



Pune District Education Association's
COLLEGE OF ARCHITECTURE

Sector 28, Pradhikaran, Akurdi, Pune - 411044.



Affiliated to Savitribai Phule Pune University (PU/PN/ARCH/476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)

Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

Criterion 7

Institutional Values and Best Practices.

7.3.1

Distinctive to its priority and thrust





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7.3 INSTITUTIONAL DISTINCTIVENESS

1. Vision

To provide holistic architectural environment for development of students with Creativity, Knowledge, Skills, Values, Entrepreneurial Architects and also make their effective contribution to the society with their innovative design to tackle the issues of Global and Environment development.

2. Mission

- To provide quality and value based education to develop skill of students so they become technically sound Entrepreneurial.
- To make students aware of latest Architectural Innovations, Building Materials, Construction Technologies and Architectural Software's; which will encourage them to create innovative designs.
- To provide them knowledge of current issues (global warming, water crisis disaster, natural calamities etc.) and practices done to tackle that issues by conducting guest lectures, seminars and expert guidance.
- Offering students, the cross departmental approach in fields of Construction, Landscape, Interior Design, Product Design and Technologies.
- Encourage students for different National and International Competitions with collaboration of Professional Organization, partnerships for gaining knowledge and exchanges of ideas.
- To integrate moral values and importance of community service through discipline to develop better tomorrow.





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❖ **SEMINARS**

STUDENT BETTERMENT

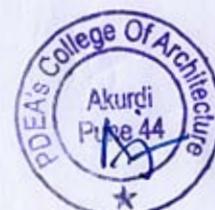
DAY AND DATE: 07-09-2022 Wednesday

TIME: 02:00 PM onwards

OBJECTIVE: For the betterment of student's overall skill development.

NO OF STUDENTS PARTICIPATED: The guest lecture was organized by the college especially for B.Arch. students (2nd, 3rd and 4th year). by Sharda Vyakhyanmala and it was narrated by Dr. Yashwant Patne.

BRIEF: He explained about the topic is Sanskar sanskruti ani shikshnat mulyashishnache mahattv. Teachers are the most important aspects of culture-based learning as they should work towards motivating students to achieve not only academically, but also socially, culturally, psychologically and spiritually. The influences of cultural environment are necessary for the educators because of its role in learning. They need to find mechanisms to incorporate cultures and languages in their teaching practises.





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ARTNSKILLS

DAY AND DATE: 21-09-2022 Wednesday

TIME: 11:00 AM onwards

OBJECTIVE: For the betterment of student's overall skill development.

NO OF STUDENTS PARTICIPATED: The guest lecture was organized by the college especially for B.Arch. students (2nd, 3rd and 4th year). by ArtnSkills and it was narrated by Ar. Deepak Arora.

BRIEF: He explained about the app and how to use it. It is free app, so large amount of people is using it. The app creates the platform where student, professors and working professions can showcase their work and their ideas in the form of jpg images. In the app itself people can like, share and comment their thoughts on other's work. Later on they are gone add different taps which will create job/ internship opportunities for students.



**Your architecture portfolio
can open the door to new
opportunities.**

Create one
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❖ SYMPOSIUM

HOTEL RESORT DESIGN

Guest Lecture on "HOTEL & RESORT DESIGN" was conducted for the students of 1st 2nd 3rd 4th & 5th year. It was conducted by Ar.Anil Parvatikar & Chaitanya Gadre on 17-01-22

Lecture mode - Online (Google meet)

Session -01(9:00-11:00)

Guest Speaker- Ar.Anil Parvatikar

A.S. Parvatikar Is a Leading Architectural & Interior Designing Firm Based in Delhi NCR, specializing in Hotels, Housing and Industrial Projects. He has more than 25 years of experience. He Executed Several Prestigious Hotel Projects Such as Maurya Sheraton InnJaipur, Radisson blue (New Delhi) Ashok Hotel (New Delhi for SARC Summit & ASIAD (New Delhi); Leela penta Now Leelakempinski (mumbai), Park Sheraton (Chennai), Holiday Games 1982.) Ramada (Gurgaon) Grand Savoy (Jammu)Taj Gateway (Jammu), Lemon Tree (Lucknow) and many more Several Private Hotel Properties. He has also executed Housing & Industrial Projects around Delhi Ncr.

Lecture was very informative. Lecture covers, what is Hotel? What is Business hotel? Facilities of 5-star hotel, what are the services and how it works. Resort design

Session -02 (11:15-12:30)

Guest Speaker-Chaitanya Gadre

Guest speaker of the session was Chaitanya Gadre. He has done Hotel Management and He also executed various hotels in Pune and many cities. He has expertise in Kitchen designing. As we know Kitchen is the Heart of the Hotel. Lecture focuses on the Kitchen Layout, Kitchen Management and Ideal Kitchen designs.

Cordially invites you all on 17th January 2022
To join us for Guest Lecture on

Hotel & Resort Design

by
Ar. Anil Parvatikar



Specialized In
Hotels ,Housing & Industrial Projects
Experience: 25 years +

PROGRAMME SCHEDULE:

Lecture Mode: Online
Monday, January 17, 2022
Time : 9:00am - 1:15pm
Google Meet Video link:
<http://meet.google.com/kth-yawo-agi>





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CULINARY ART AND PRACTICES
Guest Lecture for Audit Course "CULINARY
ART AND PRACTICES"

Guest lecture of Audit Course - "Culinary Art
and Practices "has been arranged for B.Arch.
Third Year batch as Audit Course is included in
the syllabus of 2019 pattern.

Guest lecture by Aarti Jadhav from
Ramakrishna More college, Akurdi was taken
on 02-12-2021.



❖ WORKSHOPS

PLASTER OF PARIS (POP)

Workshop on Plaster of Paris was conducted for the first year batch of 2020-2021 in the first week when the college resumes. It was conducted to create interest and for the better interaction among themselves and to get familiar to the college. Workshop was conducted on 7th of August 2020 and by the Ar. Swati Rode.

Content of the workshop:

- Introduction and information on materials
- PPT presentation on the Uses of the material and process of demonstration.
- Preparation of moulds for casting
- Preparation of batch of Plaster of Paris
- Casting the moulds, finishing, and sealing.



Conclusion:

- Workshop was successfully conducted which helps the students to learn
- To create a perfect batch of plaster
- Design and create the Artwork by the use of POP with proper design of mould.
- Painting to the Artwor



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BUILDING TECHNOLOGY AND MATERIALS WORKSHOP RCC SLAB AND STAIRCASE MODELS WORKSHOP

- A one-day workshop was conducted by Ar. Amey Naphade on RCC Slabs and Staircase models. (12 February 2021)
- Under the guidance of Ar. Arun Sohani.
- Live RCC models were made by the students as explained by Ar. Amey Naphade.
- The workshop was conducted for 2nd year Students, 40 Students attended the workshop.





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STUDY TOUR VISIT REPORT

Total 32 students from 2nd, 3rd and 4th year of PDEA COA Along with the two Teaching faculties were taken to the Kerala

from 16-01-23 to 18-01-23. Thiruvananthapuram and Kochi are cities in the state of Kerala, India on the **south-western coastal state of India.**

Aim: The main aim of study tour is to aid students to acquire knowledge of functioning on urban studies and factor affecting the settlement.

Objectives:

- To study Urban settlement of metro city, town planning, services, etc.
- To make a suitable plan and strategy for worthwhile development of settlement of study village.
- To understand the various types of houses and the services provided to them.

Day 1 : 18-01-23

Students were taken to Thiruvananthapuram.

Visit to Indian_Coffee_House

Visit to Napier Museum and Raja Ravi Verma art Gallery

Visit to Shri Padmanabah Swamy Temple

Day 2: 19-01-23

Visit to Loyola Chapel School

Visit to Centre for Development Studies

Visit to The Centre of Science and Tech. for Rural Development

Visit to Kovalam Beach

Day 3: 20-01-23

Students were taken to Kochi via Alleppy by Boat.

Day 4: 21 01 23

The Settlement around the fort kochi, and churches were seen, there were Load bearing and old structures built with bricks as well as in the basalt stone. On the first day identified the area for the detailed study





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purpose.

Visit to Visit to st.George orthodox koonan church kochi

Visit to Mattencherry market.

Day 5: 22-01-23

Students started with the mapping of the identified area under the guidance of the teachers and detailed study of the fort kochi area were simultaneously done. Students marked out all the services like electrical poles, Drainage etc and finished the work, Students also interviewed the people of Kochi

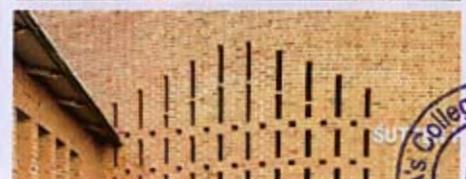
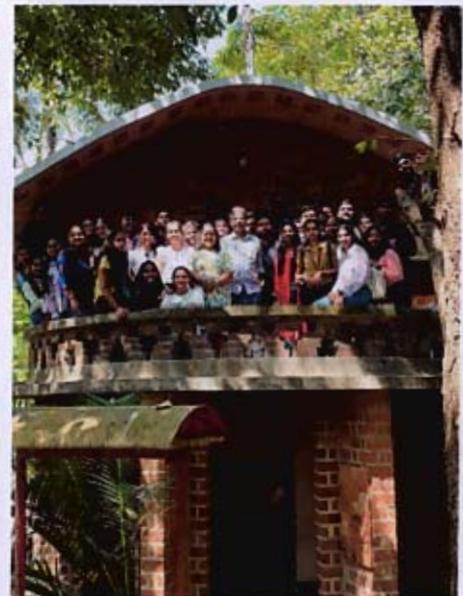
Day 6: 23-01-23

Visit to Mattancherry palace

Visit to pardesi synagogue

Visit kochi biennale art festival and With all the data student and teachers returned to Pune.

Conclusion: Study was successfully conducted which helps the students to learn more with practical Exposure.





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3. Mentorship program

TEACHER GUARDIAN SCHEME

(STUDENT MENTORSHIP PROGRAMM)

Introduction:

During their five years journey through the under graduate engineering programme students often need mentoring, guidance and counselling from a loving elderly figure. Direct academic issues e.g. selection of electives can be easily communicated to the student. But finer nuances e.g. career options or fear of a subject/course need greater involvement of the mentor. Obviously, a student should have the same mentor all through the four years of his journey.

In light of the growing and challenging situations in student's life, there is a strong and urgent need for appropriate role models and guidance to these students in matters of academics, career, and personality development. This will enhance student satisfaction and student retention in the colleges and universities. A similar system as discussed above, namely as Teacher Guardian scheme in which Faculty Advisor exists in this college since 2018. To improve the institutes present endeavour towards academic quality up gradation in line with NBA/NAAC guidelines, it has become necessary to redefine/reform the existing system. The new system, when practiced diligently will immensely contribute in improvement of the overall academic quality. The students will be greatly benefited by continuous expert guidance.

Mentoring System: The new process has been established as Mentoring System. Each faculty will be the mentor of a group of 20 to 25 students. Faculties will continue to be mentors for the group of students till their graduation.

Aims and Objectives:

The principal aim of the teacher guardian scheme or Mentorship Program is to assist students in their academic and related professional domains. The objectives of the program are to help students

- To develop and enhance a sense of direction.
- To effectively bring about the integration of the college, faculty and campus as a whole.





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- To articulate a sense of purpose about being in college/ professional course and about pursuing their particular program of study, and
- To acquire the necessary skills to become independent and life-long learners and teachers as well.

Responsibilities: The mentor will perform the following functions A mentor can always do more for the benefit of the students.

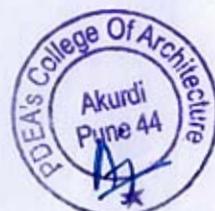
1. Meet the group of students at least twice a month.
2. Continuously monitor, counsel, guide and motivate the students in all academic matters.
3. Advise students regarding choice of electives, project, summer training etc.
4. Contact parents/guardians if situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc.
5. Advise students in their career development/professional guidance.
6. Keep contact with the students even after their graduation.
7. Intimate HOD/Principal and suggest if any administrative action is called for.
8. Maintain a detail progressive record of the student (format attached).
9. Maintain a brief but clear record of all discussions with students.

Principal/HOD: The Principal/HOD will,

1. Meet all mentor of his/her department at least once a month to review proper implementation of the system.
2. Advise mentors wherever necessary.
3. Initiate administrative action on a student when necessary.
4. Keep the head of the institute informed.

Academic committee: Institute academic committee will discuss mentoring related issues at least twice in a semester during its meetings and revise/upgrade the system if necessary.

The Institute is emphasising towards enhancement of enhancing the institutional ambience to better serve the needs of an ever-changing and dynamic learning community. Effective mentoring begins with the faculty and depends on the healthy relationship between faculty and students, Department assign faculties (acts as faculty advisors) for providing guidance for each year during admission till the graduation for same batch. The faculty advisors perform the following functions:





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- To maintain personal details of the students including their address, contact numbers, overall academic performance and progress. It will help the FA in monitoring the academic growth of the students. It will also help the College in tracer studies of the alumni.
- To advise the students regarding choice of electives, projects, summer training, etc.
- To counsel and motivate the students in all academic matters-direct or indirect.
- To guide the students in taking up extra academic and professional activities for value addition as a member of the society.
- To contact the parents / guardians of the students in case of their academic irregularities, behavioural changes, etc, through the Head of the Department or College.
- To advise Principal / Director of the College in matters of leave or absence, official recommendation etc.
- To advise the students in matters of their career.

In electrical engineering programme, eight faculties are working as Faculty Advisors for the students. The faculty monitors their progress and reports to teacher-in-charge. This mentoring is for overall development of the student. Faculty advisor meets the students frequently and discusses various issues including class room lectures, laboratory performances, participation of seminar / conferences and technical event, any academic difficulty faced and career development.

Type of Mentoring done are:

- Professional Guidance - regarding professional goals, selection of career, higher education.
- Career advancement - regarding self-employment opportunities, entrepreneurship development, morale, honesty and integrity required for career growth.
- Course work specific - regarding attendance and performance in present semester and overall performance in the previous semester.
- Lab specific - regarding Dos and Don'ts in the lab.





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Highlights of Mentor-ship Program:

The principal aim of the Teacher Guardian scheme or Mentorship Program is to assist students in their academic and related professional domains.

Mentoring involves the support and guidance of students from experienced students and professionals, often from the same discipline, field, or from some other area of common interest.

One Mentor (depending on his convenience) will be assigned to a group of up to ten mentees.

Once assigned, the groups may meet at a designated time, at regular intervals on the college campus itself, if the college has such a facility, or at any convenient location.

The mentors shall provide guidance to their respective groups in areas of academics and career as well assist them in matters concerning personal identity, future goals, etc.

The Program will be a big step towards making the students active and confident professionals who can make an impact and in turn make a contribution to the community, nation, and the world.



4. Extra-Curricular Activities (Sports).

REPORT OF INDOOR GAMES

Date: 16 January 2018

Organized by: PDEA'S College of Architecture

Brief: The sports day event was celebrated for two days. The first day was dedicated to indoor games. Different indoor games like snake and ladder, chess, ludo, three-leg race etc. was arranged for students. Students had worked out on time schedules and equipments requirement for all the games. Students had participated in all the games. Faculty also participated in the event where students were playing and having fun.



Photograph of Indoor Games



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5. Cultural Program.

ANNUAL CULTURAL FEST

Annual Cultural Fest of our college is a showpiece event that makes one learn about an architecture student's journey through the days of education. It is an event that will truly display the 'culture of architecture'.

Last year this program was held on 27th and 28th December 2021.

Every year on this day, all the toppers are Facilitated and awarded for different prizes.

Every year this day is celebrated with great enthusiasm. Students conduct a cultural program in which they include games, music, dance, food etc. for teachers, staff and students.

The celebrations, customs and rituals of any institution reveal a great deal about its culture. Celebrations brings about the joyful learning, community building and thought provoking processes.

FRESHER'S 2022

The 21ST of January 2022, was marked as a memorable day in the life of every. The Fresher's day was a day that was filled with excitement, joy, music, enthusiasm, laughter and happiness.

The celebration started at 4:30 pm with the welcome speech, by Krishna Hivre and Aditi Suryavanshi in which Fresher's were formally welcomed into the PDEA family which also included the introduction of the Principal Nishant Gawande, HOD. Abhijeet Bhagat and all faculties. After the introduction few events like singing and dancing were done to entertain the fresher's. The seniors put up various performances like dancing, singing and skits to entertain their juniors, all the juniors were enjoying and having a great time.

The permanence's were judged and results were finally declared at the before the Dj evening and the title for the Mr. Fresher 2022 had been given to MR Abhishek Kashid.

The program concluded with a vote of thanks from our HOD followed by dinner. All the fresher's including the senior's rocked the show under the guidance of al Faculties. At the end, everyone enjoyed the celebrations and all thanked the HOD, faculties and senior's students for hosting such a nice program that they could cherish lifelong.





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Skill development activities for students

Students undergo various settlement study

Settlement study as a concept, not only helps us understand evolutionary trends in architecture, society and culture of a place.

The main aim & objectives is to to assess and evaluate the overall development of the village/Town or city & to understand the pattern of living.

- History of the settlement
- Demography/Population
- Literacy Rate
- Cultural Aspects
- Flora fauna
- Mapping of the village
- Landuse
- Road patterns (Primary,Secondary & Tertiary)
- Electrical Services
- Sanitation (the provision of clean drinking water and adequate sewage disposal)
- Type of structures
- Detailing of the structures
- Material study
- Available amenities

After studying various aspects students derive the inferences or interpretations.

Students identify problems or requirements.

Based on the inferences students identify the site and propose the design problem as per requirements and design.



WHAT IS SETTLEMENT

A Settlement is a place where people live and interact through activities such as agriculture, trading and entertainment. Settlement in geography help us to understand more relationship with his environment. Settlement is also correlation between functions, population size and population density.

FACTORS AFFECTING:-

Soils

Quality of soils are matter consideration for agricultural activities

Relief

The availability of level flat land such as floodplains provide agricultural activities

Defense

Shield from enemies and predatory animals does help to be together for protection.

Shelter

"Shelter" which are constructed from natural elements (timber) highland with harsh cold climate are suitable for settlement.

Water Supply

Water is essential for human survival and agricultural activities



AIM:- The study, understand and analyze the settlement in various phase and the factors affecting the settlement.

OBJECTIVES:-

- 1) To understand the important aspects such as shape and pattern of a settlement. Dispersion.
- 2) To study the distinctive signs in which a rural settlement is usually classified.
- 3) To study the type of land bearing structures.
- 4) To make a suitable plan and strategy for sustainable development of settlement of study village.
- 5) To understand and study the settlement pattern of the study region and to identify the geographical and climatic factors affecting settlement.



KOLAPUR

Kolapur is a city on the banks of parashurami river, in the west Indian State of Maharashtra. It is known for its temples like the ancient Mahakaleshwar temple, a Hindu pilgrimage. According to legend, One Hindu temple, Mahakaleshwar temple, was built. This act of worship inspired Mahakaleshwar temple. In the world, it is known as the temple and the world's largest shrine for help to his mother in the name of Mahakaleshwar temple. Kolapur is a village in Maharashtra state, India. It belongs to the Kolapur district.



RAMBA GAD

Ramba Gad is a village in Maharashtra state, India. It belongs to the Kolapur district.

RAMBA GAD

The Ramba Gad is a village in Maharashtra state, India. It belongs to the Kolapur district.

Mythological history of Ramba Gad - In the era of Mahabharata, the daughter of King Ashoka called 'Ramba' had to take revenge of her father's death. To do this, she married a man named 'Ramba' and she lived with him for many years. In the end, she was killed by her husband.

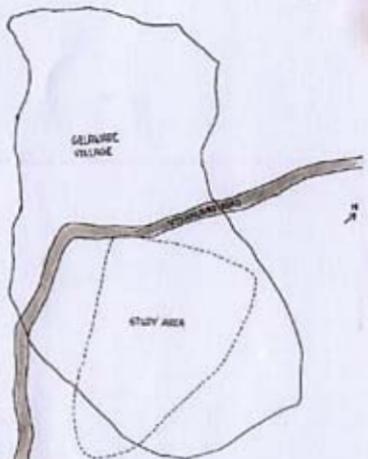


PAWANPIND

Pawanpind is a village in Maharashtra state, India. It belongs to the Kolapur district.

GEORAVAS

Georavas is a village in Maharashtra state, India. It belongs to the Kolapur district.



POPULATION

The total number of population is 455.
 The total population of the village is 455.



AGE GROUP

The age group distribution of people in village is such -
 children - 14 years old 22%
 14-18 years old 12%
 18-24 years old 12%
 24-30 years old 12%
 30-36 years old 12%
 36-42 years old 12%
 42-48 years old 12%



AGE/SEX RATIO

As the total population of village is 455. The total number of male is 224 and the number of female is 231. According to census 2011.



LITERACY

According to 2011 census the total literacy rate of village is 74.2%. Since the village has literacy rate of 74.2%. The total population of the village is 455. The male literacy rate is 80.7%. Total no. of male is 224. The female literacy rate is 67.6%. Total no. of female is 231. The gender literacy rate is 74.2%. Total no. of female is 231.



OCCUPATION

The main occupation people adopted here is Agriculture and Animal Husbandry. The people who educated are engaged in nearby metro office. The village council members are also employed.
 85.4% of people's main occupation is agriculture and employment.
 14.6% of people's main occupation is other things. Mainly cultivated crops are sugarcane and rice.

CULTURAL ASPECT

POSI
 Posi is celebrated from between two to three days beginning the full moon day of the month of Jyestha (January/February) according to the Hindu calendar. The festival is a celebration of spring and heralds the beginning of a new crop season for farmers. Posi is often narrated as having various mythological legends.

DHANGERA

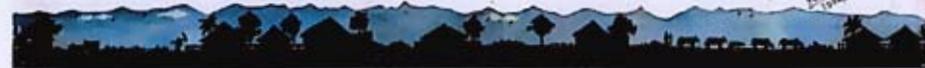
The main aim of Dhangera is to celebrate it is also called as 'Shaktiotsava'. They worship goddess Mahalaxmi and give garland to women with milk and curries. It is a belief that Dhangera gives fertility of soil.

PHC

The primary health care center is not provided in village.

SCHOOL

Government school is provided in village. The secondary is also provided in village. The village council members are also employed in nearby metro office.





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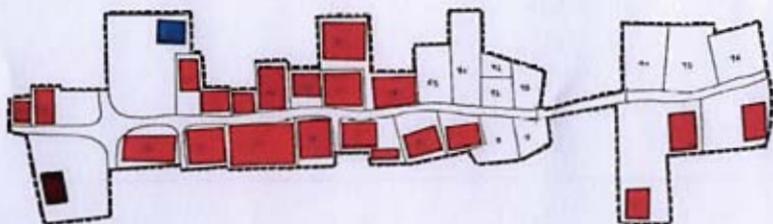
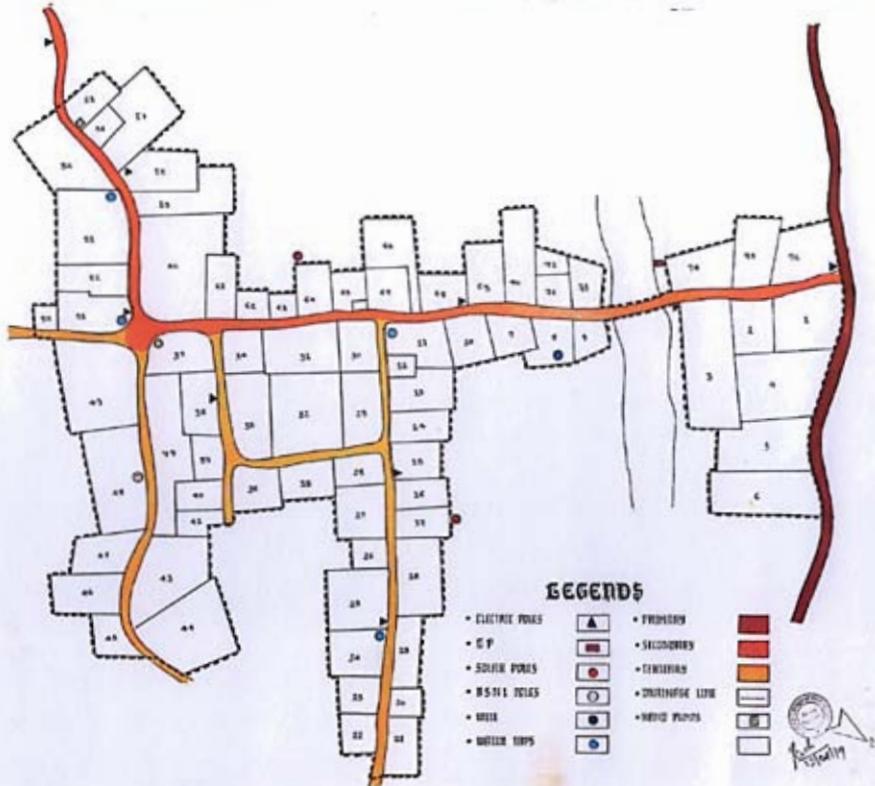
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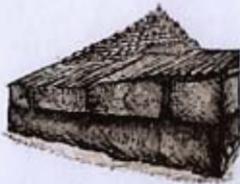
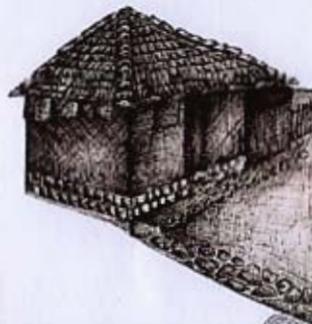
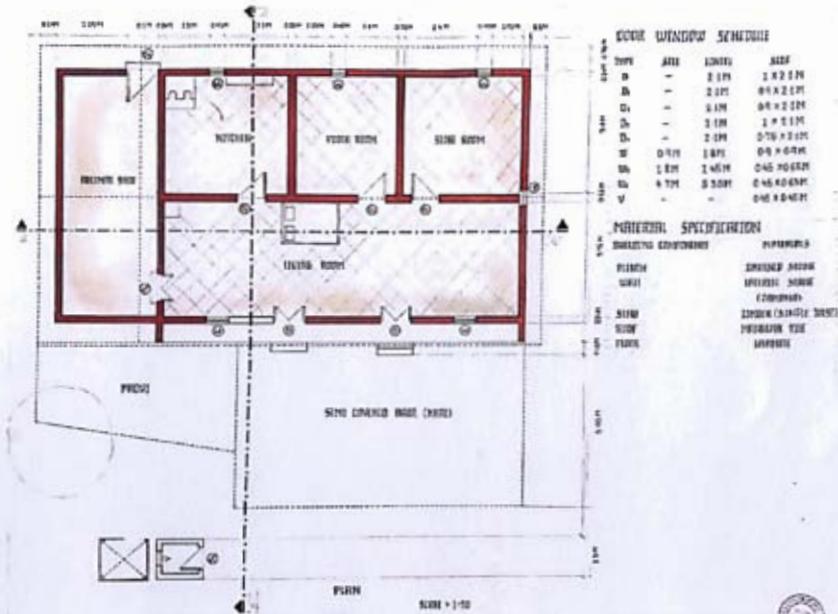
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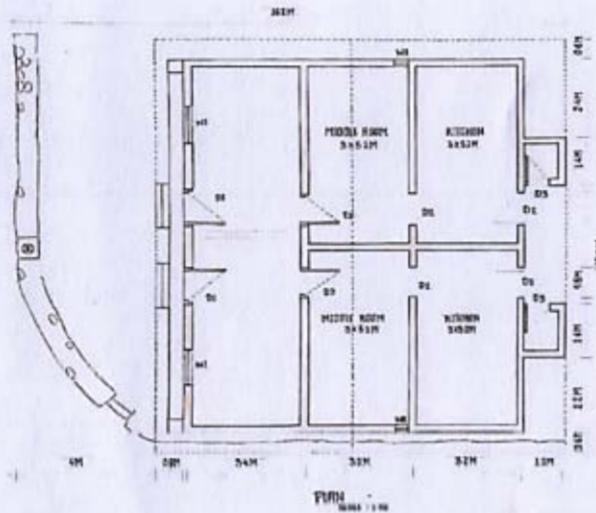
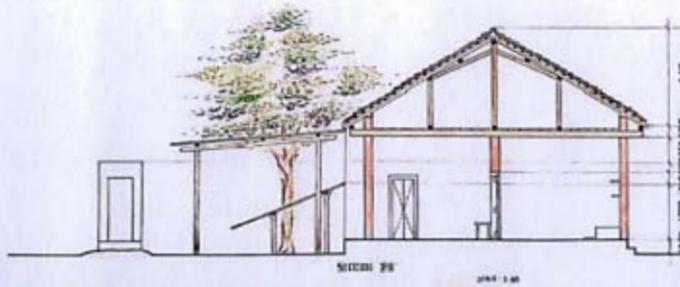
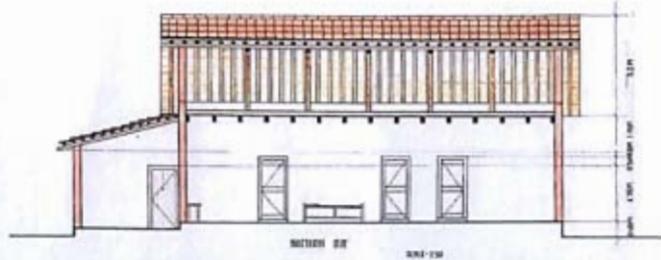
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- THIS HOUSE HAS A LATED DESIGNING SCHEME
 - IT HAS LOCATED BEHIND SECONDARY ROAD
 - THIS HOUSE COMPOSED BY SQUARE PLAN
 - IT HAVE SLEEPING BODY BUILT UP BY PORTICO
 - IT HAS SINGLE TOWN SCHEMATIC LATE WORK
 - THE OWNER OF THIS HOUSE WANT PROTECTING
 - IT WAS BUILT UNDER PARADISE PINE TREE
- CONSTRUCTION MATERIALS
 CONCRETE BLOCK
 PORTICO
 TOWER
 POND
 LEGRADO

01	11M X 13M
02	04M X 12M
03	4.5M X 11M
04	12M X 10M
05	04M X 0.6M





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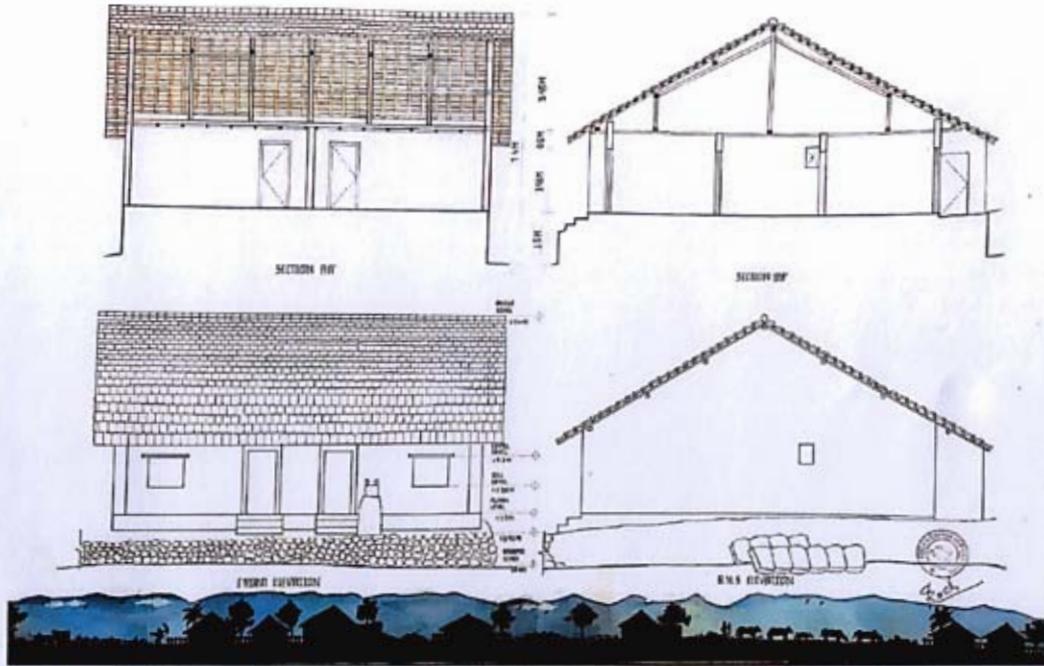
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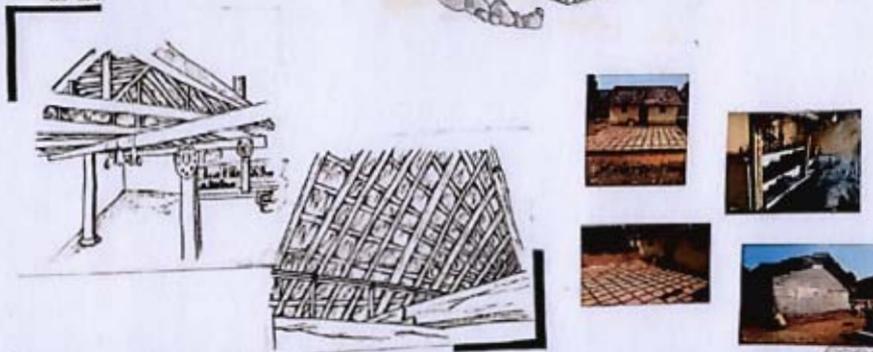


HISTORY

It was hindering temple.
It is situated in ghanshi village, shahuwadi tal dist Solapur
It was established in the year 1791
Firstly temple was situated near the boarder dam.
Then it was shifted near ghanshi village.
And now the temple is about 850m from village.
The people of ghanshi village worship to official and hindering
Vishnu, hindering and Ganesh like are kept in the temple.
The festivals are celebrated, Mall and Dama.

GOD BELIEF

There were slaves kept outside the temple. The belief
behind the slaves was, they were used to believe that gods
are suspicious to believe their master and to give to that
slave or, that's why, their slaves were kept and do people
near there.





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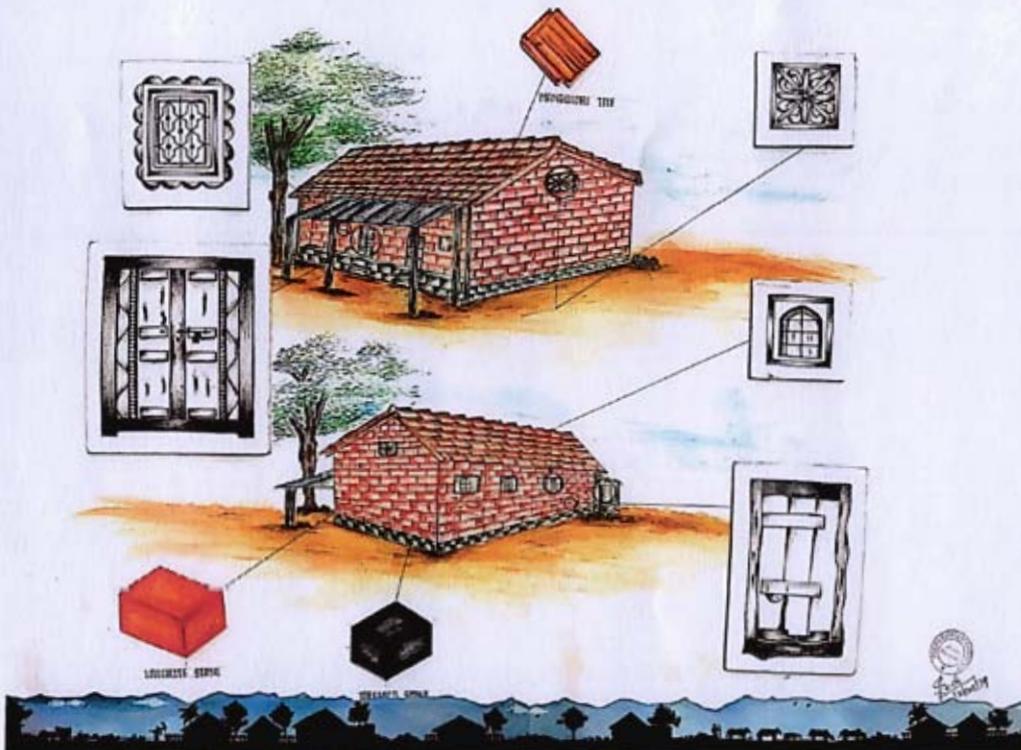
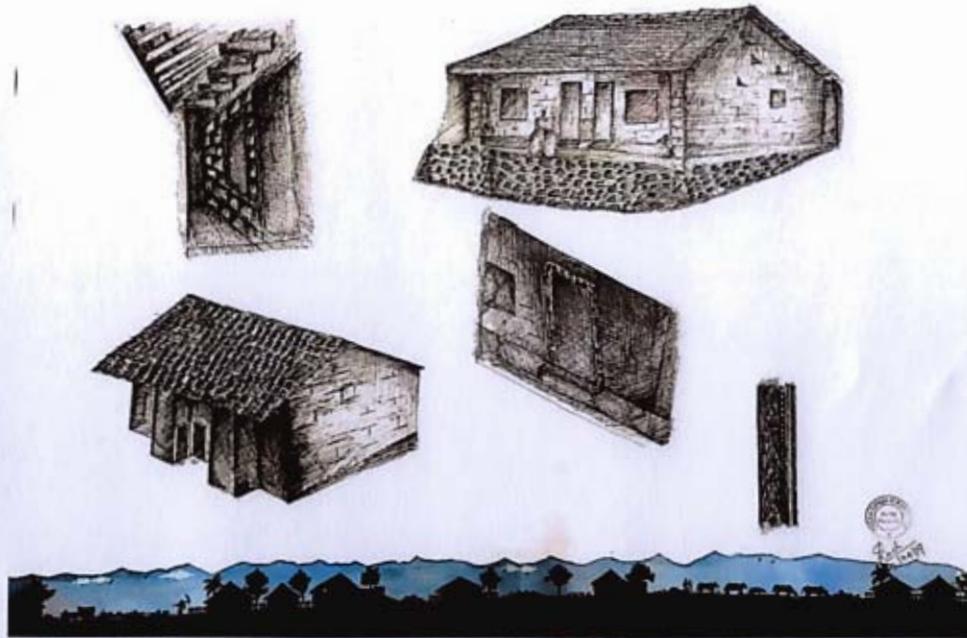
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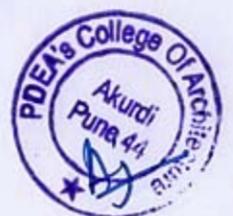
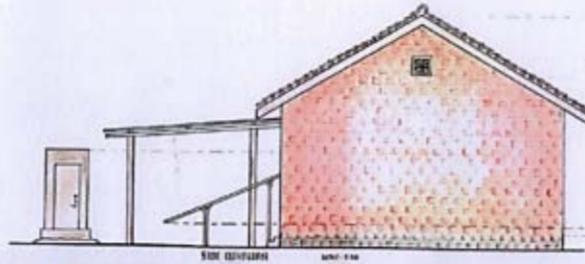
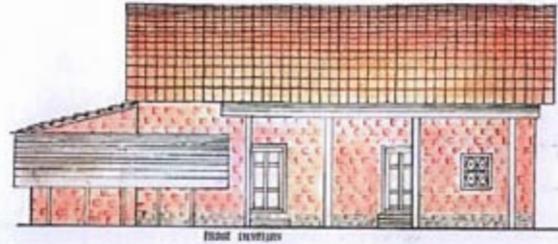
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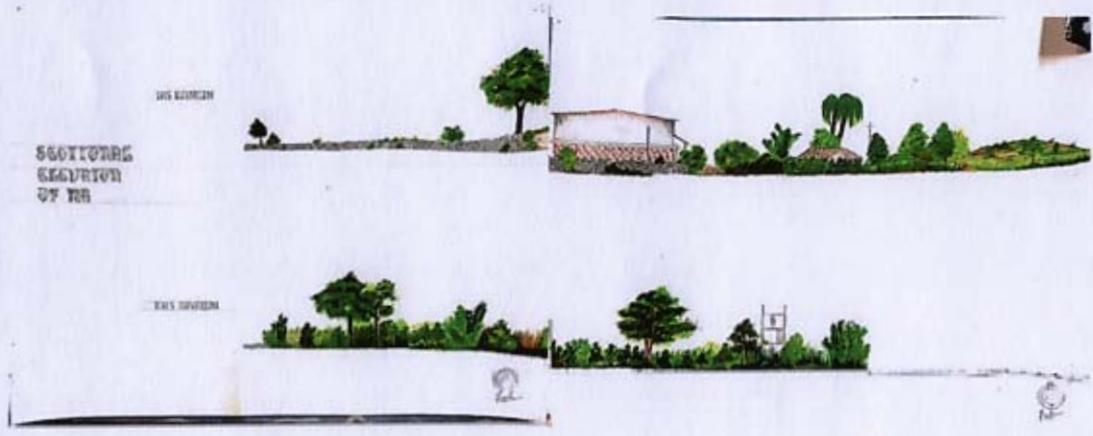
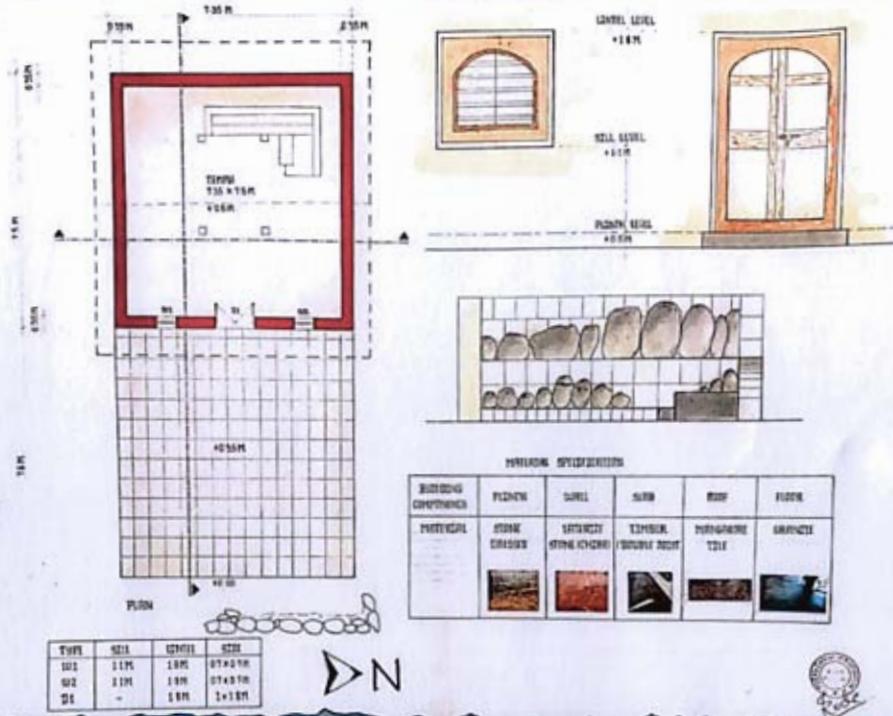
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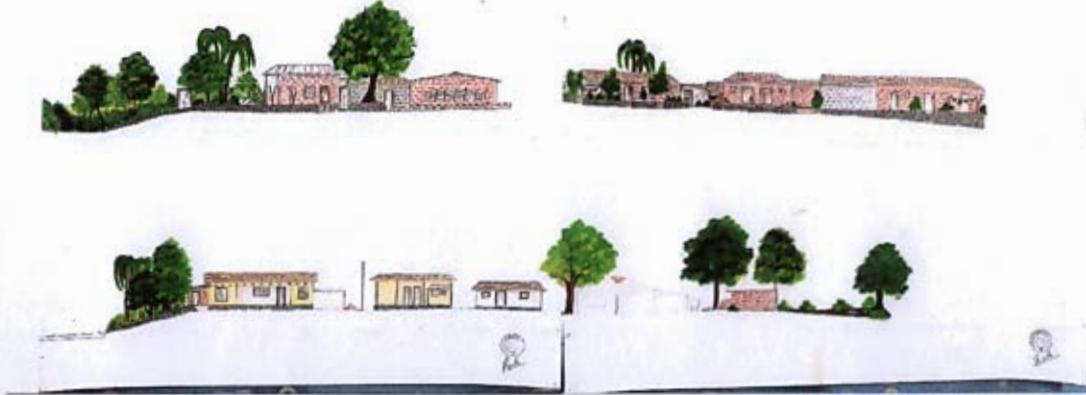
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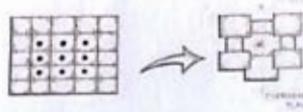
- After the Settlement study students derive that there were no medical facilities in the village. People have to go 15km from the settlement and it is too far in case of emergency.
- As per the requirement Students Design Primary Health Care Center(PHC)



CONCEPT

STRUCTURAL CONCEPT

- USING STRUCTURAL CONCEPT IS "WIDE" LIKE STRUCTURE
- FOR FIVE: SIDE ENCLOSED FORM AND OPEN TO SAY AT MODEL
- USING CORNER IN GRID FORM PATTERNS



GRID FORM AND SPACE (CONCEPTS):

- A SPERICAL PLAN IS CREATED IN GRID PATTERNS
- THE CENTRAL COURTYARD IS CREATED IN SPACE
- THE SURROUNDING AREA AND SURROUNDING LANDSCAP IS CREATED IN GRID PATTERNS



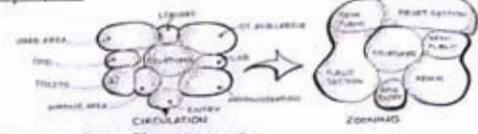
COURTYARD :-

- THE COURTYARD IS DEPRESSURE AND WINDING AREA IS ELEVATED
- THE TREE IS PLANTED IN MID IN COURTYARD AND THEY HELP AND CROSS VENTILATION
- THE COURTYARD IS DEPRESSURE IN THREE STOPS



SHADY FORMS:-

- RECTANGULAR TREES USED IN LANDSCAPING
- THEY HELP TO PROVIDE SHADY IN THE SUMMER AND ALLOW SUN TO WARM STRUCTURE IN WINTER



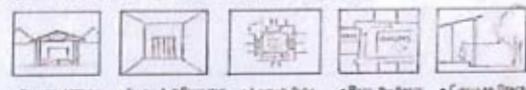
ZONING AND CIRCULATION :-

- ZONING OF HORIZONTAL (PH) DIVIDED INTO SIX ZONING

CIRCULATION ELEMENTS:-

BY A FINE (HORIZONTAL) PLAN USING A CIRCULATION ELEMENTS AS LINE :-

- ① APPROACH - ENTRANCE VIEW → USING A FRONTAL APPROACH
- ② ENTRANCE - GROUND TO LEVEL → USING FLUSH AND PROTRUSION
- ③ COLLABORATION OF PATH → USING LINEAR PATH
- ④ PATH SPACE RELATION → USING BOSS BY SPACE
- ⑤ FORM OF CIRCULATION SPACE → USING DESS (DE) CIRCULATION SPACE



USING ROOFING PATTERN :-

- BY USING PYRAMID PIP ROOF
- THEY HAVE FOUR SLOPE SLOP
- BY USING DOUBLE FAN ROOF
- THEY HAVE TWO SLOPE SLOP

USING MATERIALS :-

- BY USING "GUM" STONES
- WOOD USED IN KEEPING JOINTS
- MARBOLA TILE USED IN ROOF

"PHC CENTER DESIGN"



Site Plan (SCALE-1:200)

PHC CENTER DESIGN



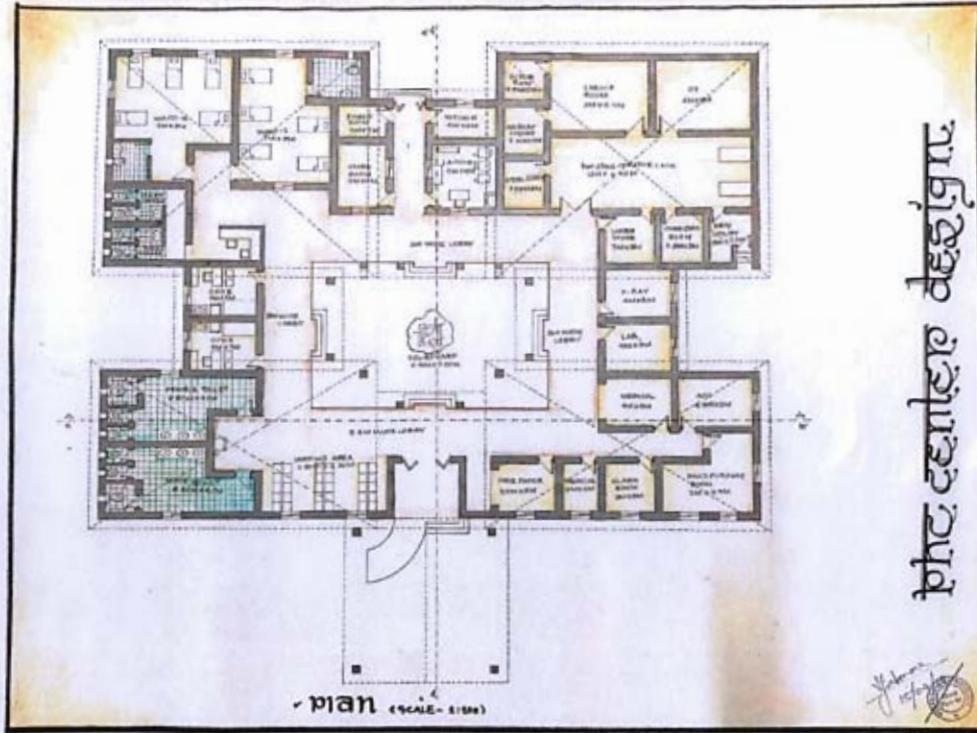
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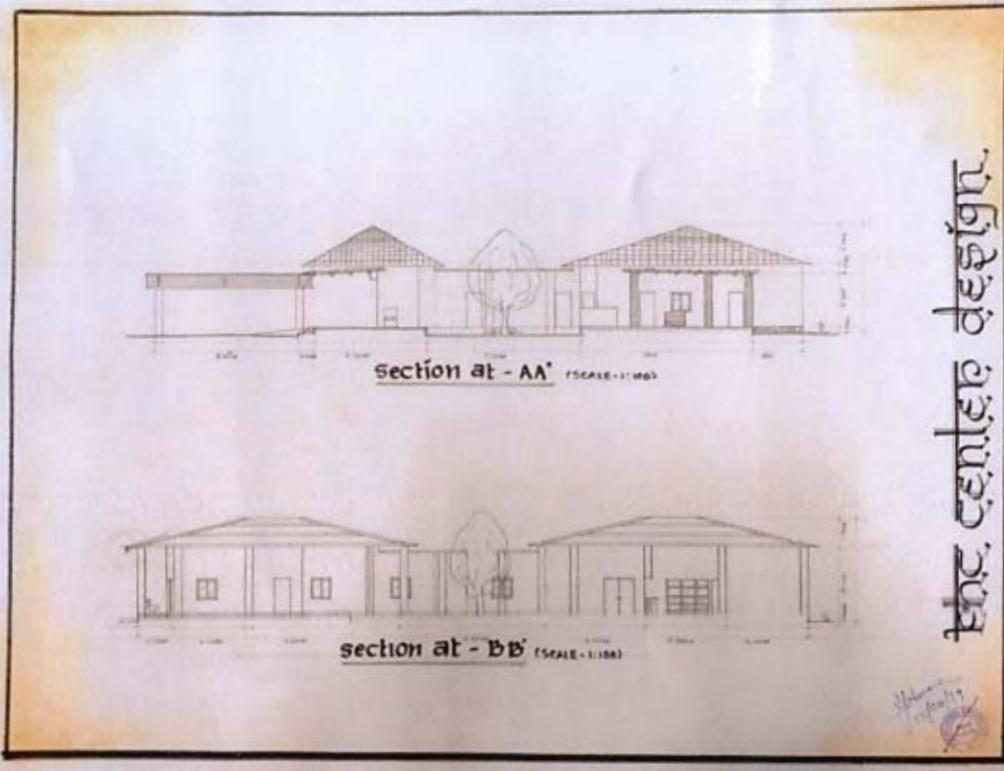


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the center design



the center design





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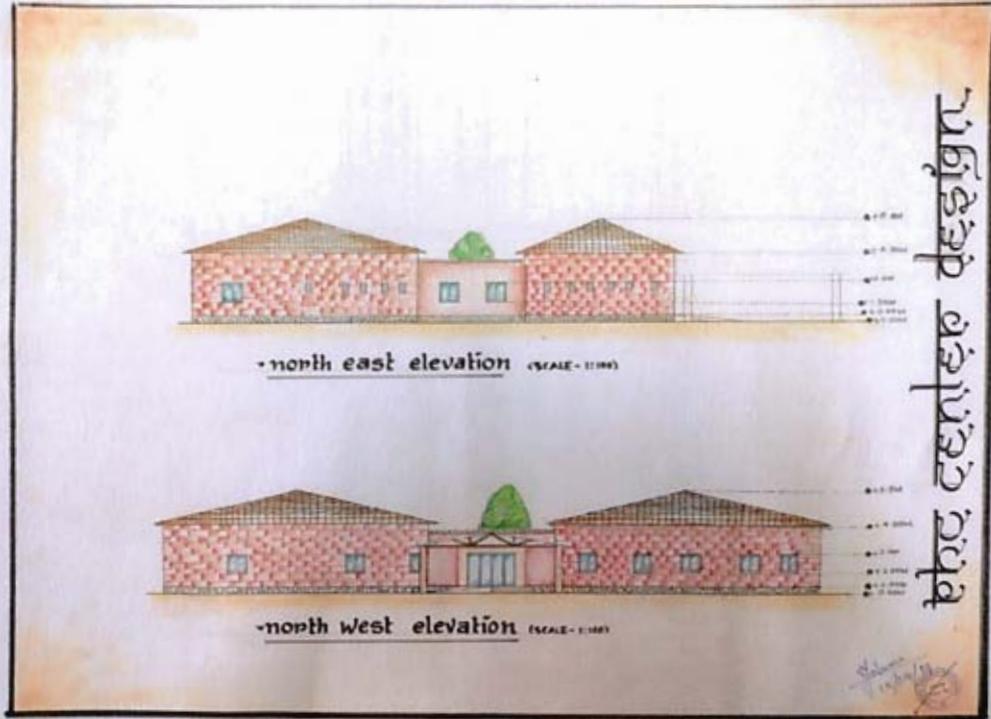
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STUDY TOUR ON TO CHAS (khed)

(Settlement study)

11 students of 1st year PDEA Along with the two Teaching faculties were taken to the chas ,Khed from 14-02-20 to 16-02-20.

Chas is a village in the state of Maharashtra , India on the left bank of Bhima River. Chas is under khed Taluka of Pune District in Maharashtra.

Aim :

The main aim of study tour is to aid students to acquire knowledge of functioning on village and factor affecting the settlement.

Objectives :

To study the types of load bearing structure.

To make a suitable plan and strategy for worthwhile development of settlement of study village.

To understand the various types of houses and the services provided to them.

Day 1 : 14-02-20

Students were taken to CHAS . The Settlement around the Chaskar Wada , Someshwar Temple & the chaskar wada were seen , there were Load bearing and old structures built with bricks as well as in the basalt stone. On the first day identified the area for the detailed study purpose.

Day 2: 15-02-20

Students started with the mapping of the identified area under the guidance of the teachers and detailed study of the someshwar temple and the chaskar wada were simultaneously done.

Day 3: 16-02-20

Students marked out all the services like electrical poles , Drainage etc and finished the work, Students also interviewed the people of CHAS. With all the data student and teachers returned to Pune.





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Conclusion: Study was successfully conducted which helps the students to learn more with practical Exposure



AIM: THE STUDY, ANALYSIS AND ANALYSIS THE SETTLEMENT IN AREA AND THE PROBLEMS AFFECTING THE SETTLEMENT

OBJECTIVE :

- TO STUDY THE TYPES OF LAND USE AND SETTLEMENTS
- TO MAKE A FUTURE PLAN AND STRATEGY FOR URBANIZATION
- TO UNDERSTAND THE VARIOUS TYPES OF HOUSES AND TO UNDERSTAND THE LAND USE AND THE SERVICES PROVIDED TO THEM

METHODOLOGY:

- LOCATION OF SETTLER
- PLANNING OF SETTLER
- POPULATION, OCCUPATION, FESTIVAL, UTILITY, ETC.
- STUDY AREA TO BE STUDIED: PHYSICAL, SOCIAL, ECONOMIC, CULTURAL, ETC.
- RESEARCHING DATA AND ANALYSIS
- DESIGNING : TOPOGRAPHY AND SETTLEMENT IS RELATED
- STUDY OF MATERIALS AND UTILIZATION
- RESEARCHING

WHAT IS SETTLEMENT?

A SETTLEMENT IS A PLACE WHERE PEOPLE LIVE AND INTERACT THROUGH PHYSICAL, SOCIAL, ECONOMIC, CULTURAL AND ENVIRONMENTAL SETTLEMENT. IN ADDITION, HELP US TO UNDERSTAND THEIR RELATIONSHIP WITH LAND AND ENVIRONMENT. SETTLEMENT IS OFTEN CORRELATED BETWEEN FUNCTIONAL, POPULATION DENSITY AND SETTLEMENT DENSITY.

LOCATION:

TEMPERATURE : 25°C
 ALTITUDE : 1000 FT
 DISTANCE : 15 KM FROM
 CORNER : 100-150 AND 100-150 METER

HISTORY:

- IT IS THE FUNCTION OF MAKING THE LIFE OF PEOPLE EASIER.
- THE PEOPLE IN SETTLEMENT LIVE IN A GROUP AND SPREAD AROUND THE AREA OF LAND.
- WITH A FUTURE PLAN FROM VARIOUS ASPECTS THE SETTLEMENT BECOMES ORGANIZED.
- IT IS ONE OF THE STRATEGIES TO MAKE THE SETTLEMENT IN A GOOD WAY AND IN A PLACE OF A TOWN.

FESTIVALS :

- SHRIMPANDEVI
- CHIT
- SHRIMPANDEVI

ERPS :

THE FOUR SEASONS OF THE VILLAGES IS AGRICULTURE, THERE ARE MANY DIFFERENT TYPES OF LIFE.

- WINTER
- RAIN
- MONSOON
- WINTER

FLORA AND FAUNA

SERVICES :

- ROAD
- ELECTRICITY
- WATER
- WATER

THE VILLAGES IS CONNECTED THROUGH A SEPARATE ROAD FROM THE VILLAGES. THERE ARE MANY TYPES OF LIFE IN THE VILLAGES. THERE ARE MANY TYPES OF LIFE IN THE VILLAGES. THERE ARE MANY TYPES OF LIFE IN THE VILLAGES.





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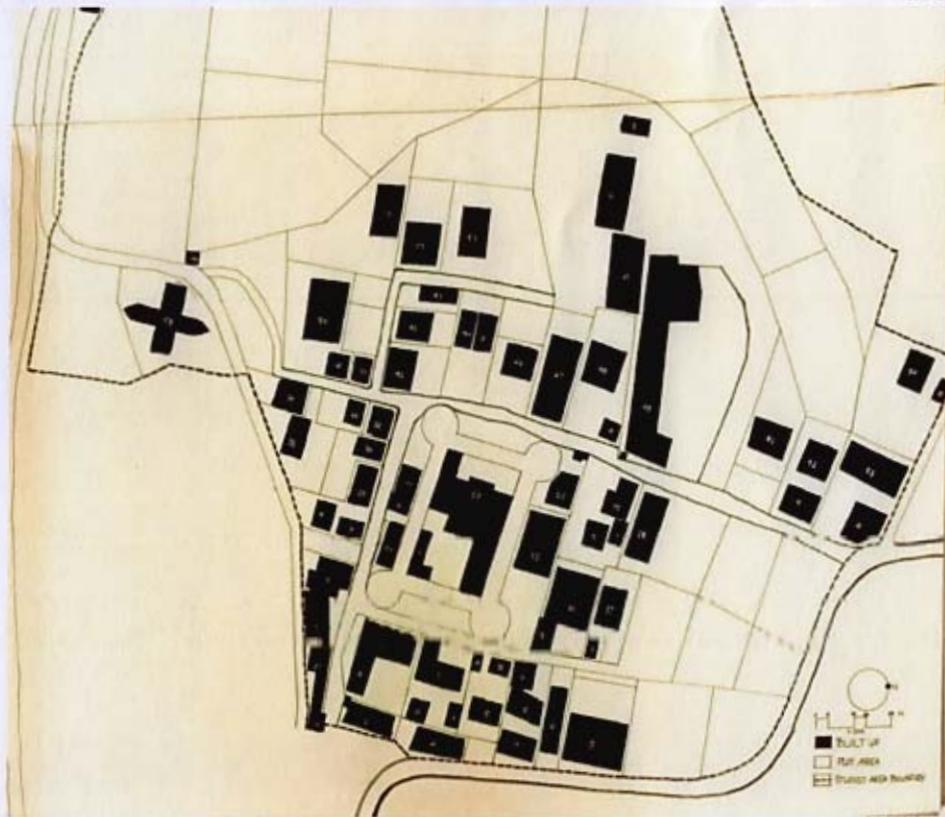
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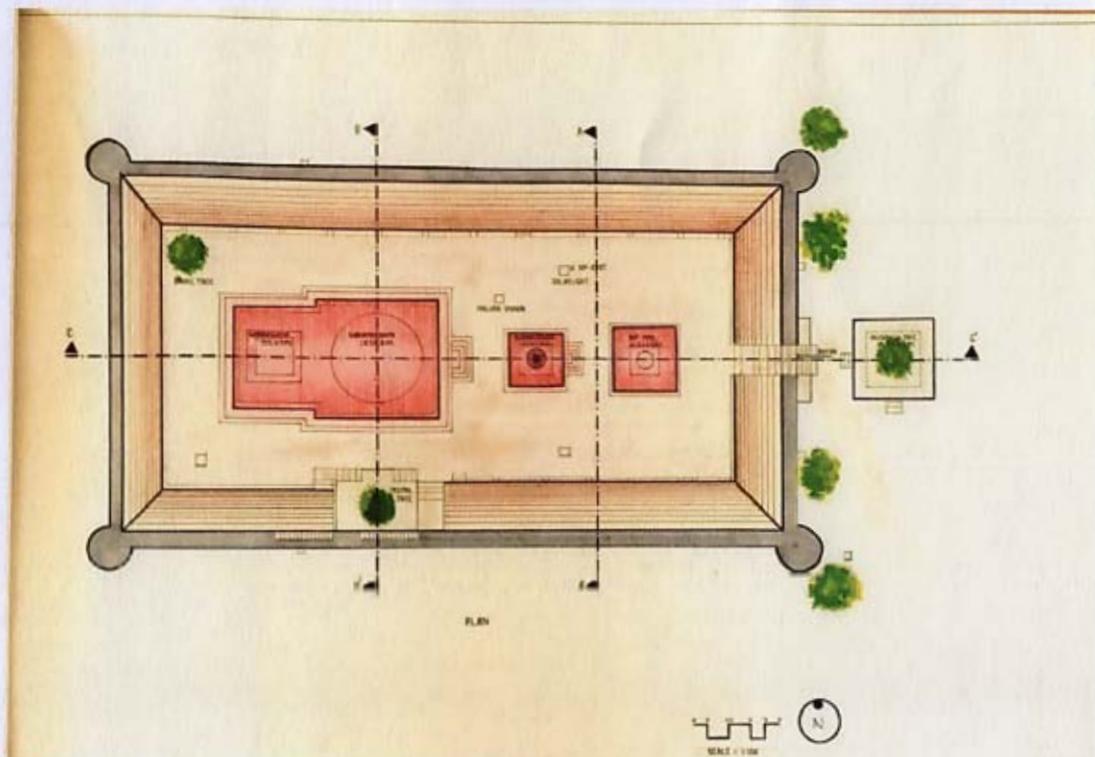
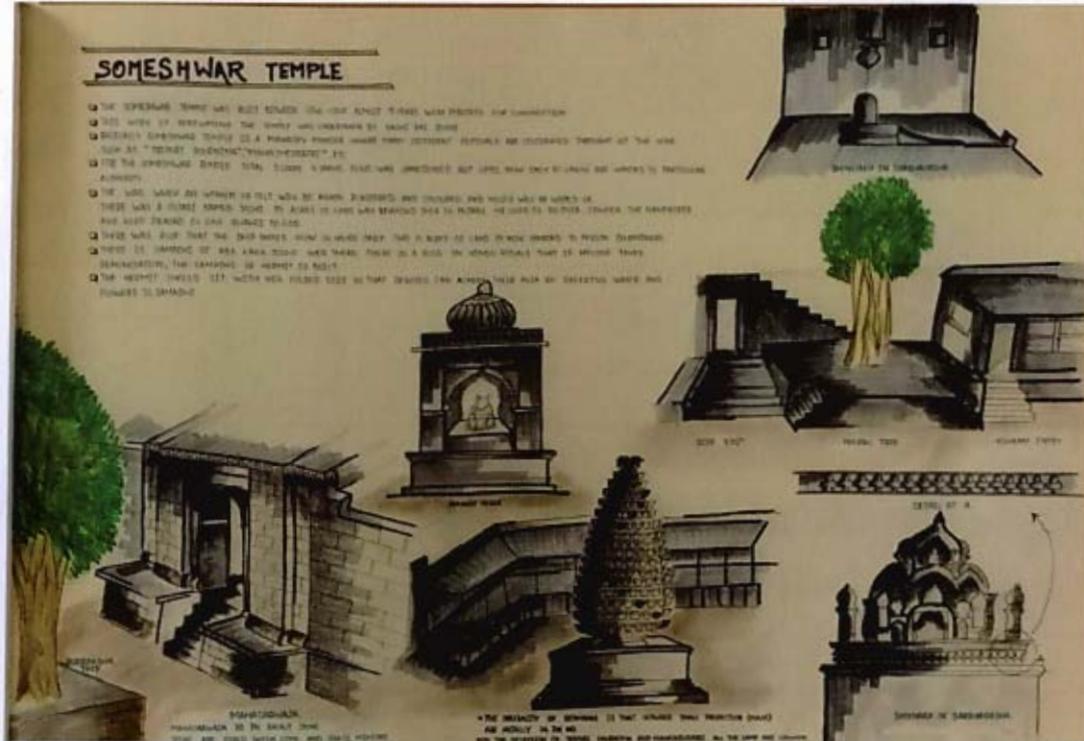


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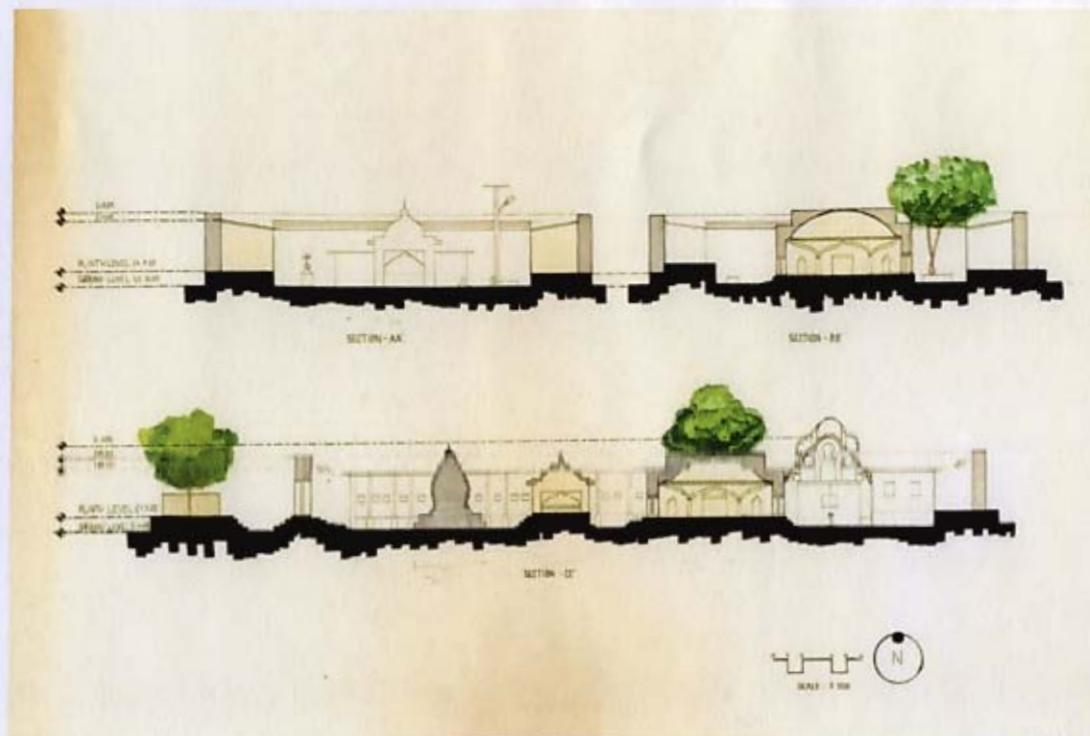
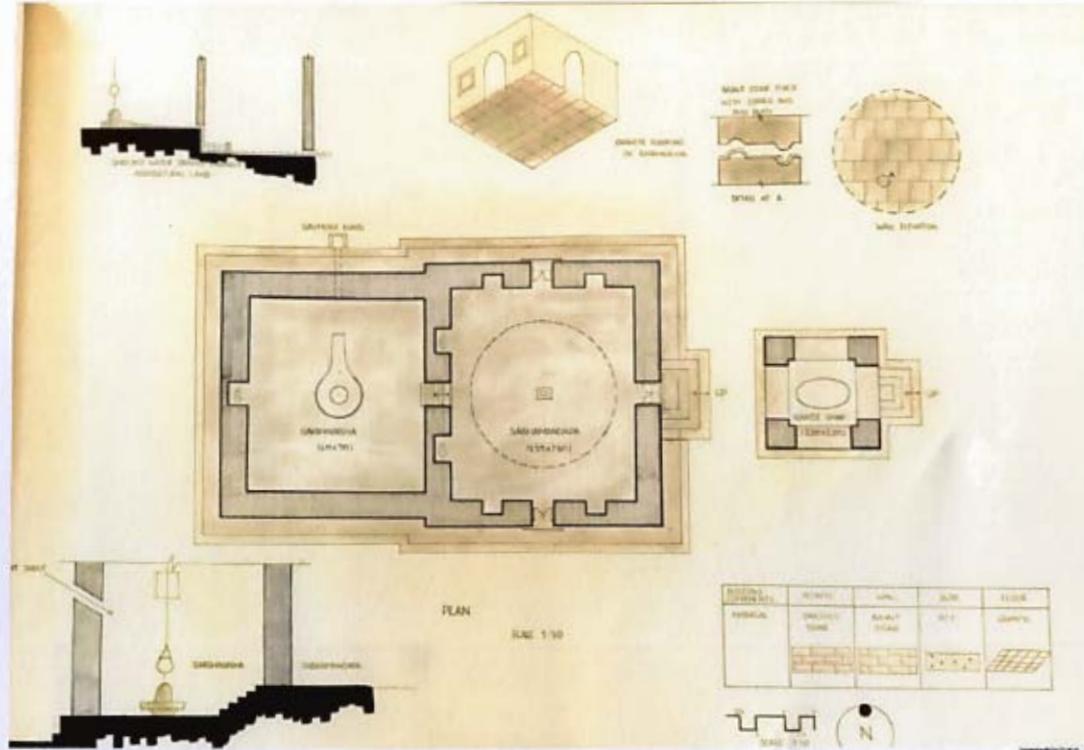
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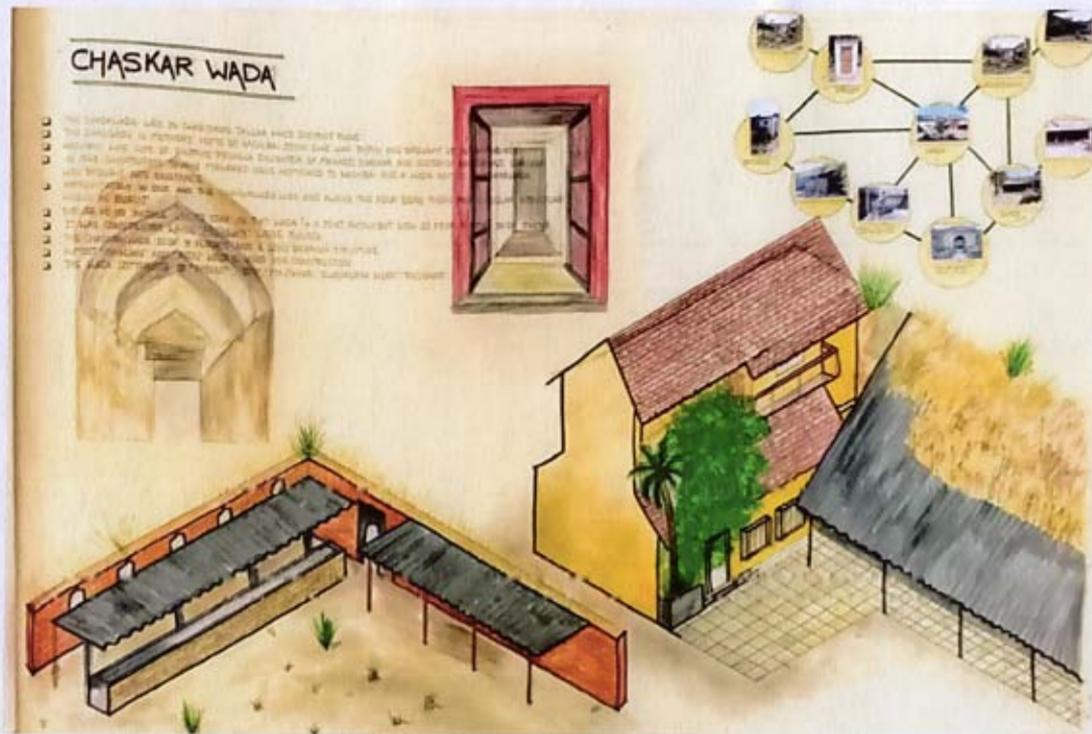
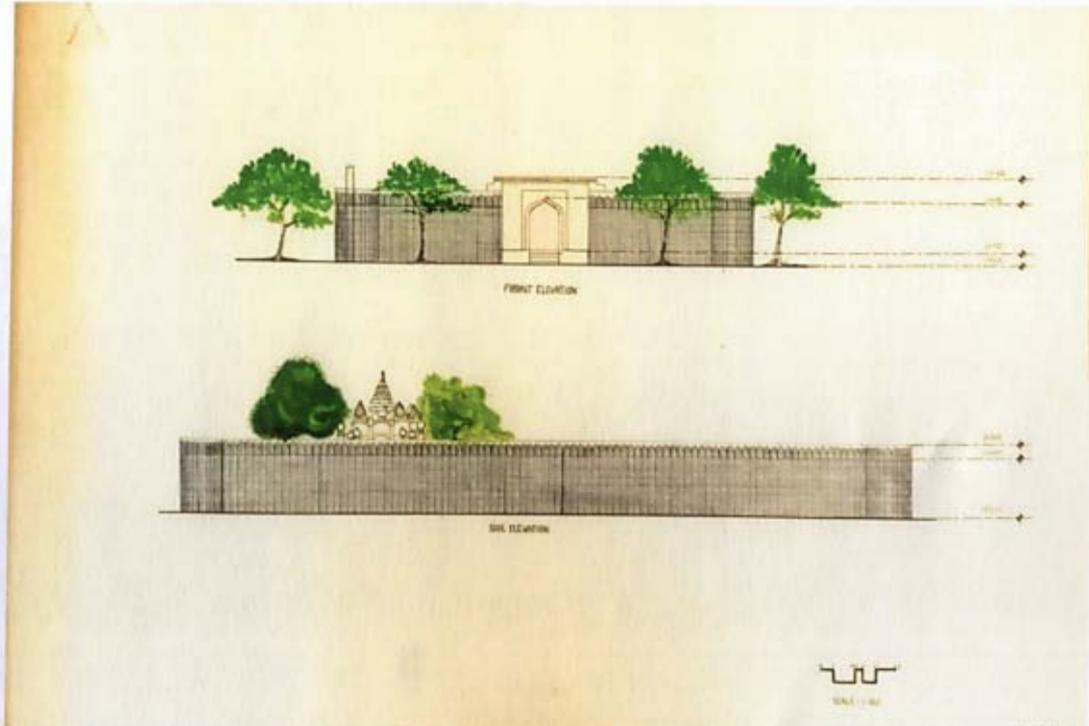
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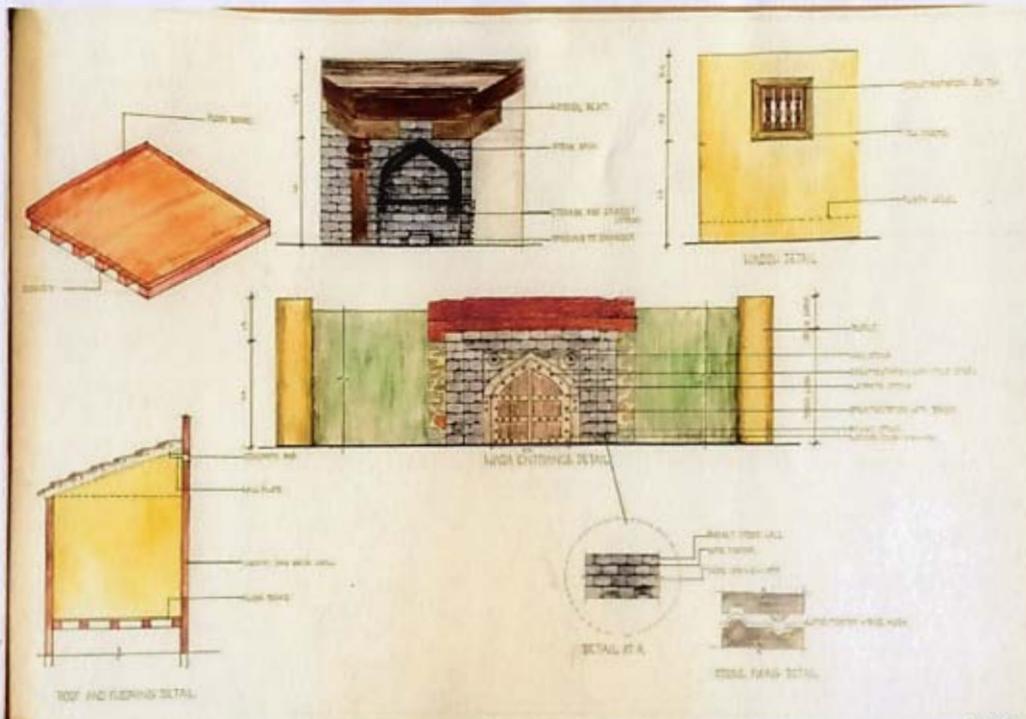
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Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)

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RHABA, JAISLMER



AIM
> TO STUDY IMPRESSIONS AND ANALYZE THE SETTLEMENT IN RAJASTHAN AND THE FACTORS AFFECTING THE SETTLEMENT

OBJECTIVE
> TO STUDY THE TYPE OF LAND USE AND STRUCTURE.
> TO STUDY THE SPECIFIC CULTURE.
> TO MAKE A SUSTAINABLE PLAN AND STRATEGY FOR SUSTAINABLE DEVELOPMENT OF SETTLEMENT OF STUDY VILLAGE.
> TO UNDERSTAND THE VARIOUS TYPES OF HOUSES AND TO UNDERSTAND THE LAYOUT OF THE VILLAGE AND THE SERVICES PROVIDED TO THEM.

METHODOLOGY
> LOCATION IS DEFINED
> HISTORY OF LOCATION
> HISTORY OF SITE
> CLIMATE, CULTURE, POPULATION ETC.
> STUDY AREA IS DEFINED BASED ON NATURAL BOUNDARIES, TOPOGRAPHY AND VEGETATION
> STUDY OF MATERIALS AND VEGETATION
> INFERENCE

MAP

HISTORY

> Jaisalmer is a famous village of Rajwade, who arranged this place 200 years ago due to Jaisalmer's location.
> The existing structure of the fort still has the history of the royal family and families that used to live here.
> Jaisalmer was built back in the 12th century AD and was once an important port in Rajasthan & Gujarat, founded by Rawal Jaisalmer.
> The remains of the village look like a well-planned settlement with a temple surrounded by several houses.
> Strategy used by the ruler to build the fort.



CLIMATE

- IN THE DESERT AREAS IT IS USUALLY HOT & DRY CLIMATE. JAISALMER, BEING AN ARID DESERT REGION, IS PRONE TO EXTREMES IN TERM OF TEMPERATURE.
- THE MAXIMUM SUMMER TEMPERATURE IS AROUND **48°C (118°F)** AND MINIMUM IS **25°C (77°F)**.
- THE MAXIMUM WINTER TEMPERATURE IS AROUND **22.6°C (74.8°F)** AND MINIMUM IS **5°C (41°F)**.
- THE AVERAGE RAINFALL IS 209.5 MILLIMETERS.

*** CULTURE**

- MOST OF THE NATIVE POPULATION OF JAISALMER FOLLOWS HINDU RELIGIOUS CUSTOMS AND RITUALS.
- THE TRADITIONAL FOLK MUSIC AND DANCE IS AN INTEGRAL PART OF THE SOCIAL AND CULTURAL LIFE OF THE INDIGENOUS INHABITANTS OF JAISALMER. KALSBIYA DANCE OF THE COMMUNITY OF SHAME CHAMBERS PORTRAYS THE RICH ARTISTIC CALIBER AND CREATIVE IMAGINATION OF THE DANCERS.

*** MATERIAL**

BUILDING CONSTRUCTION THE COMMON BUILDING MATERIAL USED IN JAISALMER IS STONE OF WHICH THERE ARE TWO TYPES. LIGHT BELLISHISH SANDSTONE IS USED FOR WALLS WHICH ARE 0.45M OR MORE IN THICKNESS. IN BETTER QUALITY CONSTRUCTION THE STONE IS DRESSED AND JOINTS MADE ACCURATELY WITHOUT ANY MORTAR.

*** SOIL CONDITION**

WATER ALONGSIDE AND SALTWATER ROADS WITH A CALCAREOUS BASE. THERE IS SOME NITRATE CONCENTRATION IN THE SOIL OF THESE REGIONS. THE JAISALMER REGION HAS REDDISH SAND THAT VARIES FROM SANDS TO SANDY LOAM.

*** FLORA - FAUNA**

FLORA - SONL, KHIR, BHIR, DHOK, KEJRI, PALM TREES, BER, RAK, SHIRUB, SEWAK, GRASS, ETC.

FAUNA - **BIRDS** - GREAT INDIAN BUSTARD, FALCONS, EAGLES, VULTURES, BEE-EATERS, SHIKAS, LARKS, DEMIGRELL CRANE, MARWADI'S BUSTARD, SANDGROUSE, LONG-LEGGED, HORNED BUZZARDS, CHATS, BRIBBLERS, VITES, ETC.

- KEJRI OR MOSOPOD CICHENKARIA ARE THE MOST ABUNDANTLY FOUND TREES IN THE RAJASTHAN.












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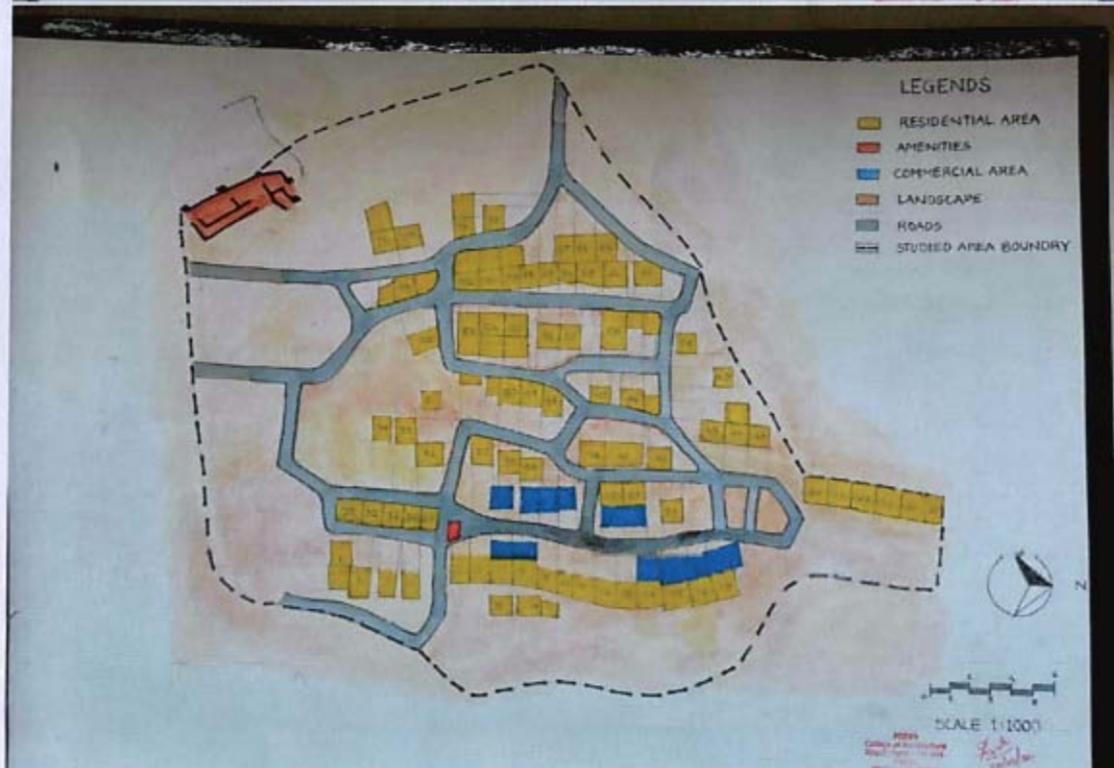
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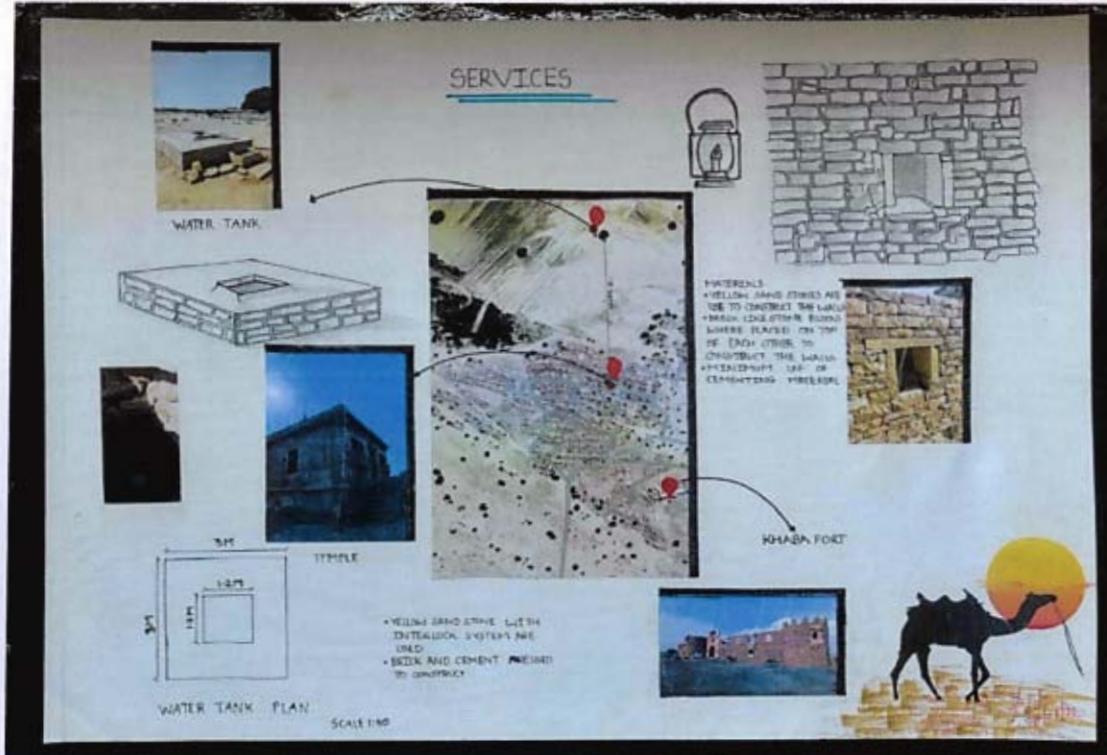
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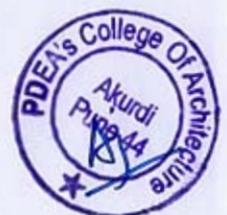


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- After the Settlement study students derive that there is requirement of Exhibition center.
- Students design **Exhibition center**.





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STRATEGY

CLIMATE

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp (°C)	22.0	25.0	28.0	32.0	35.0	37.0	38.0	37.0	34.0	30.0	26.0	23.0
Humidity (%)	65	68	72	78	82	85	88	85	78	70	65	62
Rainfall (mm)	10	15	25	45	75	120	180	220	180	100	40	15
Wind Speed (km/h)	12	15	18	22	25	28	30	28	25	20	15	12

SITE PLAN





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STUDY TOUR TO DHARMASHALA AND PUNJAB REPORT



ABSTRACT

A field trip is an opportunity for students to visit sites of national significance and to study historic, contemporary and vernacular architecture. Field trips enrich student's learning through active hands on experience. Such activities enhance student's knowledge about architecture and provoke critical thinking, historic empathy and sustained interest in the subject. The study trips are mandatory and provide unique opportunities for students to explore and learn outside classrooms with exposure to real world issues in an informal interactive forum.

Pune District Education Association's College of Architecture (PDEA COA), Pune, had organized a settlement study trip to Dharamshala, Himalchal Pradesh and Punjab for T.Y.B.ARCH students from 19th Nov. to 26th Nov. 2019. The students were accompanied by faculty members, Ar. Prachi Agrawal, Ar. Rashmi Rawat, Ar. Abhijit Bhagat, and Ar. Deepali Randhe. The place of stay and the settlement study was in Mclodeganj, Dharamshala. The various aspects that the students studied were natural and built environment, socio-economic aspects, cultural and religious heritage, etc. Along with this housing typology and its materials were also studied hand in hand in detail.





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OUR JOURNEY

Our train journey began from Pune Station on 19th of November 2019 at 5:30 pm. It was a two day journey to Pathankot railway station. We reached on 21st of November at 8:30 am. We travelled by bus further to Mcloedganj, Dharamshala. We reached to our hotel by 1:00 pm.

DAY 1:

On the first day of our tour we visited the Tibetan Parliament in Exile and the Tibetan Library Works and Archives.

In our visit to the Tibetan Parliament we were informed about the constitution that runs for the Tibetan community. It acts as a major place where the decisions were made for the entire community that is spread all over the world. They also conduct annual meetings with the foreign delegates which makes decisions for the welfare of the people.

The Tibetan Library Works and Archives is nearly 50 yrs. old library. There consists a large number of books related to their culture, art, architecture, etc.



DAY 2:

Our day 2 started with a visit to the Norbulingka Institute which had a great influence of Tibetan architecture. Lemo – the guide gave us the information about the whole institute and the courses that were conducted there. The institute offers different certified courses such as carving, sculpture, stitching, Thangka painting- the painting devoted and based on the Tibetan Gods, etc. The campus also consisted a museum, a temple and a retail shop. The whole campus is designed under the concept of Avalokitesvara -their God

Next we visited Dolma Ling nunnery where we did our scheduled case study under design subject. We got to know and experience the lifestyle and philosophies of the nuns living there.

HCPA Cricket Stadium: It is famous for being the highest altitude stadium in the whole world. The Himalays in the background enhance the beauty of the stadium





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DAY 3:

our day started with visiting the Saint John's Church. It is built in the British era. It is situated in the wilderness of Mclodeganj, Dharamshala.

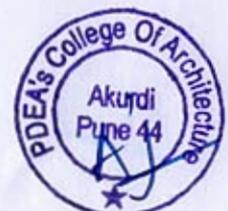
While proceeding towards our next destination, we made a stop to the famous tea gardens of Dharamshala. They are simply breathtaking and extremely fresh, one gets plenty of sites for photography. The drive up into the hills with tea plantation all around was really very soothing.



The next halt for the day was the Kangra Art Museum, Kangra. The museum consisted of paintings featuring their king and queen. The paintings depicted the whole month cycle in it. The museum also have different types of jewelry, traditional clothes, artifacts etc

We called it a day by visiting scenic Bhagsu Waterfall, Mclodeganj. It is just about 1km walking distance from the Bhagsu Nag temple. The waterfall added a kind of adventure in our tour. The way to the waterfall is quite adventurous as well as full of natural beauty. The beauty of nature and sound of water releases all your stresses. The water over here is so crystal clear that anyone could see through it. It was a place worth visiting.

Our Dharamshala tour ended with proceeding to our next destination of Punjab.





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Visit to Amritsar (Punjab) during 24.09.2019 to 26.09.201

OBJECTIVES

To study and appreciate the rich cultural heritage of the state.

To study the Architecture near the golden temple.





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DAY 4:

We reached Amritsar. Later on in the evening we visited the Golden Temple.

DAY 5:

Our day started with the visit to the Jallianwala Bagh. After that we again visited the golden temple and had the mouth watering Lunger. Then we made our visit to the Wagha Border. The atmosphere over there filled us with a feeling of patriotism.

DAY 6:

We did the settlement study of the lanes near the golden temple. We were divided into three groups and each of the group did the study of three different lanes. Later on we did our shopping and left for the train journey to Mumbai.

Conclusion

This report gave an overview of what we learned about the culture and architecture during the study tour. We experienced the variations in the structures due to the temperature differences in both the places i.e. Dharamshala and Amritsar

