

## AARAMBH 2021-22'

'Aarambh' was scheduled on 8<sup>th</sup> Jan 2022, which is a culmination of the orientation program where the parents of the newly admitted first year students were introduced with the field of Architecture and the scope and prospects of the same. Students and Parents were also introduced with the Marathwada Mitramandal's college of Architecture, Code of conduct, Academic and conduct of the same, Examination systems etc.



**Felicitation of the chief Guest**



**Interaction with the parents**

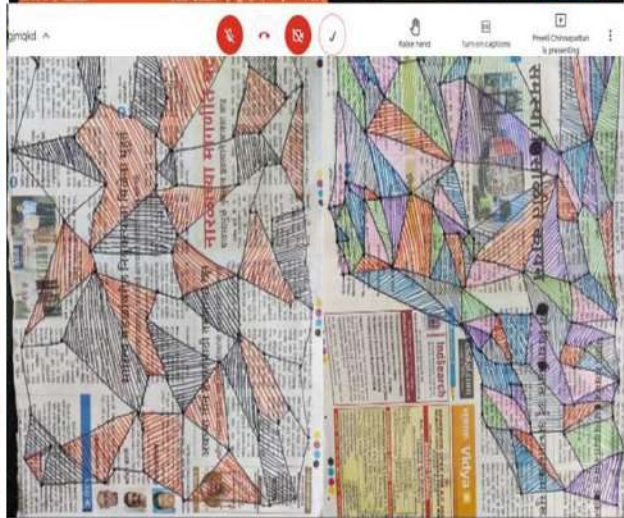
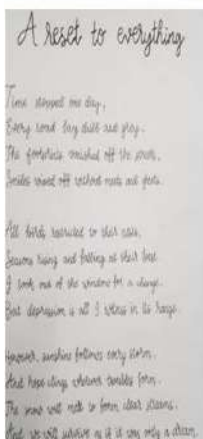
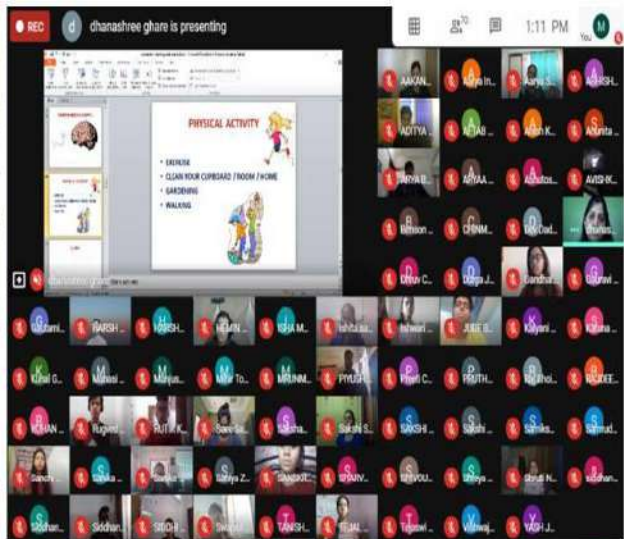


Aarambh 2021-22  
was conducted in an  
online mode



**Aarambh 2021-22**





## AARAMBH 2020 – 21 Orientation and Induction Program

Openness is the essence of design. A receptive mind is a sponge soaking new ideas and ready to collaborate - creating a new synergy. Architecture, being a new concept in their life, a proper Orientation is needed. They need to be receptive enough to take and acknowledge new ideas. Thus, the following has been proposed:

**In house Orientation Program: 15th January, 2021 - 25th January, 2021**

**Multi-disciplinary Induction Program: 1st February, 2021 - 5th February, 2021**

**Induction Program with Parents: 6th February, 2021**



**Lectures with support of digital aids**



**One-on-one interaction between the faculty and a student in a studio**





**Students present their work of case studies in a presentation format individually or in a group for other students and the teachers.**



**Site visit arranged for students to gain on site practical experience.**



**Design juries where a student's explain their design to all the faculty members**



**Subject specific films and videos are shown to the students.**





**Practicals on the field for the subjects like Surveying & Levelling, by taking instruments out in the field and making and documenting observations.**



**Subject specific learning , knowledge about our own heritage happens by visiting outside resources**





**Group discussions are encouraged before and during creative exercises.**

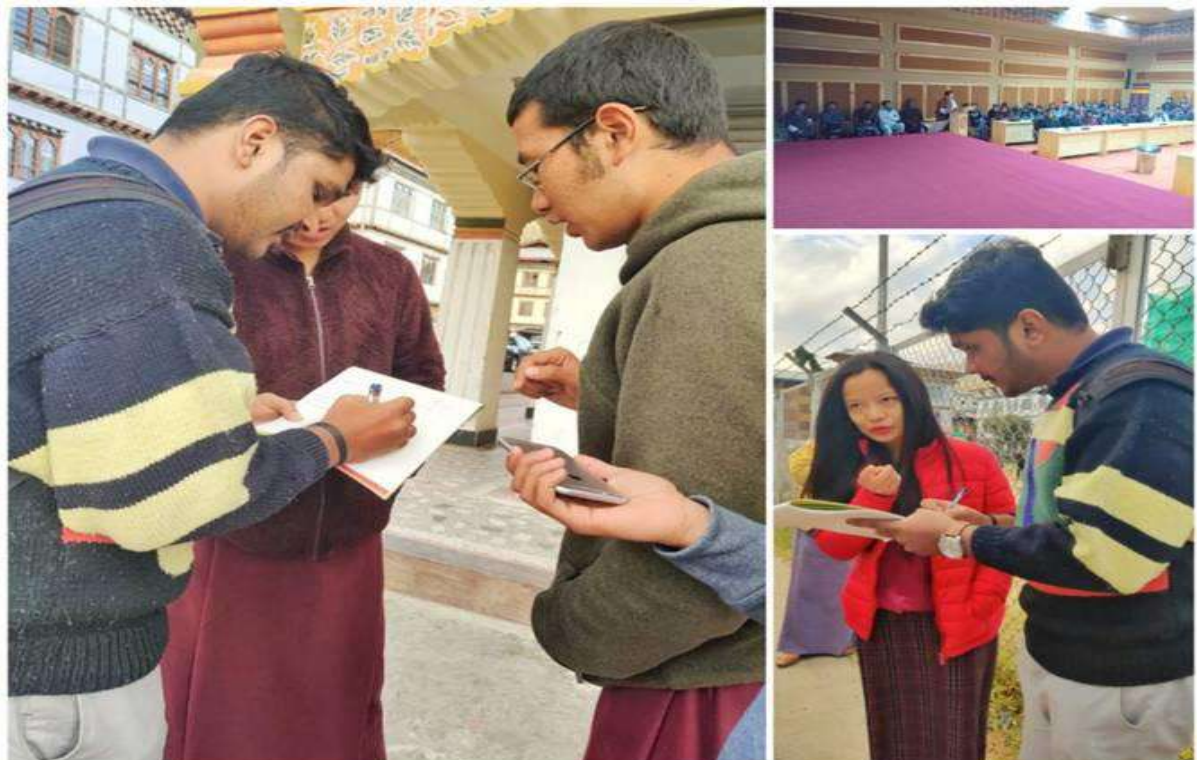


**Seminar format is adopted for teaching.**





**Learning through observation and documentation during study tours**



**Interview format is adopted to learn from practicing architects and professionals, and also to gather knowledge from the villagers during the settlement studies during study tours.**





**Learning from printed resources takes place in the library where the students are allowed to sit in to refer the books or borrow them for detailed reading**



**Computer lab is used for online learning, software use and making presentations.**





**Hands-on workshops help students to get practical knowledge of a particular skill**



**Hands-on workshops for students**





**MARATHWADA MITRA MANDAL'S COLLEGE OF ARCHITECTURE  
DECCAN, PUNE**

**FINAL YEAR ARCHITECTURAL DESIGN PROJECT (THESIS)  
ON**

**MARKET IN REGIONAL CENTRE AT SASWAD URBAN GROWTH CENTRE,  
PUNE**

**BY**

**ABHISHEK MOTE**

**(FINAL YEAR B. ARCH. 2021-22)**

**UNDER THE GUIDENCE OF**

**PROF. JYOTI JAIN THOLIYA**



**बाजार पेठ** : Market in Regional Centre at  
Saswad Urban Growth Centre, Pune

P r o j e c t   B a s e

S i t e   L o c a t i o n

C o n t e x t   D o c u m e n t a t i o n

A n t e c e d e n t   S t u d i e s

M a s t e r   P l a n

D e s i g n   D e v e l o p m e n t

D r a w i n g s   a n d   V i s u a l i z a t i o n s



- o Project Base
- o Site Location
- o Context Documentation
- o Antecedent Studies
- o Master Plan
- o Design Development
- o Drawings and Visualizations

- 1. Cluster A
- 2. Cluster 2A
- 3. Cluster 2B
- 4. Cluster 3A
- 5. Cluster 3B
- 6. District Court
- 7. Multi – Modal Hub
- 8. Government Offices
- 9. Corporate Office Towers
- 10. Hotel Buildings
- 11. Health Care Centre
- 12. Sports Centre
- 13. Education Centre
- 14. Multi – Purpose Ground
- 15. Bank and Post Office
- 16. Multiplex
- 17. Community Centre
- 18. Cultural Centre
- 19. Cab Stand
- 20. Rickshaw Stand



0 50 100 200



M A S T E R P L A N

बाजार पेठ : Market in Regional Centre at Saswad Urban Growth Centre, Pune

Abhishek Vidyadhar Mote M.M.C.O.A. PUNE Guide - Prof. Jyoti Jain Tholiya





## CLUSTER 1

Type 1 Shops – 18 units

**72 sq.m.**

Type 2 Shops – 28 units

**395 sq.m.**

Type 3 Shops – 7 units

**315 sq.m.**

Café – 2 units

**80 sq.m.**

Toilets – 2 units

**132 sq.m.**

*Walls, Circulation and  
Common shop extensions –*  
**1670 sq.m.**

Total Area = **2945 sq.m.**

- ① Hawker Zone
- ② Loading Unloading
- ③ Bus Stop
- ④ 2 Wheeler Parking

RESTROOM

SHOPS

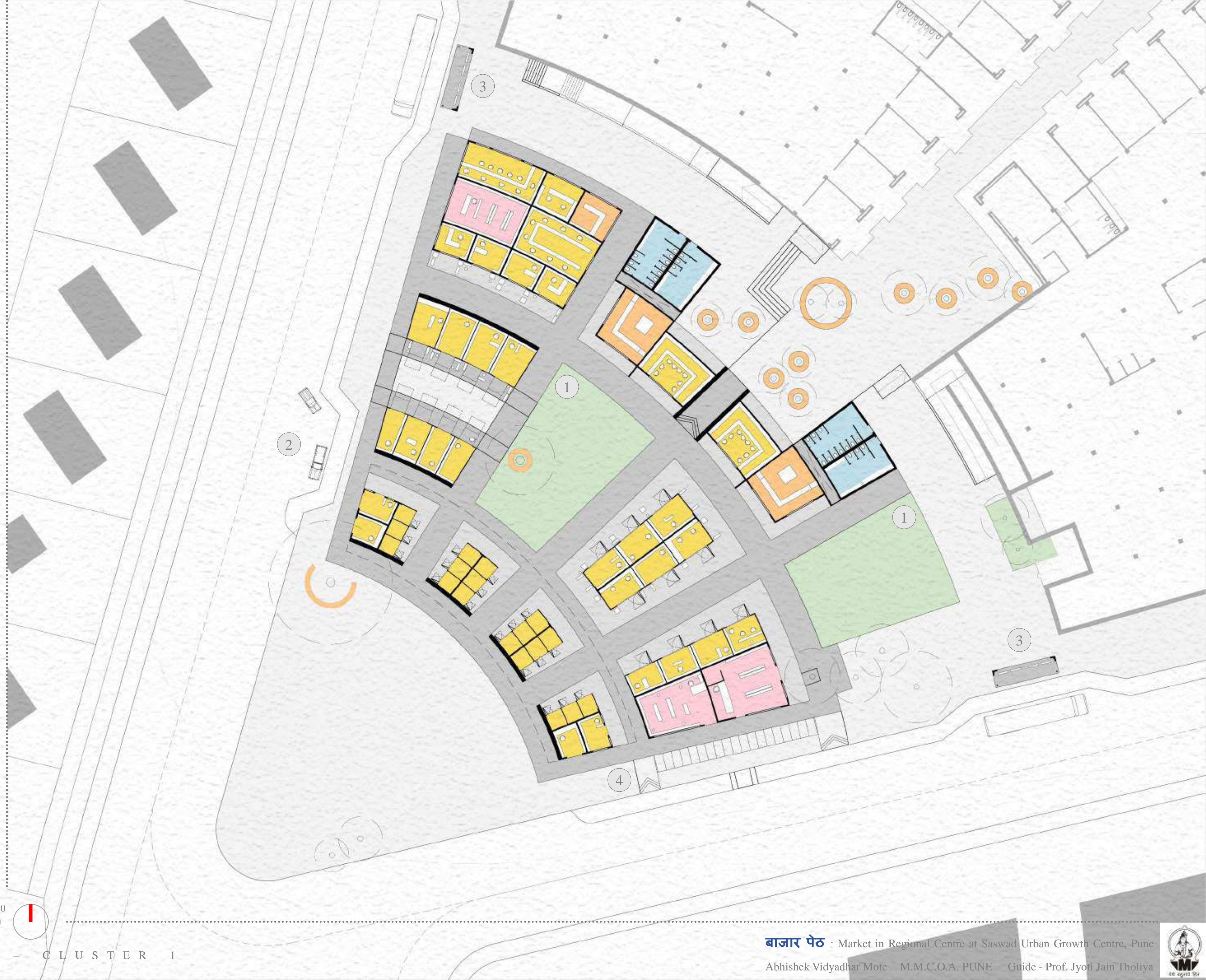
FOOD

MEDICAL /  
SUPERMARKET

0 5 10 20



FLOOR PLAN – CLUSTER 1



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VIEW OF HAWKER ZONE FROM VILLAGE SIDE ENTRANCE

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FLOOR PLAN – CLUSTER 2 : UPPER LEVEL at 3.5 m

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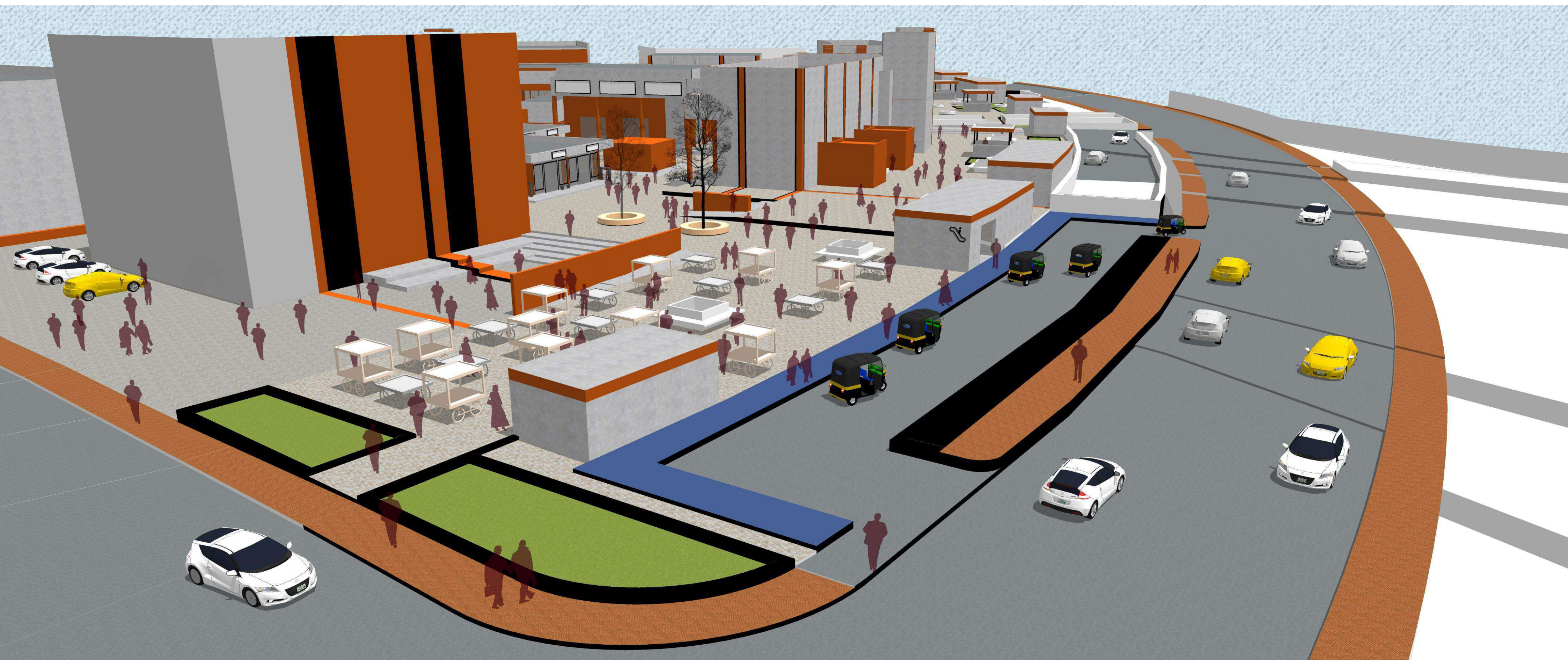




FLOOR PLAN – CLUSTER 3B : UPPER LEVEL at 3.5 m











**MARATHWADA MITRAMANDAL COLLEGE OF ARCHITECTURE, PUNE**

**FINAL YEAR ARCHITECTURAL DESIGN PROJECT (THESIS)**

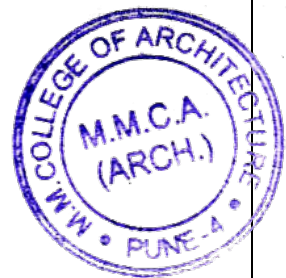
**ON**

**INNOVATION CENTER at Mumbai**

**BY**

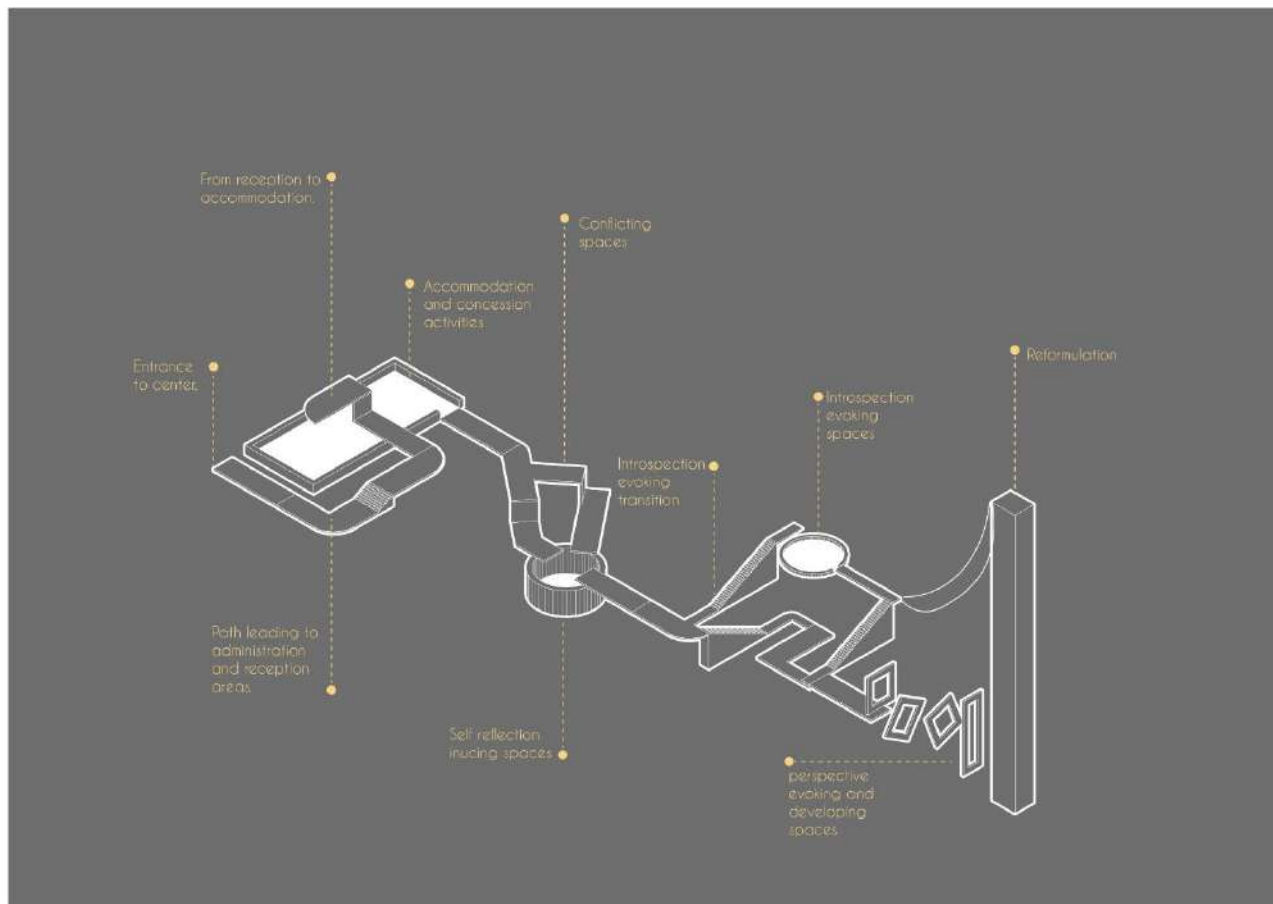
**Tilak Tanay Abhiram**  
(FINAL YEAR B.ARCH. 2020-2021)

**UNDER THE GUIDANCE OF**  
**Prof. Sunil Kulkarni**



**SAVITRIBAI PHULE PUNE UNIVERSITY**



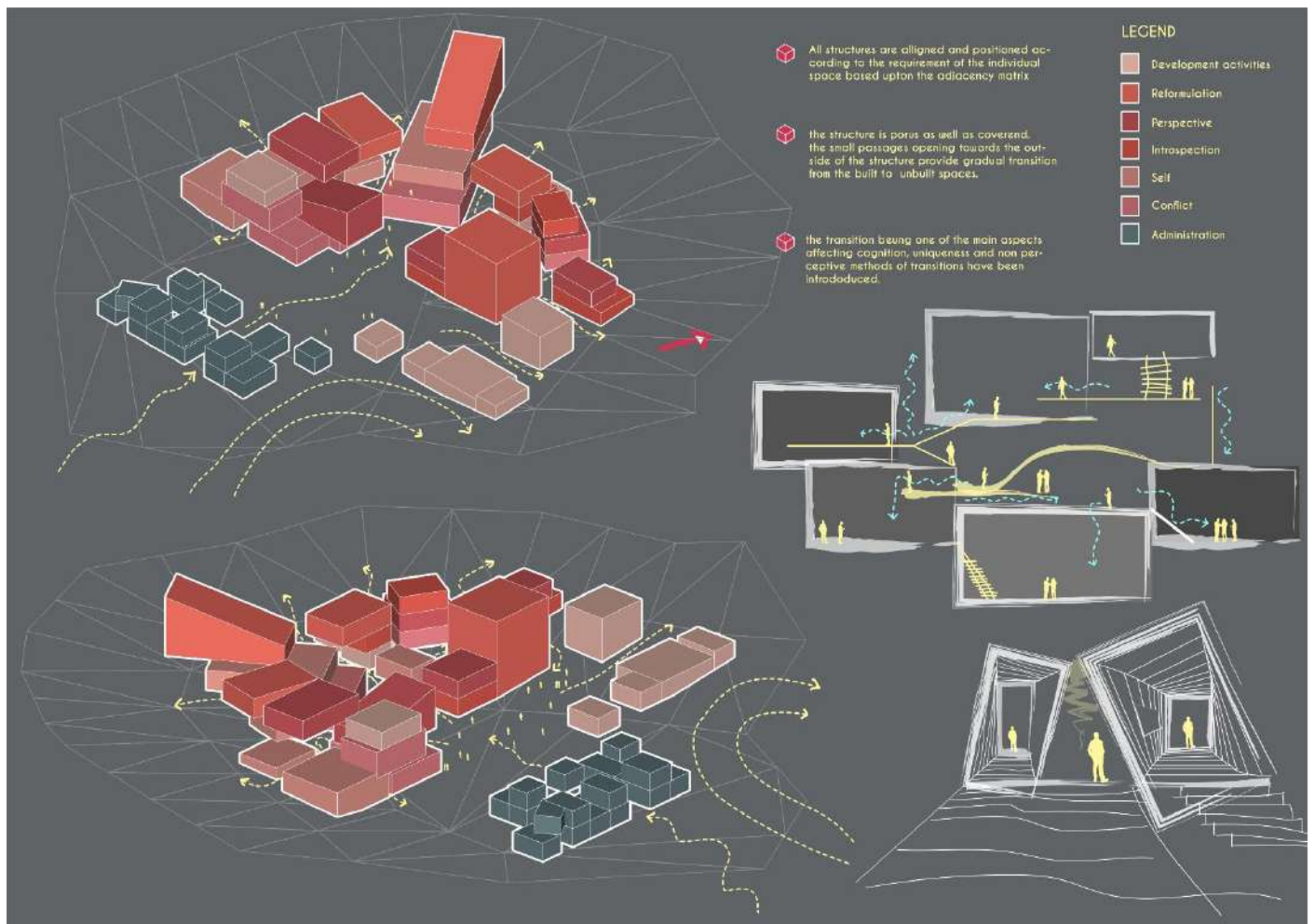


## PRILIMINARY ZONING SKETCH

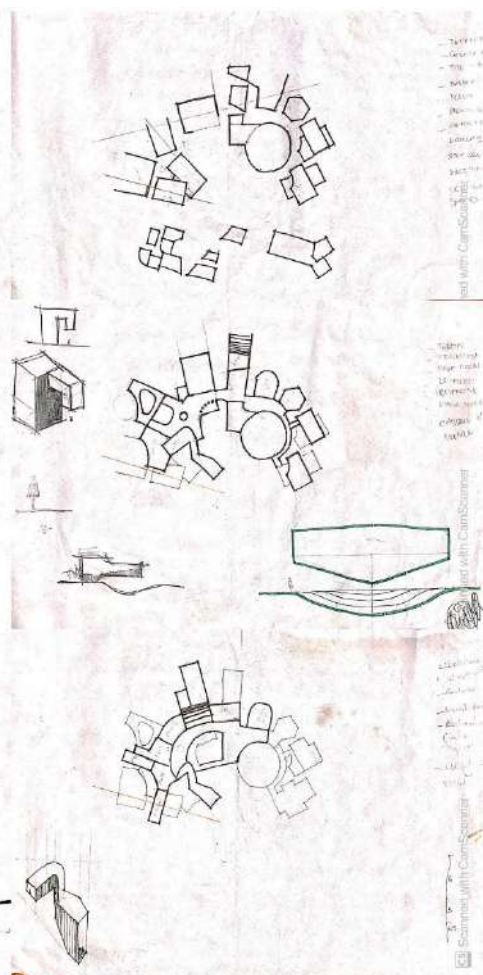
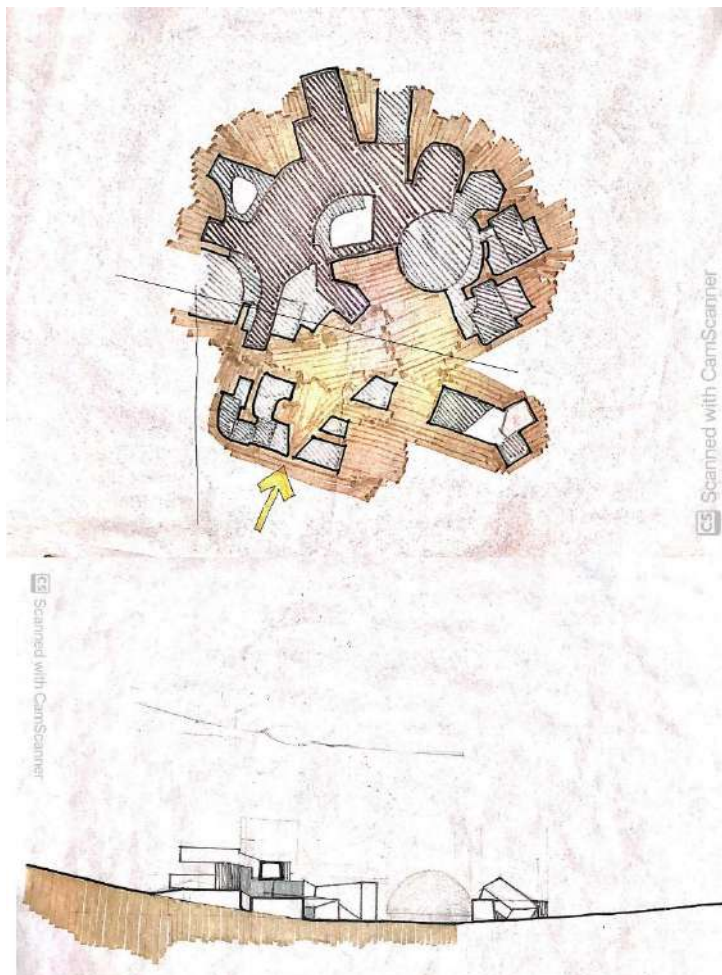
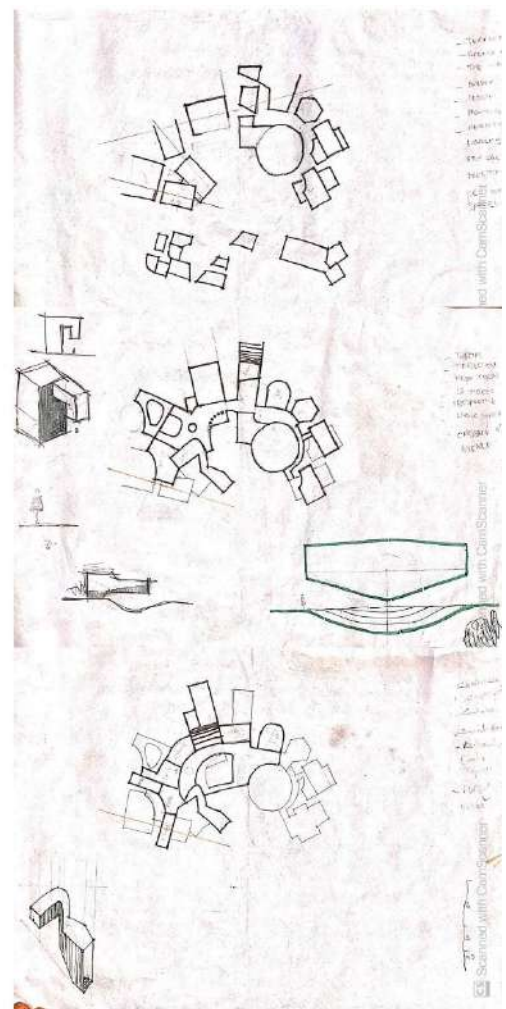
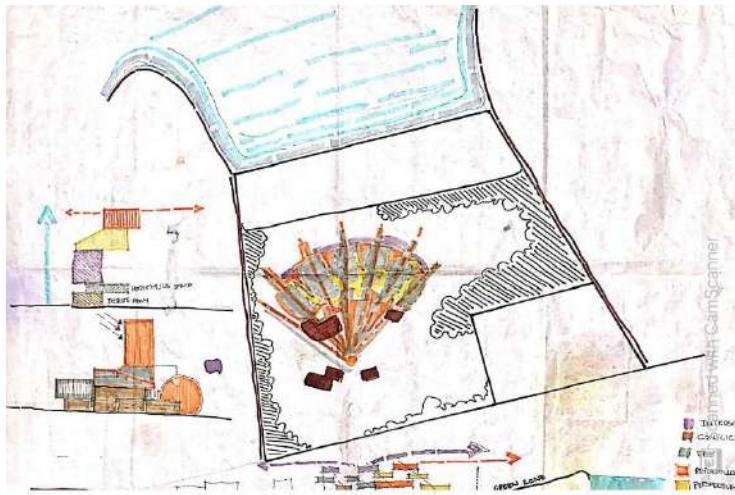
- Formation of smaller transition areas opening up into larger plazas.
- Formation of quadrangles.
- Using western side of site for activities related to bodily intelligence.
- Administration and storage area located on the southern part of the site near the 8m access road.
- Amenity space provided at the south-western part of the site.
- Northern part of the site having taller structures acquiring desired effect from vistas and views overlooking lake.



SPACE MATRIX				ASPECTS				LEGENDS		
SPACES				HEIGHT (m)	DAYLIGHT	SOUND	LOCATION	VIEW & VISTAS	PUBLIC ACCESS	EXCEPTIONS
ADMINISTRATION AREAS				4.5	NS	NS	NEAR ENTRANCE	NS	Y	NS
DEBATE ROOM				4.5	NS	Y	NEAR GROUND	NS	Y	NS
GRAND CHESS ROOM				5.0	Y	N	GATHERING SPACE	NS	N	MULTIFUNCTIONAL
BUILDER - WRECKER				5.0	Y	N	NS	Y	N	NS
HEIRARCHICAL HETERARCHIAL				4.5	NS	N	NS	Y	N	NS
MAZE ROOM				5.0	N	Y	ISOLATION	N	N	DESIGNED IN LEVELS
EXPRESSION SPACE				4.0	Y	Y	NS	NS	N	NS
PERFORMANCE SPACE				4.0	Y	Y	NS	NS	N	NS
THEATRE				7.0	N	Y	NEAR GROUND	N	Y	NS
REFLECTION CHAMBER				4.5	Y	Y	ISOLATION	Y	N	MULTIFUNCTIONAL
THE WALL SPACE				5.0	Y	Y	NS	NS	N	ILLUSION OF HEIGHT
PAINTING SPACE				4.5	NS	N	NS	Y	N	NS
THE CONDUCTOR				5.0	N	N	AT HIGHER LEVEL	NS	N	NS
MUSICAL MEDITATION				4.5	NS	Y	ISOLATION	NS	N	NS
CHAMBER OF SILENCE				5.0	N	Y	ISOLATION	N	N	NS
LABOUR SPACE				4.5	NS	N	PARTIAL OUTDOOR	Y	NA	NS
CHAMBER OF LIGHT & SHADOW				5.0	Y	NS	GATHERING SPACE	Y	N	DAYLIGHT CAPTURE
ABSTRACT ROOM				5.0	NS	N	NS	NS	N	NS
PERSPECTIVE SPACE				4.5	Y	Y	NS	NS	N	NS
THE MEMORY VAULT				3.5	N	N	NS	NS	N	NS
HALL OF VOICES				4.5	NS	Y	AT HIGHER LEVEL	NS	N	BLOCKING OF VISION
LIGHT MODULATION				6.5	Y	N	AT HIGHER LEVEL	Y	N	DAYLIGHT CAPTURE
THE CANVAS SPACE				5.0	NS	N	NS	NS	N	NS
REVERSAL ROOM				5.0	Y	N	AT HIGHER LEVEL	Y	N	VIEWS FROM ALL SIDES
CREATOR'S SQUARE				6.0	Y	N	CENTRAL SPACE	NS	Y	CENTRE OF STRUCTURE
THE GRAND TERRARIUM				8.0	Y	N	GROUND LEVEL	NS	Y	MODULAR PLATES





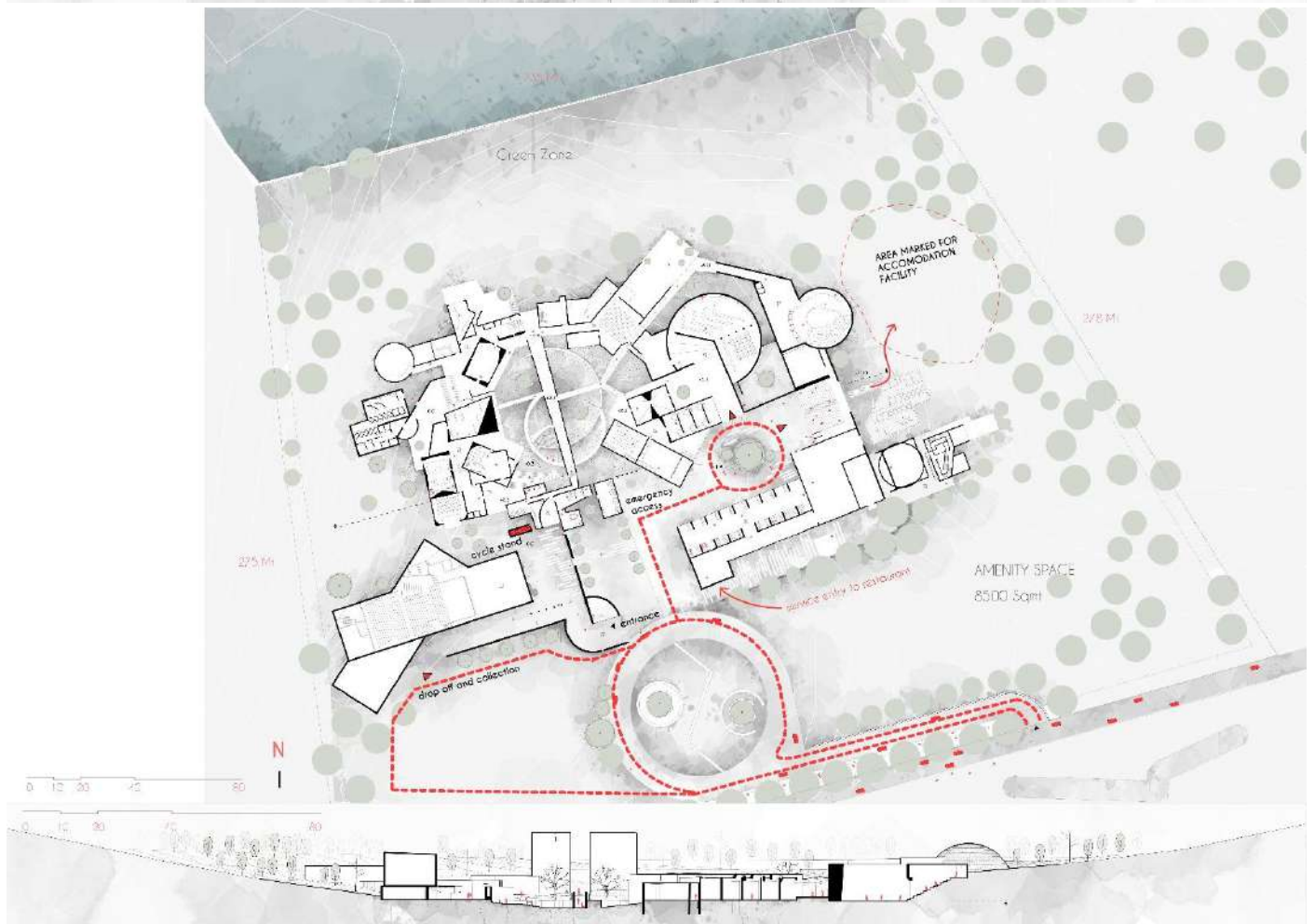
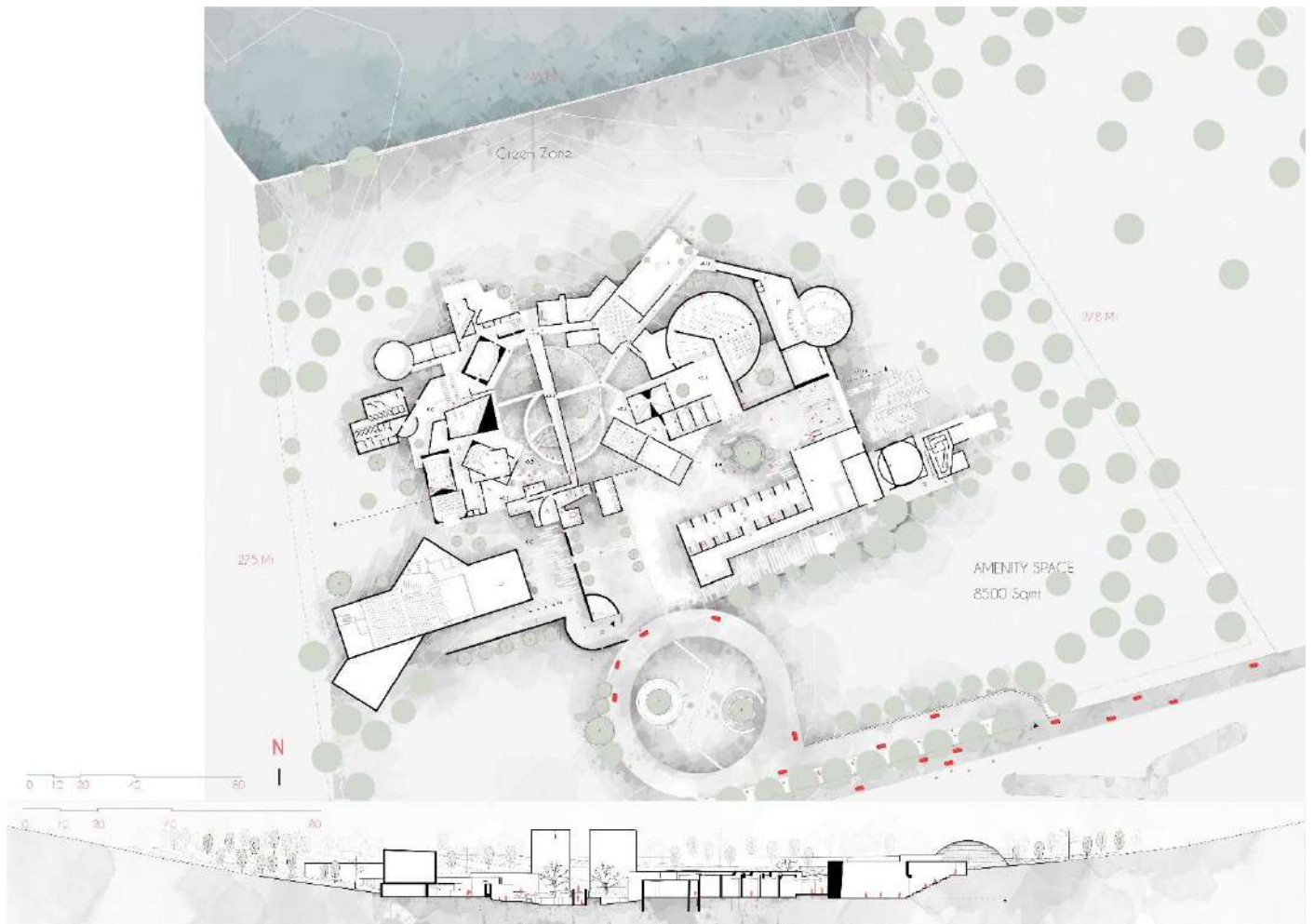






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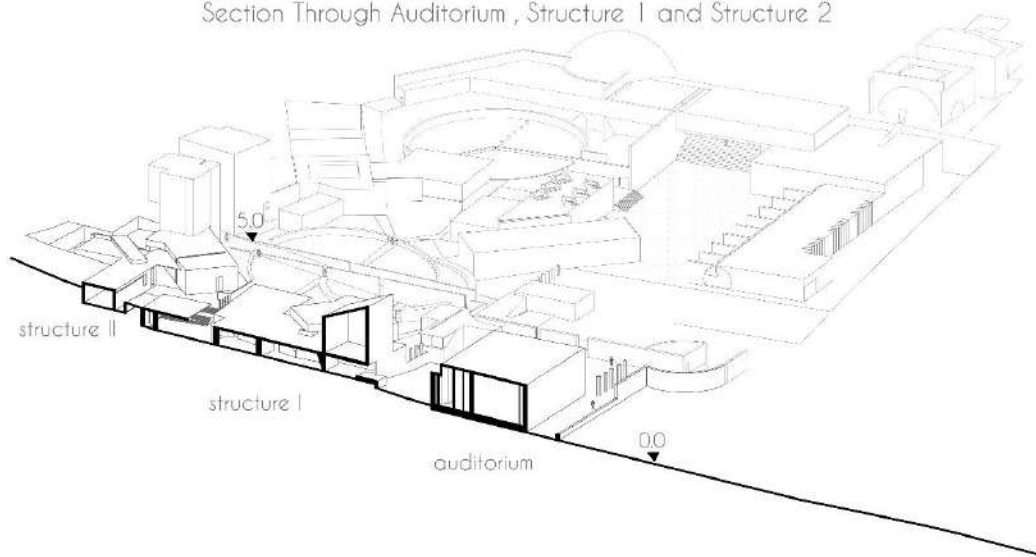




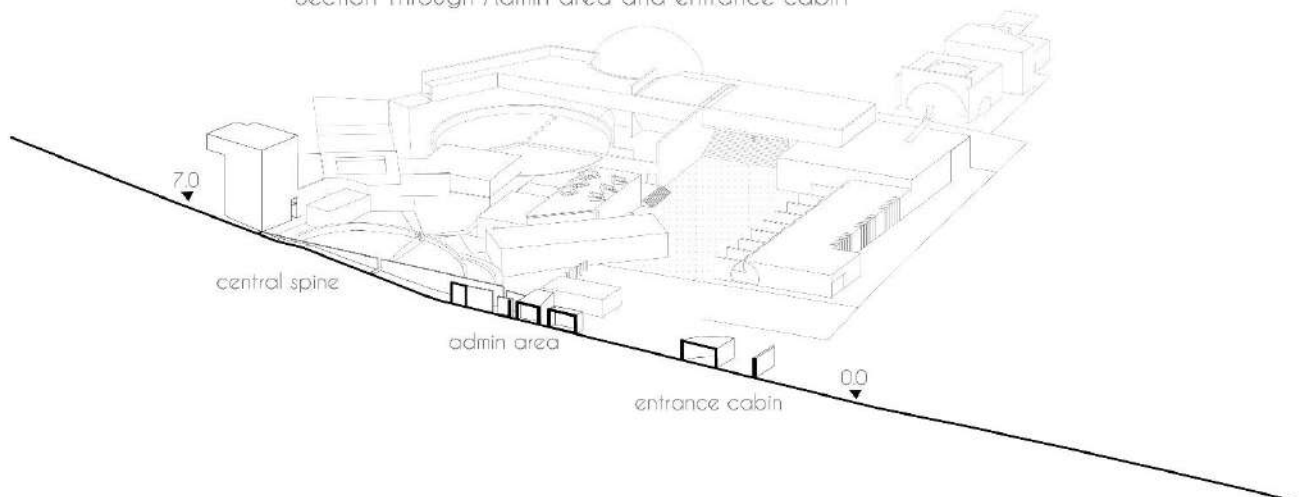


## SITE SECTIONS

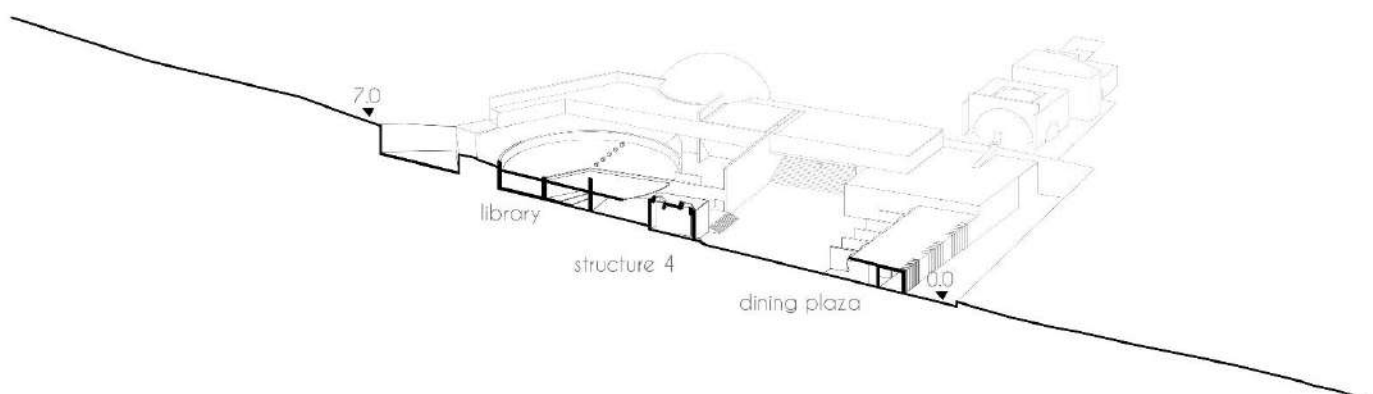
Section Through Auditorium, Structure 1 and Structure 2



Section Through Admin area and entrance cabin



Section Through Dining plaza, structure 4 and library



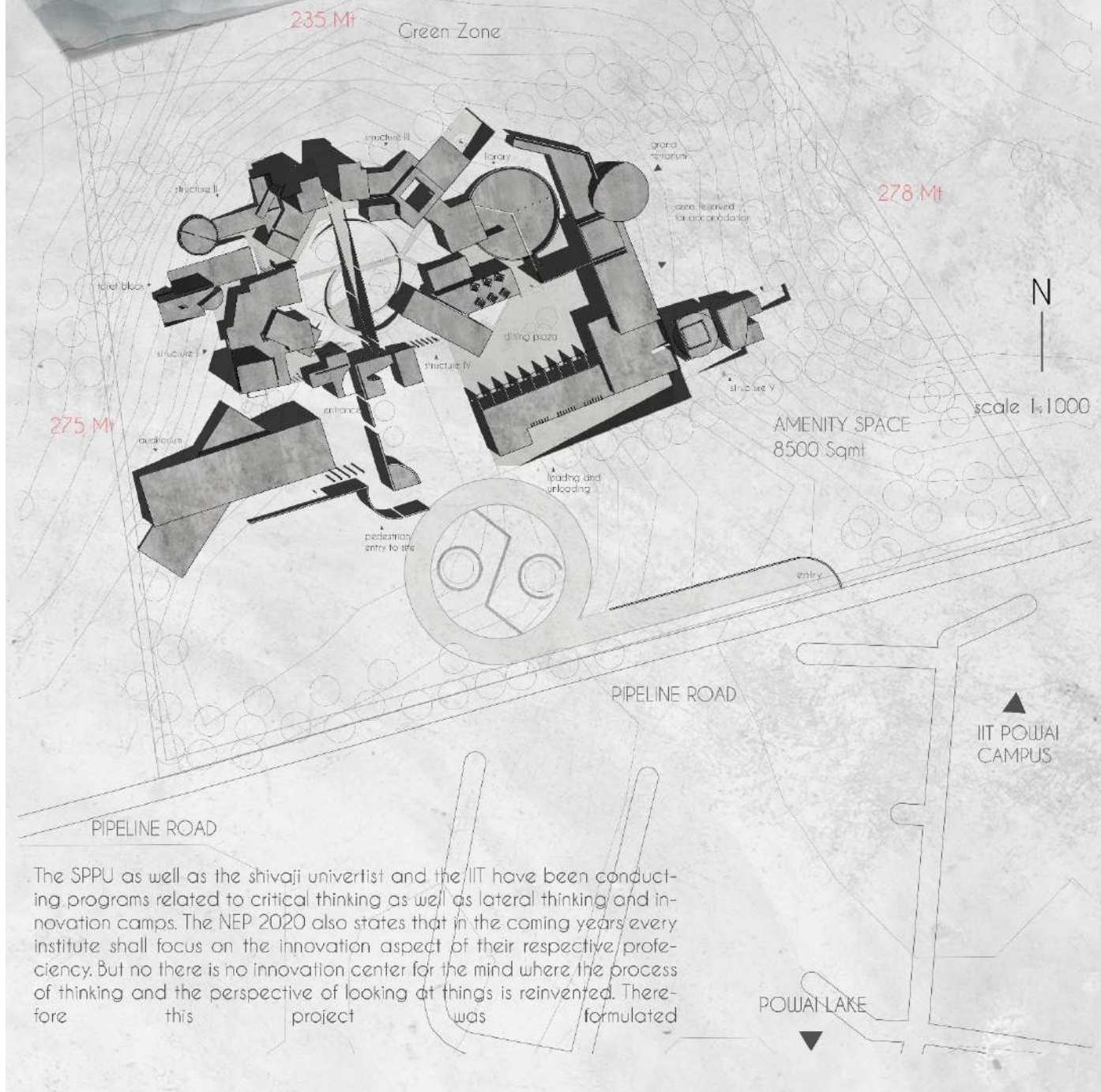


## ROOF PLAN

VIHAR  
LAKE

To establish this innovation center as a major stream which it was necessary for it to gain the required attention, the IIT being one of the major platforms in our country, the project was designed inside the IIT Powai campus in Mumbai.

The Campus is situated to the northern side of the IIT campus and just below Vihar lake adjacent to the pipeline road.



The SPPU as well as the Shivaji University and the IIT have been conducting programs related to critical thinking as well as lateral thinking and innovation camps. The NEP 2020 also states that in the coming years every institute shall focus on the innovation aspect of their respective proficiency. But there is no innovation center for the mind where the process of thinking and the perspective of looking at things is reinvented. Therefore this project was formulated



## TRANSITION DIAGRAM

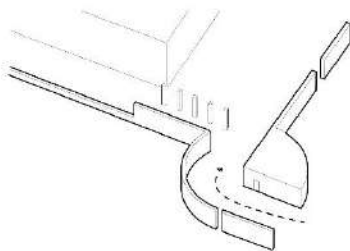


a security and administration booth is situated at the pedestrian entrance of the site. The pedestrian entry segregates into two paths, one leading to the admin area and the second one leading to the auditorium

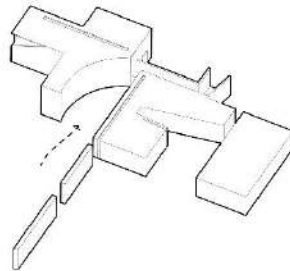
The main entrance to the campus is through the admin area, the geometry of the admin area hides the main entrance up to the point of arrival, the view of the central spine suddenly opens up as one enters the campus.

the central spine opens up as one enters the structure. The central spine leads to the highest point on the site and it frames the triality. The elements being the sky, the earth and the man made buildings acting as the frame

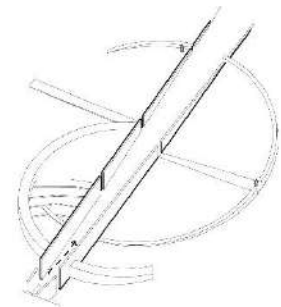
pedestrian entrance to the



entrance through admin area



central spine







- |  |  |   |   |
|--|--|---|---|
|  water tanks  |  electrical unit                            |  entry of wind into structure |  lifts |
|  water line |  wind flow into the site (venturi effect) |  artificial ventilation     |   |

