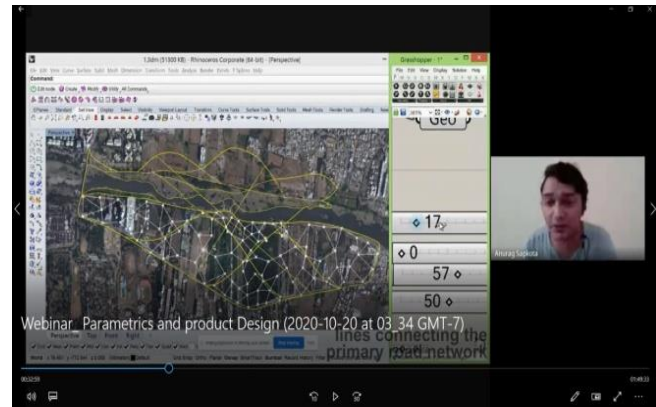
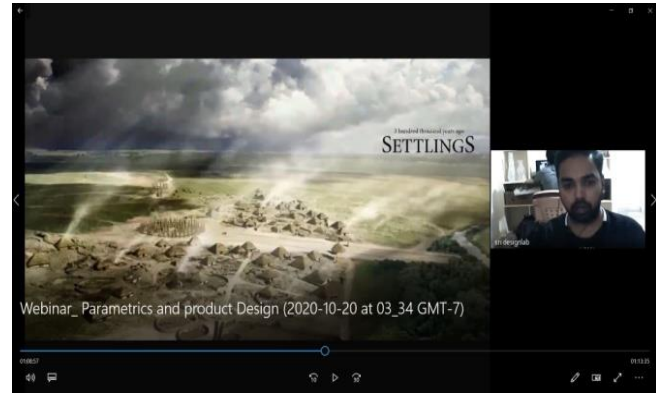
Ar. Shruti Dandage
shrutidandage.scoa@sinhgad.edu

M-Arch-Computer-Applications
scoa_marchca

Prof. M.N Navale Dr. Mrs Sunanda Navale Mr. Rohit Navale Mrs. Rachana Navale Ashteka Dr. Banani Banerjee Dr. Smila Suryawanshi
Founder President Founder Secretary Vice President(HR) Vice president(Admin) Principal, SCOA HOD, CA Department

A webinar was organized "Parametrics & Product Design" on 20th October 2020 by M.Arch (Computer Applications Department of SCOA).

Ar. Shridhar Mamidala and Ar. Anurag Sapkota talked about their professional practices and experiences on the topic.



WORKSHOP ON PARAMETRIC ARCHITECTURE SLICING AND WAFFLE SYSTEMS

Initiated by Dr Smita Suryawanshi

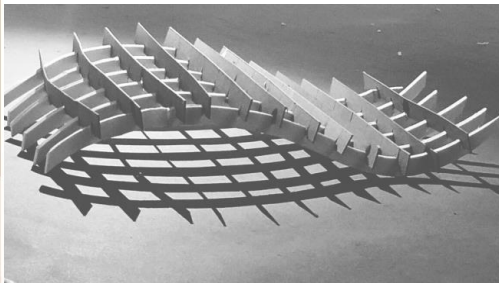
Conducted by Ar Shruti Dandage and Ar Mohammad Taha

Organised by Vidya Pratishthan School of Architecture, Baramati

Date 5th , 6th and 7th February 2020

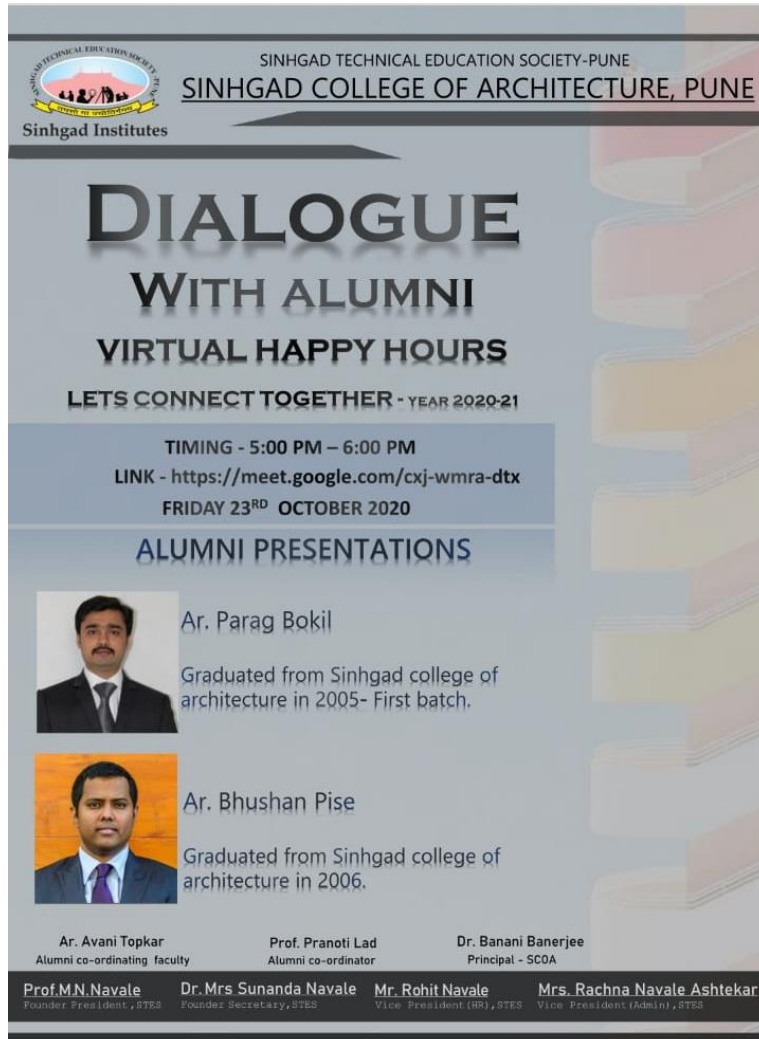
No of Students 25

Details: This workshop on Parametric Architecture Slicing and Waffle Systems was conducted at Vidya Pratishthan School of Architecture from 5th to 7th February 2020 The aim of this workshop was to introduce and expose the students to new concepts and fabrication techniques in Parametric Architecture Students of 4th year and 5th year of Architecture were involved in this workshop These students were exposed to 3 D printing technology, Laser cutting for slicing and waffle fabrication as part of individual submission Large scale waffle system model was also carried out as a part of group submission.



3DPrinted and Waffle system models by students.

Webinar: Dialogue with Alumni



SINHGAD TECHNICAL EDUCATION SOCIETY-PUNE
SINHGAD COLLEGE OF ARCHITECTURE, PUNE
 Sinhgad Institutes


DIALOGUE WITH ALUMNI

VIRTUAL HAPPY HOURS


LET'S CONNECT TOGETHER - YEAR 2020-21

TIMING - 5:00 PM – 6:00 PM
LINK - <https://meet.google.com/cxj-wmra-dtx>
FRIDAY 23RD OCTOBER 2020

ALUMNI PRESENTATIONS



Ar. Parag Bokil
 Graduated from Sinhgad college of architecture in 2005- First batch.



Ar. Bhushan Pise
 Graduated from Sinhgad college of architecture in 2006.

Ar. Avani Topkar
 Alumni co-ordinating faculty

Prof. Pranoti Lad
 Alumni co-ordinator

Dr. Banani Banerjee
 Principal - SCOA

Prof.M.N.Navale
 Founder President, STES

Dr. Mrs. Sunanda Navale
 Founder Secretary, STES

Mr. Rohit Navale
 Vice President (RR), STES

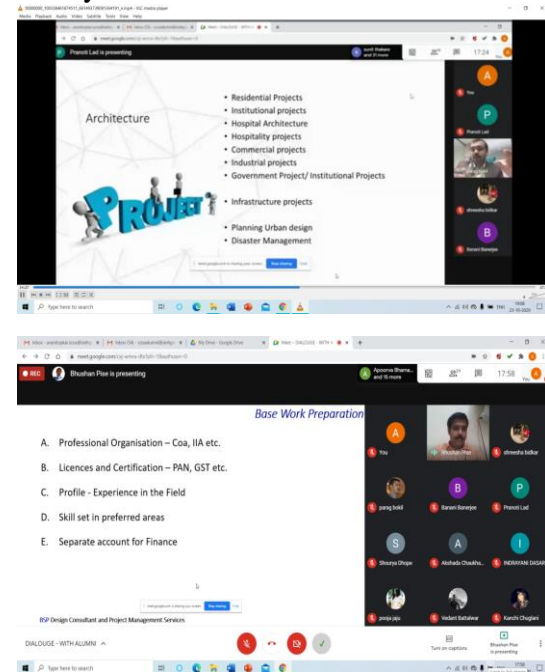
Mrs. Rachna Navale Ashtekar
 Vice President (Admin), STES

A webinar of SCOA Alumni was organized “Dialogue with Alumni” on 23rd October 2020.

Ar. Parag Bokil, first batch alumni (2005) expressed his experiences of journey to become an architect and proprietor of a firm.

Ar. Bhushan Pise alumni of 2006 also talked about his experiences of working in multiple complex and important projects at CCBA to his independent architectural practices.

Both speakers connected to the senior students of B. Arch. By their truthful narratives



Memorandum of understanding with ASSOCHAM



ASSOCHAM GEM MoU
Signing Ceremony
Thursday, 8 October 2020 – 11:30 AM

MoUs to be Signed with



INDUS UNIVERSITY
Where Practice Meets Theory
Indus Institute of Technology & Engineering (IITE)
Indus University, Ahmedabad, Gujarat



Sinhgad Institutes
Sinhgad College of Architecture
Pune, Maharashtra

MoUs Signed with
























For more information, please contact:

Mr. Amit Kumar Sharma, Jr. Director
GEM Green Building Certification Program
ASSOCHAM National Council on Environment and Climate Change
M# 93527 13762; E-Mail: amitkumar.sharma@assocham.com

Mr. Harish Pushpakar, Executive
GEM Green Building Certification Program
ASSOCHAM National Council on Education
M# 97117 46446; E-Mail: harish.pushpakar@assocham.org

THE ASSOCIATED CHAMBERS OF COMMERCE AND INDUSTRY OF INDIA
5, Sardar Patel Marg, Chanakyapuri, New Delhi-110021 | Ph: 011-4655 0555 | Fax: 011-2301 7008/09 | Web: www.assocham.org

ASSOCHAM is the oldest apex chamber of India started its endeavor of value creation for Indian industry in 1920. Having in its fold more than 100 National Councils, National and State chambers, Trade Associations and serving more than 4 lakh direct and indirect members from all over India. ASSOCHAM is an organization to empower Indian enterprises by inculcating knowledge in the global market, propagating Green building through GEM (Green and Eco- friendly Movement) and spread education and awareness of trends of Green and Sustainable Habitat through seminars, workshops and course programs at various venues across India. GEM-ASSOCHAM and Sinhgad College of Architecture, Pune enter into this Memorandum of Understanding (MoU) for 5 years on 8.10.20 in online signing ceremony.

Orientation FY B Arch 14.1.21

Sinhgad College of Architecture, Pune-411041

Online ORIENTATION

Program Schedule AY 20-21

F. Y. B. ARCH

14th January

Welcome
(9:00 am-9:30 am)

SCOA-Introduction
(9:30 am-10:00 am)

Communication Skills-
(10:00 am -12:00 pm)

Home-work studio
(1:00pm -4:00pm)

15th January

Introduction to
Online Learning
Platform-Google
Meet
(9:00 am-10:15 am)

Basic Design
(10:30 am- 12:00 pm)

Home-work studio
(1:00pm -4:00pm)

18th January

BD-Students
Presentation
(9:00 am-10:15 am)

Architecture Graphics
& Drawing
(10:30 am-12:00 pm)

Home-work studio
(1:00pm -4:00pm)

19th January

History of Arch &
Culture I
(9:00 am -12:00 pm)

Home-work studio
(1:00pm -4:00pm)

20th January

WORKSHOP
(9:00 am-12:00 pm)

Home-work studio
(1:00pm -4:00pm)

21st January

Building
Construction
and Materials
(9:00 am-12:00 pm)

Home-work studio
(1:00pm -4:00pm)

Google Meet Link for classes : <https://meet.google.com/rfq-dipa-gxn>

Timing : Online studio 9:00 am-12:00 pm , Home-work studio 1:00 -4:00


E -Orientation Program, SCOA Pune

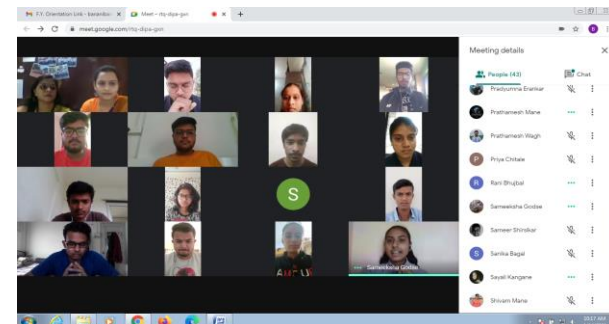
Dr. Banani Banerjee
Principal

SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE, PUNE
FIRST YEAR B.Arch SEMESTER I 20-21

Orientation schedule

No.	Date	Time	Activity	Faculty
1	14/01/21	9:00 -9:30	Welcome	Dr. Banani Banerjee (Principal)
		9:30-10:15	SCOA Introduction	Dr. Priyamnada Chitale (HOD)
		10:15-12:00	Communication Skills	Ar. Tejaswini Jangale
			Co-ordinators	Ar. Siddhesh, Ar. Manasi, Ar. Tejaswini
2	15/01/21	9:00-10:15	Introduction to Online platform-Google meet	Ar. Indrayani Dasare
		10:15-12:00	Basic Design -Texture	Ar. Tejas Joshi, Ar. Ketaki Badge
			Co-ordinators	Ar. Tejas, Ar. Indrayani
3	18/01/21	9:00-10:15	Assignment Presentation by students	Ar. Manasi Khope, Ar. Tejas Joshi, Ar. Tejaswini Jangale
		10:30 -12:00	Architecture Graphics & Design - Types of Lines	Ar. Tejas Joshi, Ar. Shreyas Paranjape
			Co-ordinators	Ar. Tejas, Ar. Manasi, Ar. Tejaswini
4	19/01/21	9:00-10:15	History of Arch & Culture I	Ar. Renuka Devi, Ar. swapnapriya
		10:30 -12:00	History of Arch & Culture I - Discussion with students	Ar. Renuka Devi, Ar. Swapnapriya
			Co-ordinators	Ar. Indrayani, Ar. Tejas
5	20/01/21	9:00-10:15	Workshop	Ar. Aditi Mahajan, Ar. Pushkaraj
		10:30 -12:00	Workshop - Tutorials	Ar. Aditi Mahajan, Ar. Pushkaraj
			Co-ordinators	Ar. Siddhesh sable
6	21/01/21	9:00-10:15	Building Construction & Materials -Introduction to Building Elements	Ar. Kirti Bajare, Ar. Trishna Mahadkar
		10:30 -12:00	Building Construction & Materials - Discussion with students	Ar. Kirti Bajare, Ar. Trishna Mahadkar
			Co-ordinators	Ar. Manasi Khope

 (Dr. Banani Banerjee)
Principal




Online Vachan Prerna Din

Event of book reading in Marathi was organized on 15th October 2020.

This day being the birthday of Dr. Abdul.J.Kalam, on behalf of SPPU, Sinhgad college of Architecture had organized a small session of book Reading, to begin with in Marathi.

Students had chosen various chapters and abstracts as per their choice to read.



**SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE**
44/1, Vadgaon (Bk.), Pune - 411041

Vachan Prerana Din- Inspiration towards reading

For Students and Faculty

Date:
Thursday,
15th October 2020
at
3:15 PM

click on link below
<http://meet.google.com/cud-nqis-pnn>

Presentation from SCOA students

Introduction
Ar. Neha Anwane

Student Presenters
Srinivas patil – Deh Vachava Karni by Balasaheb Vikhe patil
Tulsiram Raut- Business reading
Purushottam Musmade- Maan mai hai Vishwas
Krunal Garud- Article reading

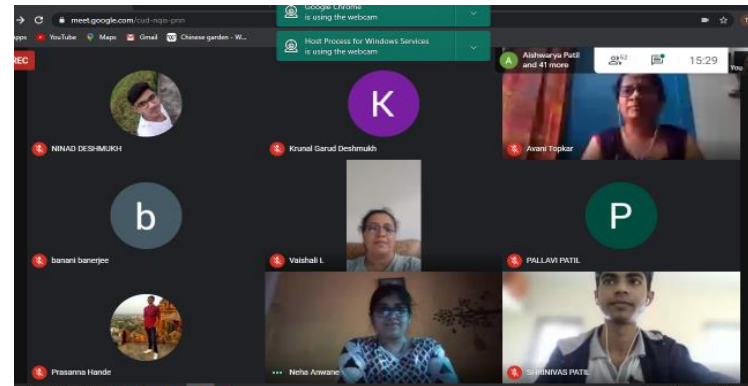
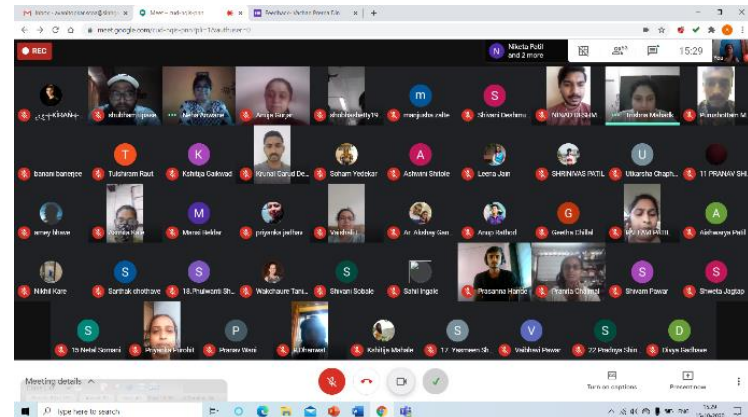
Ar. Trishna Mahadkar
SDO

Dr. Banani Banerjee
Principal SCOA

Ar. Trishna Mahadkar, Ar. Neha Anwane, Ar. Avani Topkar
Co-ordinating Faculty

Dr. Banani Banerjee
Principal

Participants of the event:
Srinivas patil – Deh Vachava Karni by
Balasaheb Vikhe patil
Tulsiram Raut- Business
Utkarsha Chaphekar- Asa bebbhan Vara
Purushottam Musmade- Maan mai hai
Vishwas
Krunal Garud- Article reading



INDEPENDENCE DAY CELEBRATION IN CAMPUS



The heads of all institutes attended the flag hosting ceremony in the campus on 15th August 2020

Dakshata integrity Pledge

Day 29.10.20

All faculty and staff present in the college participated and took pledge for harmony and peace



Integrity Pledge Day

TREE PLANTATION PROGRAM

Tree plantation program was conducted on 11th December 2020. the program was coordinated by Ar. Asmita Kale. 13 faculties attended the program. Medicinal plants were planted namely:

Neem , Amla, Adulsa, Umber .

Sitaphal sapling was also planted in the event.



Neem tree
Azadirachta indica



Amla tree
Phyllanthus emblica



Umber tree
Ficus racemosa



Adulsa tree
Justicia adhatoda



LITERATURE

Swami Vivekananda and the epidemic

Dr. Banani Banerjee – Principal SCOA

Swami Vivekananda, as we know him as the Greatest Teacher of the World, a great patriot and the maker of modern India, a fearless monk who revealed the spiritual assets of India to the world and above all the greatest humanitarian and taught to build character. He learnt the most fundamental knowledge of Hindu shastra Advait Vedanta, love and service to the people from his Guru Sri Ramakrishna Paramhansadev. He founded the monastic order the Ramakrishna Math and the Ramakrishna Mission and motivated many people particularly youth to work for the welfare of the many, happiness of the many. Attracted to his teaching, personality, and deep-rooted Indian philosophy, many followers from the western countries became his disciples. Ms. Margaret Elizabeth Noble, an Irish-origin school teacher in London, was inspired and motivated to his teachings, responded to his call and came for educating and empowering women in Calcutta, Swami Vivekananda named her as Nivedita after monastic initiation.

In this time of unprecedented global pandemic of COVID 19, it would be relevant to narrate an inspiring story of Swami Vivekananda's concern and relief works during the epidemic in Kolkata.

With very hard work of teachings in abroad and with financial support by few western followers, he bought land for the permanent abode for the monastery at Belur near Kolkata (then Calcutta) in 1898, his dream that came in existence. The same year, the plague epidemic seized Calcutta and created mass hysteria. Swamiji immediately with other monks including his two monastic disciples Swami Sadananda and Sister Nivedita started relief operations by nursing the afflicted in segregation camps and improving public sanitation. The epidemic again followed the next year, the bubonic plague broke out in Kolkata in March 1899, the first thing Swamiji did was draft a plague manifesto in Bengali and Hindi and distributed the population.

The manifesto urged people to replace fear with action, and to take precautionary and preventive steps, also emphasized on not panicking, encouraged people to stay strong be united to fight the disease and, maintaining personal hygiene and boosting immunity to resist illness, also stated that they would help anyone in need physically and financially.

Plague manifesto (Ramakrishna Mission)

1. We feel happy when you are happy, and we suffer when you suffer. Therefore, during this days of extreme adversity, we are striving and ceaselessly praying for your welfare and an easy way to save you from disease and the fear of an epidemic.
2. If great disease –fearing which both the high and the low, the rich and the poor are all fleeing the city – ever really comes our midst, then even if we perish while serving and nursing you. We will consider ourselves fortunate because you are all embodiment of God. He who thinks otherwise – out of vanity, superstition or ignorance – offends God and incurs sin. There is no slightest doubt about it.
3. We humbly pray to you – please do not panic due to unfounded fear. Depend on God and calmly try to find the best means to solve the problem. Otherwise, join hands with those who are doing that very thing
4. What is there to fear? The terror that has entered people's hearts due to the occurrence of the plague has no real ground. Through God's will, nothing of the terrible from the plague takes, as seen in other places has occurred in Calcutta. The government authorities have also been particularly helpful to us
5. Come, let us give up false fear and having faith in the infinite compassion of God, gird our loins and enter the field of action. Let us live pure and clean lives. Disease, fear of an epidemic etc. will vanish into the thin air by His grace
6. Always keep the house and its premises, the rooms, clothes, bed, drain, etc. clean.
 - Do not eat stale, spoiled food, take fresh and nutritious food instead. A weak body is more susceptible to disease
 - Always keep the mind cheerful, everyone will die once. Cowards suffer the pangs of death again and again, solely due to the fear in their own minds
 - Fear never leaves those who earn their livelihoods by unethical means or who cause harm to others. Therefore, at this time when we face the great fear of death, desist from all such behavior
 - During the period of epidemic, abstain from anger and from lust, even if you are householders
 - Do not pay any heed to rumors.
 - The British Government will not vaccinate anyone by force. Only those are willing will be vaccinated
 - There will be no lack of effort in treating the afflicted patients in our hospital under our special care and supervision, paying full respect to religion, caste and the modesty (purdah) for women...
 - If there is no one to help you, then please send information immediately to the servants of Sri Bhagawan Ramkrishna at Belur Math. There will be no dearth of help that is physically possible. By the grace of the Mother, monetary help will also be possible.

As the plague started taking more lives, a committee was set up under Sister Nivedita's strict supervision which was highly organized. Everyday, she distributed handbills or manifesto, maintained constant vigil of patients and neighborhoods and even personally cleaned lanes with broomstick, when volunteers were not available. Such noble gesture motivated young people to come forward and to help her. She made an appeal through newspaper for financial help. Swamiji along with Nivedita delivered lectures on plague, she spoke to the students asking them to join as volunteers. The selfless service for the sick and poor with love and care, nursing and giving comfort to the grieving families, ignoring the possible danger of the deadly disease, by a European lady during the British Raj, created a chapter in the history about the power of motivation.

But the work was crippled by paucity of funds. Swami Vivekananda quickly decided to sell out the newly purchased land for the monastery at Belur to raise adequate money for the work, which did not happen as Sri Sarada Devi firmly objected, which is another story.

References:

<https://rkmissionvijayawada.org/swamijis-plague-manifesto/>

Complete works. Vol. 9. Writings Prose and Poems. Prabuddha Bharat, Vol III, May 1, 2006

<https://belurmath.org/swami-vivekananda/>

<https://indusscrolls.com/swami-vivekanandas-plague-manifesto-a-lesson-for-every-modern-day-medical-outbreak/>

<https://www.deccanherald.com/national/121-years-before-covid-19-swami-vivekananda-suggested-ways-to-fight-plague-828535.html>

Understanding Architecture, beyond a Built form.

Prof. Kalpana Hadap , Division Coordinator A

During a recent usual online Landscape Architecture class, we were studying contemporary Landscape architects. From the list / outline/ discussions and format given by the faculty, the students selected certain case studies presenting the Master landscape architect or architect work. It was heartening to see the list of a wide variety of selected work and interest shown by the students.

One example selected was of the Jewish Museum, Berlin opened in 2001, designed by Architect Daniel Libeskind – is an excellent example to study both the architecture and the landscape.

The student indeed had documented and collected relevant data and was explaining the museum. During this process we realised something was amiss during the explanation by the student. The Jewish Museum is not just a ‘museum’ or a fine example of cubism and deconstructivism style of architecture; it is representing a whole era of history.

When we asked a few questions to the whole class about Jews and Nazis, we were quite surprised about the little knowledge the students had about this.

Without knowing the background of Jews, the Nazis, Hitler, the Holocaust, Concentration camps during the World War II and the atrocities to the Jews, the essence in understanding this building is lost.

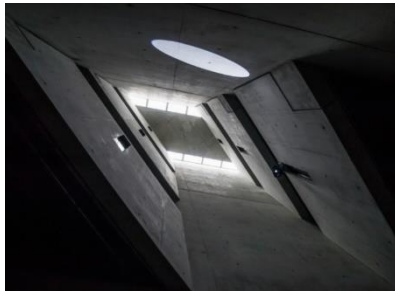
True, not everything can be taught in schools and colleges but architecture is such a subject it relates to many subjects history, geography, science , arts, astronomy , anthropology, environment as well as core subjects like design, construction , structure , services to name a few. It is absolutely necessary to relate a case study to a broader context and not only the built form.

Daniel Libeskind, being a Jew himself has brought to light the emotions faced during the Holocaust into his masterpiece so that one maybe gets emotionally disturbed by the spaces these intentionally created and the symbolism behind it. The darkness, narrowness, narrow rays of light, the slightly tilted closely placed columns in the landscape which disturbs the viewer. One can fully understand the built environment of this Museum if you have the background knowledge of the time it represented.

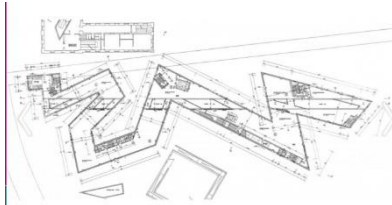
“It was the act of using architecture as a means of narrative and emotion.”

“The interior is composed of reinforced concrete which reinforces the moments of the empty spaces and dead ends where only a sliver of light is entering the space. It is a symbolic gesture by Libeskind for visitors to experience what the Jewish people during WWII felt, such that even in the darkest moments where you feel like you will never escape, a small trace of light restores hope.”

“Libeskind’s Jewish Museum is an emotional journey through history. The architecture and the experience are a true testament to Daniel Libeskind’s ability to translate human experience into an architectural composition.” [1]



Images courtesy[2]



Images courtesy[3]

In today’s time where there is no dearth of information available through the World Wide Web, films, books one can get knowledge of a different time and place. Film making especially period films require tremendous research, we get to see the time and setting of that period.

Also the teachers must suggest and guide the students while teaching architecture by encouraging them to see relevant films and read books and novels.

To understand the life of Jews during the World War II – reading or seeing Anne Frank’s - A Diary of a Young Girl or seeing the film Schindler’s List is enough get an insight to lives of people this museum represents.

This maybe one example but it’s a sincere request to all students to go beyond mere data collection and understand architecture with a much deeper meaning.

These are the best years of your life and an opportunity to learn so much more through this vast course of architecture, an art and science where one cannot study in compartments or through text books but it’s a field which goes through many disciplines. One must read, observe, write, travel , absorb and analyse.

References: <https://www.archdaily.com/91273/ad-classics-jewish-museum-berlin-daniel-libeskind/>

ROLE OF ARCHITECTURE IN NATION BUILDING

Until the current form of modern architecture acquired the world, architecture was mostly rational, functional, hence conserved resources and preserved energy in the regional/local climatic context. This architecture exhibited the sectarian characteristics or a place. Therefore, vernacular architecture, by its nature, had built-in sustainability, both physical and cultural. Architecture draws inspiration from various segments like psychology, sociology, economics, politics, engineering, art and many more. To put this in context, Indian architecture, which is a unique form of art-symbolizes devotion, which includes the ornate definitions, colourful and the reflection of the fractal qualities. The ideation of this form relates back to ultimate spiritual liberation, the realization of oneness, its loyalty representing bold and strength, to be fearless standing against all odds. Architecture as explained above defines the character of a country. The deep rooted heritage and vastness of ideas and canvas represent concepts which represent the values, attracts historians and tourists alike. Architecture supports the vision of supreme and cyclopean nation-building therefore which generates opportunity for everyone to prosper. Architecture plays a vital preamble to cast out the importance of good nation building, calibrating the historic and glorifying architecture of a nation serving as a role model to modern day architects and learning aspirants to work. In present day world the designed structures are partnership between different operational environments, influencing the politics, economic growth and survival of the nation, therefore it is important to learn from past experiences and realign the sustainable living. History amid architecture and nation building has had significant resemblance in Indian architecture, from British colonial architecture like Victoria memorial in Kolkata, red fort in Delhi by Mughal, French influence in Pondicherry. Design of the RASTHRA PATI BHAVAN by SIR EDWIN LANDSEER LUTYENS is a great example of Indian democratic livelihood, collaboration of Mughal architectural design, Persian art forms, Indian and European architectural style.

So the combination of various unique forms, has added mystical beautiful artefacts for India alone as above. The architecture paves way for better transportation and connectivity alongside mass movements to specific areas. The great pieces of architecture are a gateway to mass and tertiary employment. Furthermore, architects were nation builders, starting from the first Indus Valley Civilization, where we can see the influence of architecture in nation building like construction of canals, great water bath, granary and sewage system. Historically, town planning has been simply divided into two parts upper and lower acropolis. Construction of structures with mud blocks and grid planning showed the great knowledge of civil engineering, which was sustainable and organic and is basis of current time of architecture. Harappan civilization turned out to be the base of nation building which sustained and was ruled by different successors which helped in the progress of nation architecture. In present day architecture, town planning of Chandigarh, Gandhinagar, Jamshedpur, Noida, Navi Mumbai, Dispur and many more examples across globe showed how efficiently they helped in the growth of economy and culture. Master planned cities sprouting up as a way for countries to jolt their economy and increase foreign investment. Planning and management of developing areas have major implications on economy, social change, environmental sustainability and welfare of the community. All civilized societies have defined rules and regulations so it is important for government to promote urban planning. The goal of the nation building is to encourage economy to grow and unify the people within the country, so that it remains politically viable and stable over long period of time.

Two good examples of nation building are Germany and Japan which were devastated after world war II ,but today they are thriving and prosperous countries . therefore the architectural profession has the key role in turning the current urban challenges into opportunities . Creating a healthy and positive environment around the cities or country , where people with their own individual spaces, their street and neighborhood lives comfortably and grow. Nation building politically encourages stable government through the construction of a strong nation identity .Economic development is connected to nation building because it improve economy leads to more stable and functional government which leads to economic development .Building and upholding a sense of the nation is a complex and long process that is never finished holding the concept of nation as an antipode towards global culture , by mega co operation and capitalistic economy .Politics is prone to be disguised within the architecture just as architecture tends to object itself in politics . The built environment has been as effective way for the demonstration of power and the formation of identity .Architecture and urban designing plays an important role in the legitimization of new authority and monarchy . The role of modern architecture is forging national identity by visual and spatial means . Architecture can be used to increase the nation and economy by following ways by architecture and space branding , architecture and tourism destination , consumerism ,corporate architecture. Today architecture can be used as a marketing device creating opportunities and metropolis in post globalization . Branding consists in creating recognizable image that is more attractive and impressive. The process of marketing of emotional sensations and global landscape involve architects to transform the city image through indicator and meaningful interventions.

In last decades cities like, BILBAO. SHANGHAI AND DUBAI used architecture to enhance their image to generate the economy growth . Architecture can be used to attract the tourism development in particular region. Another aspect of tourism is the phenomena of reconstructing the identity of place . Architecture plays a significant role in the complex process of building the firms identity . Corporate architecture performs the advertising for the product as if they were the exhibit item. Companies and international firms as first ones to appreciate the commercial potential of architecture . When architecture combines ecology , economy and social interest to help people and places to regain self-sufficiency might become a catalyst for a culture and economical transformation .

An architect can contribute to nation building by providing different solutions tailored towards person's income and the state and local government budget. Cost control and management start from design , by designing energy efficient building will also reduce energy consumption per building from the national grid which increases the number of houses that to be powered .

As clearly evidenced above architecture and architects play a massive role to help government develop a sustainable economy and in turn build nation. From hospitals to drainage systems and to large office campuses with lush gardens and facilities all ensure a nation can grow and better handle the complexities of modern world. to this effect, if there is nothing as powerful as the architecture which has a defining role for a nations development then what else has?

Kaushal Gupta
Third Year div- B

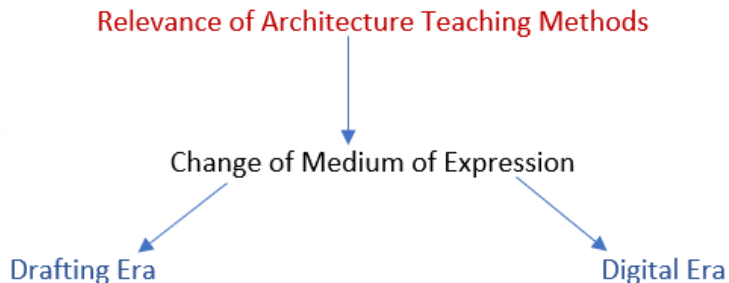
Transition from Drafting Era to Digital Era

By Ar. Aditi Mahajan- Faculty, SCOA

Introduction

The contemporary digital era has transfigured the definition of distance, where connectivity is just a gadget away and the face of interaction has become virtual. There is a change in the form of expression in every walk of life. The article moving forward with this backdrop attempts to analyze the changing form of medium in the field of architecture. The generation that considered 'pencil is mightier than the sword' has transformed to the generation considering that a 'technology is mightier than the sword'. This articles tries to revolve around the same theme posing questions over the relevance of the age old teaching methods in the digital era.

Focus of Article



Drafting Era-‘ Pencil is Mightier than the Sword Age’
Travelling back to the age where architecture was completely dependent on drafting and there were no software tools. The architectural studios consisted of drafting tables and stationary was an indispensable part of the entire scenario. The architectural offices worked on the system of drafting the projects on paper. Hence, the teaching method majorly focused on use of pencil as a tool with infusion of drafting techniques to the students. The mentors or teachers evolved a technique which stressed on building the imagination of students by putting two dimensional drawings on paper and then making physical models to understand the depth of the space.

There was a need of teaching pencil gradation, technique of using T-Square, Set Square, Set of Scales for fabricating the thought on paper. The workshops were conducted to sharpen the cutting, folding and pasting skills to aid in the finishing of the physical model. These techniques and methods sounded so precise and appropriate in the generation which lived without computers

Digital Era-‘ Technology is Mightier than the Sword Age’

Coming to the present day scenario, where the entire generation eats, drinks and sleeps with technology.

The gadget screens have become the new space for interaction and shaped up a virtual world. The technology updates every fortnight and creates a need for upgrading the skill set on a continual basis. The students are more familiar with the google search engines and social apps than the hard bound textbooks. The computers have become the new age medium of expression. The 15 inch screens have replaced the 11 inches sheet of paper. The tablet stylus pen has taken over the pencil and there is an entire shift in the paradigm of age old conventional methods. The new user group needs to be dealt with new user interface.

Relevance of Architecture Teaching Methods

Considering both the sides of coin, being so distinctively segregated with the advent of technology. The article tries to provoke a thought for the relevance of age old architectural teaching methods in the current scenario. The starting point being introducing a pencil to a student using a high end tablet stylus. Teaching them to visualize and put ideas in a two dimensional format on paper where on the other end there are 3D Modelling software's building up the entire model in both 2D and 3D format in just a click. In an era where redo or revision of work doesn't necessarily needs to be done from a scratch, as on the flip side of the coin there are editing and graphic software available.

The practice of pencil drafting on sheets no longer sustains its validity in a professional workspace, where the entire system of work is conducted on software's. The computers, laptops, tablets and cell phones have become the new user interface system posing a question over the usability of the drafting tables.

Food For Thought

The author tries to provoke a thought in the mind of readers in order to rethinking upon the conventional methods of teaching, forging a need to bring a change in the existing pattern and transfiguring the old ways of teaching to meet the upcoming age of digital minds. The language of students has changed from portraying ideas on tracing to modelling imagination on software's. Leading a generation which can potentially replace the set of stationary with a set of gadget accessories. The group of learners who adapt more efficiently to reading an e-book, heading in direction of paucity of paper-pencil user group. The style of expression has become more virtual whereas the medium of expression has become more technological. Stepping into the shoes of a teacher in the digital age is extensively challenging as it demands the teacher to be the first learner of the constantly upgrading form of technology.

Reimagining our World

by Ar. Shreeamey A. Phadnis- Faculty, Masters department (Architectural conservation)

But have we come too far? Are we at the point of no return? Can the very way we 'think' and 'act' be fundamentally reversed for our own benefit? Given the stage of 'development' that we have reached globally, it may seem unrealistic and almost naive. But if we think of the core of our existential problem, it does boil down to the basic ideas of 'needs' and 'wants'. As humans, we are different from other species in that we transcend from mere needs to additional wants. And in the fulfillment of these wants, we create processes and materials of relative pleasure and comfort. We also simultaneously advance our knowledge and understanding as an ever-evolving people. Thus, to constantly work is to progress and to pause is to stagnate. Or is it?

The fact is that as long as the universe exists, we shall always be subject to the forces of nature. Is it wiser then to co-exist or to continually oppose? In our quest to rise above others, we have unwittingly tried to rise even above our habitat! Our every act is an act of opposition against natural forces and mechanisms like bodily ageing, seasonal changes, climatic variations, local foods, etc. We have responded heavily to all these with rapid globalization, mass production and superficial scientific advances.

In our quest to think beyond, we have forgotten how to contemplate, to ponder. We know more and understand less.

In the midst of a pandemic that has brought mankind to its knees, we have been forced to ask ourselves some fundamental questions that we have always avoided for material reasons: Who are we? What is our role in the larger scheme of things on this planet? What have we taken from Mother Earth and what have we given back? And the most important question of all: What is our legacy?

One would imagine that a highly evolved species as ours would always toil towards its betterment with these questions in mind. But our reality is far from this. Over the course of the past few centuries, especially since the industrial revolution, we have massively corrupted our environment. The transition to a mechanised lifestyle has caused our bond with nature to severely weaken. Verily, at this moment we must also worry about this 'distancing of our mode of life' from nature, along with 'social distancing'.

Living in our vertical concrete stacks and aspiring to reach the stars, we have forgotten that our feet must always firmly be on the ground. So disjoint have we been from our natural surroundings, that we deny to acknowledge adverse natural phenomena as a real threat to our survival. This audacity, nay arrogance, would have come at a heavier price, had the COVID-19 pandemic not surfaced when it did. We have been abruptly, yet timely been forced to rethink our lifestyles and our legacy as a species.

We see more but observe less. We hear more but comprehend less. We invent more but discover less. This is the irony of our species. We have progressed as thinking beings and degraded as sentient beings. Historian Yuval Noah Harari calls this 'the paradox of knowledge in his work 'Homo Deus'.

Does this mean that we must now stop? Not necessarily. But we can definitely pause from time to time. We can allow ourselves to feel more and think less. Live more and plan less. Give more and take less. Share more and have less. If this feels only like shallow hippie commune-culture, then let's pause to think about this grim possibility: Humans may not be the dominant species in the future. What then? Infact, there may not be a single dominant species. The rate at which we are changing the world around us, we may very possibly change many things forever. This rapid change may reduce the rudimentary characteristics that make us humans, into vestigial bygones. And that is something we surely didn't bargain for.

And so, my answer to the dominant question that this pandemic has posed to us - What do we do now - is this: Let us understand change. We are not yet into the latter half of the year and global reactions to the pandemic have been extreme. Instead, let us be prognostic. Everyone wants to predict what the next big thing will be.

What shall be the next revolutionary drug, revolutionary idea, revolutionary work system,

revolutionary architecture, revolutionary economic policy, revolutionary technology, and so on.

Let us slow down and understand better this unique position that we are in. Let us monitor the change closely from all perspectives and fields. Let us get to know our enemy better. This disease may even eventually be our next catalyst for total metamorphosis.

Hence, I reiterate that this is not the time to look for answers in the dark, but to understand the question in the light of nature. This can be achieved by asking ourselves the following questions:

What is our true relationship with our environment? Where are we headed as a species vis-a-vis symbiosis and peaceful co-existence?

Who benefits from our current economic, political and social practices? What is the nature of our achievements and failures at this stage?

Are we capable of understanding and handling change, at the pace we have set for ourselves?

It is questions such as these, that shall give us meaningful and pertinent answers. We do not need to know what shall be the next big thing in art, science and commerce. Instead, we need to relook at the way we have come to define our art, science and commerce. All this may seem like a heavy task, which it surely is but we have put ourselves in the deep end of our pool of troubles and to get out, our struggle shall have to be sincere. With more time on our hands, our loved ones by our side and the shared sentiment of global brotherhood - this is the best time to indulge in some serious contemplation for a better future.

The Canvas

Daily chores, Smiles and frowns
 Driving forces lays the Canvas of towns
 Overlaid layers of buildings in nature
 Prominent features defining the features
 Colourful pallet with people and place
 Natures blessings unfolding to embrace
 Narratives and stories unwinding the street
 Commuters and acquaintances that bound to meet
 Aspirations and hopes identify the space
 Relentless efforts beyond thy trace
 Mastered strokes and skillful disposition
 Bringing to life a meaningful proposition
 Though time would cast a momentary pause
 For the canvas to reflect upon its cause
 Change is evident as a matter of fact
 The creators thus cautioned towards a mindful act
 The Canvas was created with honour and grace
 Beliefs and faith imbibed within the place
 For it took ages to build the past
 Hold it together for centuries to last.....

Ar. Priti Dhanwat – C- Division Co ordinator



Paintings by: Ar. Ashwini Shitole

नाव तुझं असते प्रत्येकाच्या ओठी, कुटुंबातील
प्रत्येकाच्या कामाची तूच असतेस सुरवात...
रोज अखंड सकाळच्या प्रहरी दिव्यातही लावतेस वात...

दिसतेस तू अशी जशी देवाच्यातील रखुमाईची मूर्ती...
म्हणून सगळ्यांच्या इच्छा अपेक्षांची करते तू रोज पुर्ती...

कुटुंबाच्या सुखासाठी तू स्वतःला रोज जाळून उजळून
ठेवते घर...
तुझ्यासाठी एकच मागणं असावं तुझा सुखात रोज पडो
भर...

सगळ्याचं करता करता स्वतःच्या गालावरचं रोज हरवून
बसते तू हसू
खूपवेळा वाटेतं विश्रांतीसाठी क्षणभर तरी एकटीच कुठे
तरी बसू...

तुझ्या कर्तृत्वाचं मोल नाही आणि करता नाही येणार
त्याची किंमत...
आकाशात भरारी घेण्या इतकी मिळावी तुला रोज
हिम्मत...

नाट्याचा गोडवा जपणे तुझ्याकडे पाहून कळते...
हिरमुसलं कोणी घरात की सारख त्यांना जपण्यासाठी
मन तुझं वळते...

तू सुंदर आणि सुगरण आहे गृहिणी पण तुझा
स्वप्नांना तू मनातच पूरलं...
आज आयुष्याच्या वळणावर कुटुंबाला हसवून
स्वतःला झाकणे इतकंच तुझ्या हाती उरलं...

कला गुणांची आहे तू खाण पण स्वतःलाच
स्वतः विसरली आहेस तू आज...
शृंगाराची गरज नाही ग तुला, तुझा साधेपणा
हाच तुझा साज....

स्त्री देहामध्ये विविध रुपांची आहे तू खाण...
स्त्रीस्वरूप शक्ती तू खेचून तुझ्या स्वप्नांना
आण...

धन्य आहे मी मला स्त्री जन्मात मिळाला
मातृत्वाचा झरा...
आज अभिमानाने सांगते, मी आहे एक स्त्री
माझ्या कुटुंबाचा दागिना खरा...

तेजस्विनी जांगळे

अबोल पण बोलका

अचानक सुटलेला सोसाट्याचा वारा,
 आसमंतात चटकन झालेला बदल,
 लखलख वीजा, गडगडणारे ढग,
 सोबत मंद संगीताची साथ;
 आणि
 सांजवेळी झालेले तुझे आगमन,
 म्यान झालेल्या छत्र्या पुन्हा फुलातायत,
 फुलणाऱ्या छत्र्याबरोबर मनं सुद्धा खुलातायत,
 तुझ्या अचानक येण्याने मन सुद्धा नवे बेत आखतंय,
 हलके हलके थेंब हळुवार मातीस स्पर्श करतायत,
 असा तू अबोल पण बोलका,
 बरसणारा परतीचा पाऊस
 बरसणाऱ्या थेंबासोबत मनही वाहून नेणारा!!!

- पूर्वा पाटील

आभाळ गाठण्याआधी जमीन चोख धरावी
 अन मातीत रुतवुन पाय आपली क्षमता ओळखावी
 माती असते ओळखीची, प्रेमाची अन सवयीची
 मातीला असते महती आपल्या एक एक क्षणाची

आभाळ असते विशाल अन मुळातच अनोळखी
 वाटते गाठावे खुशाल.. बळ घेउनिया पंखी
 त्याच्या निळ्याशार कांतीत गुढ वाटते महान
 त्यासमोर पायाखालची माती वाटू लागते लहान

पण आभाळाचे कसे असते की ते कोणाचेच नसते
 त्याच्या सौन्दर्यावर भाळून सारे जग मात्र फसते
 कधी ढग कधी विज कधी ऊन, त्याचे काही खरे नाही
 पण पायाखालील मातीने आजवर तोल सोडला नाही

- तन्मयी पानसे

कपाट

कपाटामध्येही काही जागा रिकाम्या असल्या पाहिजेत,
ढीगभर कपड्यांच्या अंधे - मधे, इकडे - तिकडे .

एखादा कोपरा असावा अंधारलेला,

जाणत्यानंच हात घालावा असा.

मुद्दाम, जाणूनबुजून दडवलेली जाणिवांची वही,
तिची पानं भरलेली, दडलेली.

एखाद्या खणात असेल अंतराची कुपी,

जिचा गंध भरून राहील साऱ्या कपाटभर.

एखादा ठेवणीतला शर्ट,

त्याला अजूनही त्या दिवशी लावलेल्या

'जन्नत-उल-फिरदोस' चा वास असावा.

काही कपडे असतील विस्कटलेले,

गुंतागुंतीत, अनास्थेत रखडलेले.

हा हा म्हणता भरून जातं कपाट,

कुठे काय नि कुठे काय.

काही चुरगळलेले, काही घडीतले,

बाजू सावरत घेतात आपापली.

ते करताना त्यांचीही ओढाताण होत असणार नक्कीच.

सगळंच भरलेलं, सगळंच रिकामं,

असंही बरं दिसत नाही कपाट.

कपाटानं त्याचं काम करावं, आपण आपलं.

कपाट साठवत राहतं, वही भरत रहाते.

एखादा कोपरा जाणीवपूर्वक मोकळा ठेवावा

...त्यानंही तसंच राहावं.

त्याच्या रिकामपणाचे सोहळे ही साजरे झाले पाहिजेत.

कपाटामध्ये काही जागा रिकाम्या असल्या पाहिजेत.

- Himanshu Subandh
Final Year, D



Sketch by - Shubhankar Ambike
Final Year, A

हा अखंड समुद्र..

ही हिरवीगार माडी, ओला सुगंध वारा,
नभाच्या बिंबात विसावला
हा अखंड समुद्र सरा..

शंख, शिंपले, कवडसे,नी पाऊलखुणांची
रेती,
तरंगावरील दर्यास त्या, दिनांत साद
देती..

का रात्र ती स्मरावी, संध्याच घेई
निवारा,

नाभाच्या बिंबात विसावला

हा अथांग समुद्र सरा..

चंद्र बोले मुकेपणाने लहरी होकार देती,
नाती रोमरोमातली ती एकरूप होती..

एकांत गातो हा गातो निसर्ग सरा,

नभाच्या बिंबात विसावला

हा अथांग समुद्र सरा..

रात राणी..

चंद्र काजळला राती

प्रकाशात न्हाईली धरणी,
अंधरातल्या प्रवासासाठी आता
तोच तिचा सारथी..

काळी निळी गडद रात
तिला रातकिड्यांची वाट,
घाबरलेल्या पानांनाही
लुकलुणार्या काजव्यांची साथ..

पैलतीरी वाहणाऱ्या दृश्यालाही
धूसर गुलाबीच धुंदी,

दूरवर किनारी त्याच्या ही
नांदे एक वाडा चिरबंदी...

इतकीच नसते ही रात्र
साकारत राहते काही गूढ,
नकळत, एका जीवघेण्या खेळाचा
उकाळत असते सूड...

स्मरणातले शब्द..

बऱ्याच दिवस नाही आता लिहावेसे वाटले,
स्मरणातले शब्द सारे मज आठवावे लागे..

सुचेल का मला काही, हे मला सुचायला
लागले,
आठवलेले शब्द सारे, मज साठवावे लागले..

वाक्य भेटावयास आले, वाहत्या पाण्यासवे,
साठवलेले शब्द सारे, मज उतरवावे लागले..

आणि शेवटी मी, वाचन माझ्या कवितेला
दिले,

उतरवलेले शब्द सारे मज गुणगुणावे
लागले..

Poems by : सिद्धांत गदादे

F.Y.M.Arch(Architectural Conservation)

बंधन.. असं ही

शांत समुद्राची गाज ऐकत सायंकाळ व्यतीत करावी ह्या सारखे दुसरे सुख नाही. हा समुद्र तर मला वेड लावतोच. त्याच आणि माझं पूर्वापारच नातं असल्यासारखा...!! पण हा सूर्य मात्र रोजच अस्ताला जातो. केशरी, जांभळ्या छटांची रांगोळी रोजच रेखाटली जाते. समुद्राच्या पाण्यातही हे रंग उमटतात, रोजच हे घडत असते पण तरीही रोजच अशी सायंकाळ समुद्र किनारी व्यतीत करावी असे वाटत राहते. नवीन काही नसते त्यात, पण लांब दूरवर नजर टाकली की, नवनवीन विचार तरंग निर्माण होतात, मनातील समुद्रात!! लाटा मनावर आघात करत राहतात आणि मी.. हरवून, अडखळून जाते त्यात..

प्रत्येक गोष्टीला काही ना काही सीमा असतात. प्रत्येकाला बंधन असतात. माणसाच्या आयुष्यात ह्या सीमा, बंध, नियम तर असतातच. पण आज ती बंधन, ते नियम नकोसे झालेत. विचार येतोय कि खरंच का आहेत इतके नियम आयुष्यात.

ह्या समुद्राकडे पाहून नेहमीच अप्रूप वाटते मला, सहजच डोक्यात विचार आला की, निसर्ग ह्याला अपवाद आहे का? की त्याला ही सीमा आहेत.?

समुद्र.. समुद्र म्हणजे विशाल, आपल्यात सार काही सामावून घेणारा, शांत धीरगंभीर पण वेळ आलीच की रौद्र रूप धारण करणारा.. पण ह्या समुद्राला पण किनारा आहे.. अंत आहे.. म्हणजेच सीमा आहे..

नदी .. जीवनदायिनी, नदी म्हणजे मुक्त, स्वछंदी, हवातसा संचार करणारी,

पण नीट विचार केला कि समजते, ह्या नदीचा मार्ग ठरलेलाच, त्याच मार्गावरून चालणे तिच्या नशिबी असते. मार्गात आलेल्या प्रत्येकाचे जीवन फुलवत राहणे हेच तिचे कार्य. तिचं पात्र बदललं कि समोरचा किनारा मात्र उद्वस्त होतो.

पर्वत स्थिर, अविचल, उदात्त असतात. त्यांच्या आश्रयाला आलेल्यांना आधार देतात. तसं बघायला गेलं तर मग प्रत्येकालाच ठरलेलं कार्य आहे आणि ते कार्य अविरत चालू ठेवणे ह्याच त्याच्या सीमा आहेत. नियम हे ठरलेलेच आहेत. आणि निसर्ग हि त्याला अपवाद कसा काय राहील..?

पण मग असे कोण आहे ज्याला काहीच नियम नाहीत.. कारण आयुष्य असे असावे असे वाटते.. समुद्राला किनारा आहे, नदीला पात्र बदलता येत नाही, पर्वत स्थिर असतात.. मग असे कोण..?



हवा...!! हवा मुक्त असते, स्वछंदी विहार करते, हवा सौम्य हि असते आणि हवेत ताकद ही असते, बोचरी हवा पण हवीहवीशी वाटते.

ह्याच हवेत प्रेमराग चितारण्याची कला असते. क्षण भर मला वाटले कि आयुष्य हे हवेसारखं असावे, तो सौम्यपणा पण असावा आणि तो आवेश ही! पण मग वेगाचे वादळ आले तर..? त्याला शमवण्याची ताकद कशात आहे..? कारण त्या हवेला शमवणारे असावे लागतेच कोणी तरी..

हवेला अडवू शकतात ते फक्त पर्वतच !! कितीही वेगाचं वादळ असलं तरी ते आपल्या आंधळ्या आवेशातून जागं होतं, शांत होतं अगदी पर्वताच्या कुशीत जाऊन..

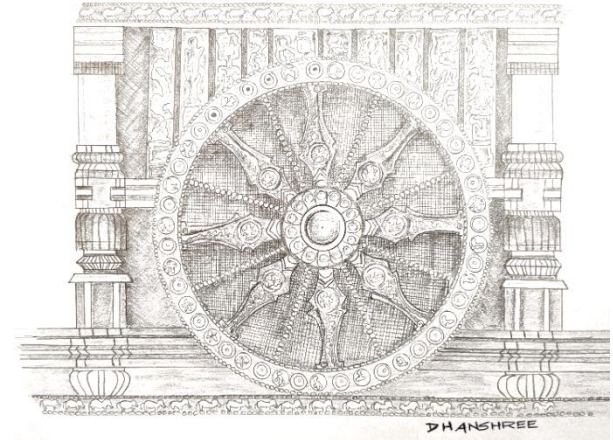
मुक्त असणं आणि राहणं हे तितकं सोप्य नाही, कदाचित हे नियमच आपलं आयुष्य घडवत जातात. मुक्तता, स्वछंदी पणा हा जितका आयुष्यात महत्वाचा असतो, तितकेच बंध सुद्धा आवश्यक असतात. बंधनं जाचकच असतात असं नाही, त्यात जीवनाला नवीन कलाटणी देण्याची क्षमता असते..

पर्वताचं असणं ही काही सीमा किंवा बंधनं नाहीत; कदाचित एक वेगळी लय आणि सूर निर्माण करण्यासाठी त्याचं असणं आहे!

- पूर्वा पाटील (Assistant Prof. M.Arch Architectural Conservation, SCOA)
- Photographs – By Ar. Poorva Patil



Bhavyata Agrawal S.Y.M.Arch (Architectural Conservation)



Dhanshree Lunge F.Y.M.Arch (Architectural Conservation)

"वाद्यपंढरी"

बऱ्याच दिवसांनी सगळे एकत्र जमलो, गप्पा गोष्टी, गाणी, किस्से, हास्य विनोद सगळ्याला उधाण आलं होतं. एकत्र आलं की हे सगळं झालंच पाहिजे. मी ही घेतली हातात हार्मोनियम, आणि फिरवला हात, मस्त गाणी म्हणली, काय सुरेख हार्मोनियम, तिचा हलका भाता, अलगद स्वर पट्ट्या, म्हणलं नवीन घेतली का हार्मोनियम? उत्तर मिळाल, "अग हो, खास मिरजेहून मागवली हो, अशी सफाईदार पणे बनवून दिलीये मिरजकरांनी, की गात रहावं!" ... मैफिल संपली, पण माझ्या मनातले विचार चालूच राहिले. वाद्य म्हणलं की मिरज हे जणू समीकरण च बनलं आहे. मिरजेशी माझा घनिष्ट संबंध आला आहे. वास्तुरचना संवर्धन विषयात उच्च शिक्षण घेताना मी या जागेचा अभ्यास केला. कोणत्याही गोष्टीचा अभ्यास करावा तितके नवे पैलू उलगडत जातात हेच खरं. मिरज माझ्या गावापासून जवळ, त्यात माझ्या घरात संगीताची आवड. त्यामुळे घरात आईचा तानपुरा, बाबांची सतार हे दोन्ही मिरजेतून बनवून घेतलेलं. लहानपणी मिरजकर काका घरी बऱ्याचदा यायचे, ही वाद्य "ट्यून" करून घ्यायचे.

सतारीची "चिकारी", तानपुर्याचा "घुमार" हे सगळं जस हवं तसं करून घ्यायचे. तेव्हा काही कळत नव्हतं, पण ऐकलं की "हां, ये बात है!" असं वाटायचं. या काकांना एवढं कसं परफेक्ट जमतं, याच आश्चर्य ही वाटायचं. पण मधल्या काही वर्षात हे सगळं कुतूहल मनातल्या मनात च राहिलं, पण M.Arch करताना हा विषय पुन्हा मनात आला. वाटलं की यावर अभ्यास करू. भारतीय शास्त्रीय संगीत, त्यातली वाद्य, वाद्य घडवणारे कारागीर, त्यांची जीवनशैली, त्यांचा इतिहास, आणि या सगळ्यातून निर्माण झालेला मिरजेचा चेहरा मोहरा! मनात उत्सुकता निर्माण झाली. सांगली मिरज म्हणजे पटवर्धन संस्थानिकांची सत्ता असलेला परिसर, हे आपण जाणतोच. पण त्या पूर्वी सुमारे ७०० वर्षांपूर्वी सुफी संत निजामुद्दीन औलिया चे शिष्य मुस्लिम धर्माच्या प्रसार आणि प्रचारासाठी मिरजेत आले, आणि मिरजेतला प्रसिद्ध मिरासाहेब दर्गा बांधण्यात आला. कृष्णा नदीच्या काठावर या दर्ग्याच्या आजूबाजूने वस्ती वाढू लागली. पुढे या दर्ग्याच्या डागडुजी च्या कामा साठी बरेच कामगार मिरजेत स्थायिक झाले. तेव्हा मिरजेवर विजापूर च्या आदिलशहा ची राजवट होती.

धर्माला महत्व देणाऱ्या आदिलशहा ने मिरासाहेब दर्गा अधिक चांगला करवून घेतला. त्याने या कामासाठी पाठवलेले कामगार, म्हणजे "शिकलगार" समाजातले लोक होते, ज्यांच्या हातात कला होती. आणि यांना संगीताची उत्कृष्ट जाण होती. आदिलशहा च्या पदरी हे लोक शस्त्रास्त्र बनवत असत. पुढे दर्गाच्या डागडुजी नंतर ही जमात मिरजेतच स्थायिक झाली. हातात कला असली, तरी पोटापाण्यासाठी पडेल ते काम करायची यांची तयारी! कालांतराने आदिलशाही चा अस्त झाला, हळूहळू पटवर्धन सत्तेवर आले. इंग्रज भारतावर राज्य करत होते. या दरम्यान शस्त्र बाजूला पडून त्याची जागा बंदुकीने घेतली. आणि ही जमात बेरोजगार झाली. त्यांची कलाकारी, सांगीतिक जाण पटवर्धनांनी हेरली. संस्थानिक पटवर्धन संगीतातले रसिक. भारतातले गायक, वादक बनारस, कलकत्ता हुन खास तानपुरा-सतारी घेतात हे त्यांना माहीत होतं. मग या कारागिरांनी अश्या सतार-तानपुरे घडवले तर याना रोजगार मिळेल. यातून हे शिकलगार वाद्य घडवू लागले. सतार किंवा तानपुरा कसा वाजला पाहिजे, त्याचा स्वर, घुमार, आकार, लांबी, या सगळ्याच पिढीजात ज्ञान या शिकलगार लोकांना आहे.

सतार किंवा तानपुर्याचा आकार पाहता, त्याचा भोपळा किती घेराचा हवा, यावर त्याचा आवाज कितपत घुमेल हे कुठेही न शिकता या लोकांना ईत्तमभूत समजतं. हे खरंच आश्चर्यकारक आहे. मिरजेतून फिरताना यांची दुकान वजा घरं पहायला मिळतात. एक वाद्य बनवायला एका कारागिरला ३ ते ४ महिने लागतात. अतिशय मन लावून हे काम करताना दिसतात. मिरजेतले शिकलगार पिढ्यानपिढ्या हे काम करत आहेत. आज अनेक आंतरराष्ट्रीय कीर्तीचे कलाकार - गायक, वादक मिरजेत येऊन खास आपल्या आवडीनुसार वाद्य बनवून घेतात. आता हे शिकलगार (मिरजकर, सितारमेकर असेही नाव लावणारे) हार्मोनियम, तबला, ढोलकी, गिटार अशीही वाद्य बनवतात. पण मूळचे हे लोक तंतुवाद्य बनवण्यात माहीर! मिरजेचा हा इतिहास जाणून घेताना "ही तर वाद्यपंढरी च" असं वाटलं. खरंच, संगीत अंगात भिनलेलं असणं म्हणजे काय, हे या शिकलगार जमातीकडे पाहिल्यावर कळलं! मनात फक्त उत्सुकतेची मी तार छेडली होती, आणि संपूर्ण तंतुवाद्य निर्मितीचा इतिहास या खजिन्यातून माझ्या हाती लागला!

Ar.Chaitrali Deshpande

SKETCHES / PHOTOGRAPHY





Photography by : Dhanshree Lunge F.Y.M.Arch (Architectural Conservation)

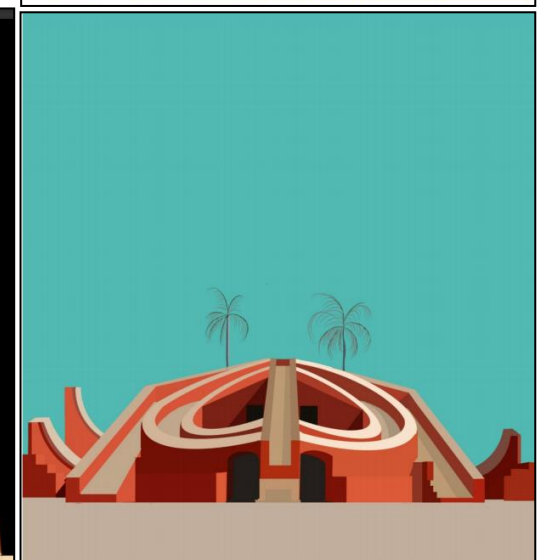
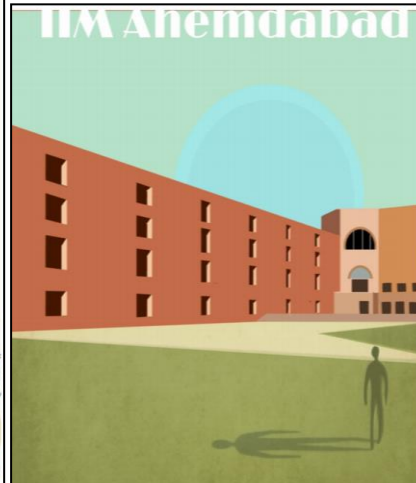
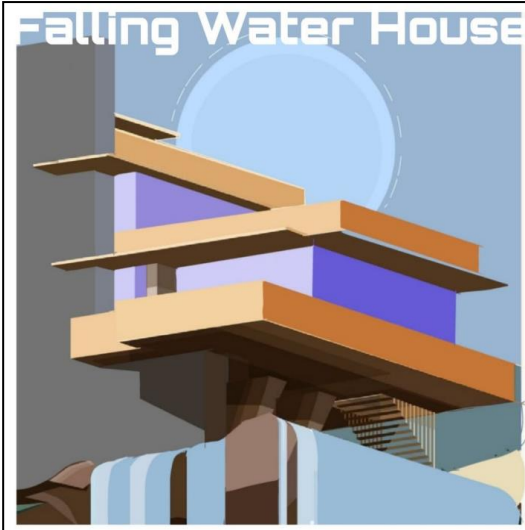


Photography by : Tushar Kshemkalyani F.Y.M.Arch (Architectural Conservation)

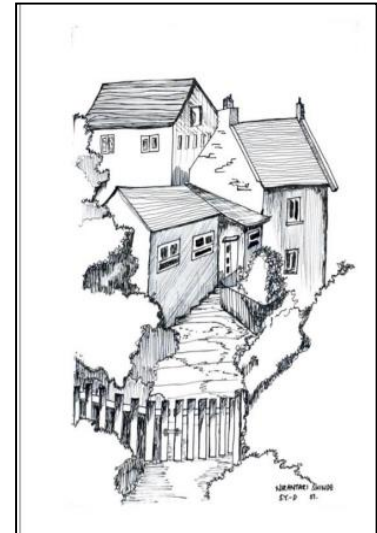
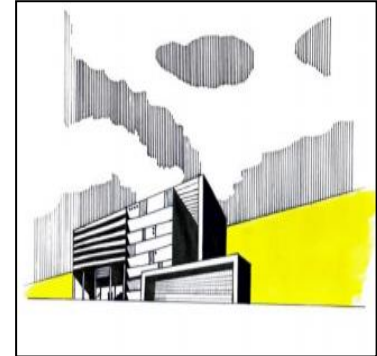
SKETCHES



DIGITAL SKETCHES



SKETCHES



ABHISHEK SHIRSAT
SECOND YEAR

CHELSEA SILVERA
SECOND YEAR

NIRANTARI SHINDE
SECOND YEAR

PHOTOS



CLASS PHOTOS

DIVISION A
SECOND YEAR



CLASS PHOTOS

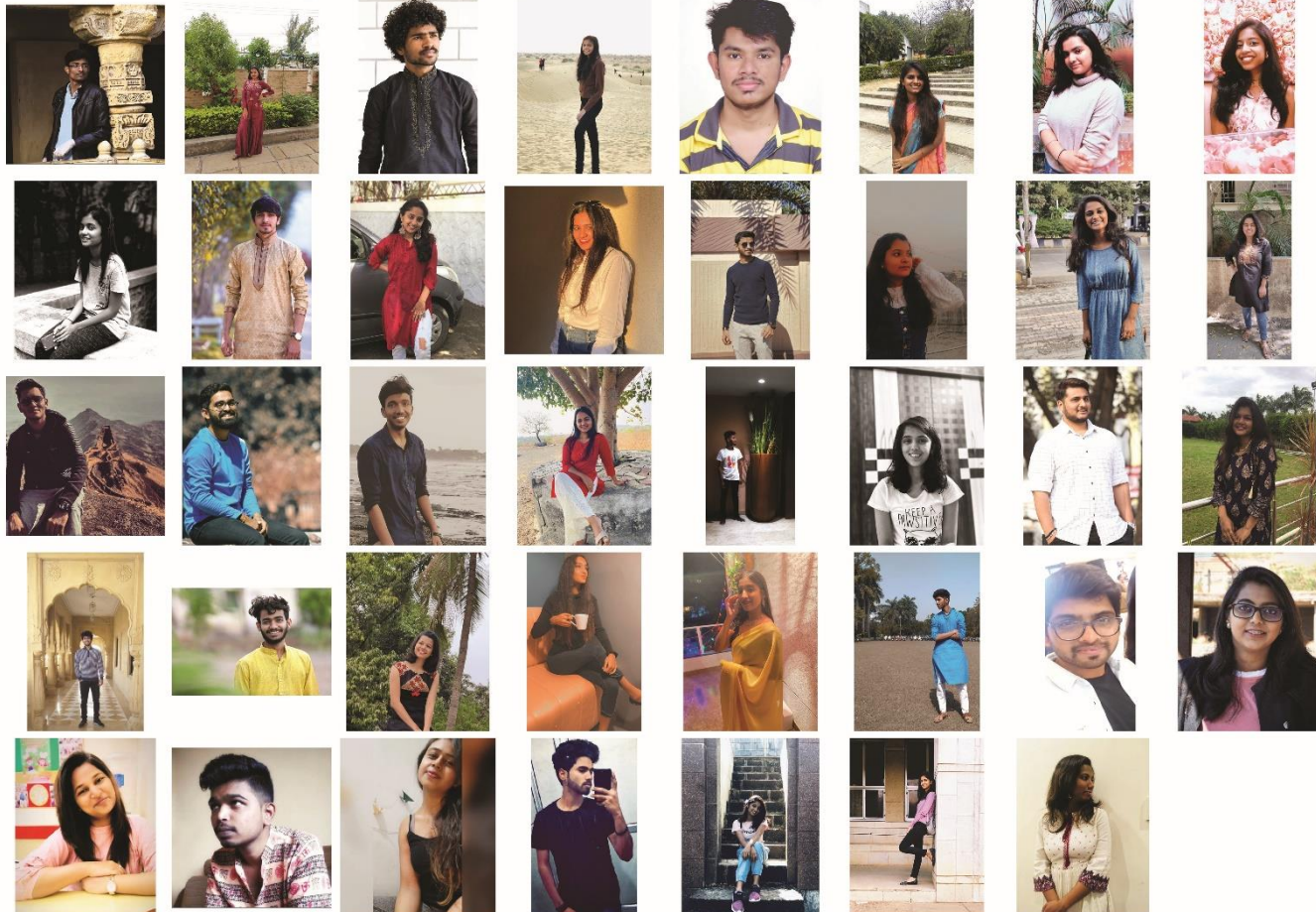
DIVISION A

THIRD YEAR



CLASS PHOTOS

DIVISION A
FOURTH YEAR



CLASS PHOTOS

DIVISION A
FINAL YEAR



CLASS PHOTOS

DIVISION B
SECOND YEAR



CLASS PHOTOS

DIVISION B

THIRD YEAR



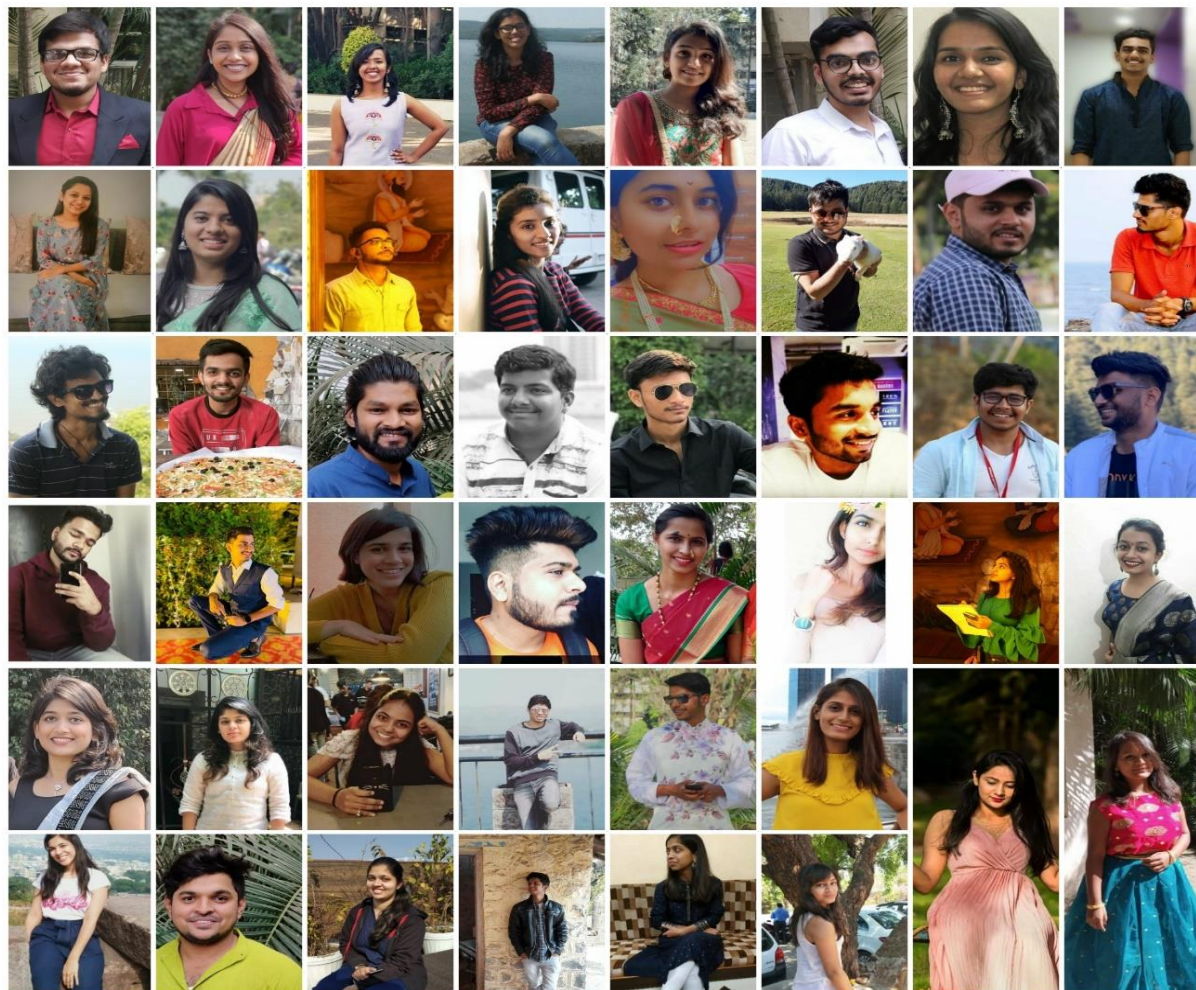
CLASS PHOTOS

DIVISION B
FOURTH YEAR



CLASS PHOTOS

DIVISION B
FINAL YEAR



CLASS PHOTOS

DIVISION C
SECOND YEAR



CLASS PHOTOS

DIVISION C
THIRD YEAR



CLASS PHOTOS

DIVISION C
FOURTH YEAR



CLASS PHOTOS

DIVISION C

FINAL YEAR



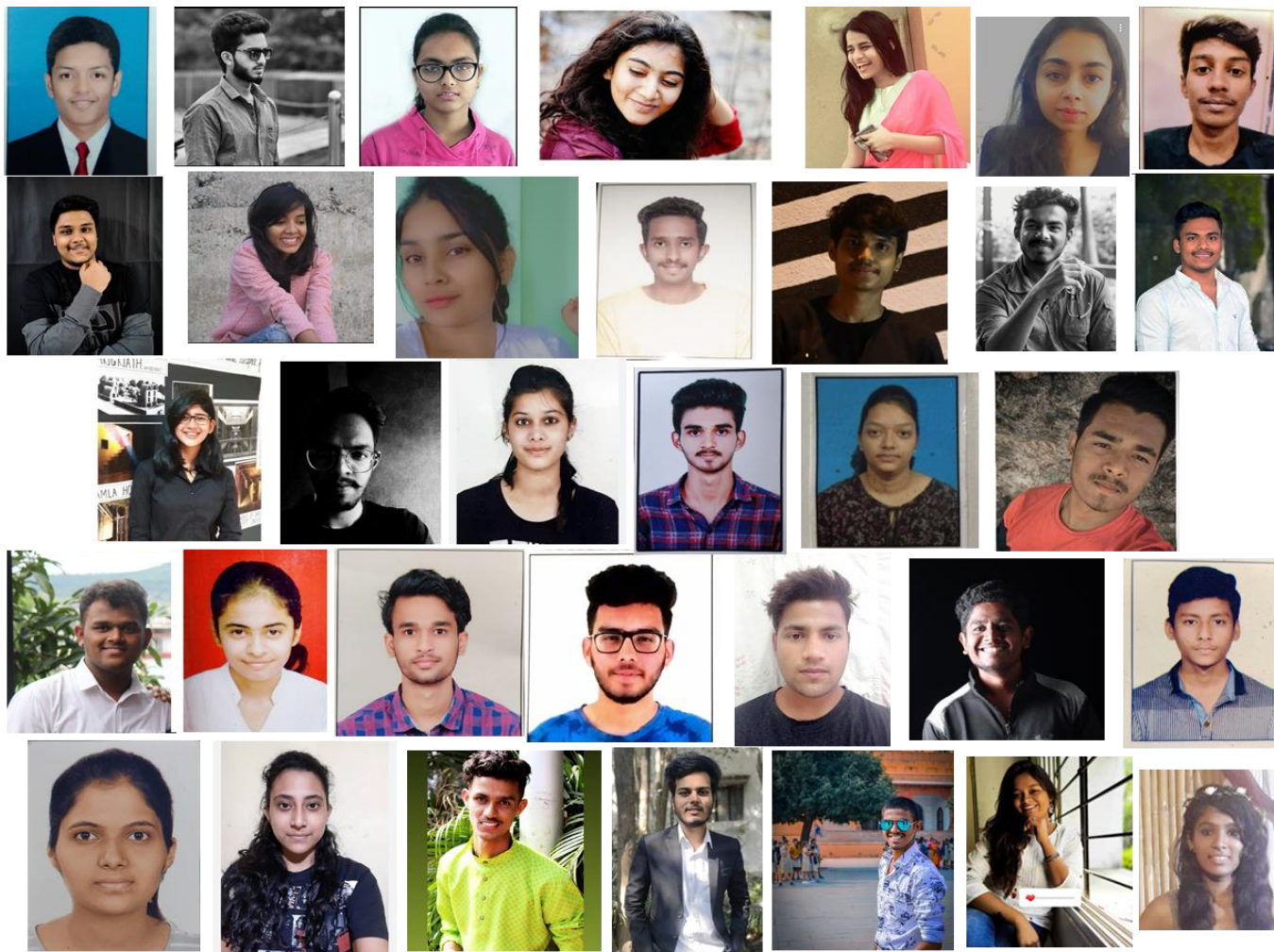
CLASS PHOTOS

DIVISION D
SECOND YEAR



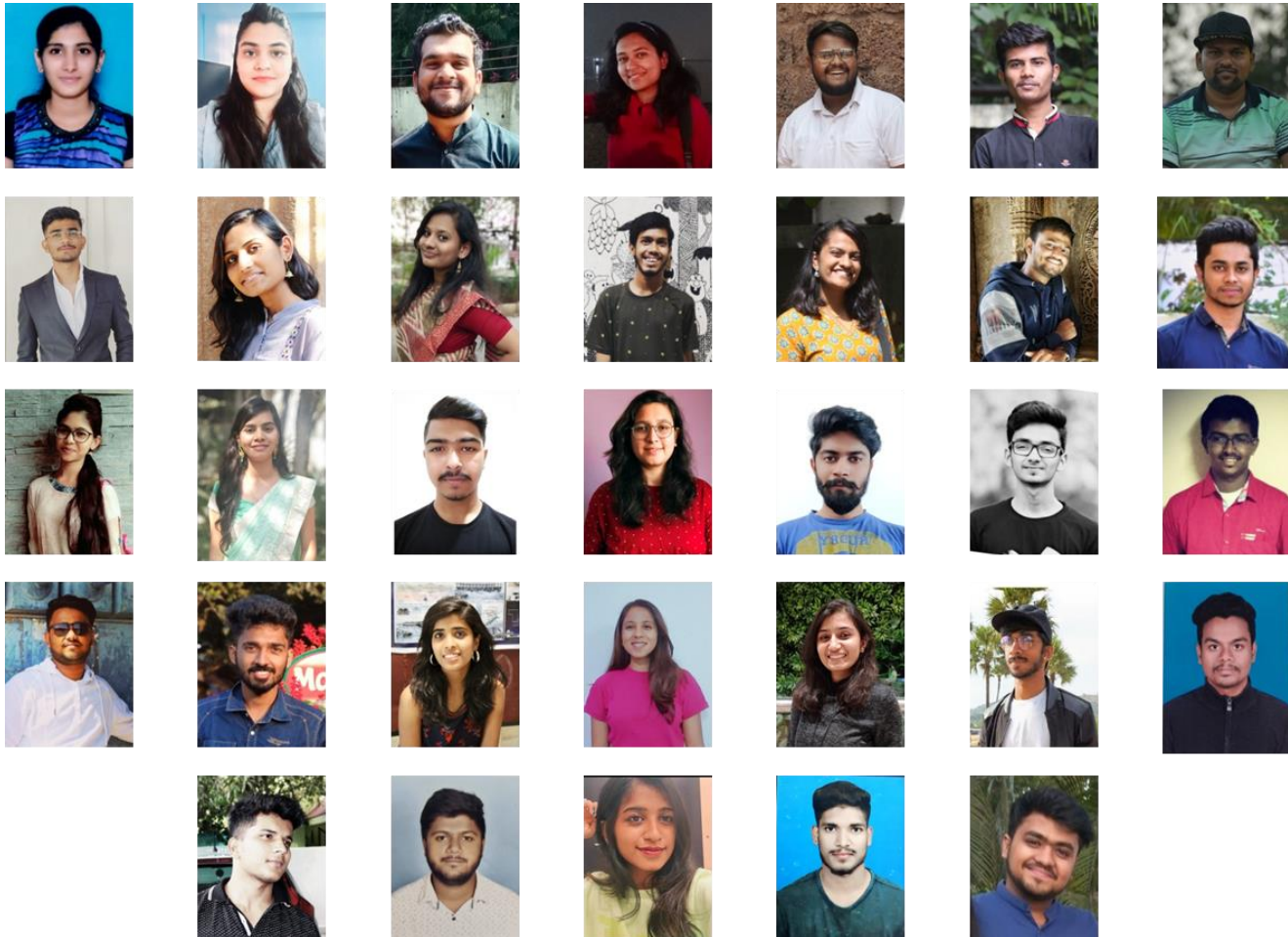
CLASS PHOTOS

DIVISION D
THIRD YEAR



CLASS PHOTOS

DIVISION D
FOURTH YEAR



CLASS PHOTOS

DIVISION D

FINAL YEAR



CLASS PHOTOS

MASTERS DEPARTMENT: ARCHITECTURAL CONSERVATION

FIRST YEAR



Shraddha Bojja



Siddhant Gaddade



Priyanka Gite



Rashmi Halbe



Tushar Kshemkalyani



Dhanshree Lunge



Priyanka S Patil



Manjiri Shendye



Shretima Thakur

SECOND YEAR



Avinash Bhise



Mukta Deshpande

S.Y.M.Arch (AC) 2020-21 Batch



Sangeeta Joshi



Akash Karhad



Gayatri Khaire



Swapnali Ladpatil



Kalyani Raval



Abhijit Sadhale



Anup Tarlekar

CLASS PHOTOS

MASTERS DEPARTMENT: COMPUTER APPLICATION

FIRST YEAR



SECOND YEAR



FACULTY B.ARCH



CLASS PHOTOS

FACULTY DIVISION A



CLASS PHOTOS

FACULTY DIVISION B



CLASS PHOTOS

FACULTY DIVISION C



CLASS PHOTOS

FACULTY DIVISION D



CLASS PHOTOS

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