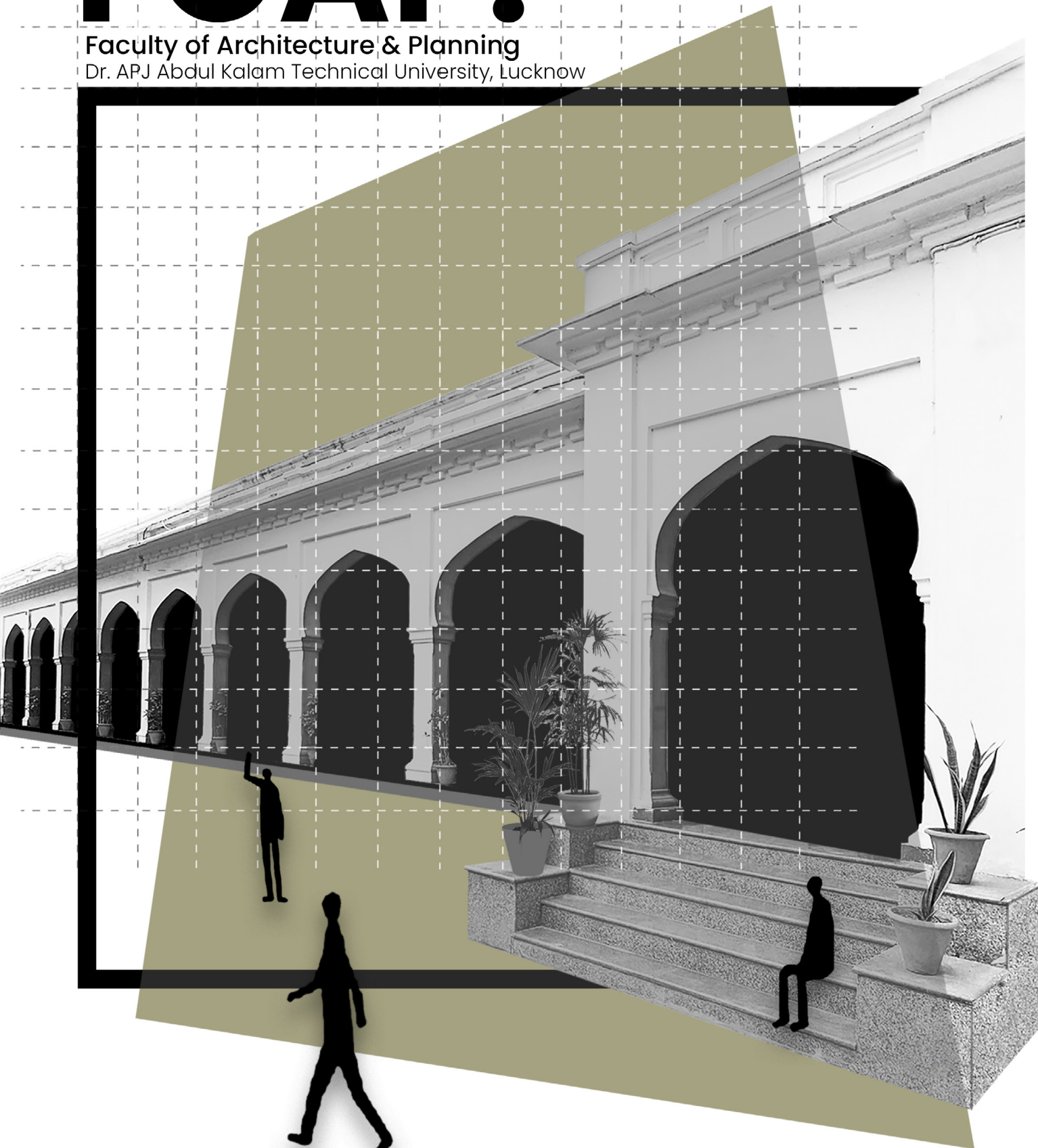


# FOAP.

Faculty of Architecture & Planning

Dr. APJ Abdul Kalam Technical University, Lucknow



**PLACEMENT BROCHURE**  
**2023-24**

## ABOUT US

Faculty of Architecture and Planning is primarily a faculty of Dr. APJ Abdul Kalam Technical University Lucknow, located on a 6-acre site, is at a walking distance from the city center of Hazratganj. It started as a part of Government College of Arts & Crafts in 1911 and is one of the oldest in the country. Presently the college is known as the 'Faculty of Architecture and Planning -AKTU '.

## OUR VISION

*To develop capable, skilful and sensitive professionals who can take the lead in making this field of creativity and technology a valued profession, while shaping the society for future.*

1911

Started as a part of "Government College of Arts & Crafts" at Lucknow; one of the oldest in the country.

1976

Separated as an individual institute by the name "Government School of Architecture"

1980

Became a constituent college of Lucknow University & renamed as "Government College of Architecture"

2006

Gained an autonomous status and functioned as "Lucknow College of Architecture"

2009

Became a constituent college of the Dr. APJ Abdul Kalam Technical University known as the "Faculty of Architecture and Planning "



## MESSAGE FROM DIGNITARIES



### Principal & Dean

Architecture education is based on "design thinking". We the Faculty of Architecture and Planning prepare students for that give solutions for space at micro and macro scale. The philosophy of institute is to "Design creatively and aesthetically using the latest technology" for a better future.

Prof. (Dr.) Vandana Sehgal  
B. Arch. | M.Arch. | Ph.D.



### Head Of Department

This institute has a lineage of more than 100 years and produced many successful architects, academicians and able professionals. Faculty of Architecture and Planning (erstwhile GCA) has made a significant impression in India and abroad due to its teaching pedagogy. I feel extremely honored to be contributing to the progressive development of my alma mater.

Prof. (Dr.) Ritu Gulati  
B. Arch. | M.Arch. | Ph.D.

## OUR MENTORS



Dr. Vandana Sehgal  
Principal & Dean  
B.arch | M.arch | PhD



Dr. Ritu Gulati  
Head of Department  
B.arch | M.arch | PhD



Dr. Subhrajeev Banerjee  
B.arch | Masters in City  
Planning | PhD



Dr. Indrani Chakroborty  
B.arch | Masters in City  
Planning | PhD



Dr. Joydeep Dutta  
B.arch | MURP | PhD



Dr. Meeta Tandon  
B.arch | M.arch | PhD



Ar. Ishwar Chandra  
Vidhya Sagar  
B.arch | M.arch



Ar. Rakesh Pajjwar  
B.arch | M.arch



Dr. Farheen Bano  
B.arch | M.arch | PhD



Girish Pandey  
B.FA | M.FA



Ar. Gaurav Singh  
B.arch | MURP



Ar. Tabish Ahmed  
Abdullah  
B.arch | M.arch



Ar. Vaibhav Kulshrestha  
B.arch | MURP



Dr. Anjaneya Sharma  
B.arch | M.arch | PhD



Ar. Prabhat  
Kumar Rao  
B.arch | M.Plan



Ar. Mahima Thussu  
B.arch | M.Plan



Ar. Tauseef Rahi  
B.arch | M.arch



Ar. Alok Omar  
B.arch | M.arch



Ar. Anupam  
B.arch | M.Plan



Ar. Deepti Sagar  
B.arch | MURP



Ar. Divya Pandey  
B.arch | M.arch



Ar. Divya Pandey  
B.arch | M.arch



Pl. Arundhatee Mishra  
B.Plan | M.Plan



Er. Ekta Sinha  
B.Tech | M.Tech



Ar. Akshay Gupta  
B.arch | M.Arch



Ar. Mariya Zama  
B.arch | M.Arch



Ar. Shriyak Singh  
B.arch | M.Arch



Ar. Juwairia Qamruddin  
B.arch | M.Arch



Ar. Divyanshi  
Srivastava  
B.arch | Masters in Urban  
Management



Ar. Kushagra  
B.arch | M.arch



Ar. Prasoon Mishra  
B.arch | M.arch



Bhupendra K Asthana  
B.V.A | M.V.A



Ar. Sawant Kumar  
Sharma  
B.arch | M.Ekistics



Ar. Oorvi Singh  
B.arch | M.arch



Ar. Aila Azeem  
B.arch | M.arch



Er. Vanshaj  
B.Tech | M.Tech



Ar. Shishir Kumar  
B.Arch | M.Arch



Ar. Sakshi Jain  
B.Arch | M.Arch



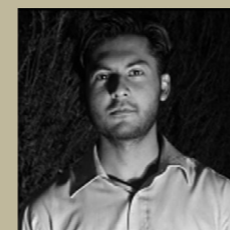
Ar. Lalit Akash Verma



Ar. Prachi Singh



Ar. Ajay Yadav



Ar. Aamir



Ar. Shagufta Irshad



Ar. Poorva



Ar. Ananya Tripathi

## B.ARCH 1ST YEAR SELECTED WORKS

### B.ARCH 1st SEMESTER

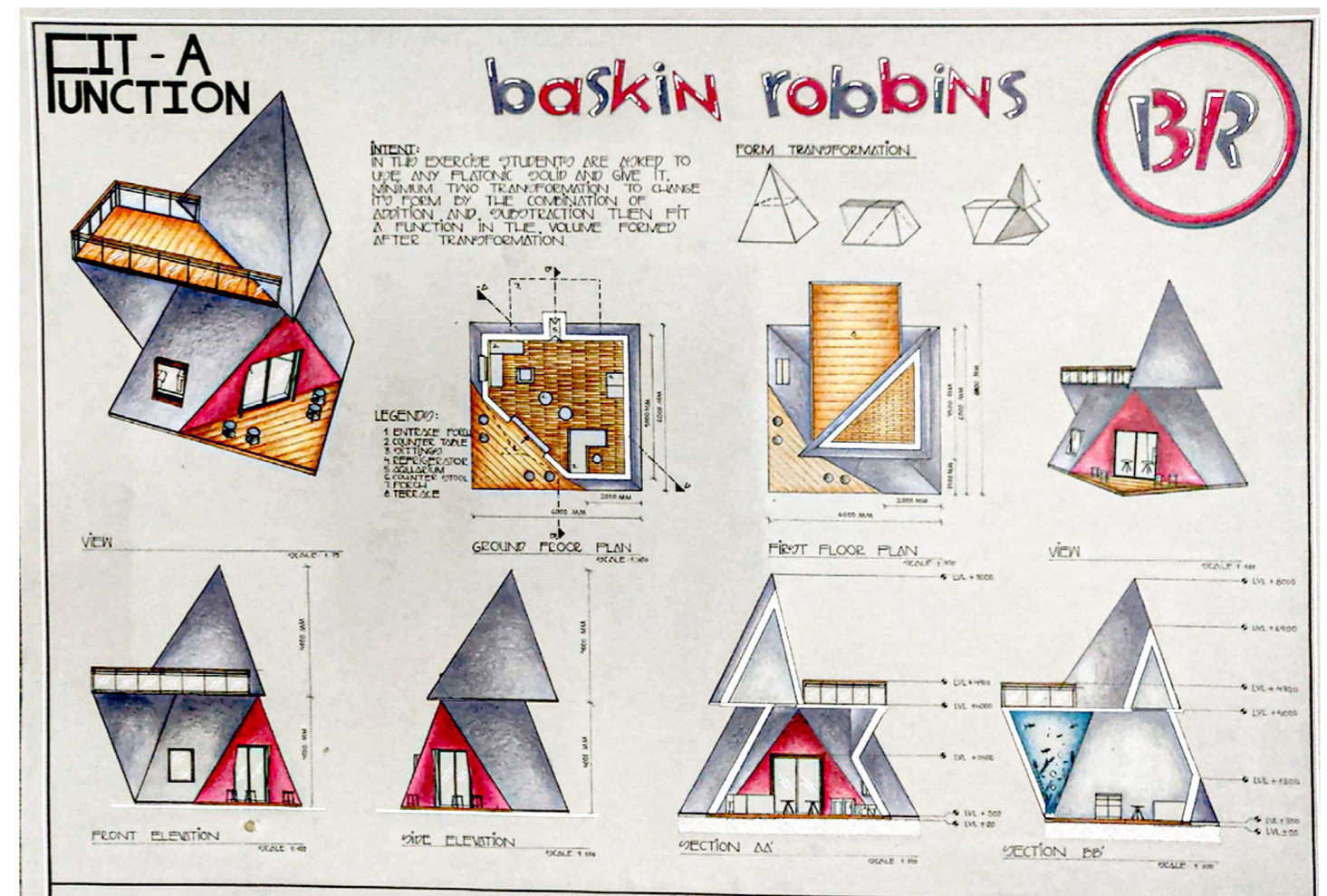
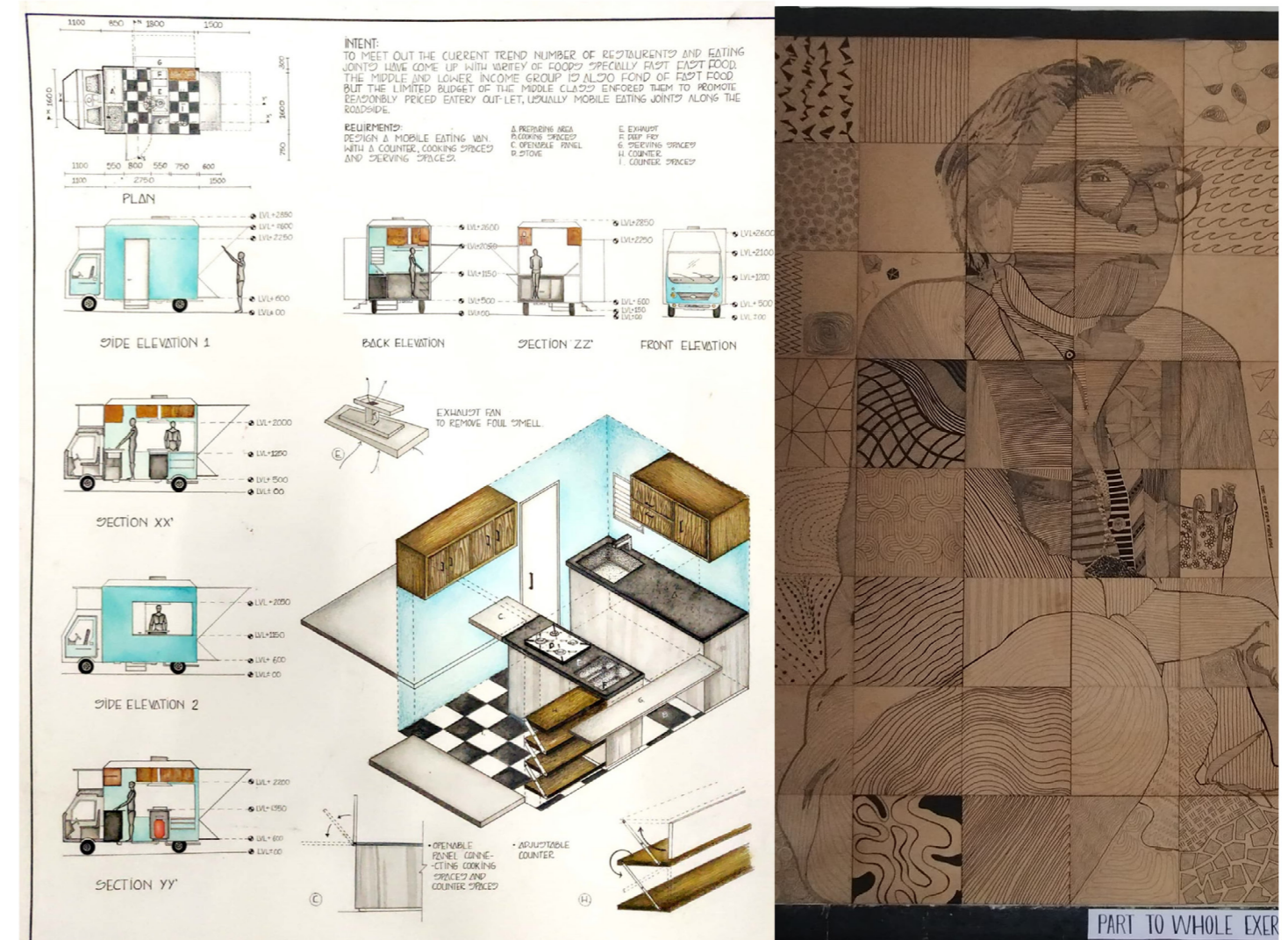
- Orientation of students to the profession of architecture
- Introduction to basic design and the basic understanding of form and space in architecture

### B.ARCH 2nd SEMESTER

- Introduction to human activity and spaces required for activities.
- Introduction to basic building components and their dimensions.
- To appreciate the elements in architectural design of single unit built-up structures.
- Introduction to presentation drawing.



Architectural exhibition by 1st years  
Glimpses on FOAP instagram page



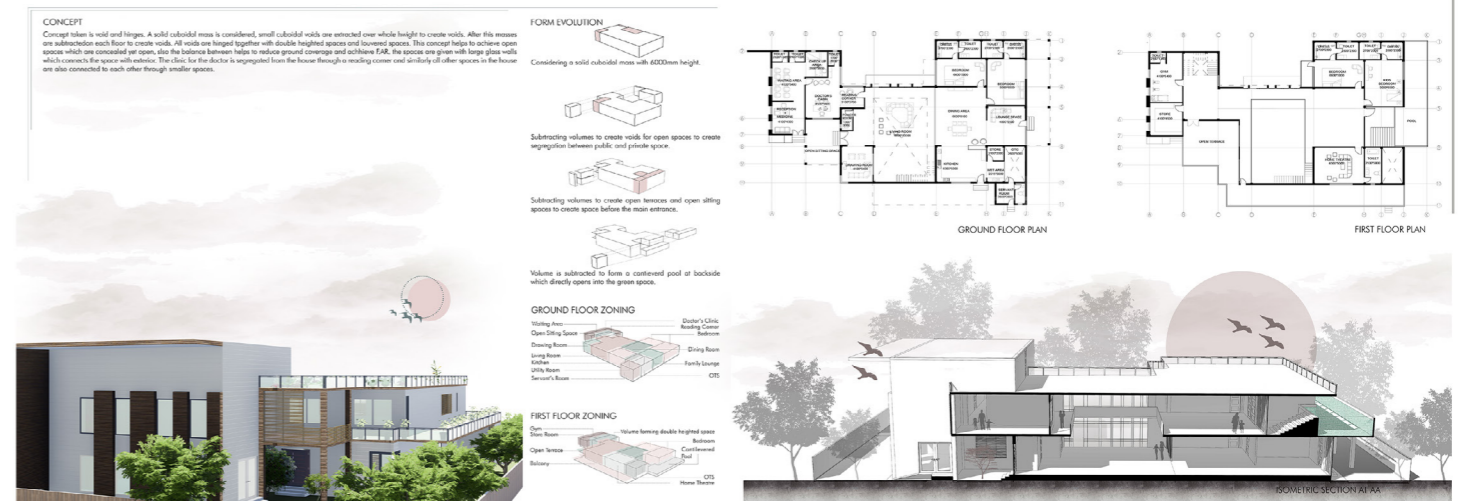
## B.ARCH 2nd YEAR SELECTED WORKS

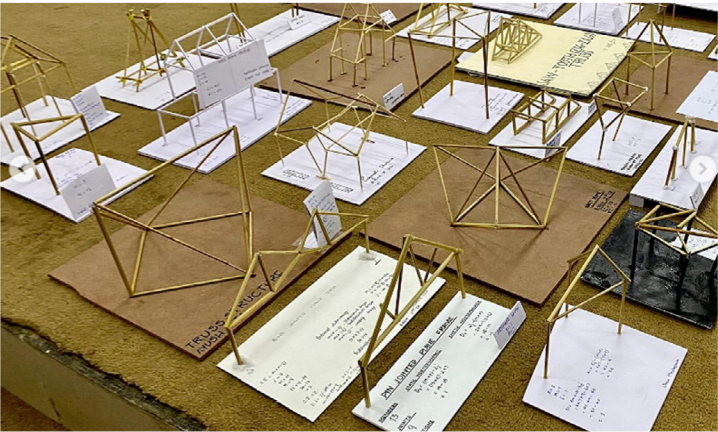
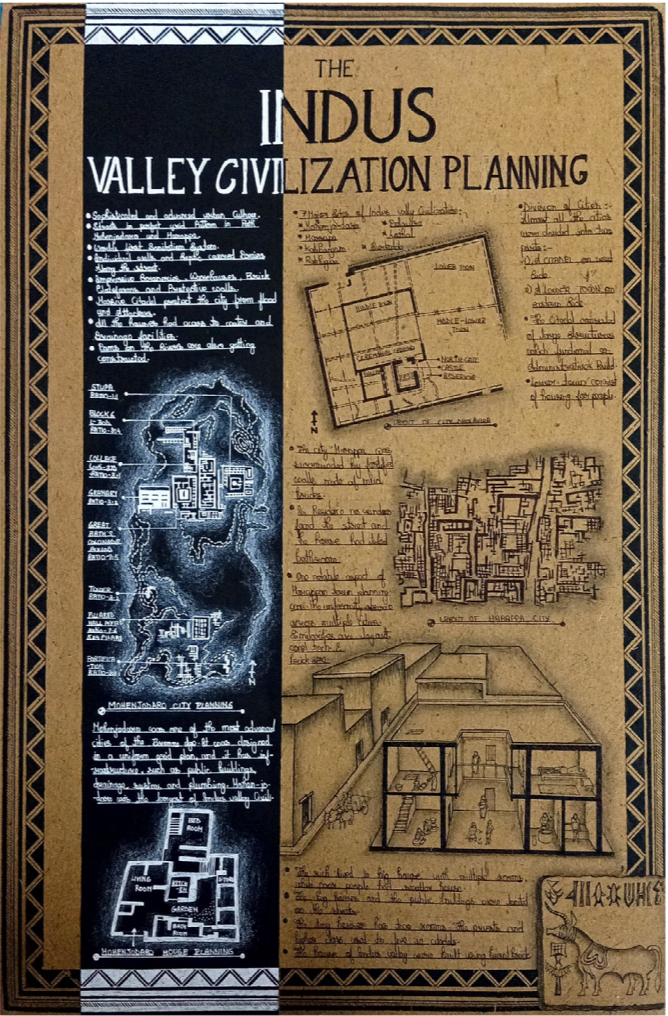
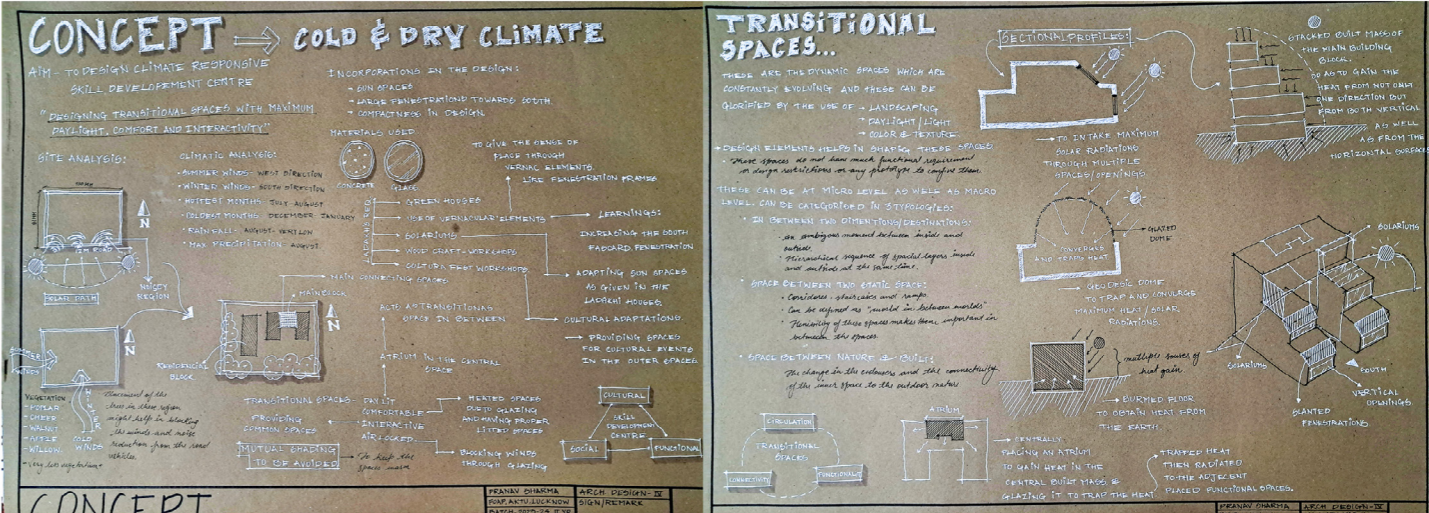
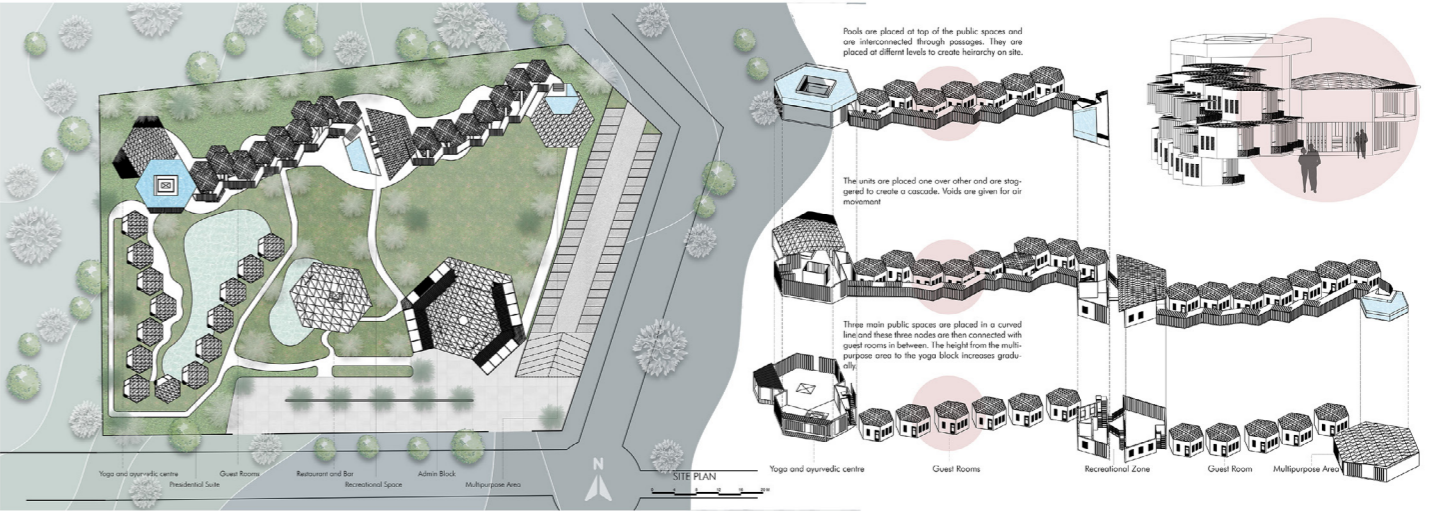
### B.ARCH 3rd SEMESTER

- Utilize varying methods for developing out of the box creative skills for design of small projects.
- Comprehension of arrangement /organization of spatially/ functionally similar units resulting in varied outdoor spaces.
- To assimilate the modifying spatial qualities of indoor & outdoor spaces due to varying configurations.

### B.ARCH 4th SEMESTER

- To understand the role of climate and environment as a context in shaping building design.
- To comprehend the interpretation of prescribed environmental norms for a given place in building forms.
- Studying the vernacular architecture of varied climatic zones to examine their response to the existing conditions.
- Analysing the spatially rich vernacular architecture especially of the indian subcontinent





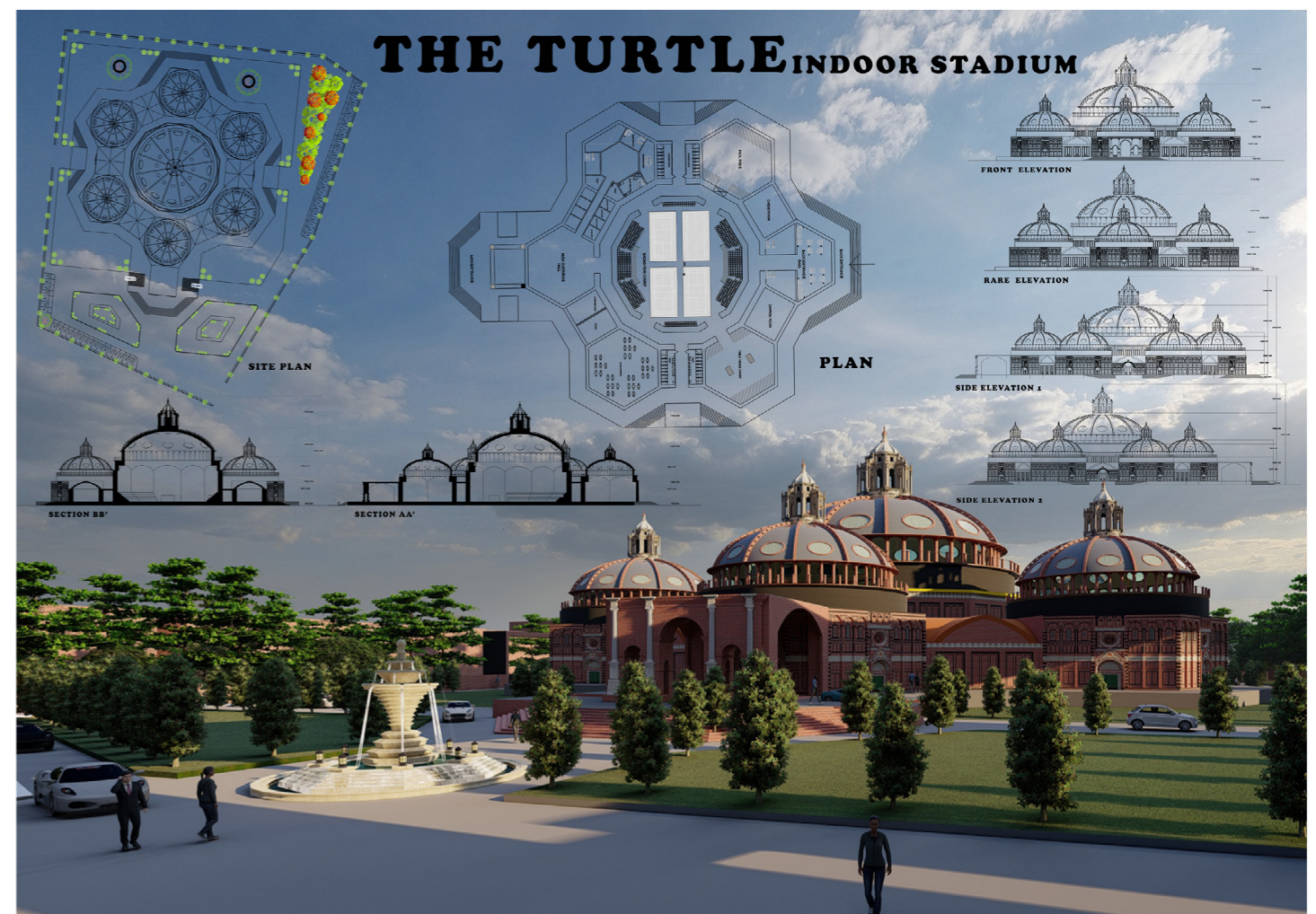
## B.ARCH 3rd YEAR SELECTED WORKS

### B.ARCH 5th SEMESTER

- To understand the different structural systems and their mechanism/logic.
- To understand the constraints and possibilities of designing with the range of structural systems available.
- To employ and integrate these structure systems into the design ideology, especially in proposals requiring large spans

### B.ARCH 6th SEMESTER

- To understand the constraints of multiple housing units in an urban setting with respect to social norms, climate and client's expectations.
- To understand design limitations due to authority guidelines and making drawings / details necessary for final execution of a project.

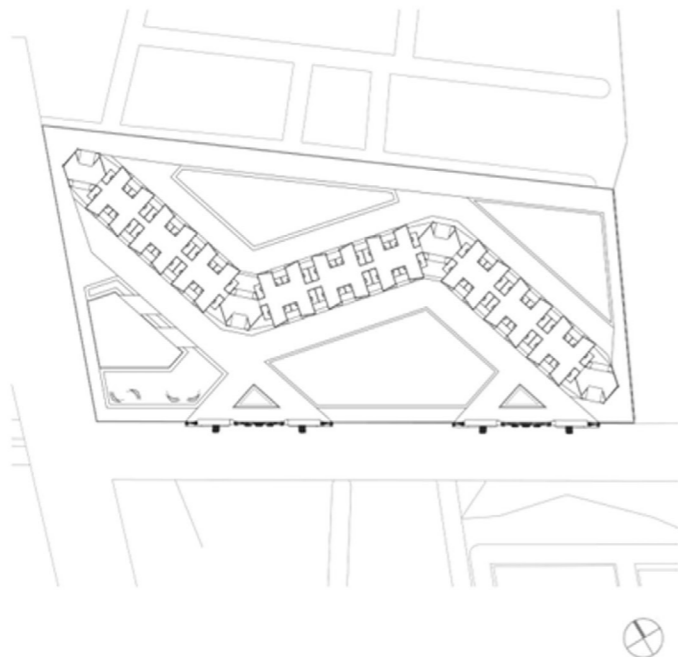


## AKANKSHA PARISAR RESIDENTIAL SOCIETY

YEAR: 2022  
6TH SEM, 3RD YEAR  
LOCATION: LUCKNOW, INDIA

The design is based on a hexagonal grid. The 120 degree angle optimises abundant inflow of natural light and ensures a great view. It is positioned in such a way that it divides the site into 4 zones in which two are acting as courtyard and other two smaller zones are used for shops, clubhouses and for green spaces. The other two larger spaces are used for views and swimming pool which not only enhances the aesthetics but also for micro climate of site.

There are three wings consist of 12 units on each floor connected to common services core. The main purpose of providing common core is to reduce the cost of lift cores thus reducing the building cost.



## CONSTRUCTION YARD

YEAR: 2021  
5TH SEM, 3RD YEAR  
LOCATION: LUCKNOW, INDIA

This construction yard is on a proposed design based on trabeated structure system for the replacement of existing construction yard. The planning and space allocation of site is not disturbed in proposed design. Arcuated columns are used for transferring load of slab to the ground. Also there is a requirement of creating a space for connectivity with Arts College besides the boundary. So a staircase is provided at the which becomes the primary source of connectivity and improves the bonding between both colleges.

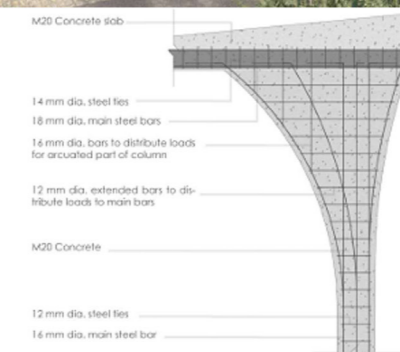
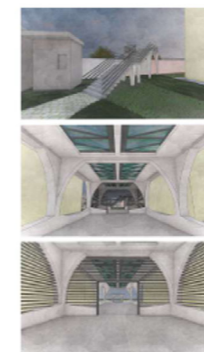
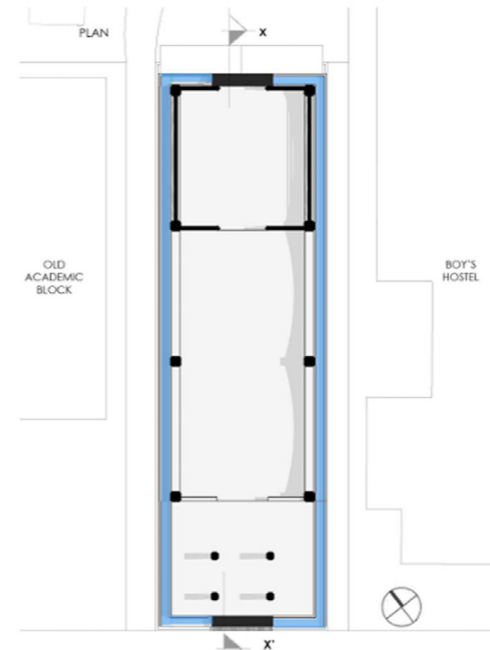


Fig. Structural details of section of column, beam & slab

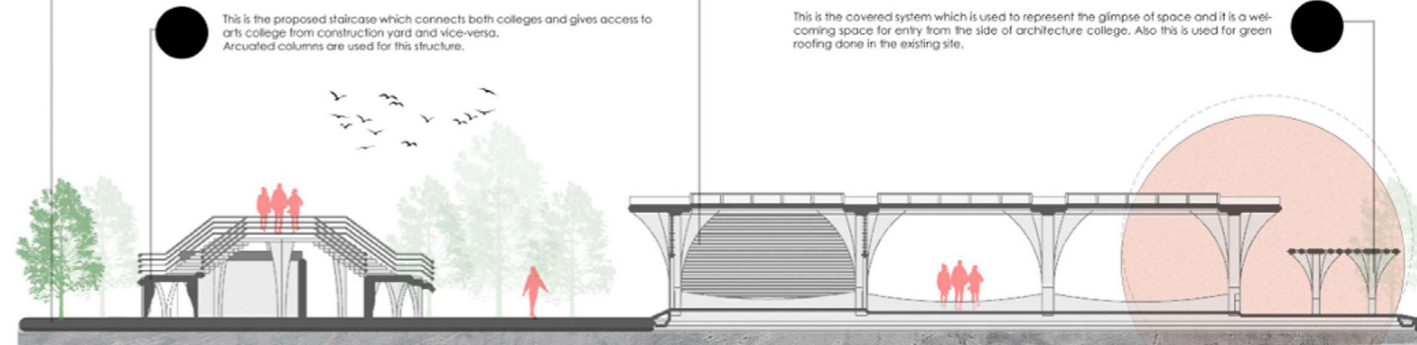
### SITE PLAN OF CONSTRUCTION YARD

This is the area of Lucknow College of Arts & Sculptures. This part of site consists of lots of trees and earth road which is connected to both colleges and primary location for connectivity of this college to our architecture college.

This is the proposed staircase which connects both colleges and gives access to art college from construction yard and vice-versa. Arcuated columns are used for this structure.

This is the proposed design of construction yard using trabeated structure system. It is divided into two spaces in which one is enclosed by horizontal steel bars as partition and entrance gate from both opposite sides. Main purpose is to use trabeated structure system for reconstruction and to make space more ventilated and also to allow optimum sunlight.

This is the covered system which is used to represent the glimpse of space and it is a well-coming space for entry from the side of architecture college. Also this is used for green roofing done in the existing site.



Site is situated in Akanksha Parisar Residential Society. Site is of 2.5 hectares. Site is divided into four zones according to hexagonal grid.



Climate analysis is done to get the best orientation for building. Main circulation is along south side. So the main entrance is provided in south side. Public spaces like parking, shops and clubhouse are also along this side.

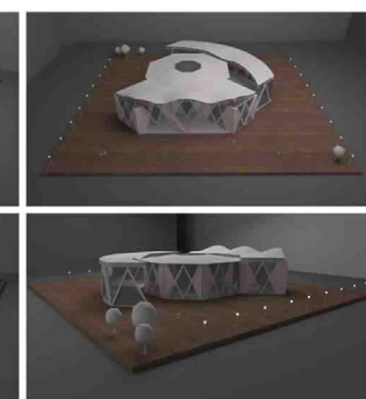
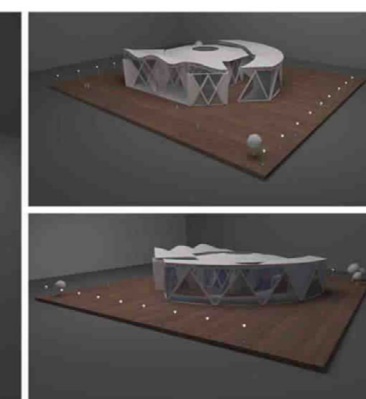
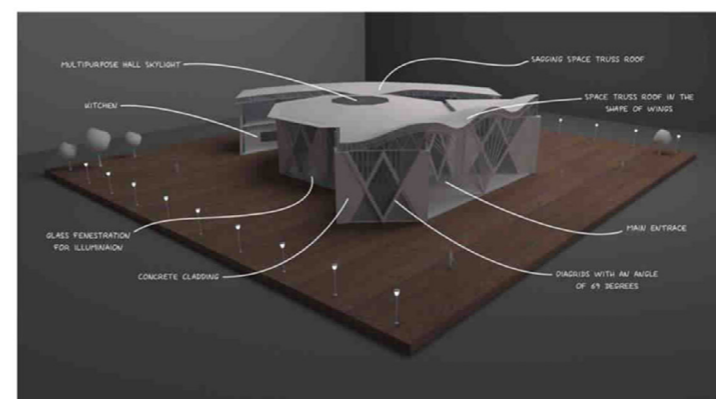
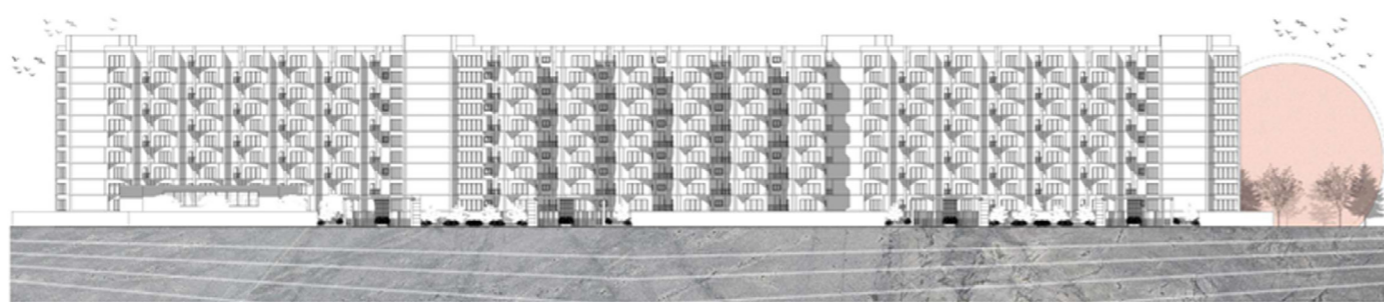
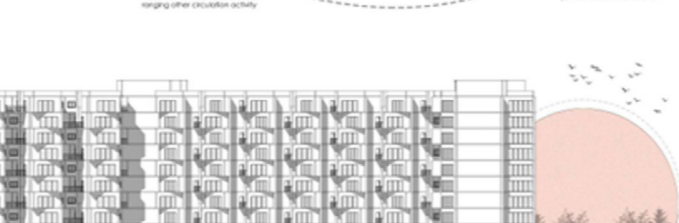
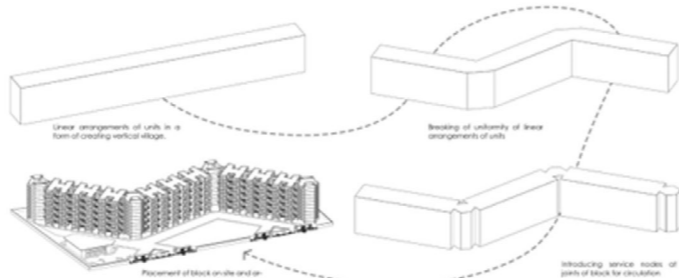


Building is placed on the site creating four zones in which one zone consists of clubhouse and one consists of children park in south side while in north side there is swimming pool.



**LEGENDS**  
1. LIVING ROOM  
2. BALCONY  
3. KITCHEN & DINING  
4. KID'S BEDROOM  
5. COMMON WC  
6. MASTER BEDROOM  
7. PRIVATE WC

**AREA CALCULATION**  
BUILT UP AREA - 83 SQ. M.  
SUPER BUILT UP AREA - 105 SQ. M.  
1 FLOOR TOTAL AREA - 3544 SQ. M.  
TOTAL FLOORS - 11  
TOTAL BUILT UP AREA - 38984 SQ. M.  
FAR GIVEN - 1.50  
FAR ACHIEVED - 1.55  
GROUND COVERAGE - 42%  
NO. OF UNITS - 360  
BUILDING HEIGHT - 37.8 METERS



# B.ARCH 4th YEAR SELECTED WORKS

## B.ARCH 7th SEMESTER

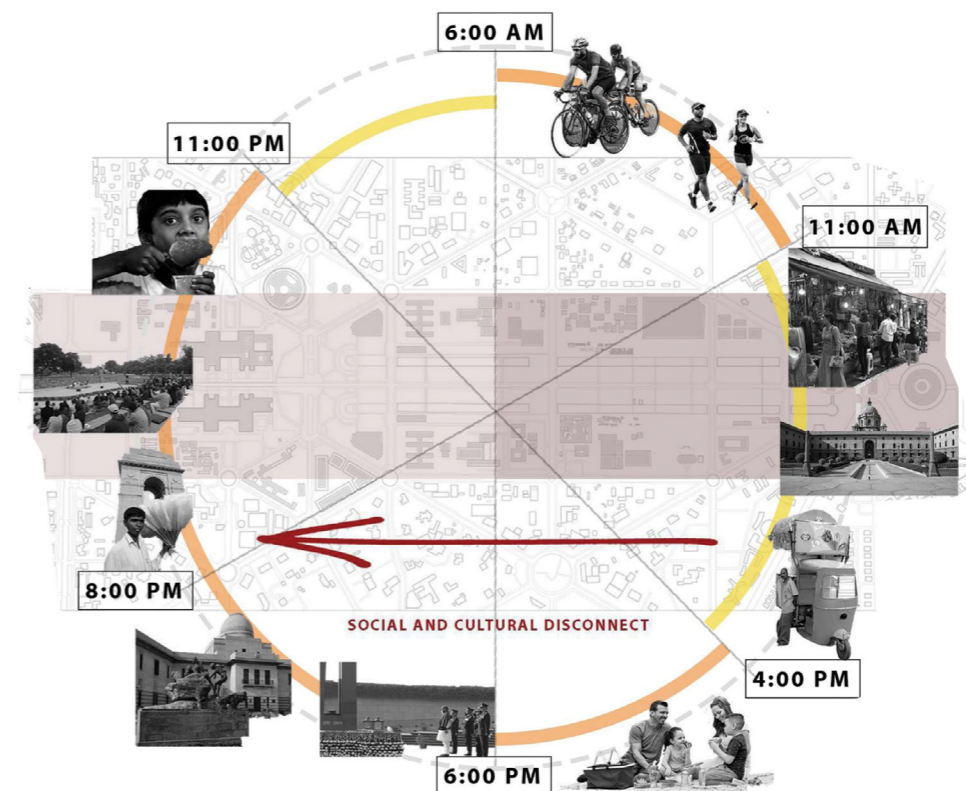
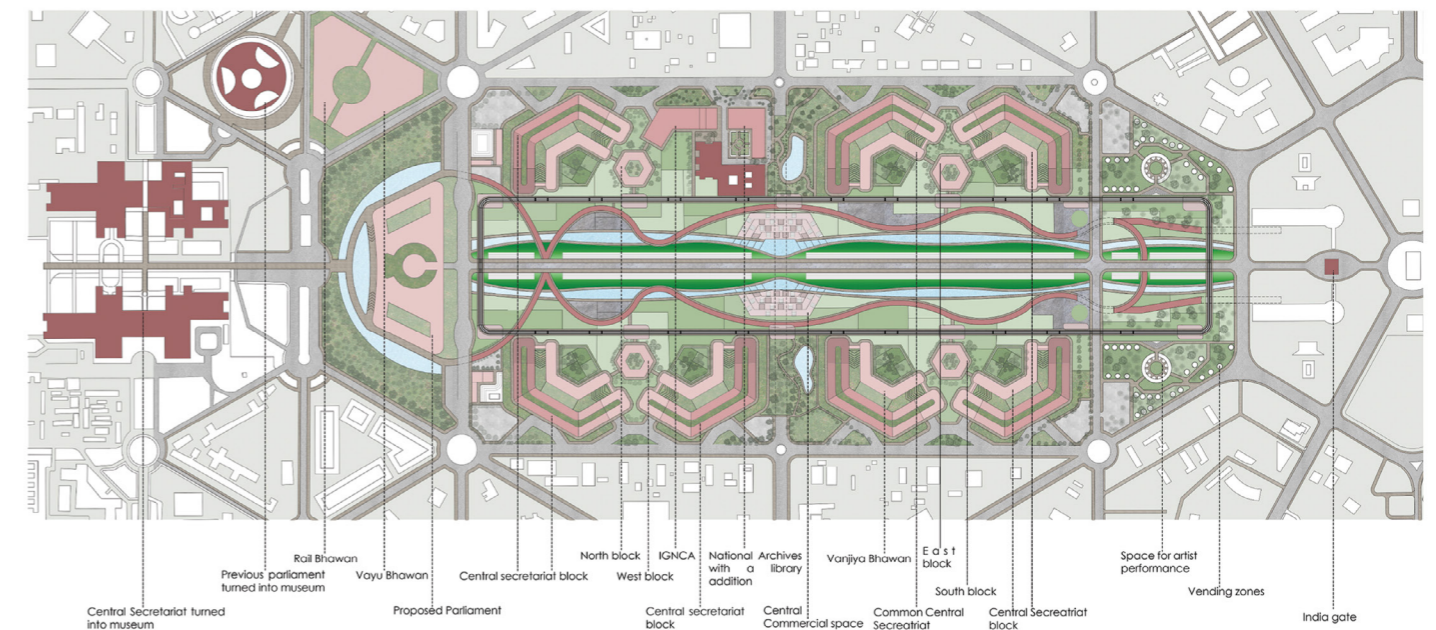
- Practical Training

## B.ARCH 8th SEMESTER

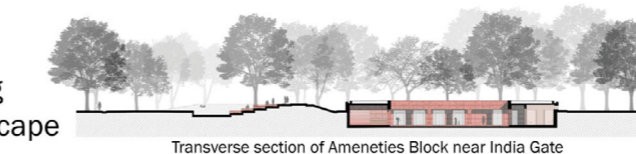
- Understanding design as a process of problem identification, space standards, formulation of requirements, evolution of design criteria and development of design of buildings in urban context, phasing and development.

- Understanding relationship of buildings amongst themselves and with a given environment.

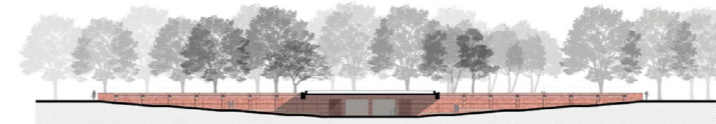
- Architectural Dissertation



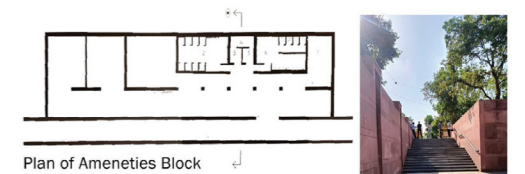
Existing Streetscape



Transverse section of Amenities Block near India Gate



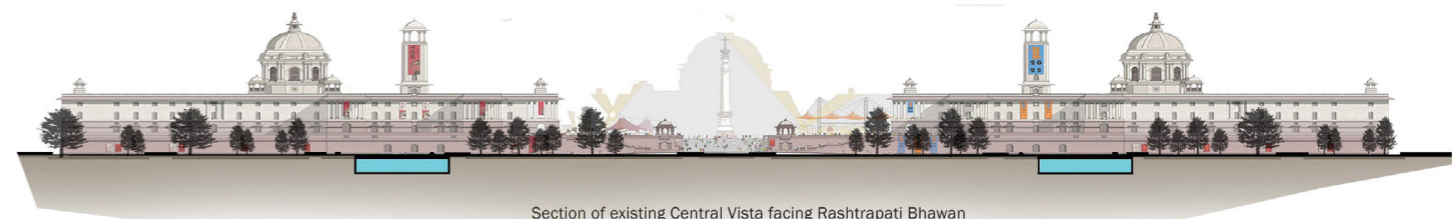
Longitudinal Section of Amenities Block near India Gate



Plan of Amenities Block



Section of existing Amenities Block



Section of existing Central Vista facing Rashtrapati Bhawan

## VISUALIZING DEMOCRACY

India being one of the largest democracy, represents the power civilians have. The vision for the central vista was to create the chronology of the democratic country and to represent the most important institutional area as an area for the citizens of this country. The vision is to show the power India holds as a country and to represent how citizens are an integral part of that power. It stands by the idea that it is the citizens who uplifts the leaders to serve the country either working in ministries or by sacrificing as soldiers. The design will represent interconnection and the progress of these three departments.

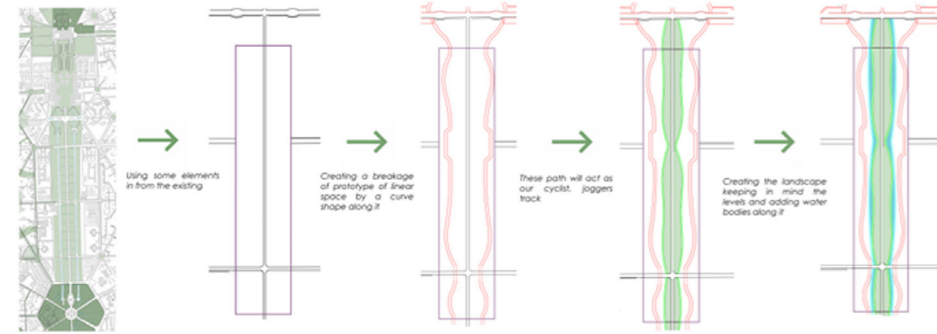
It shows an idea to revitalize the whole site and to make the whole site active. The site will provide different angles to view the existing heritage. The idea is to show three pillars of democracy. The symmetry and linearity of the site will be maintained.

## FOLLOWING THE CHRONOLOGY

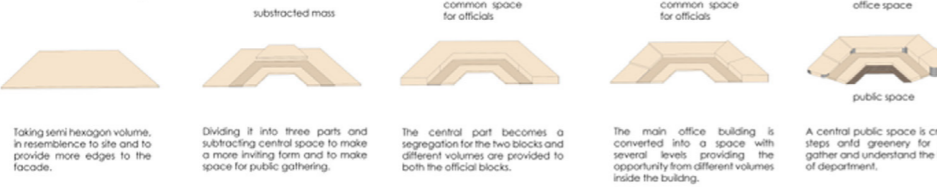


The visualization of the chronology for the current scenario of democracy represents people as the root for the country. The people are the one who uplifts some to serve the country by defining law and discipline and the people are the one who sacrifice themselves for the nation. So the basic layout was to align the four main spaces in a single line.

## Evolution of Central Space



## Evolution of building



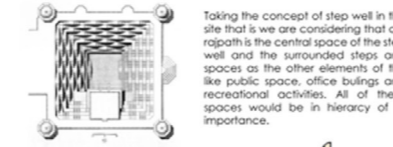
Ananya Bansal, Ashish Thakur, Aryan, Himanshu Tiwari

17 05 2023

## Concept development

Reviving the indian context in the site as the central vista was developed in the era of british government which is the form of colonial architecture that is linking the indian context.

## LINKAGE TO THE INDIAN CONTEXT



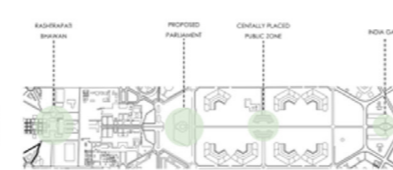
## INTRODUCTION OF THE INDIA TO THE INDIAN

We the people of India is losing the contextual touch from our architecture, culture and heritage. This loss of touch is due to less awareness. As the site is the central vista our design concept is incorporating this unique buildings which are for public and to the public. This space is merged with office buildings and are centrally placed to it this make that space very important.

## STEPWELL EVOLUTION

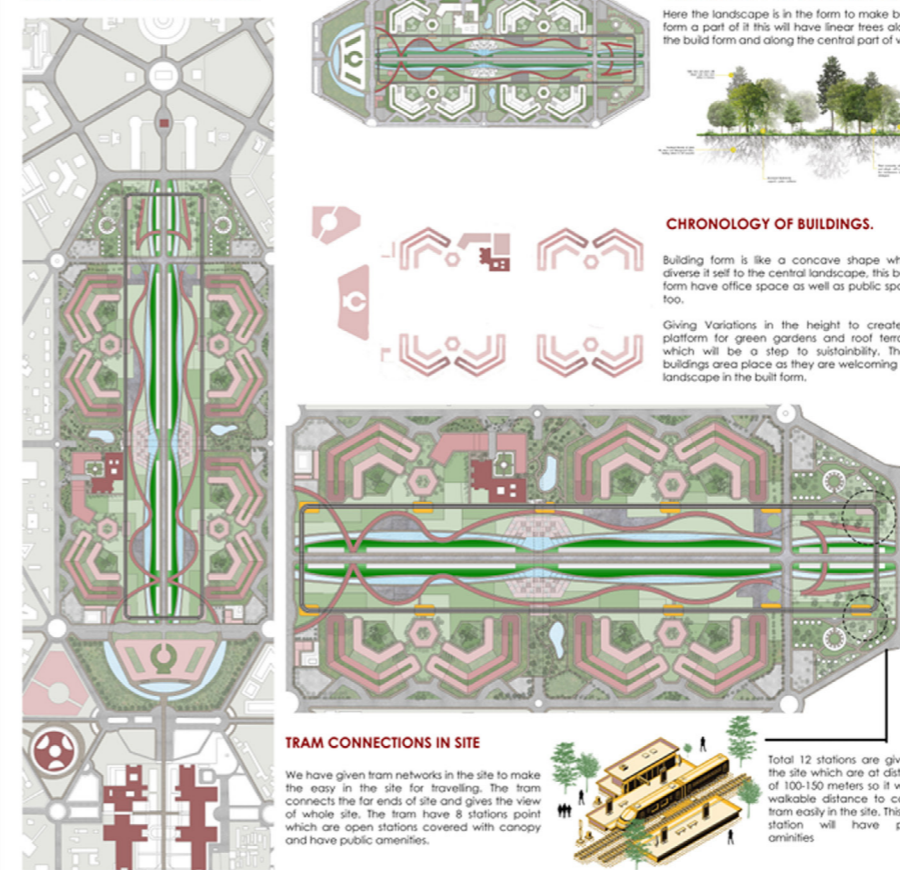


## ZONING



CENTRAL VISTA REDEVELOPMENT  
URBAN DESIGN RAR801

## THE URBAN STRUCTURES



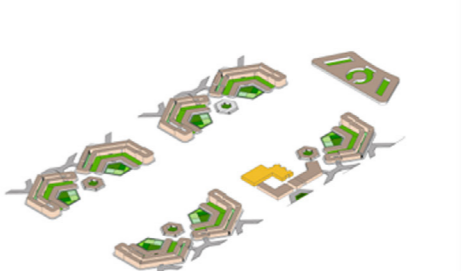
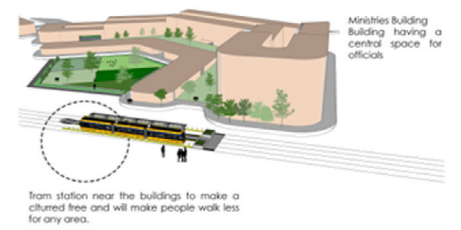
## CHRONOLOGY OF GREEN SPACES

Here the landscape is in the form to make build form a part of it this will have linear trees along the build form and along the central part of vista.

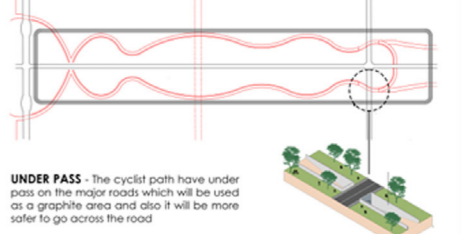
## CHRONOLOGY OF BUILDINGS.

Building form is like a concave shape which diverse it self to the central landscape, this build form have office space as well as public space too.

Giving Variations in the height to create a platform for green gardens and roof terrace which will be a step to sustainability. These buildings area place as they are welcoming the landscape in the built form.



**CYCLIST ZONE** - We have dedicated a separate cycle track which will act as jogger as well as pedestrian. There are many resting points given along the tracks. These tracks can be used for marathon, cycle race.

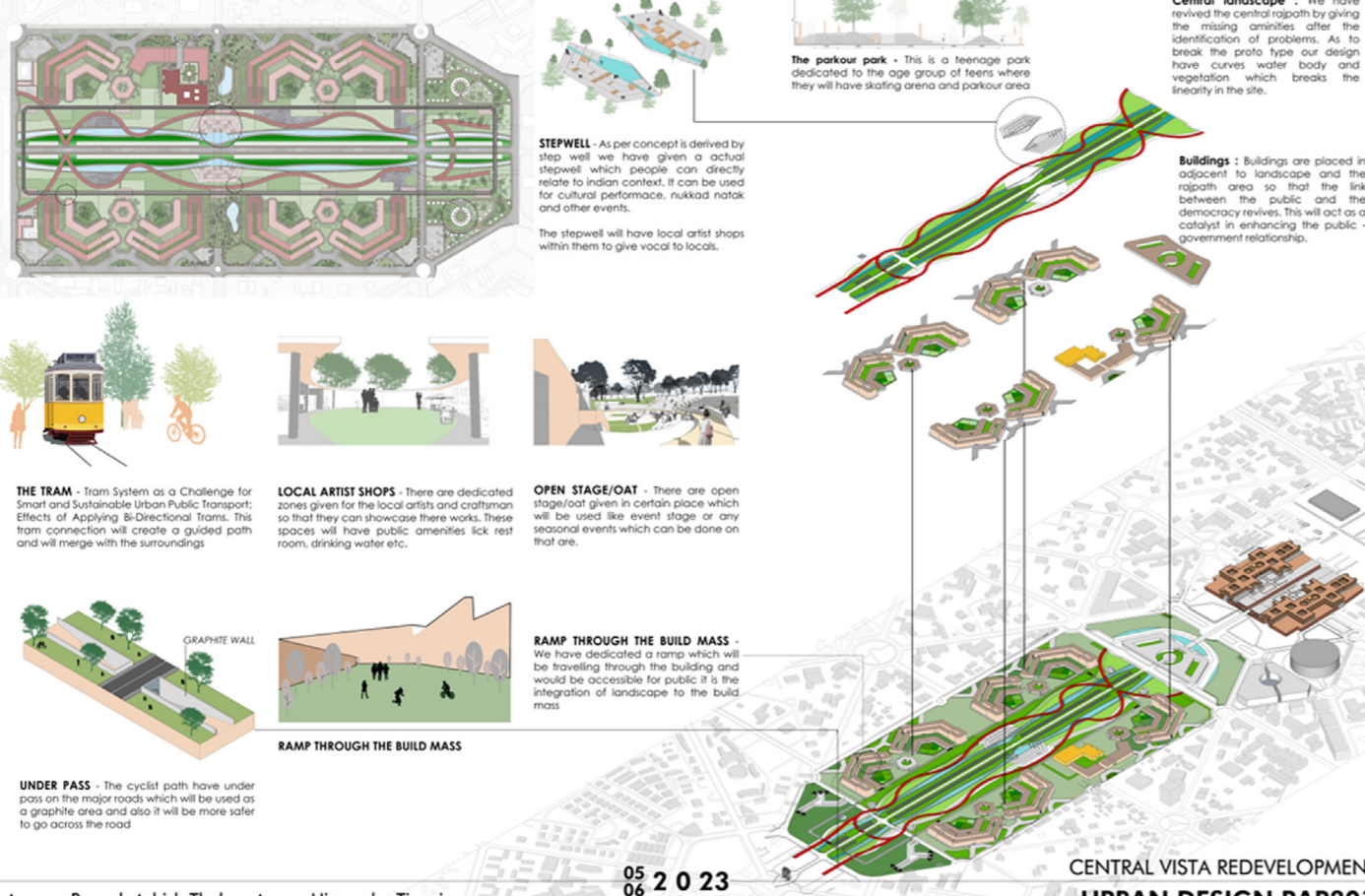


CENTRAL VISTA REDEVELOPMENT  
URBAN DESIGN RAR801

Ananya Bansal, Ashish Thakur, Aryan, Himanshu Tiwari

05 06 2023

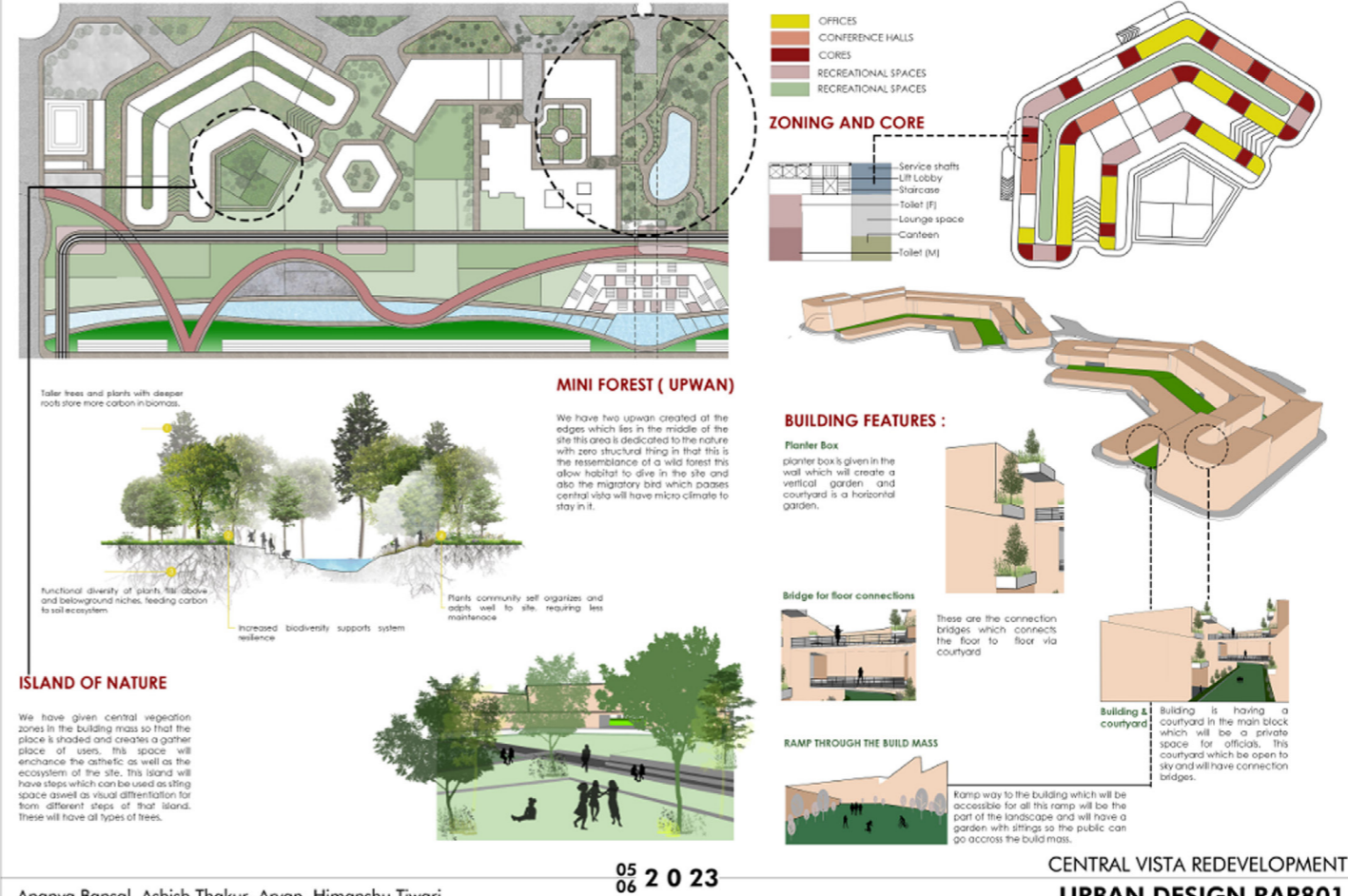
## URBAN ACITIVITY



Ananya Bansal, Ashish Thakur, Aryan, Himanshu Tiwari

05 06 2023

CENTRAL VISTA REDEVELOPMENT  
URBAN DESIGN RAR801

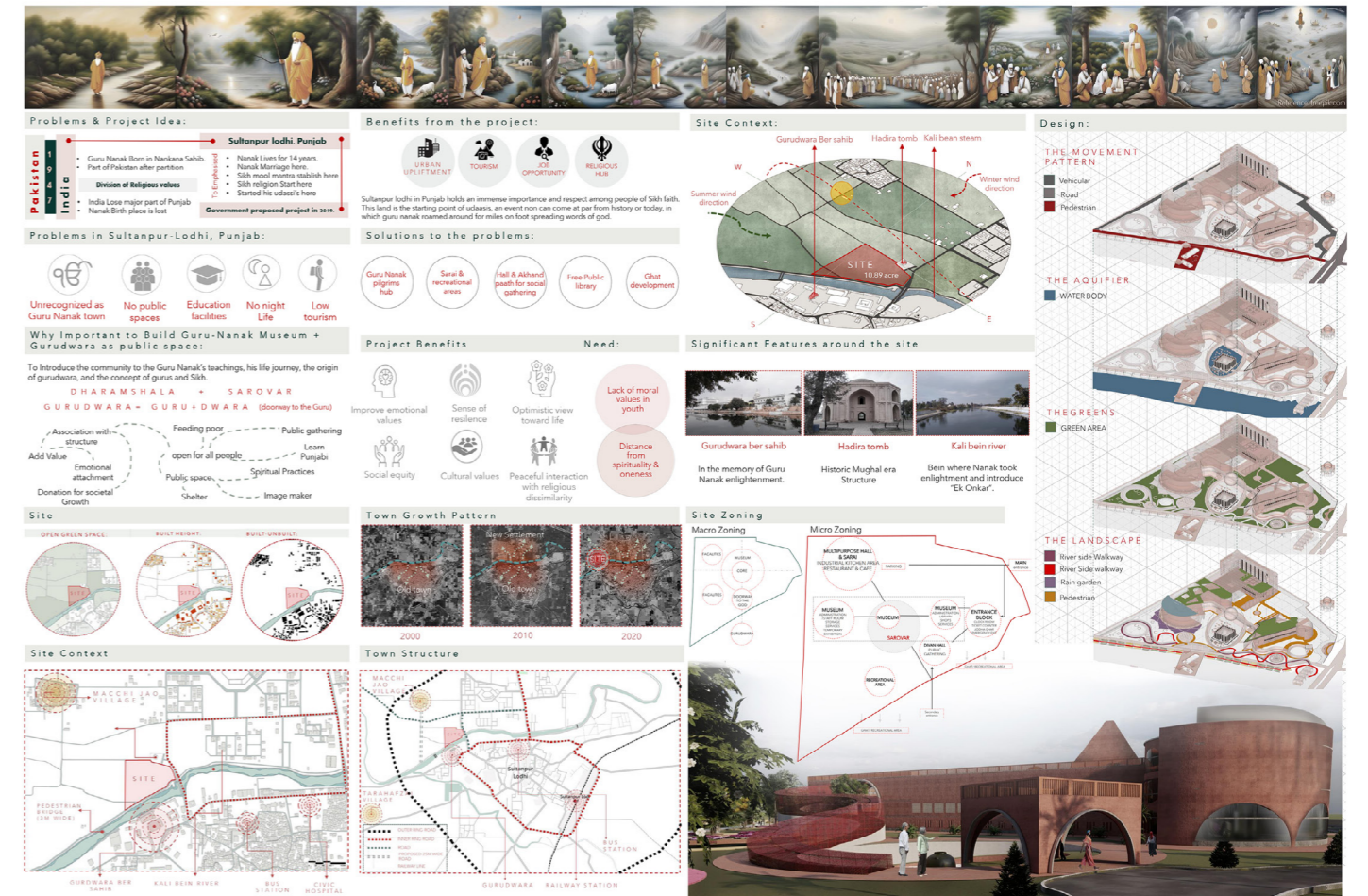


Ananya Bansal, Ashish Thakur, Aryan, Himanshu Tiwari

05 06 2023

CENTRAL VISTA REDEVELOPMENT  
URBAN DESIGN RAR801

# B.ARCH 5th YEAR SELECTED WORKS



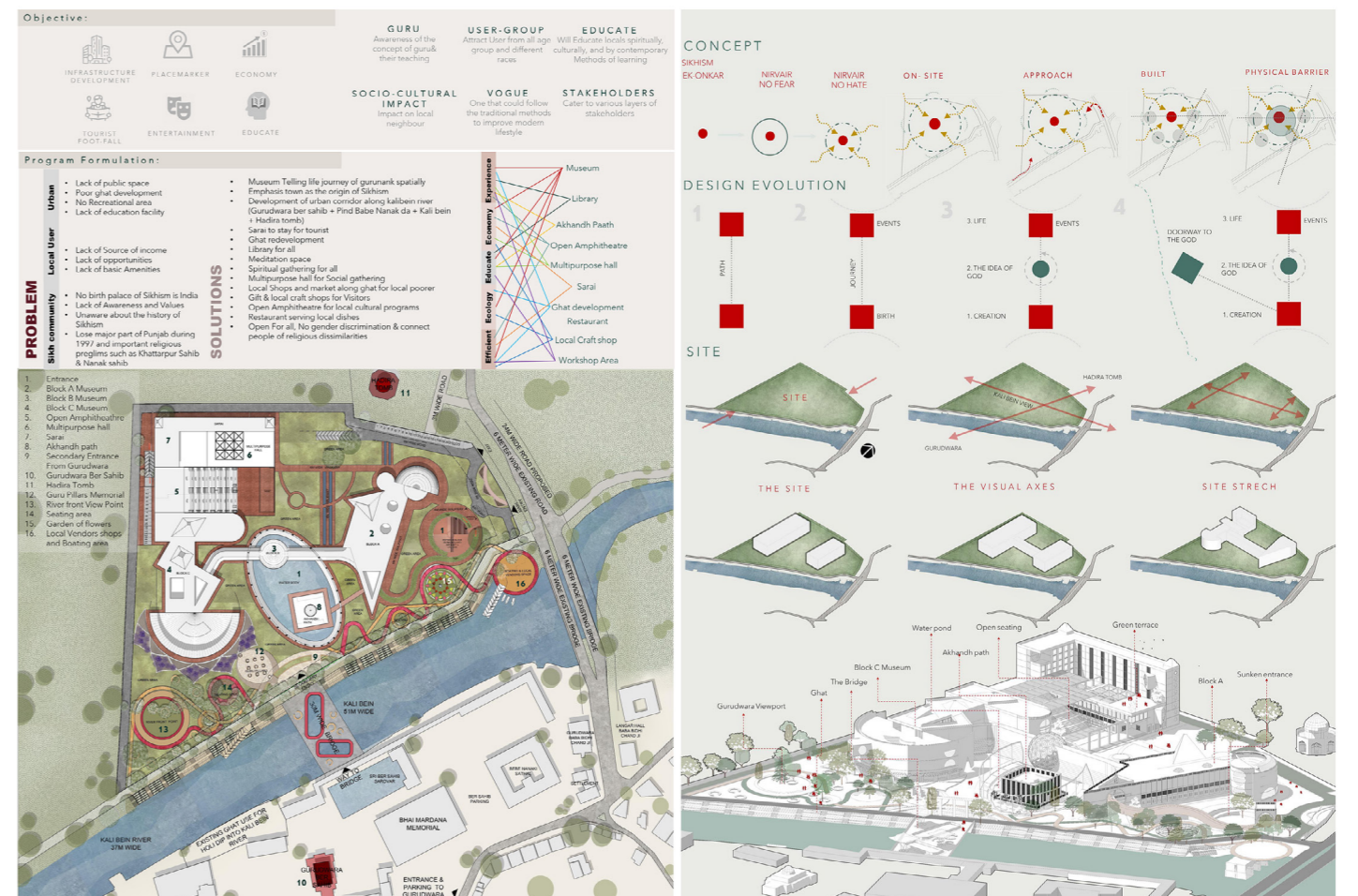
Pind Babe Nanak da, Sultanpur Lodhi, Punjab: Gurudwara Extension for Urban Upliftment & Museum of Guru Nanak Ji

## B.ARCH 9th SEMESTER

- This Design Studio attempts to foster an understanding required to handle large scale building projects like campuses and multi-utility building complexes.  
 - To familiarize students in preparation of simple landscape proposals.  
 - Introduction to architectural thesis

## B.ARCH 10th SEMESTER

- Architectural Thesis



Pind Babe Nanak da, Sultanpur Lodhi, Punjab: Gurudwara Extension for Urban Upliftment & Museum of Guru Nanak Ji



## Placement Cell

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### MEDIA

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# TRAINING AND PLACEMENT CELL 2023-2024

Availability for joining 1st August, 2024

