

---

# ARCHITECTURE PORTFOLIO

SHAHRABA KV





## SHAHRABA KV

### ABOUT ME...

*My name is Shahraba KV, I am a B.Arch graduand (2014-2019) from National Institute of Technology, Calicut.*

*I have been passionate about architecture ever since I realized the tremendous amount of power that is there in this field to help change lives. I am extremely enthusiastic about architecture and its wide spread possibilities.*

### PERSONAL INFORMATION

Date of Birth 23 December 1995  
Mobile Number +91 8606152553  
Email Id: shahrabasheri153@gmail.com  
Address: Kambila Valappil (H)  
Chamravattom (PO)  
Tirur, Malappuram Dist.  
Kerala ,676102

### EDUCATION

B-Arch (2014-2019)  
National Institute of Technology ,Calicut

12th -MMM HSS Kuttayi,  
Malappuram Dist.

10th -Fathima Matha HSS  
Tirur, Malappuram

### RECOGNITION/ PARTICIPATION

Senior Executive Adizya  
(Technical fest, Dept. of Architecture,  
NIT Calicut)

Laurie Baker Trophy  
Annual NASA Design Competition,  
2017

### EXPERIENCE

Internship 5 months at CDS Architects , Kochi

#### Type of projects done:

- Residences : KCC villa , Kottayam
- Hospitals : Medical college Ernakulam, Mercy Hospital Kottayam
- Commercial Complex building at MG road Kochi
- Interior works

### SOFTWARE SKILLS



● ● ● ● ● Auto cad



● ● ● ● ● Sketch Up



● ● ● ● ● Revit



● ● ● ● ● Photoshop



● ● ● ● ● V-Ray



● ● ● ● ● Lumion



● ● ● ● ● MS Office



● ● ● ● ● In Design

# CONTENTS

## ACADEMIC WORKS

Thesis project - Medical College Campus Wayanad

Multi Speciality Hospital

Eco Resort

Low Rise Apartment

## OTHER WORKS

Laurie Baker Trophy - NASA Competition entry

Other Works - Internship and Self projects



# 1 UNDER GRADUATE THESIS

## WAYANAD MEDICAL COLLEGE



### AIM

*Design a medical college that contains phases which combines learning through interaction.*

### WHY WAYANAD?

*Out of fourteen districts of Kerala, Wayanad is considered the least developed district. Many factors like topography, poor industrial growth and lack of high value business ventures have played key roles. This is also reflected in the health sector.*

*There were no medical colleges and only few hospitals with poor healthcare services existed in the District.*

*The population of Wayanad includes a large number of Tribals (36%), majority of whom fall below the poverty line (BPL).*

*The locals had to travel at least 100 km to Calicut medical college to avail even the basic treatment.*

SECTION THROUGH MAIN ROAD  
Average slope = 1:20

Pedestrian path  
Exit road  
Main entry  
Emergency road

ENTRANCE

Positioning buildings on the least sloped area, along the contours helps to minimize the cutting of the hilly site



- |                    |                |                  |                     |                        |
|--------------------|----------------|------------------|---------------------|------------------------|
| 1. Emergency block | 4. Power house | 7. Play ground   | 10. Gathering space | 13. Ladies hostel      |
| 2. Autopsy block   | 5. Co-op store | 8. College block | 11. Library         | 14. Staff quarters     |
| 3. Hospital block  | 6. Canteen     | 9. Auditorium    | 12. Gents Hostel    | 15. Faculty apartments |



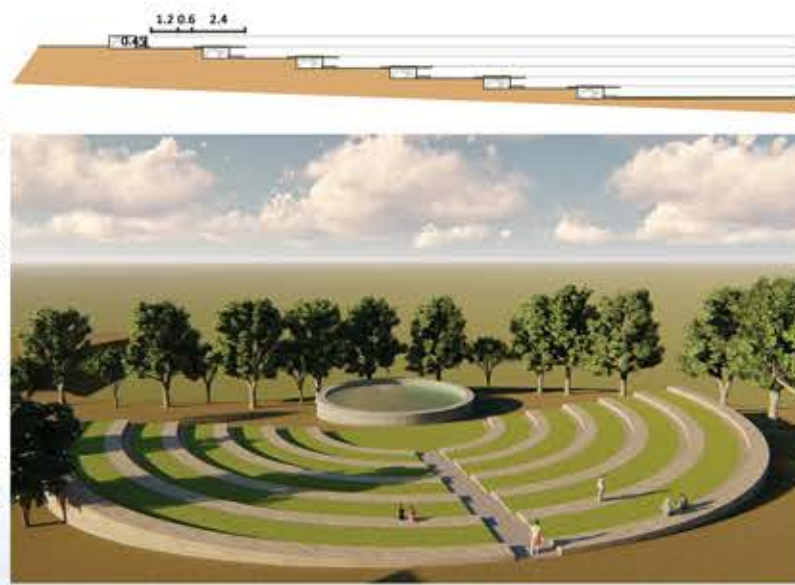
## ACCESS

The entrance is divided in to two EMERGENCY ENTRANCE, MAIN ENTRANCE AND EXIT to control the heavy traffic in to the site.

A straight road of 340m with 7m wide for each lane, run from the entrance parallel to the hospital and diverges in to the college and hostel.

Emergency road is of 178m length and is divided with a landscape divider with the main entrance.

Pedestrian path of 1.5m wide is running along the exit road from the entrance gate to the end of the straight road.

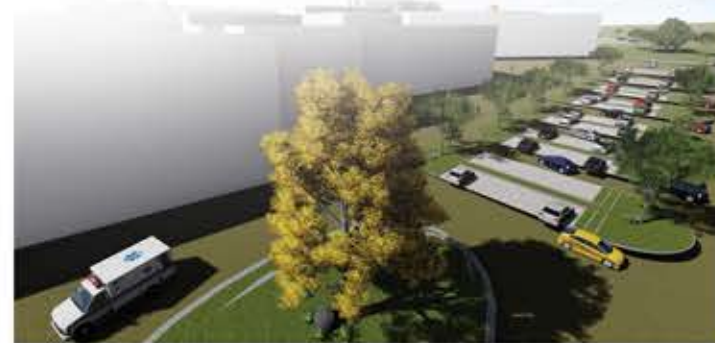


GATHERING SPACE

Open space for the students to sit and interact with each other and also with the nature

## PARKING PLOTS

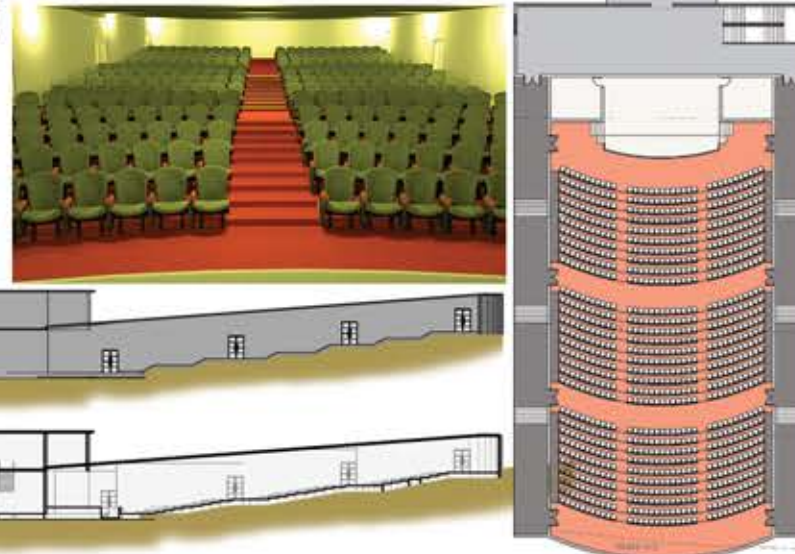
Parking plots arranged along with the contour along with landscape elements to improve the aesthetical appearance of the site.



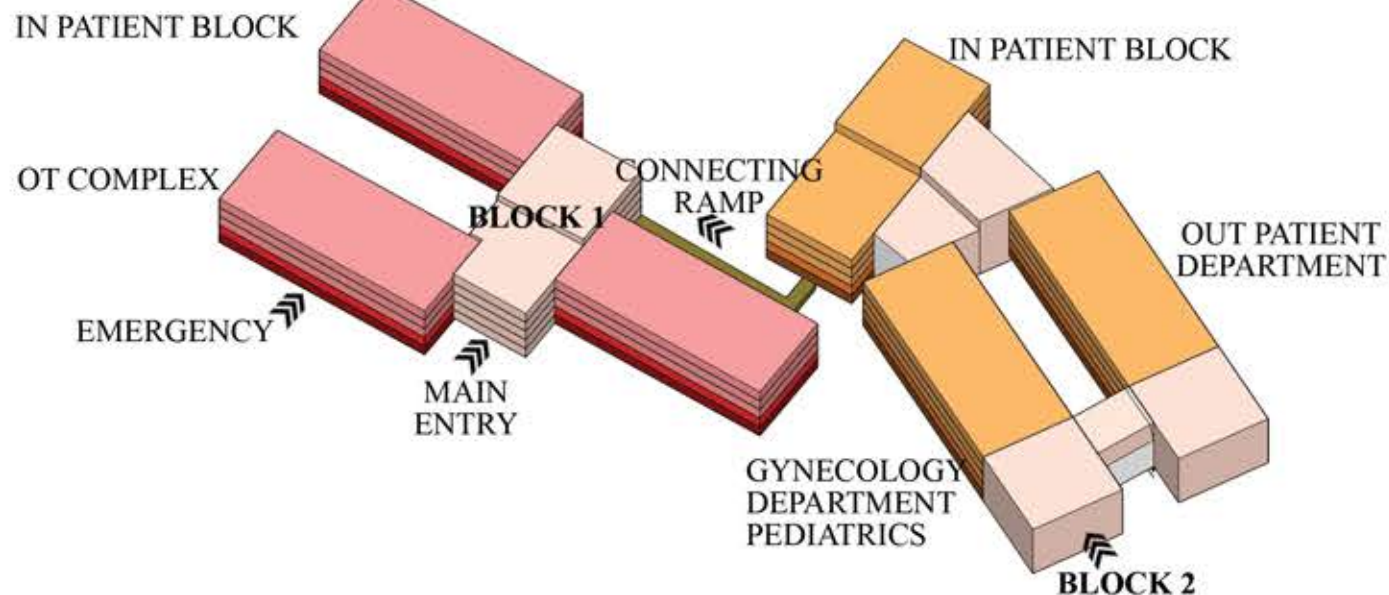
Positioning buildings on the least sloped area, along the contours helps to minimize the cutting of the hilly site

## AUDITORIUM

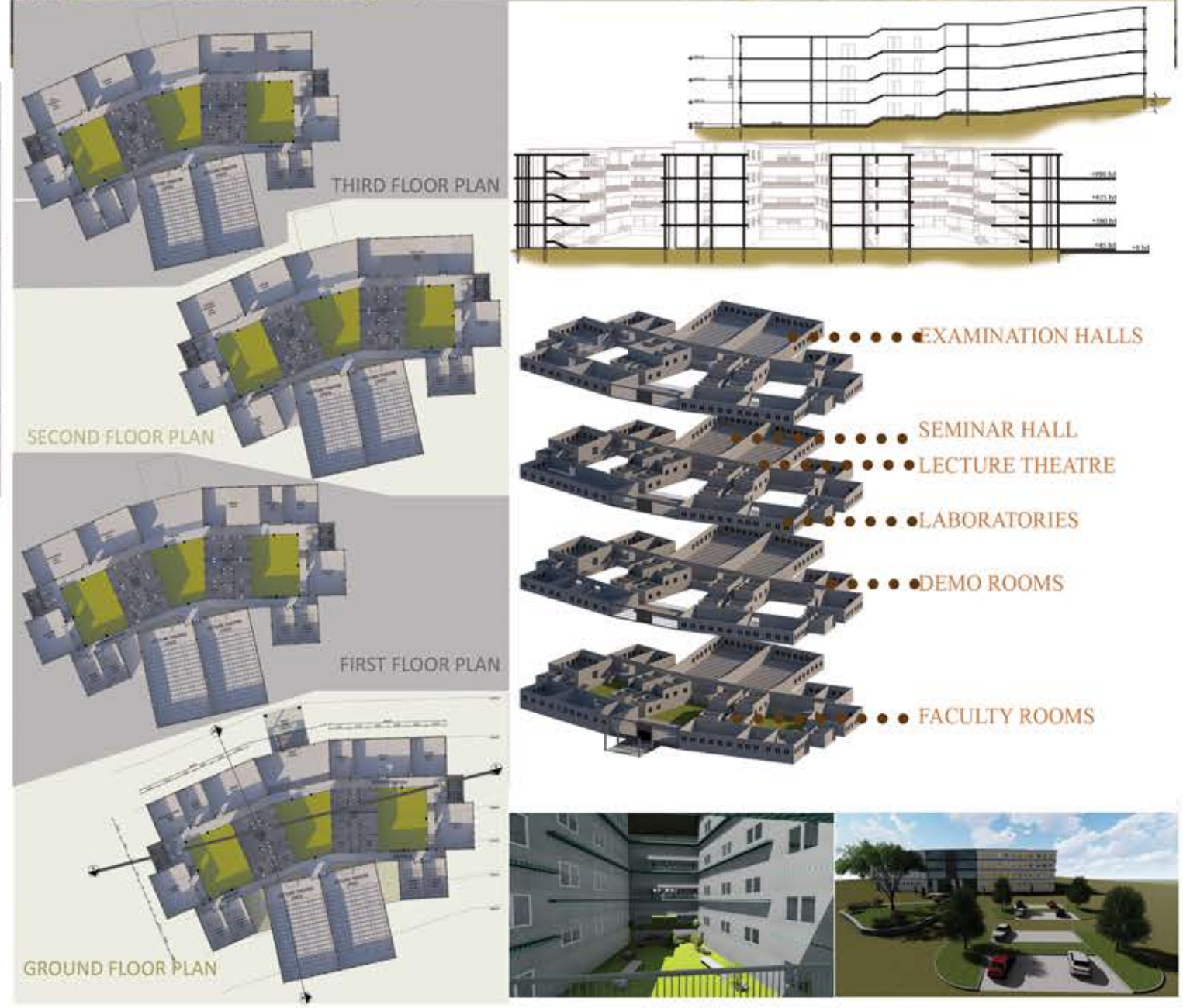
Designed on levels along the contour so that it helps to arrange the seating spaces easily without much cut and fill.



## HOSPITAL

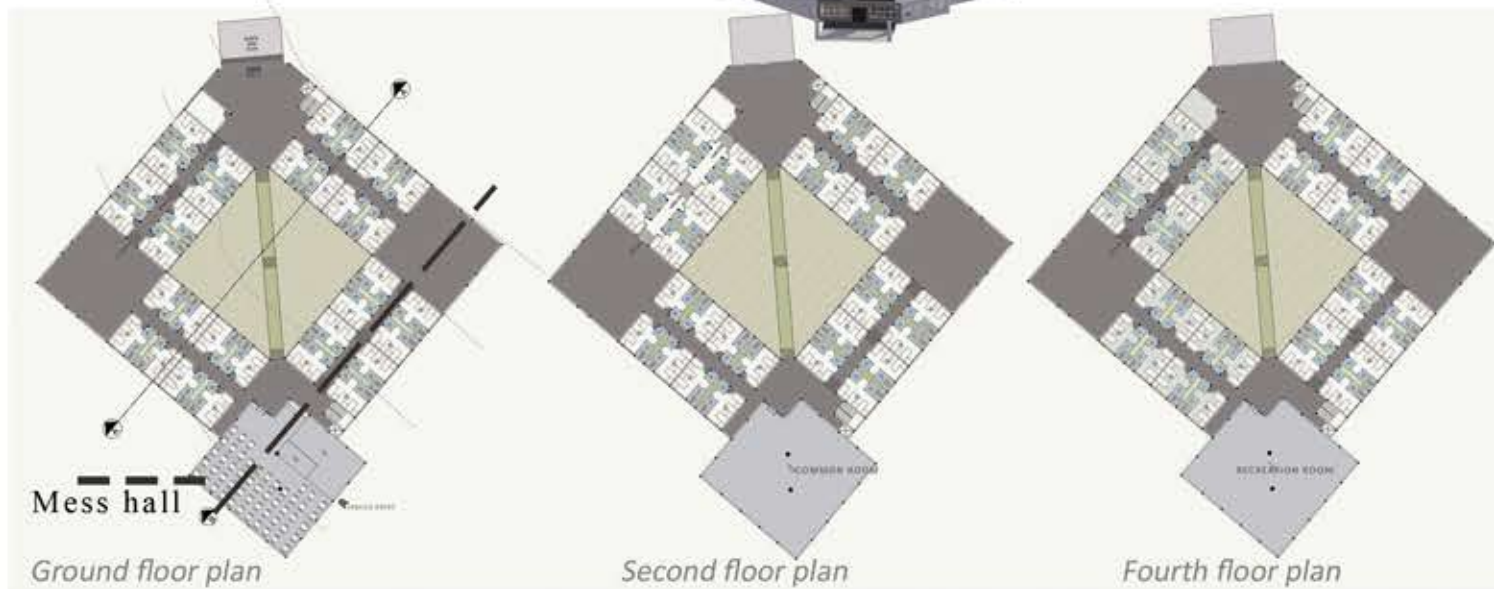
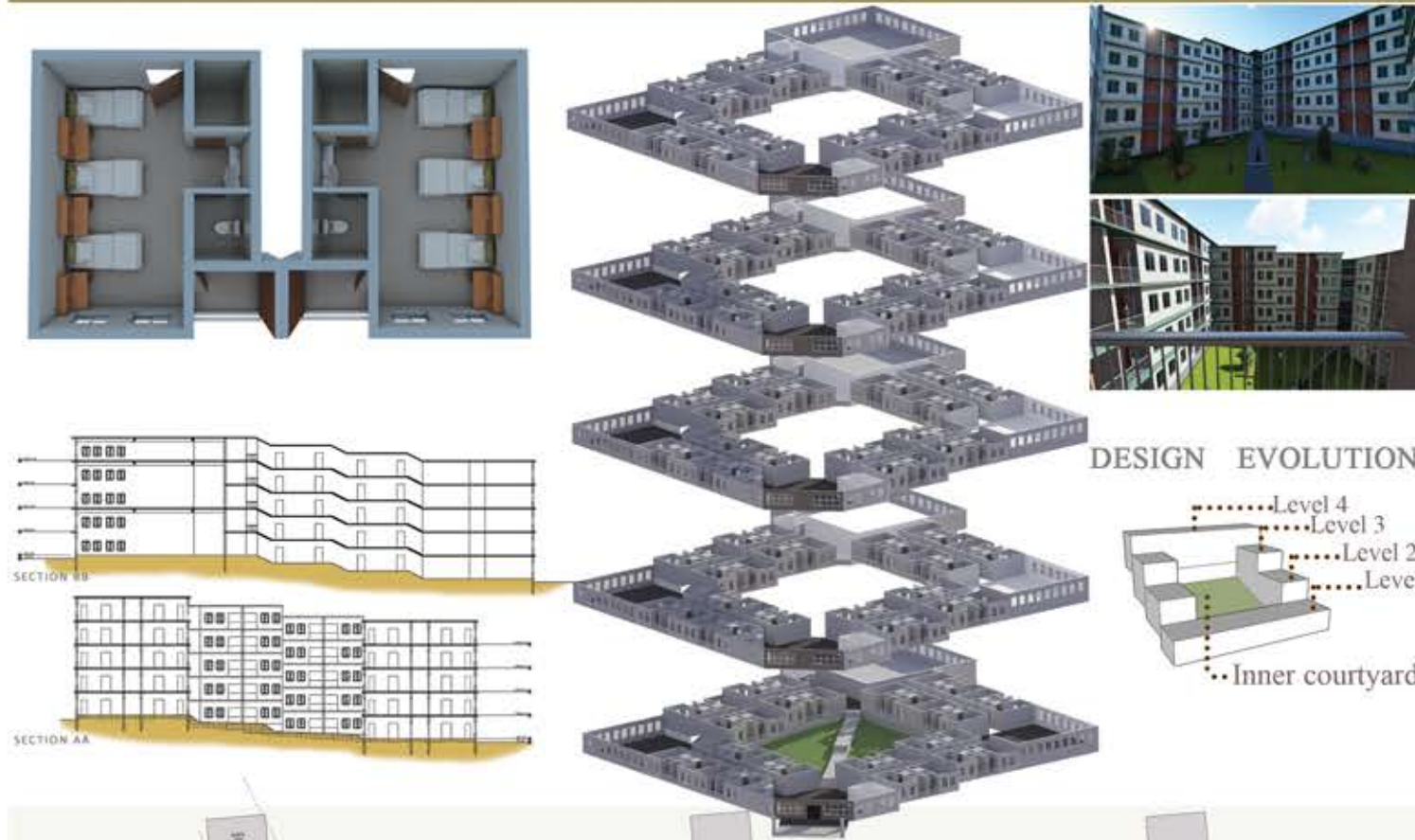


## COLLEGE BLOCK





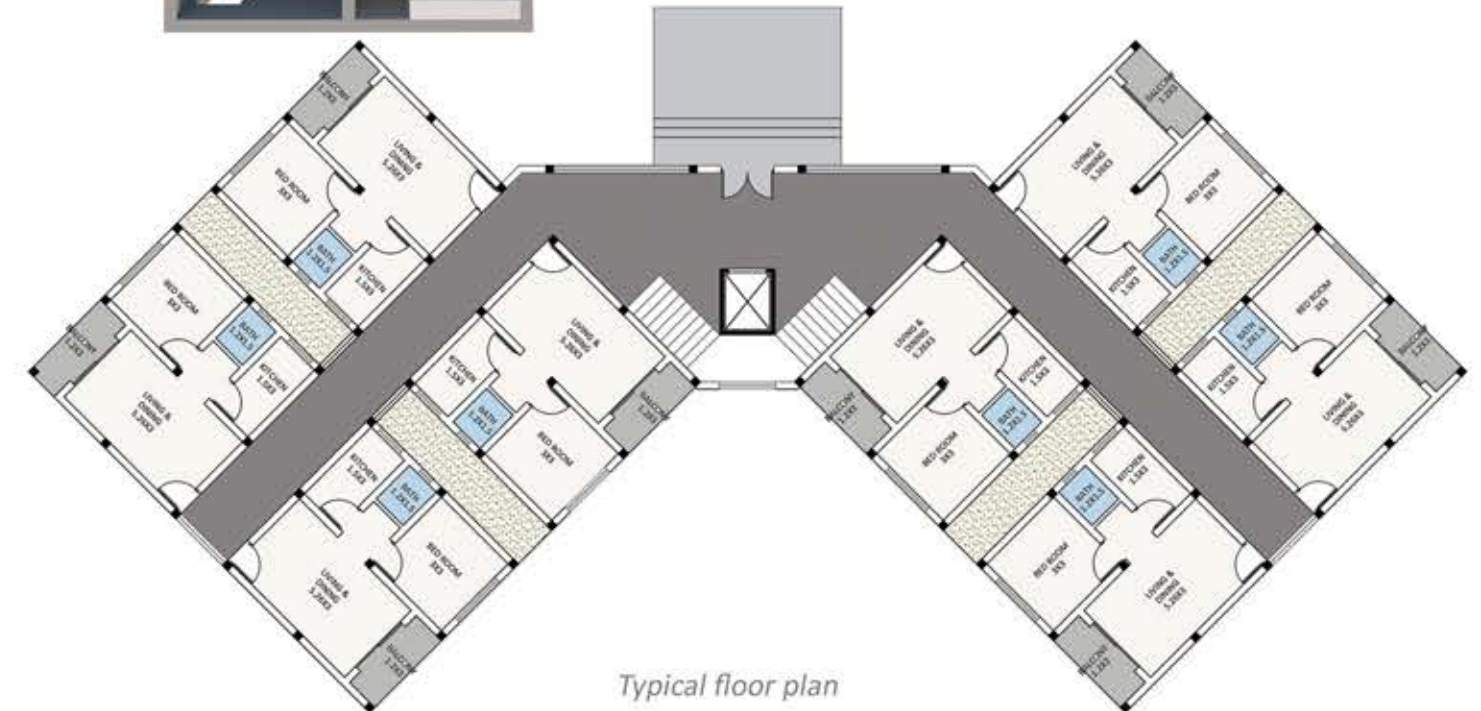
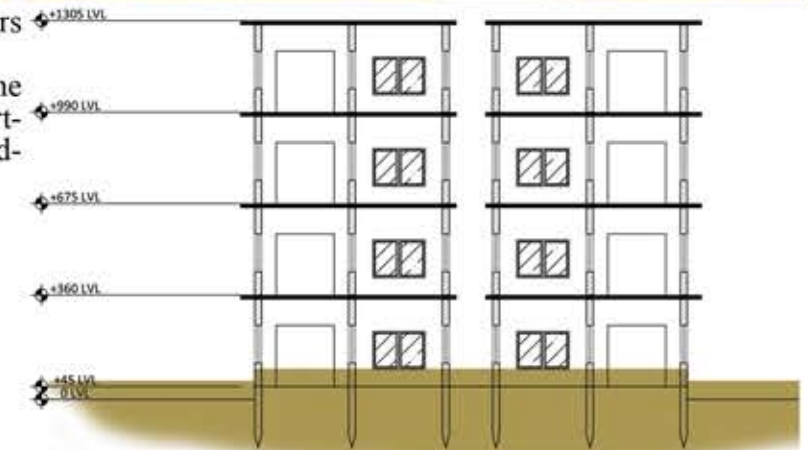
# HOSTEL BLOCK



# STAFF APARTMENTS



Apartments for faculties and staffs designed in four floors (G+3). Each floor contains 8 rooms and totally 32 rooms in one apartment. There is two such apartment. Since the apartment is located on flat land compared to the other buildings in the site, hence not on levels



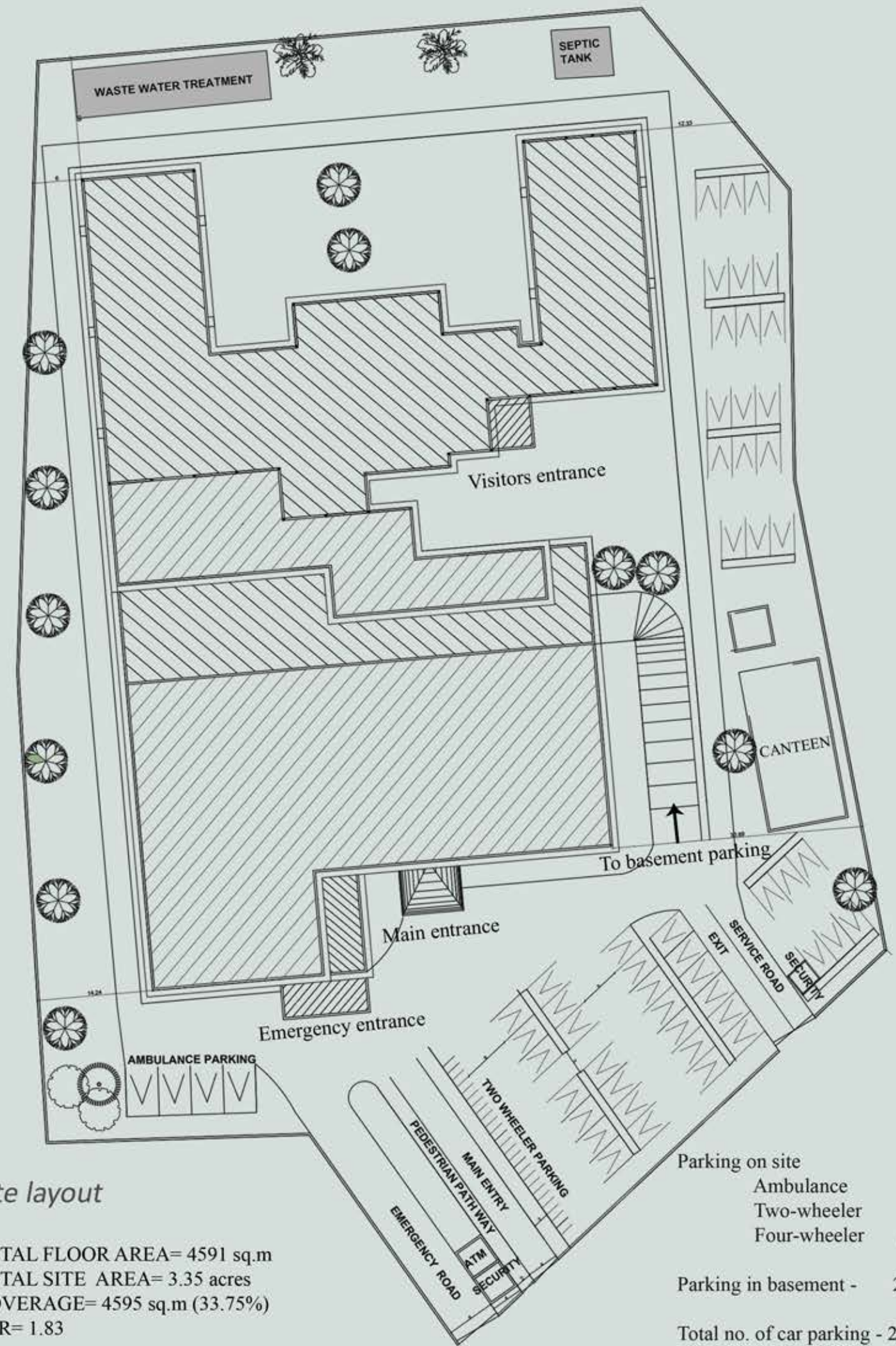


# 2 ACADEMIC PROJECTS

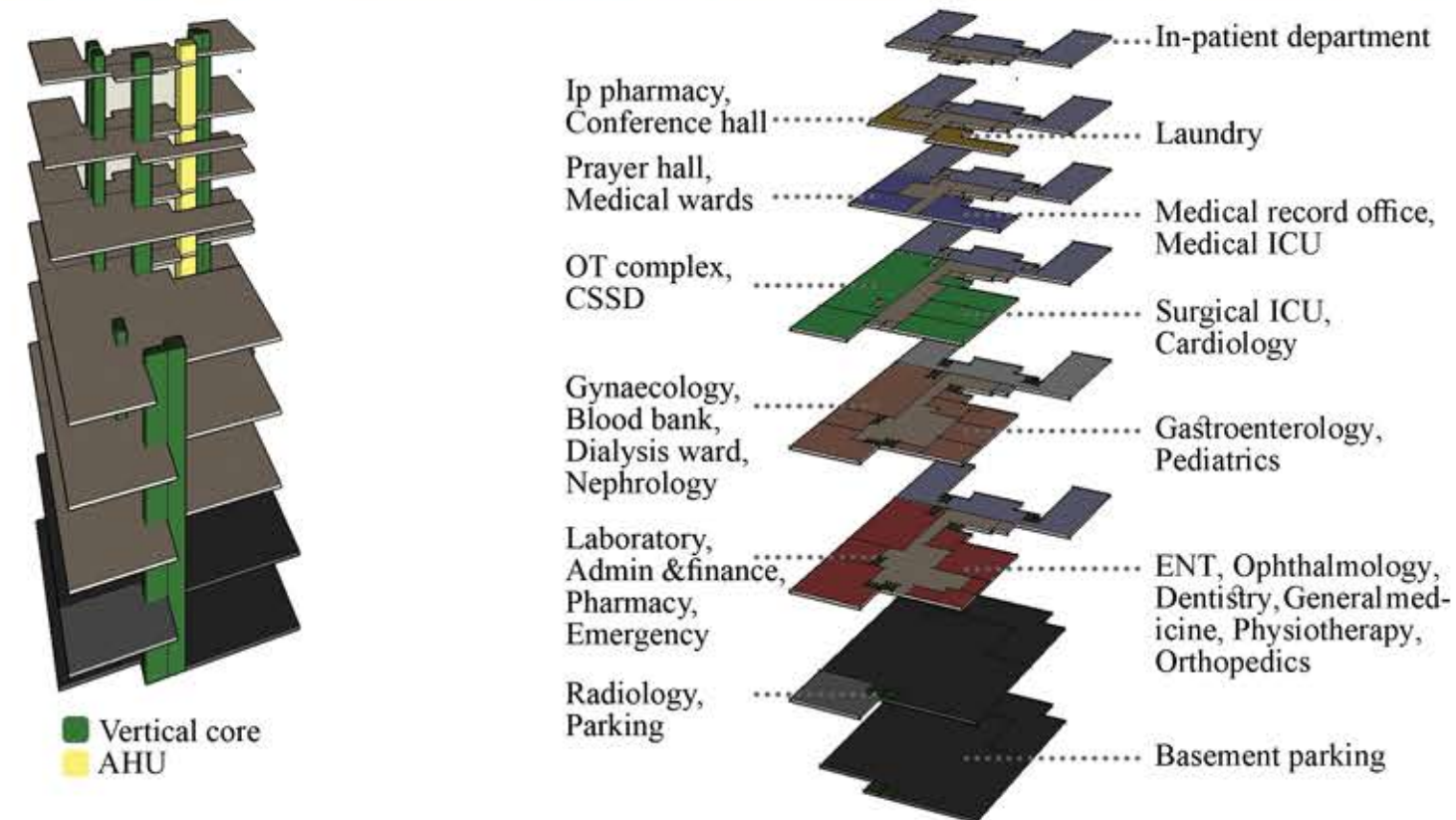
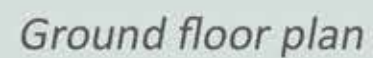
## MULTI SPECIALITY HOSPITAL

A multi speciality hospital situated on a 3.35 acres of land at Vegeri, Calicut.

The 400 bedded hospital with G+3 floors in the main building and G+8 floors in the In-patient building. It contains 2 basement floors for parking. Entry and exit for the hospital is separated to reduce the traffic.









# 2 ACADEMIC PROJECTS

## ECO RESORT

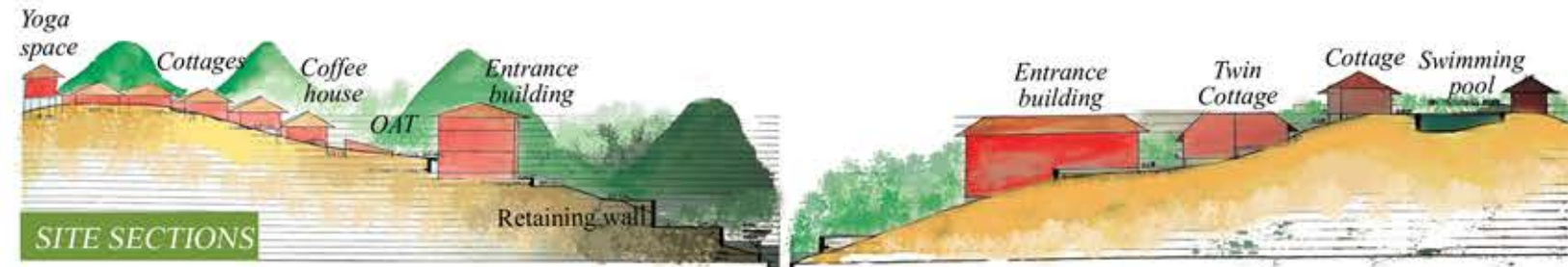
Any place with pleasant environment and atmosphere conducive to comfort, healthful relaxation, and rest, offering food, sleeping accommodation and recreational facilities to the public for free

Planning is done in such a way that all the visitors will get views uniformly from the view points. Maximum use of wind and light, use of locally available materials such as bamboo, mud obtained from the site for compressed earth blocks, wood obtained from the site, thatthatched roof.



**LOCATION :** Banasura, Wayanad, Kerala

**SITE AREA :** 1.03 acre

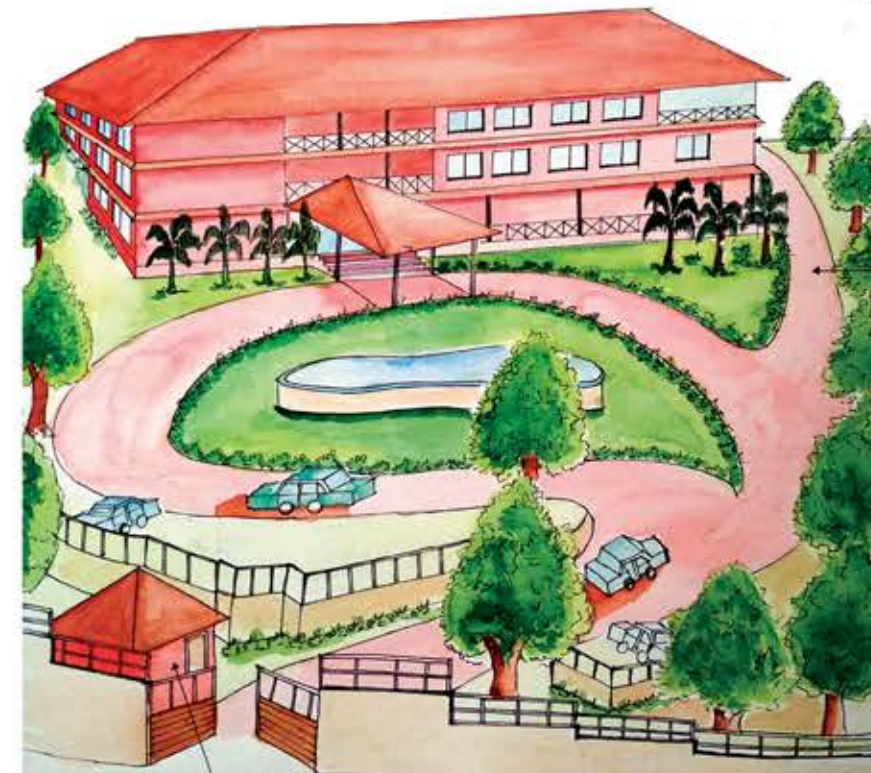


Entrance building includes:

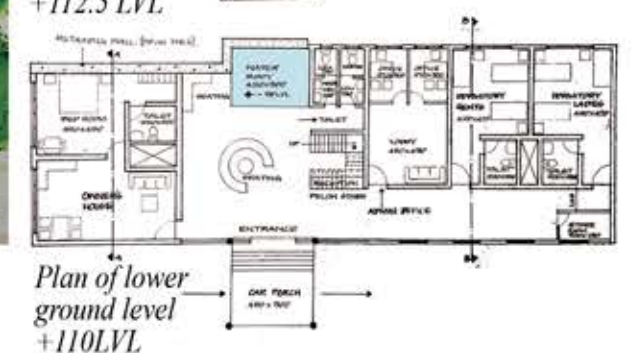
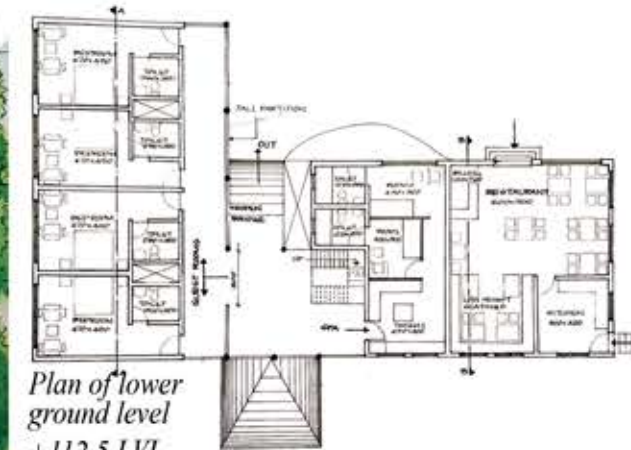
Owner's house  
Admin office  
Dormitory  
Guest rooms  
Spa  
Restaurant  
Indoor activities



VIEW TO THE COTTAGES

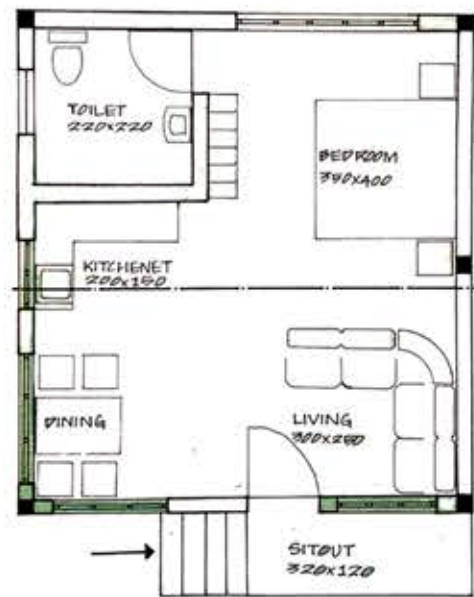


ENTRANCE BUILDING

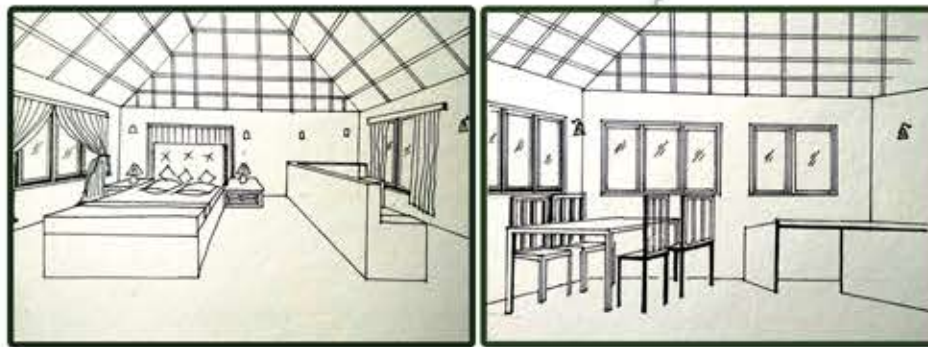
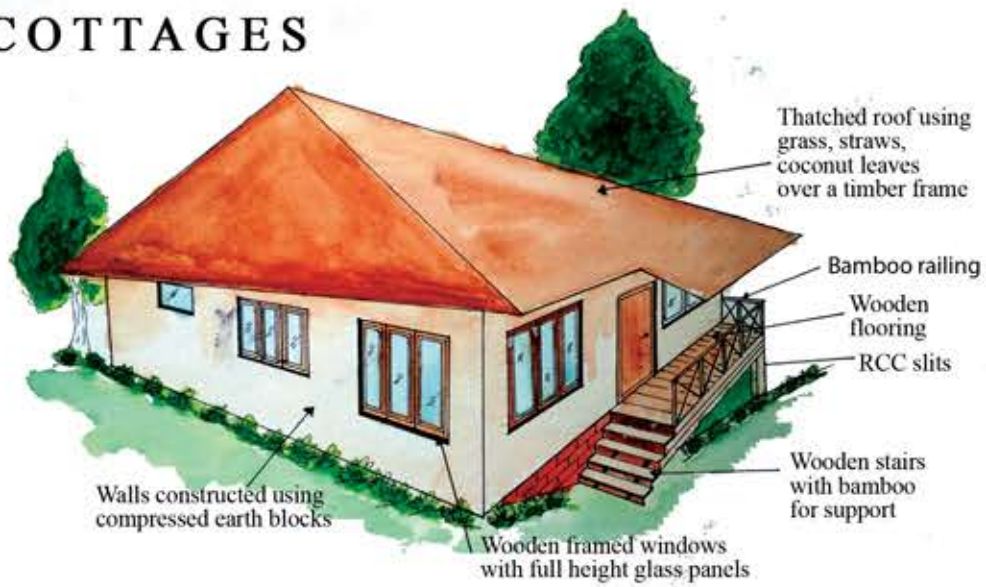




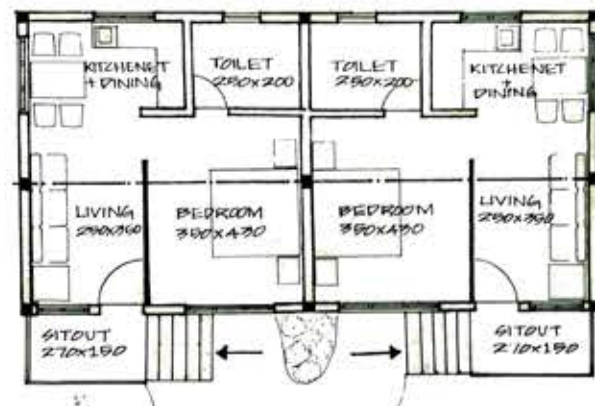
## INDIVIDUAL COTTAGES



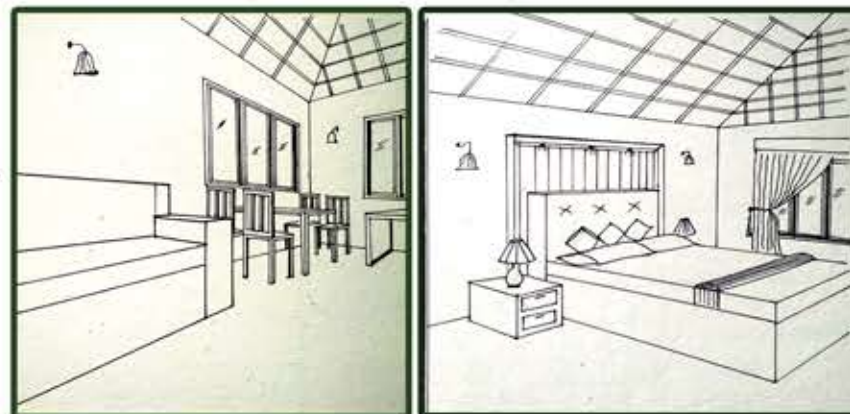
PLAN



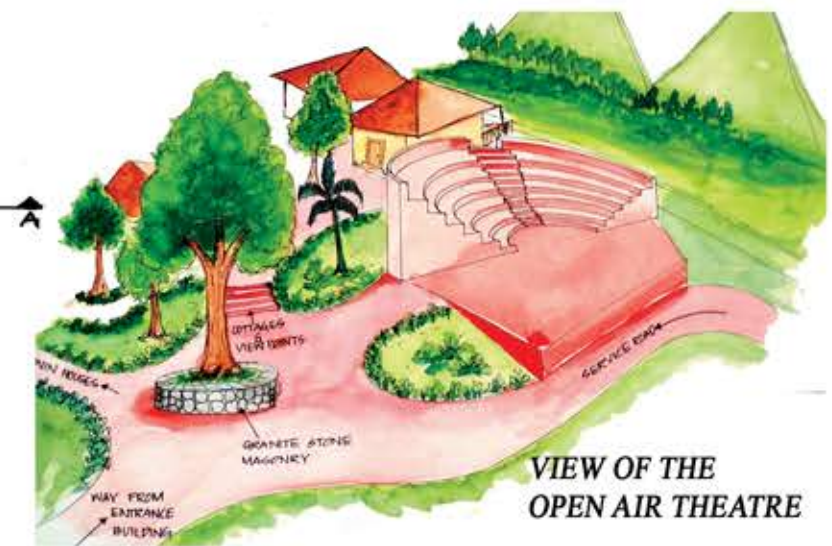
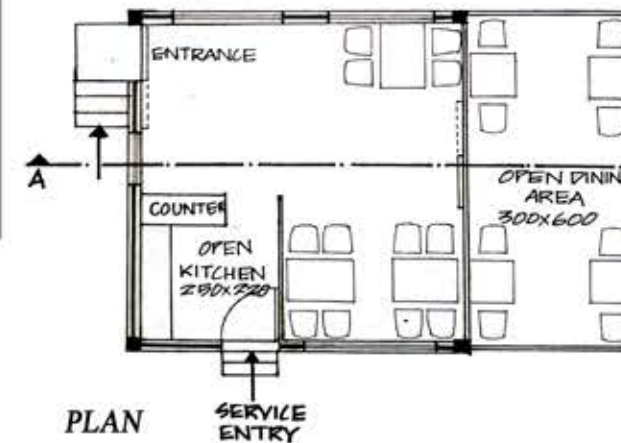
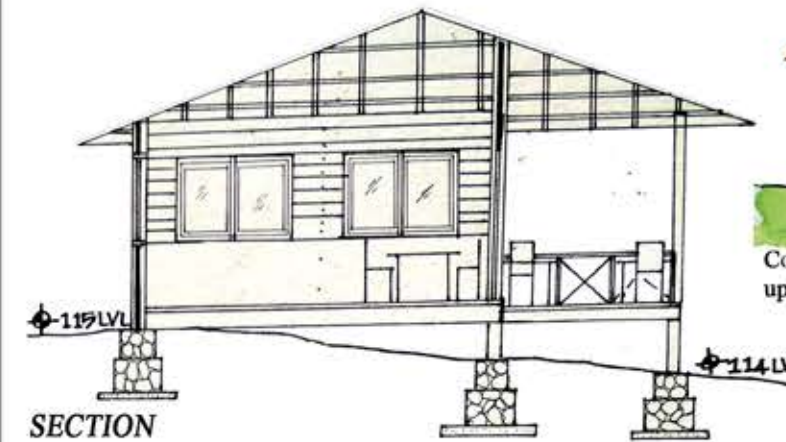
## TWIN COTTAGE



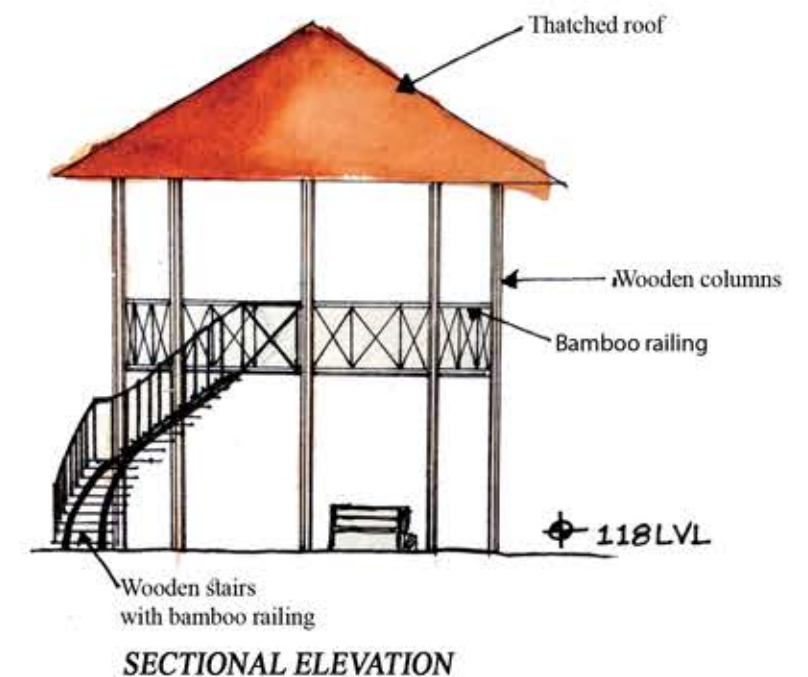
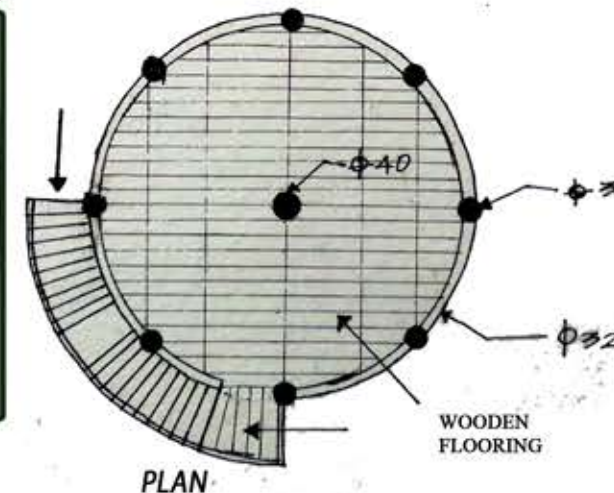
PLAN OF A TWIN COTTAGE



## COFFEE HOUSE



## YOGA SPACE



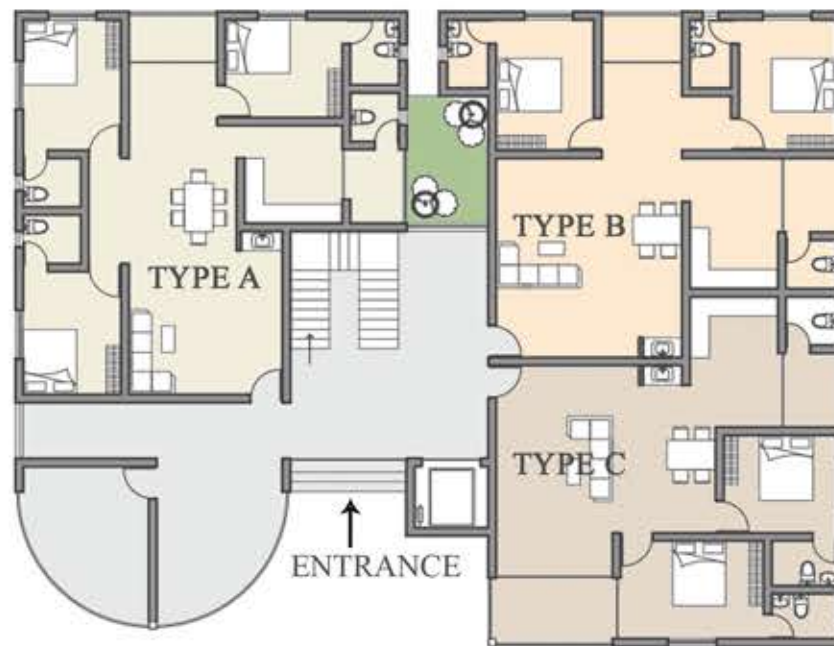


# 2 ACADEMIC PROJECTS

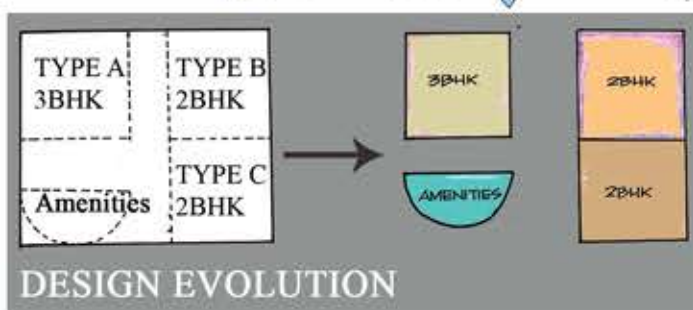
## LOW RISE APARTMENT



A low rise apartment located in Calicut near Hilite mall. It is a G+3 building with 3 types of units consisting one 3bhk and two 2bhks.



TYPICAL FLOOR PLAN



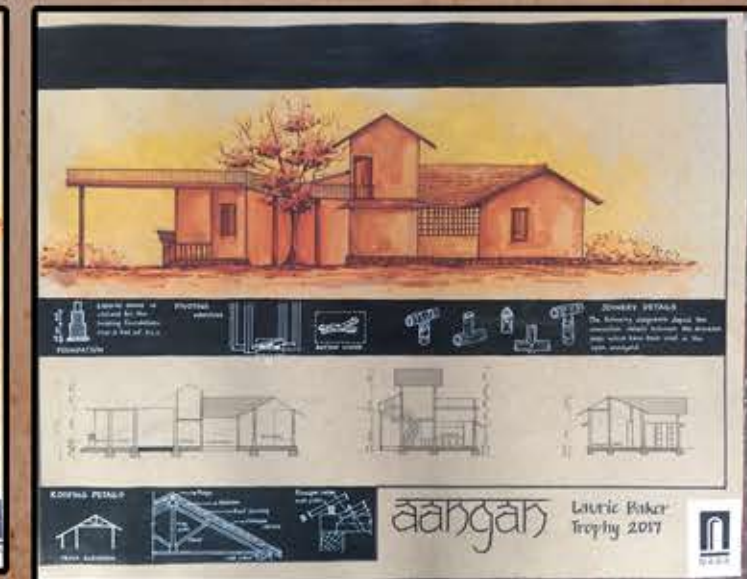
### AREA DISTRIBUTION

TYPE A: 117 sq.m  
TYPE B: 101 sq.m  
TYPE C: 94.5 sq.m

Floor area per floor: 482.35 sq.m

# 3 NASA COMPETITION ENTRY

## LAURIE BAKER TROPHY

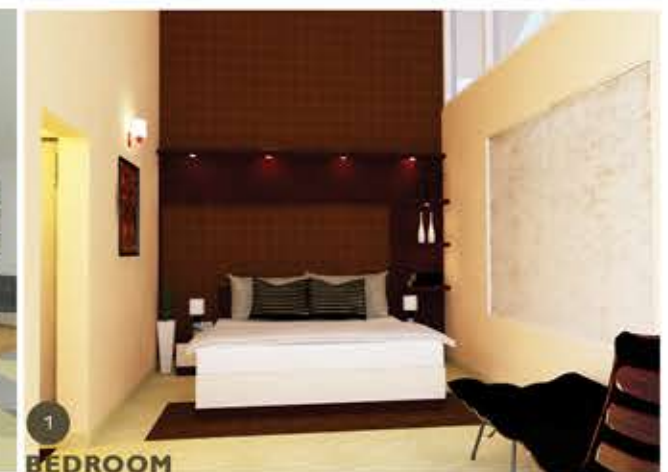




# 4 OTHER WORKS



*Internship  
Interior  
works*



**1**  
BEDROOM



**2**  
WARDROBE



*Self projects...*







Thank you !

SHAHRABA KV  
+91 8606152553  
shahrabashi153@gmail.com