



MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ARCHITECTURE, RASAYANI
Pillai HOCL Educational Campus via Panvel, Dist. Raigad - 410207

Colleges that participated in the Collaborative studio :

1. Christ University- School of Architecture (Deemed to be Universty), Bengaluru
2. Indian Institute of Technology- Department of Architecture and Planning, Roorkee
3. Kalasalingam School of Architecture, (Deemed to be University), Virudhunagar
4. Madhav Institute of Technology and Science- Department of Architecture, Gwalior
5. Mahatma Education Society's Pillai's HOC College of Architecture, Raigad
6. Piloo-Mody College of Architecture, Cuttack
7. School of Planning & Architecture, New Delhi
8. SRM University- SAID, Kattankulathur
9. SRM -SEAD, Ramapuram
10. Reva University School of Architecture, Bengaluru





Collaborative studio : Collaborate & Design Hospitals with Martin Fiset

Attendance

Studio 1 : Date - 03/08/2021, Timing – 4.50pm to 7.10pm.

Sem 5 AD_2021-22

Question Student answers

Attendance 3rd Aug, 2021(Collab studio)

26 1
Turned in Assigned

Yes 26

RAGHONJOR DASGUPTA	ABHAY DAVAKHAR	RUCHIRA DESHMUKH	POOJA DHURI
PARSHI DODIA	SHRUTI HUMBE	JAYESH INDALE	NIKITA KAMPE
SHREEKANTH KUMBHAR	SIDDHESH LAD	MAYURI MHATRE	PIYUSHI MHATRE
CHIRIMAY NALAWADE	YASHI PATIL	PRITYAL POTPHODE	SARANYA PRAKASH A
Utkarsha Rantbor	PRITAM SABLE	SAKSHI SAKHARE	VINAJ SAPLE
MANSI SASE	SAHL SHANKH	RUNALI SHEWALE	SHREYASH SHINDE
ANSHI THAKUR	PRANAY THAKUR		

Studio 2 : Date - 13/08/2021, Timing – 4.50pm to 7.10pm.

Sem 5 AD_2021-22

Question Student answers

Attendance 13/08/2021 (Collab studio)

27 0
Turned in Assigned

Yes 27

RAGHONJOR DASGUPTA	ABHAY DAVAKHAR	RUCHIRA DESHMUKH	POOJA DHURI
PARSHI DODIA	SHRUTI HUMBE	JAYESH INDALE	NIKITA KAMPE
SHREEKANTH KUMBHAR	SIDDHESH LAD	MAYURI MHATRE	PIYUSHI MHATRE
CHIRIMAY NALAWADE	DARSHANA PANDARE	YASHI PATIL	PRITYAL POTPHODE
SARANYA PRAKASH A	Utkarsha Rantbor	PRITAM SABLE	SAKSHI SAKHARE
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Studio 5 : Date - 03/09/2021, Timing – 4.50pm to 7.10pm.

Sem 5 AD_ 2021 -22

Attendance 3/9/2021 (Collab studio)

Turned in	3	5	
Yes			

Studio 6 : Date - 17/09/2021, Timing – 4.50pm to 7.10pm.

Sem 5 AD_ 2021 -22

Attendance 17th Sep 2021 (Collab studio)

Turned in	25	2	
Yes			





Sample of students work

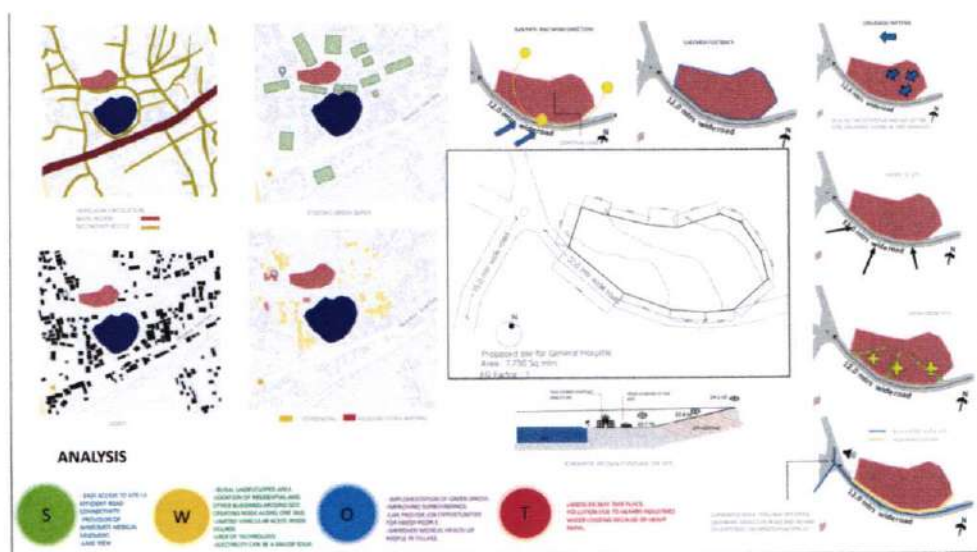
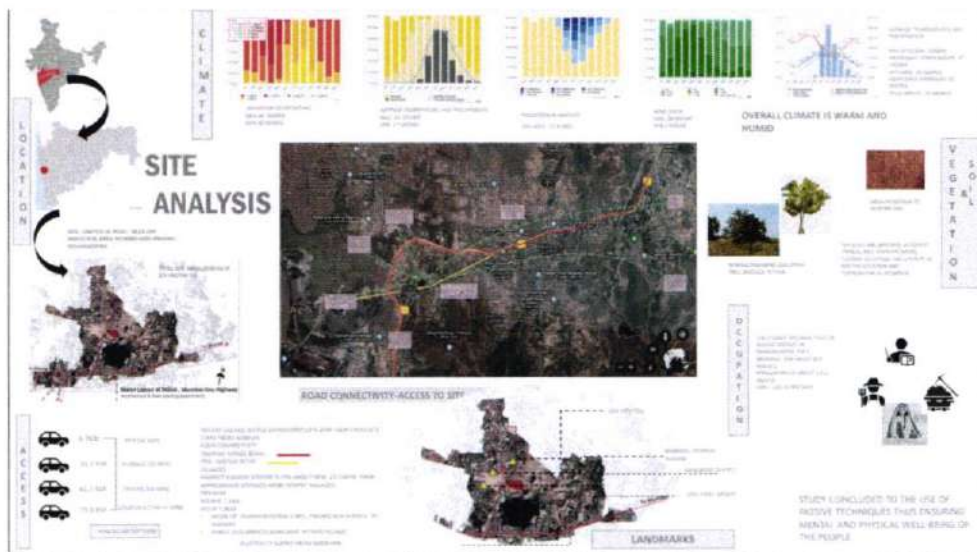
Collaborative studio : Collaborate & Design Hospitals with Martin Fiset

Student name : Paridhi Dodiya, Ruchira Deshmukh

Year : Third year B Arch

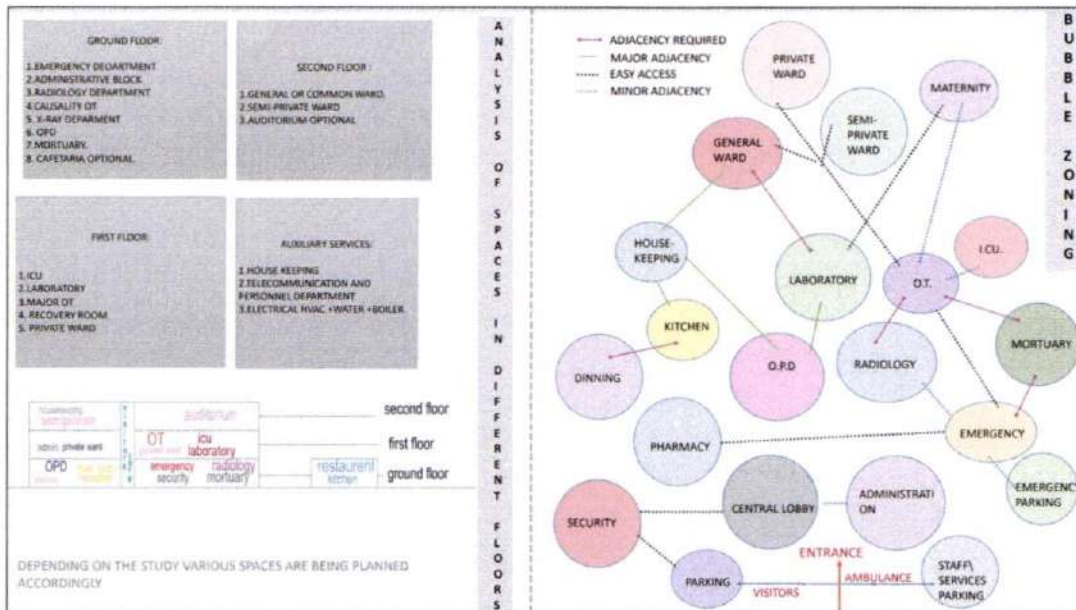
Semester : 5

Academic year : 2021-22





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WHAT IS HEALING ARCHITECTURE, OR HEALING ENVIRONMENT?

MODERN HOSPITAL + HERMITAGE = FUTURE HOSPITAL.

HERMITAGE

- 1. HONORED ARCHITECTURE
- 2. CONNECTION TO NATURE
- 3. SOCIAL STRUCTURE AND FUNCTION
- 4. SUSTAINABLE NATURE

ONE, OPTIMAL HEALING ENVIRONMENT.

WELLNESS, EFFICIENCY, SUSTAINABILITY

HERMITAGE

- 1. HONORED ARCHITECTURE
- 2. CONNECTION TO NATURE
- 3. SOCIAL STRUCTURE AND FUNCTION
- 4. SUSTAINABLE NATURE

WELLNESS
ACHIEVING BALANCE AND WHOLESOME IN BODY, MIND AND SPIRIT

EFFICIENCY
PROVIDING QUICK ACCESSIBLE CARE

SUSTAINABILITY
ENVIRONMENT FRIENDLY ARCHITECTURE

To connect nature by adding

- Daylight factor
- Interval courtyards accessible to wards
- Gardens which can be used by patients
- Nature window views
- Landscape characteristics
- Floor to ceiling windows
- Front porch
- Roof gardens/terraces
- Wide walkways providing buffers between hospital rooms and outdoor activities

MAXIMIZE VIEW TO SOUTH DIRECTION

MAIN FOCUS/DESIGN INTENTION

COURTYARD

The environment at the hospital must be pleasant to facilitate healing and improve health.

The architectural elements of a building which govern the health of patients directly via light, air, etc.

Design healthy environments and spaces that can reduce stress and anxiety levels and address issues related to patients' comfort.

OPEN SPACES - Positive effect of nature and exposure to the outdoors.

NATURAL LIGHT - sunlight to be pleasurable and calming

VENTILATION - Direct view of the external natural environment to their than a blank wall.

MATERIALS - Natural materials if used in such spaces have not only a healing benefit but also an ecological one.

CONCEPT AND FORM DEVELOPMENT

Emergency, Administration, Radiology, O.P.D., Cafeteria & Restaurant, Mortuary, Emergency Ward, Administration, Radiology, O.P.D., Cafeteria & Restaurant, Mortuary, Emergency Ward, Administration, Radiology, O.P.D., Cafeteria & Restaurant, Mortuary.

FLOOR PLANS

GROUND FLOOR PLAN

9 mtr WIDE ROAD

EMERGENCY WARD, ADMINISTRATION, RADIOLOGY, O.P.D., CAFETERIA & RESTAURANT, MORTUARY

EMERGENCY WARD, ADMINISTRATION, RADIOLOGY, O.P.D., CAFETERIA & RESTAURANT, MORTUARY





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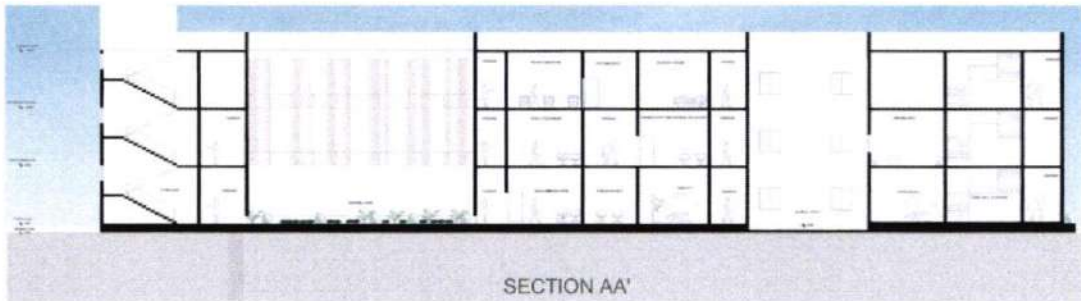
FIRST FLOOR PLAN

- KU
- LABORATORY
- OT
- GENERAL WARD
- CAFETERIA & RESTAURANT

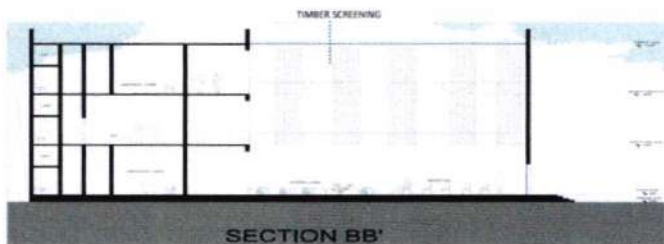


SECOND FLOOR PLAN

- MATERNITY WARD
- BLOOD BANK
- MULTIPURPOSE
- PRIVATE WARD



SECTION AA'



SECTION BB'



KEY PLAN



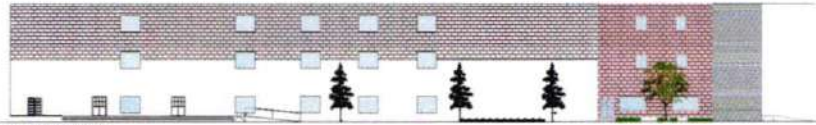


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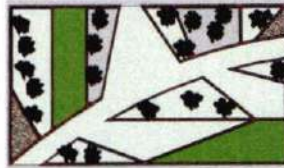


NORTH-WEST ELEVATION

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SOUTH-EAST ELEVATION



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DRAINAGE DETAIL



CONCRETE BOUNDARY PLAN

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