

Sipna Shikshan Prasarak Mandal, Amravati

# Sipna School of Planning and Architecture



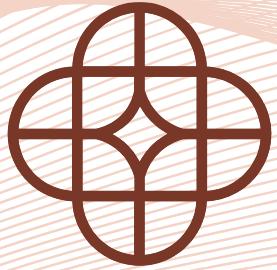
2024-25

Sipna  
qāfi  
a continues flow of Art & Knowledge...

## Our Inspiration



# Swami Vivekanand



# About Magazine

Welcome to the latest edition of our College Magazine **Sipna प्रवाह** – a continuous flow and vibrant reflection of the voices, talents, and spirit that define our institution Sipna School of Planning & Architecture.

This publication is more than just a collection of articles and images; it is a celebration of creativity, critical thinking, and student expression.

Through poetry, stories, interviews, artwork, and academic achievements, this magazine brings together the diverse experiences of our college community. Each page captures the passion, innovation, and dedication of our students, faculty, and staff. Whether you are flipping through for inspiration, entertainment, or reflection, we hope this magazine connects you with the heart of our campus – where ideas flourish, talents are nurtured, and stories are shared. Let this issue serve as a reminder of what we can accomplish when we come together with purpose and imagination.



Co-ordinator  
**Prof. Shekharsingh Thakur**  
SSPA, Amravti

## Magazine Committee



Asst. Co-ordinator  
**Prof. Shruti Likhitkar**  
SSPA, Amravti



Student Co-ordinator  
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<b>Samruddhi Mandwe</b>	- Member
<b>Kaustubh Kukadkar</b>	- Member
<b>Sarvekshani Kumbhare</b>	- Member
<b>Palak Chandurkar</b>	- Member

# Introduction



**Sipna Shikshan Prasarak Mandal**, established in the year 1995, aims to impart higher & technical education to the enthusiastic youths and envision them for a better tomorrow.

Since its inception, SSPM has been successfully running undergraduate and postgraduate courses in emerging areas through Sipna's Arts, Science & Commerce College, Chikhaldara, Sipna College of Engineering & Technology, Amravati, Sipna School of Planning & Architecture, Amravati and Sipna Junior College, Amravati affiliated to Sant Gadge Baba Amravati University, Amravati. We have already marched towards various Postgraduate, Management and Research Programs.

The **Sipna School of Planning & Architecture** (SSPA) was started in year 2019 to provide professional education to the students in the region and around. The College is located in Amravati, an educational hub of Maharashtra.

Sipna School of Planning & Architecture is an unaided Architecture college approved by the Council of Architecture (COA), New Delhi, DTE Mumbai and affiliated to Sant Gadge Baba Amravati University, Amravati (Maharashtra).



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# Speech & Message from President



**Hon. Jagdish M. Gupta**

President

Sipna Shikshan Prasarak Mandal

It gives me an immense pleasure to introduce to you the Sipna School of Planning & Architecture. The institute is conceived as a multidisciplinary center of learning where architectural education is considered as a total personality development program.

Sipna School of Planning & Architecture is a premier institute of Maharashtra established in the year 2019 with an aim to provide high quality education in the field of Architecture and to cater to the basic need of shelter.



**Ar. Prof. Smita S. Kasat**

Principal

Sipna School of Planning and Architecture

# Speech & Message from Principal

It is indeed a very proud moment to pen down this message for our first college magazine '**प्रवाह**'. The continuous efforts of the entire magazine team, along with the valuable guidance of our faculty, have brought this beautiful issue to life.

This magazine reflects our sustained commitment to the holistic development of students, hand in hand with academic excellence.

It is a matter of great pride that SSPA has been recognized with the Council of Architecture Award, New Delhi for Learning Beyond the Classroom and a Gold Medal from Sant Gadge Baba Amravati University for Academic Excellence.

I once again congratulate the magazine team and wish them the very best to continue on this creative journey.



# FACULTY INTRODUCTION



Ar. Prof. Smita S. Kasat  
Principal  
M.Arch (General)



Prof. Sarang P. Holey  
Associate Professor  
B.Arch, M.Des, PG Dip-ACM,  
PG Dip-UPDL



Prof. Ankush P. Pachgade  
Associate Professor  
B.E., M.E (Structural Engi.),  
LMICI, LMISTE



Prof. Neha P. Kawane  
Assistant Professor  
B. Arch, M. Tech  
(Town and Country Planning)



Prof. Shekharsingh A. Thakur  
Assistant Professor  
B.Arch, M.Des  
(Industrial Architecture)



Prof . Payal A. Bhuibhar  
Assistant Professor  
B.Arch , M.Tech  
(Town & Country Planning)



Prof. Ajinkya V. Malokar  
Assistant Professor  
B. Arch, M.Arch (Urban Design)



Prof. Shruti P. Likhitkar  
Assistant Professor  
B.Arch M.Arch (Urban Design)



Prof. Yash G. Sahu  
Assistant Professor  
M.E (Structural Engineering)



Prof. Dhanashri A. Pande  
Assistant Professor  
B. Arch, M.Arch  
(Landscape Architecture)



Prof. Anagha N. Junghare  
Assistant Professor  
B.Arch



Prof. Gayatri K. Deshmukh  
Assistant Professor  
BFA Painting, BFA]  
(Applied Arts in UX/UI)



Prof. Kunika A. Tadas  
Assistant Professor  
B.Arch, M.Arch (Urban Design)

## — Visiting Faculty —



Mr. Aniruddha R. Mantri  
Assistant Professor  
MSA, GD Art, D Ped, CTC, ATD



Ar. Chintan D. Pasad  
Assistant Professor (Visiting)  
B.Arch, M.Arch  
(Environmental Architecture)

## — Supporting Staff —



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I/C Librarian



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Mr. Sachin D. Nagarkar  
Administrative Personnel



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# Societies & Club

## Heritage club

Name of Student	Year	Designation
Rushikesh Kalmegh	4 <sup>th</sup> yr	President
Sarthak Bhor	4 <sup>th</sup> yr	Vice President
Akshata Raut	4 <sup>th</sup> yr	Member
Vaibhav Zanwar	3 <sup>rd</sup> yr	Member
Ronit Lanjewar	2 <sup>nd</sup> yr	Member
Gauri Ansikar	2 <sup>nd</sup> yr	Member



- Khorgade Wada at Sawarkhed, Walgaon, Amravati



- Hinglaspur, at Loni, Amravati

# Nature club

Name of Student	Year	Designation
Siddhi Dongare	4 <sup>th</sup> yr	President
Devashree Baporikar	4 <sup>th</sup> yr	Vice President
Dhanwantari Pawar	4 <sup>th</sup> yr	Member
Mrunmai Shastri	3 <sup>rd</sup> yr	Member
Renuka Ulhe	2 <sup>nd</sup> yr	Member
Shivani Sharma	2 <sup>nd</sup> yr	Member



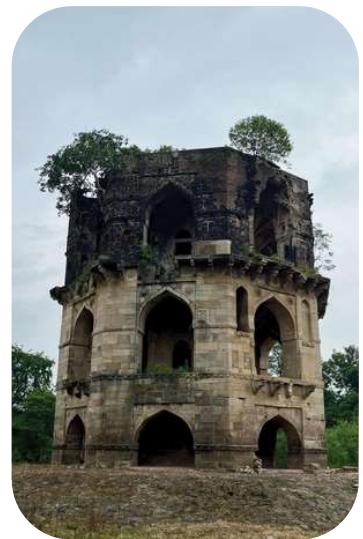
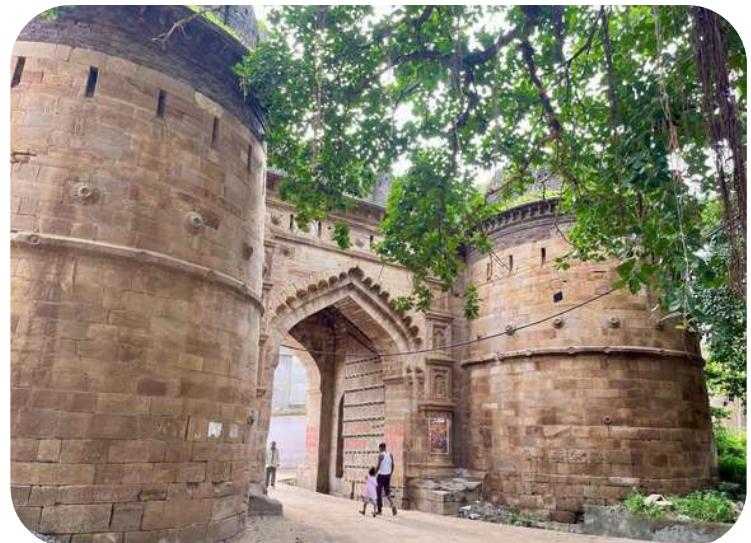
- Tree Plantation



- Eco-friendly Ganpati Making Workshop

# Photography

Name of Student	Year	Designation
Amol Bhajipale	4 <sup>th</sup> yr	President
Rishikesh Arade	4 <sup>th</sup> yr	Vice President
Yash Chokhat	4 <sup>th</sup> yr	Member
Kafil Razvi	3 <sup>rd</sup> yr	Member
Disha Rathi	2 <sup>nd</sup> yr	Member
Prathmesh Thakur	2 <sup>nd</sup> yr	Member



# Sports club

Name of Student	Year	Designation
<b>Mayank Chauhan</b>	<b>4<sup>th</sup> yr</b>	<b>President</b>
<b>Aditi Gabhane</b>	<b>3<sup>rd</sup> yr</b>	<b>Vice President</b>
<b>Gayatri Sukhadia</b>	<b>4<sup>th</sup> yr</b>	<b>Member</b>
<b>Ishwari Mahajan</b>	<b>3<sup>rd</sup> yr</b>	<b>Member</b>
<b>Vaibhavi Milkhe</b>	<b>3<sup>rd</sup> yr</b>	<b>Member</b>
<b>Anshika Sonone</b>	<b>2<sup>nd</sup> yr</b>	<b>Member</b>



# SPACES IN ARCHITECTURE

There is difference between sound and music. When something hits our heart, our ears, our senses, we say yes it's musical. Similarly there is difference between an ordinary building, good building and then a building which is memorable. ARCHITECTURE is that art, what you remember, what you cherish, where you want to go back again.

HOW DOES IT HAPPEN? Actually it's not mechanical process.... it's a process of designer who is thoughtful of anthropometric, ergonomics, circulation, who is cultural, sensitive, creative, aware of context.

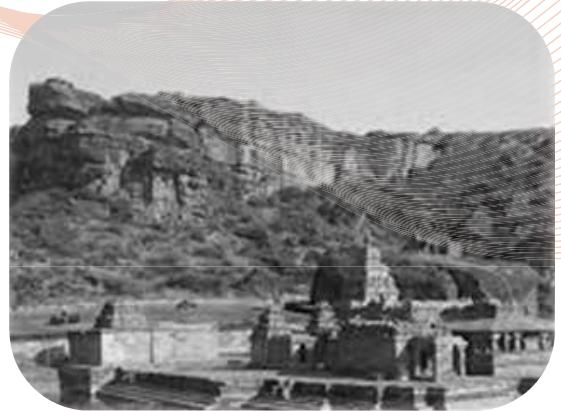


Now WHAT DOES HE/SHE DO? Architect looks at Earth, Sky, Breeze, Light, Rain, Air, and surrounding landscape. Now He/she assimilate all this together in certain proportions and then gives it a character and then creates the SPACE in which there are windows, opening, connection to ground to sky and human begin to feel constantly connected with these cosmic forces, that space or that character of building is "ARCHITECTURE" For an architect his temple is his home, the place where he lives. The best way to challenge is it's own place as in that space you are free, you breathe at each corner, your personality reflect in your own designed home. It says nothing and it says everything. Home is Museum of memories, bundle of feelings where you want to go again, again and again. **TATHASTU** my place, almost 9 years I am living here and I am always fascinated that how this home even work so well. All architectural terms scale, proportions, movement, open and private spaces, double height, connection between horizontal and vertical planning, even play of light... all those things combine works phenomenally. Concept of open to sky at Brahmasthan, heart of building radiates energy attract whole planning and gradually building begins to manifest by itself. All this things means manipulating dimensions relationship and spatial configuration. Then gradually drawing axis and adding other blocks like game of balance. Obsession of light created a spaces like cut-out in ceiling to penetrate natural light indirectly in filtered format and then entire volume glow into SPACE.

SPACE becomes beautiful forming new vocabulary .it lit staircase, contrast soft shadow modulate the surface and this modulation of surfaces is what we call architectural detailing. **BUILT FORM DISAPPEARS WHEN OPEN SPACES DOMINATE.** These all elements are basic raga to play our music and get a completely different palette. spaces should reinterpret, enhance communication which is more interactive.

**Prof.Smita S.Kasat**  
SSPA, Amravati

# विरासत...



मै आज भी देखु तुम्हे तो, मुझे तुम्हारा कल याद आता है,  
किसी की कल्पना रही होंगी, तो किसी ने तुम्हे सरहाया होगा ..

क्या हुआ होगा तब, मै आज में तेरा कल जीता हु  
जीकर पता चलता है की, कितना हसीं ये समां तब रहा होगा,...

बहोत उन्मत हुई होंगी तुम, जब शिल्पकार ने तुम्हे बनाया होगा  
होंगी ना तुम जैसी जहा भर में कोई और, ऐसा इतिहास ने सुझाया होगा...

जहाभर के कायल प्रेमी धायल हुए होंगे शायद,  
और हर एक शख्स तेरे दीदार को तरसा होगा....

राज्ञ भरे है हजारो जो, हजारो कहानियो ने मिलकर छुपाया होगा  
कुछ बदल गई हो तुम खुद से, या तुम्हे किसी ने बदलाया होगा....

कुछ दबी सी आह है रूह में, जो टूटे से पत्थरो में दिखाई देती है  
सहा है जो भी तुम ने विरासतों की जंग में, वो गूंज आज भी सुनाई देती है....

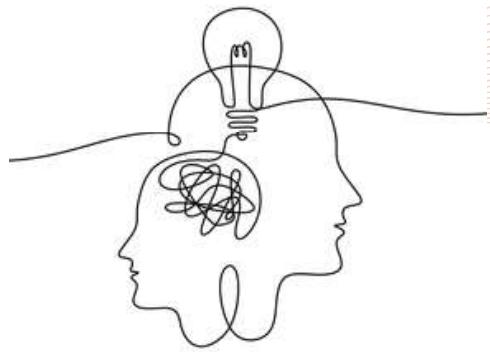
समझ कर भी उलझ जाता हु पहेलियों में, दिल जैसे सेहम जाता है  
जो जहाभर के लिए भारत की विरासत है, आज मुझे खंडरो में नजर आती है ....

खंडरो में नजर आती है ...

लेखक,  
प्रा. शेखरसिंह ठाकुर  
SSPA, Amravati.

# मानवी वृत्ती...

आपली मानवी वृत्ती आणि स्वभावाला कोणी मागे सुटले नाही. आपण पुढच्याला बहुदा चांगल्या गोष्टीसाठी प्रवृत्त करतो आधाराचे दोन शब्द सांगत असतो, "होतच असते" हे वाक्य मोर्ख्या धीराने आधाराने सांगतो पण जेव्हा दोन अश्रू माझ्या डोळ्यातून पडले तेव्हा कळून चुकले ही परिस्थिती जेव्हा आपल्यावर येते तेव्हा मात्र सगळे शब्द पुस्ट होत जातात!



पण अश्या परिस्थितीत पुन्हा कोणीतरी आपल सांत्वन करावं असं सुध्दा वाटत. विचार येतो काय हा आपला मानवी स्वभाव! पण अशे क्षण आणि अनुभव जीवनात आले सुध्दा पाहिजे, दोन अश्रू पडले पाहिजे कारण आई नेहमी म्हणते मन मोकळ करायचं आणि रड येणे आरोग्यासाठी चांगले असते डोळे साफ होतात ! असो पण हा गमतीचा भाग सोडला तर अश्रू च आपल्याला खरी परिस्थिती ची जाणीव अगदी अंतर्मनात करून देतात ,मनाच्या भाव भावना असलेल्या कोपन्याला हळुवार स्पर्श करून जातात.

जीवनात प्रामाणिक मेहनती माणसाला अपयशावर वाईट वाटणे सुद्धा साहजिक आहे पण तो यातून सुद्धा सकारात्मक मार्ग शोधतो आणि मार्गक्रमण करतो.

यश म्हंटले की अपयश आहेच पण आपल्या आवडीच्या क्षेत्रात कामात अपयश आले तरी आपण नाराज होत नाही किंवा हिंमत खचत नाही,थोडा अपेक्षा भंग त्याठिकाणी झाला असतो.

आपल्या आजूबाजूला असणारी बहुसंखिक माणसे अपयश पाहूनच यशस्वी झालेली असतात,पण जेव्हां आपण त्यामधून जातो तेव्हा दुःख होणे साहजिक आहेच.

नवल याच वाटते सगळ माहिती असून ते वर्तणुकीत आणताना कठीणच जात मला! ती मराठी मधील म्हण आहे ना "कळते पण वळत नाही" असेच होत असावे एक मार्गी आणि दूरदृष्टी हेच दोन पैलू पुढे जाण्यास मदत करतात . एक गोष्ट मी मनाशी पक्की बांधली आहे आपण निवडलेला मग तो मार्ग असो ,विचार असो की कुठला निर्णय असो त्यावर दगडावरच्या रेशेसारखे ठाम राहणे . अपयश आले म्हणून मार्ग बदलून सगळेच पळ काढतात पण पळ न काढून आपण दुरुस्ती करून घायला हवी, "सगळे संपले" अशे विनाशक विचार आपल्या डोक्यात प्रवेश करतात तेव्हा चांगल्या माणसांनी संगत,विचार आणि गाठीशी असलेले अनुभव अगदी तटस्थ पने उभे असतात. म्हणून "माणसे जपणे " हा आपला आवडता छंद असला पाहिजे जीवनात आलेला कोणताच क्षण व्यर्थ नाही तो आपल्याला शिकायची खूप संधी देत असतो आणि अनुभव गोळा करायला वेळ सुद्धा! तो गोळा करायचा अशी माझी आजी नेहमी म्हणायची ,आज तिची आठवण खूप येते कारण म्हातारे माणसं म्हणजे घरातील भूतकाळातील गोष्टींची नोंदणी वहीच!

डोळ्याची पापणी उघडुन बंद व्हाही इतक्या भरभर दिवस पुढे गेले,काय कमाल आहे कालच शाळेत दप्तर घेऊन जाणारी मी आज कॉलेज ला सुध्दा गेली.जीवन असच आहे न थांबणार पण त्याला चालवायची दोरी मात्र आपल्या हाती घटू असावी .

तुमची आवड,इच्छा जोपासून काम करणे म्हणजे मेहनत आणि मेहनतीतून मिळालेलं आंतरिक समाधान म्हणजे "यश"!!!

-अंजली जुनघरे  
2nd Year Student, SSPA

# सब्र कर....

सब्र कर सब होगा  
एक दिन तू भी सफल होगा

कोशिशों का तेरे भी अंत होगा  
तेरा भी आसमान अनंत होगा....

तेरे सारे उलझनों का हाल होगा...  
आज नहीं तो कल होगा...  
सब्र कर सब होगा !

पर कल के भरोसे बैठो मत  
कल तो कल होगा...  
अज करो जो करना है  
उसका फ़ल अनमोल होगा...  
कठिन रस्तो के जरूरी क्या  
सरलता से ही सब होगा...  
सब्र कर सब होगा !

थक गए हो बैठ जाओ  
मगर आधे से न लौट आओ...  
जो शुरू किया सफर उसका अंत करो  
रुक रुक कर चलो मगर सफर पूरा  
करो..

चिंता की क्या बात है  
की कोई ना तेरे साथ है...  
अरे देख अस पास लोगो को वो भी तो  
अकेले आए होंगे...



अनहोनी भी तो तेरी तरह साथी की  
आस लगाई होगी...  
तो जो रस्तो मैं साथ है उन्हीं का साथ ले  
उनको ही साथी बना और उनको भी  
हिम्मत दे...

सब हस्कर आगे बढ़ो  
सफर का लुप्त उठाओ...  
चिंता में पड़ जाए मुश्किलें भी  
तुम इतना मुस्कुराओ...

फिर से धीरे-धीरे सब के रास्ते अलग  
होगे..  
पर जो सहारा अब तक था उससे तुम  
बाल लोगे..

अब अकेले चलने में इत्ता डर ना  
सताएगा  
बहुत डर लिए रास्तों से अब रास्तों का  
सामना होगा

सफर तेरा है तुझको ही पूरा करना होगा  
तू बस हिम्मत रख और चलता जा सफर  
जरूर पूरा होगा...

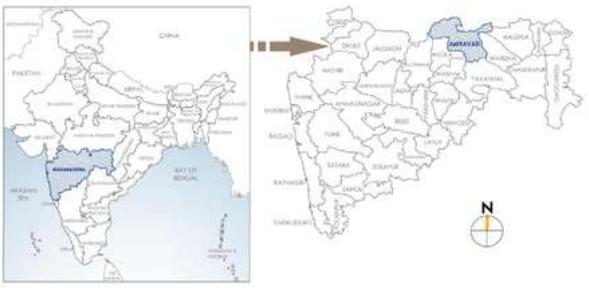
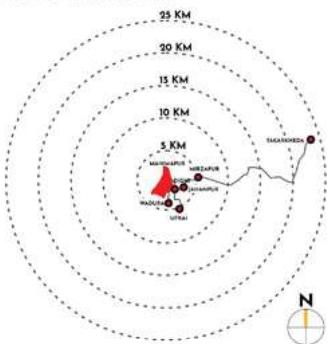
- VAIBHAVI MILKHE  
4<sup>th</sup> Yr year student SSPA

## INTRODUCTION:

Mahimapur, a quaint village nestled in the Amravati district of Maharashtra, India, is a hidden gem that encapsulates the essence of modernity while cherishing its rich art, culture, and traditions. This village, although on the path of architectural modernization, has managed to preserve its heritage deep within its soul. This comprehensive exploration delves into the climate, geographical context, historical significance, socio-economic and cultural aspects, architectural features, construction techniques, and the objectives of the restoration project revolving around the Mahimapur stepwell.

## CLIMATE AND GEOGRAPHICAL CONTEXT:

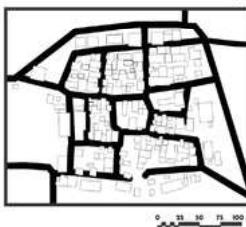
Mahimapur finds its geographical location within the Amravati district, situated in the Vidarbha region of Maharashtra, India. The district lies between 22°32' north and 78°27' east to 76°37' east, making it an integral part of the Vidarbha region. The climate in this region is characterized by its hot and arid nature, with average annual rainfall ranging from 700 mm to 1700 mm. The southwestern parts of the district, particularly Daryapur, receive the lowest amount of rainfall at 709 mm.



INDIA  
MAHARASHTRA



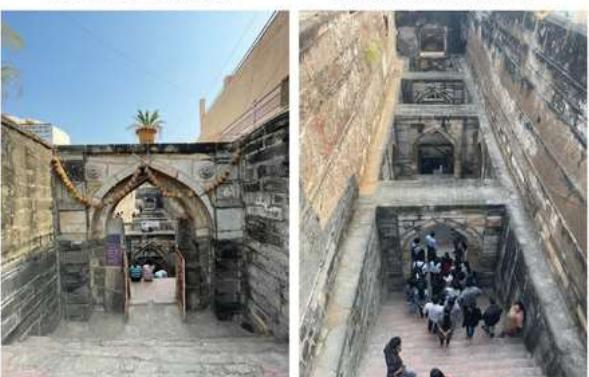
MAHIMAPUR



Road map of Mahimapur



Builtup map of Mahimapur



## HISTORY:

Mahimapur and the surrounding region have a rich historical tapestry woven through various dynasties and empires. It is believed to have been ruled by the Yadav dynasty and the Bahamani Empire, both of which have left indelible marks on the region's heritage. The Bahamani Empire, a confluence of five dynasties, played a significant role in shaping the architectural landscape of the area. Among these dynasties, the founder of the Imdashahi of Achalpur, Fateh Imad ul Mulk, made substantial contributions to the region's construction projects. One remarkable feature of this region, spanning a 96 km stretch from Asegaon to Mahimapur, is the presence of 12 wells. Among these wells, the Mahimapur stepwell stands as a testament to the architectural and cultural richness of the area. The Yadavas, who have their roots deep in cultural heritage, were instrumental in constructing these magnificent ancient monuments.

## SOCIO-ECONOMIC AND CULTURAL EVENTS:

The socio-economic fabric of Mahimapur is predominantly woven around agriculture. The region boasts a plethora of architectural gems that hold historical and religious significance, including temples and traditional water structures. One of the most intriguing aspects of this region is its traditional water harvesting systems. These systems have been in existence for centuries, harnessing the age-old wisdom and knowledge of the terrain. They have served as vital sources of water for the local population. The stepwells in the region not only serve practical purposes but also act as canvases for art. Medieval architects adorned the walls, cornices, pilasters, pillars, and niches of these stepwells with intricate sculptures. This fusion of art and function has made these stepwells a prominent feature of the landscape. The conservation and restoration of these stepwells have the potential to elevate the cultural significance of the village and, more importantly, enhance the lives of the people residing in and around Mahimapur.

## ABOUT THE STRUCTURE:

The Mahimapur stepwell is a masterpiece of architectural ingenuity. It is a linear stepwell with a remarkable depth of 80 feet and an expansive area spanning 40 x 25 meters. The stepwell comprises a total of 85 wide steps that lead down to the well at its core. This architectural marvel is divided into seven storeys, each separated by five large arches. The entrance to the stepwell is through an arched gateway, towering at a height of 4.1 meters. As one descends further into the stepwell, they are greeted by a series of steps and mid-landings (sopan), featuring five large arches and 22 series of arcades that span the entire structure.



## CONSTRUCTION TECHNIQUES:

The construction of the Mahimapur stepwell is a testament to the mastery of various construction techniques. These techniques not only ensured the structural integrity of the stepwell but also added to its architectural beauty.

**Squinch Dome Construction:** The presence of a squinch dome highlights the architectural complexity of the stepwell.

**Stone Masonry:** The use of stone masonry in the construction of the stepwell attests to the craftsmanship of the builders.

**Brick Masonry:** Brick masonry played a crucial role in creating intricate patterns and structures within the stepwell.

**Arch Techniques:** The stepwell features various arches, each with its unique design and purpose, showcasing the versatility of arch techniques.



Squinch Dome

Arch Techniques



Stone Masonry

Brick Masonry

## ELEMENTS:

The Mahimapur stepwell is adorned with an array of architectural elements that showcase the craftsmanship of its builders. The presence of carvings and sculptures reflects different architectural styles and artistic influences. These elements serve as a window into the past and provide valuable insights into the cultural and historical significance of the stepwell. Sculptures from the Yadava period and torana patterns are enduring proof of the stepwell's resilience over the past 800 years. These sculptures often depict human figures in meditative positions, while each storey is distinguished by its distinct leading pattern.



## OBJECTIVE OF PROJECT:

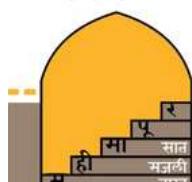
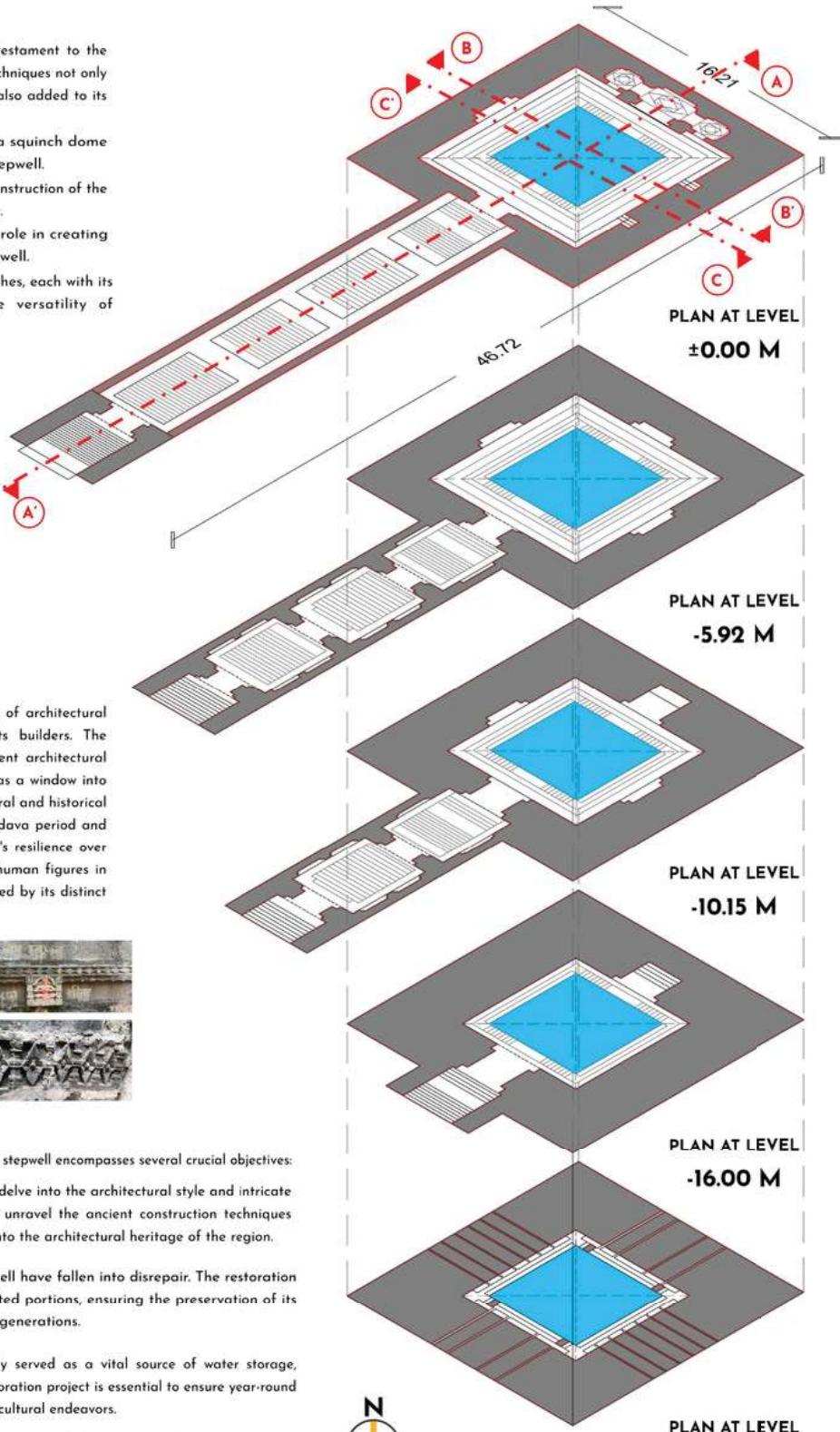
The restoration project associated with the Mahimapur stepwell encompasses several crucial objectives:

**1) Architectural Exploration:** The primary aim is to delve into the architectural style and intricate detailing of the stepwell. This exploration seeks to unravel the ancient construction techniques employed in its creation, offering valuable insights into the architectural heritage of the region.

**2) Restoration:** Over the years, parts of the stepwell have fallen into disrepair. The restoration project aims to recover and restore these dilapidated portions, ensuring the preservation of its historical and architectural significance for future generations.

**3) Water Accessibility:** The stepwell has historically served as a vital source of water storage, irrigation, and support for farming activities. The restoration project is essential to ensure year-round access to water, benefiting the local community's agricultural endeavors.

**4) Groundwater Improvement:** The revival of the stepwell holds the promise of improving ground water levels in the region. By preventing inundation and enhancing water resources, the stepwell can play a pivotal role in sustaining the community's water needs.

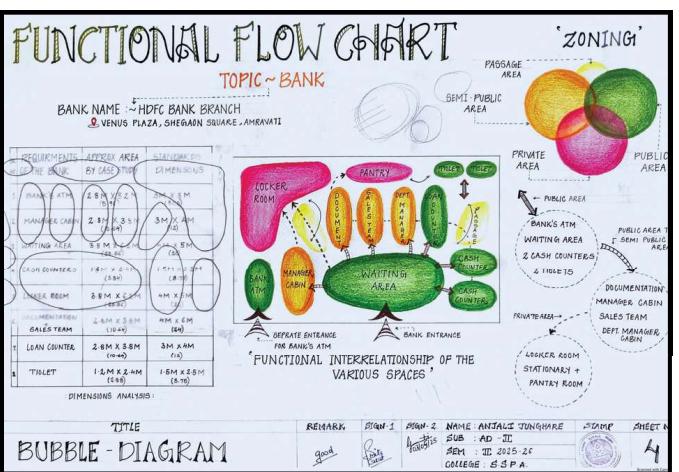
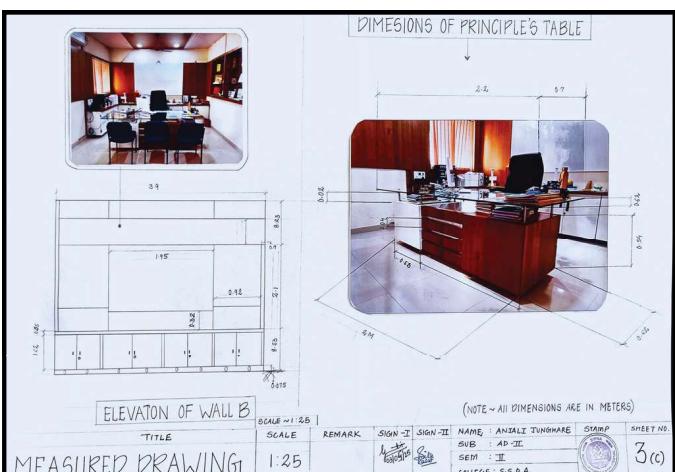
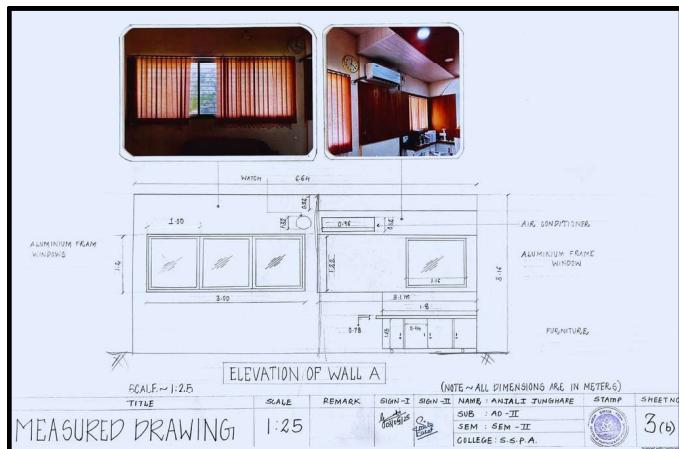
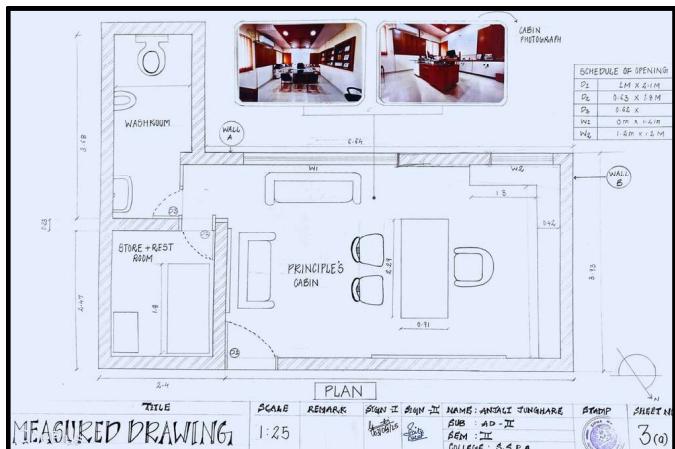
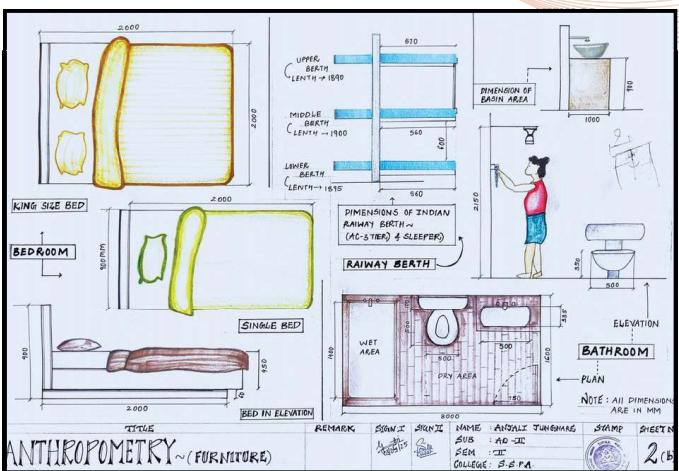
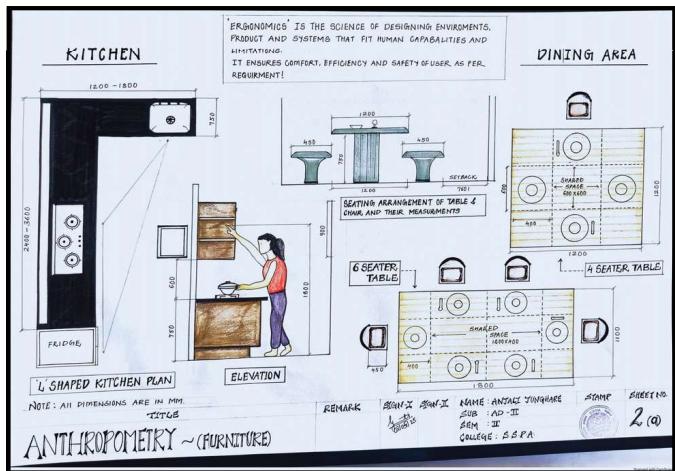


## Footprints of Yadava Dynasty at Mahimapur

Documentation of Stepwell at Mahimapur, Amravati

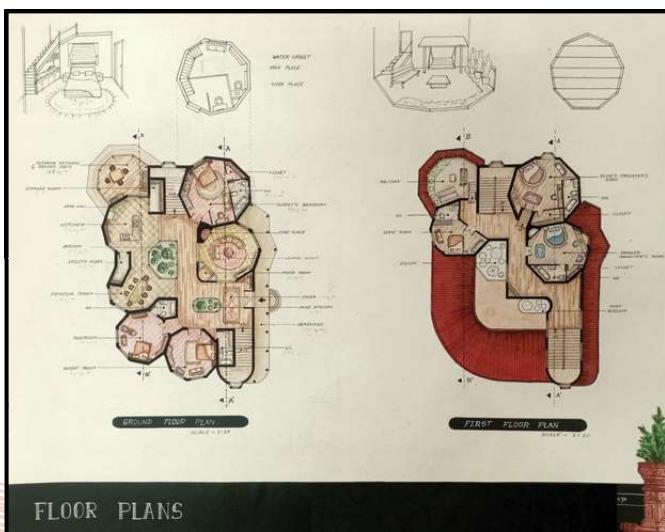
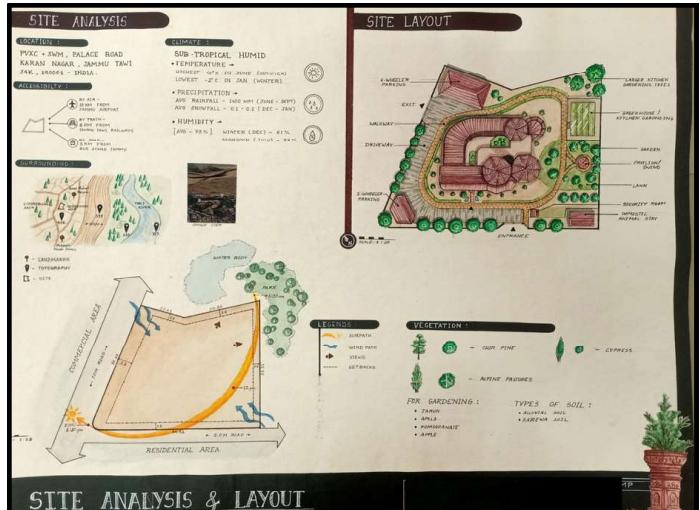
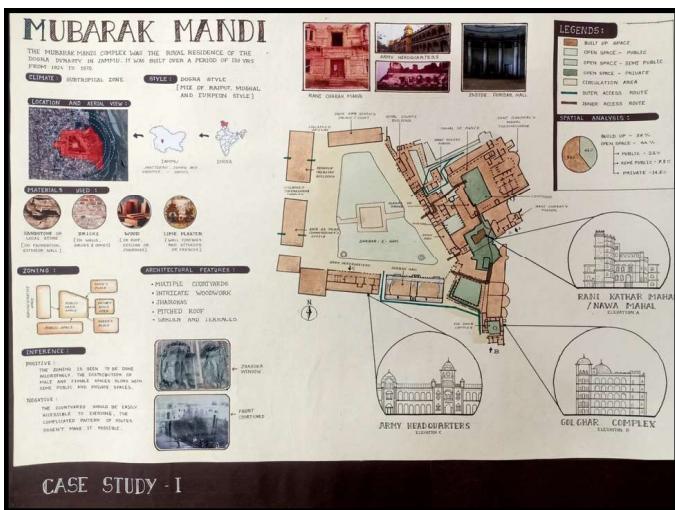
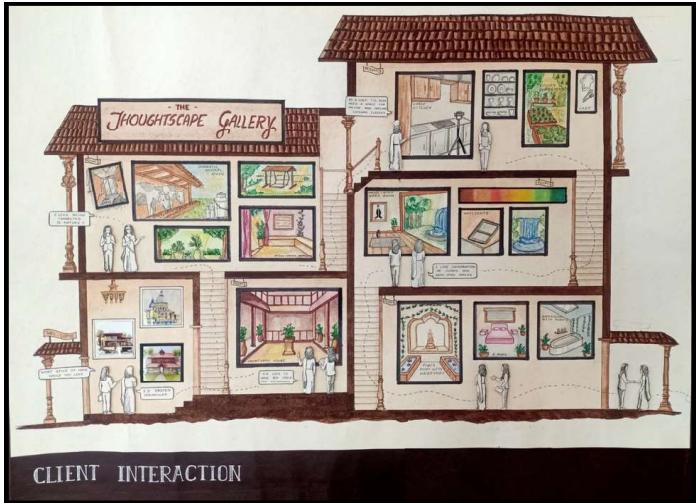
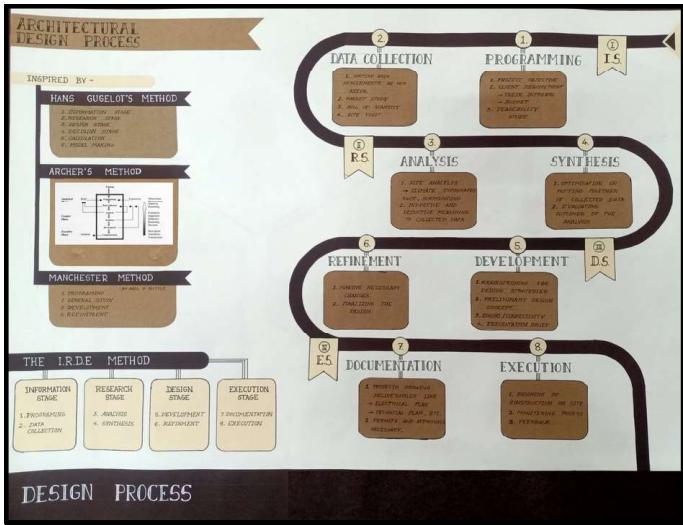
O2

## Title:- Measured drawing and Bubble diagram



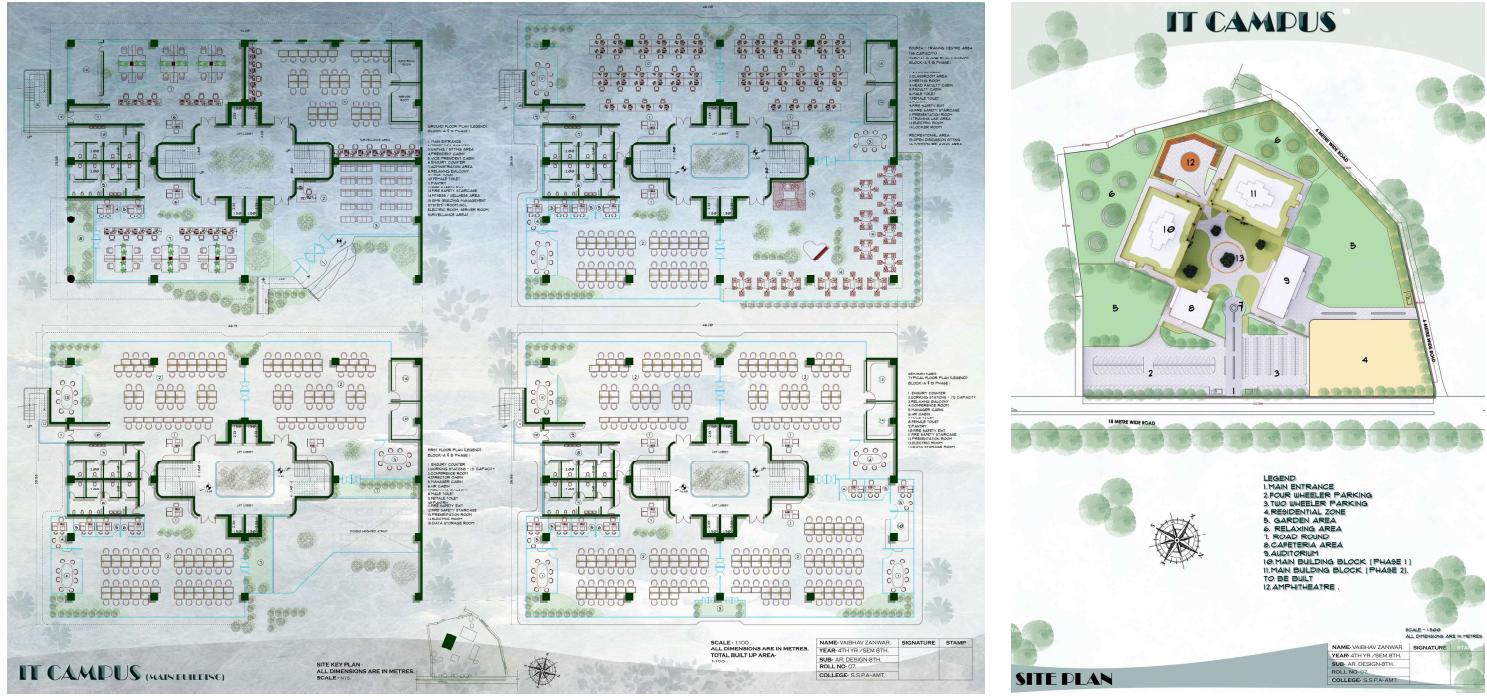
# ARCHITECTURAL DESIGN - III :

## Title:- Residential Bungalow

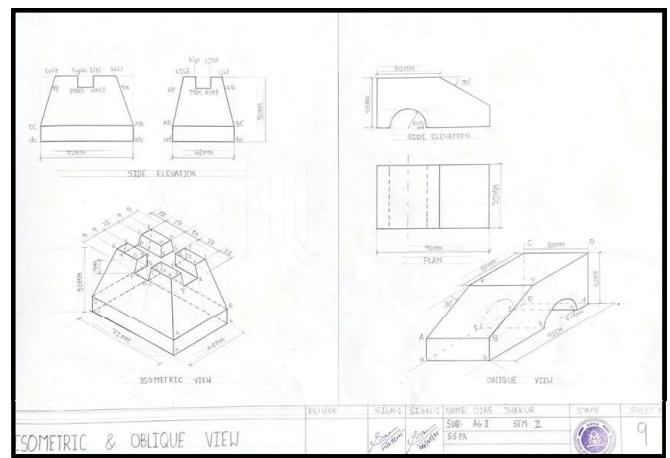
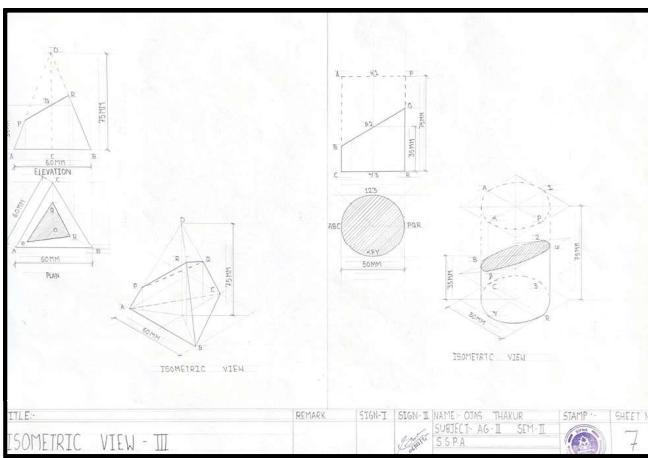
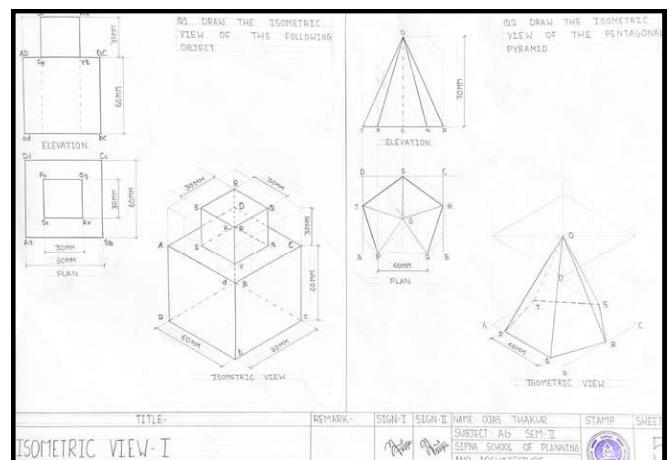
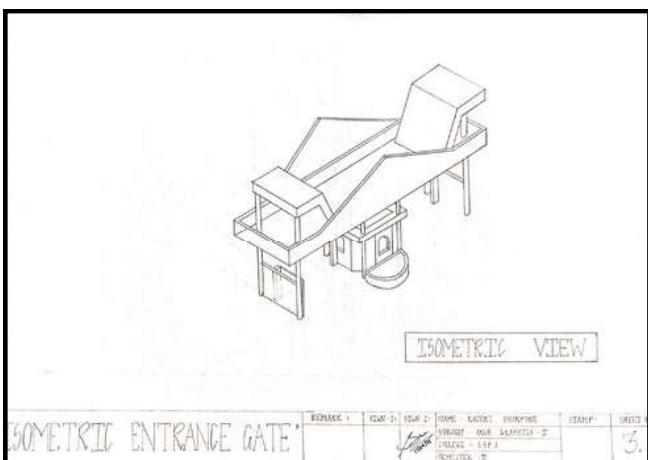
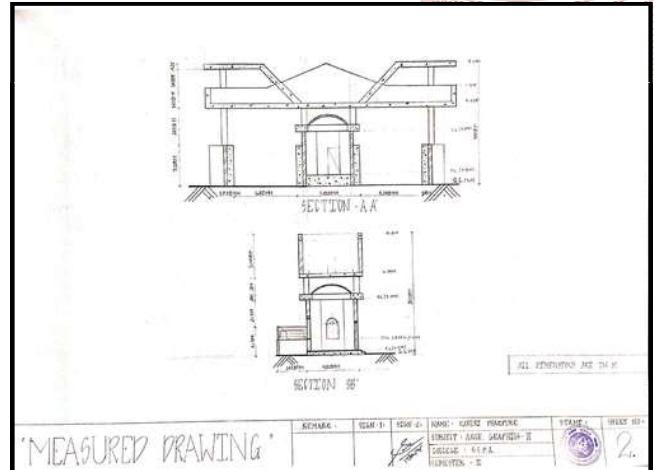
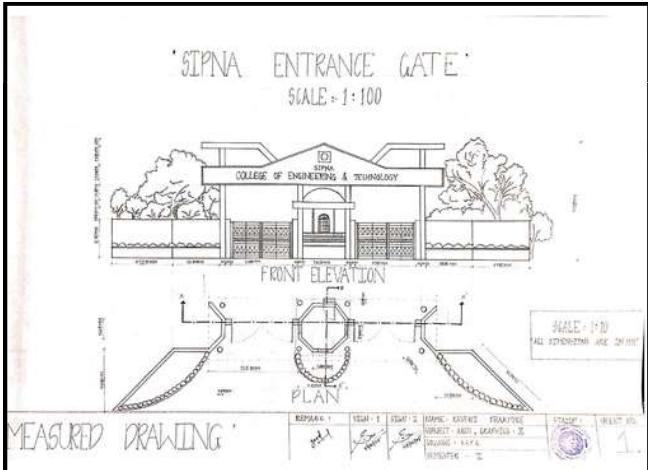


## **ARCHITECTURAL DESIGN - VIII :**

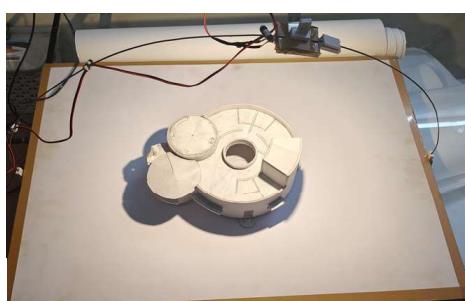
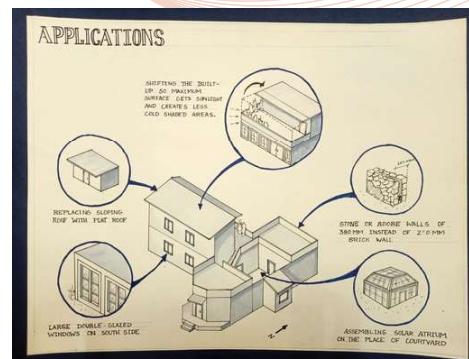
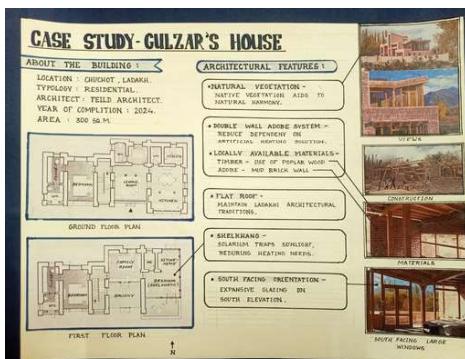
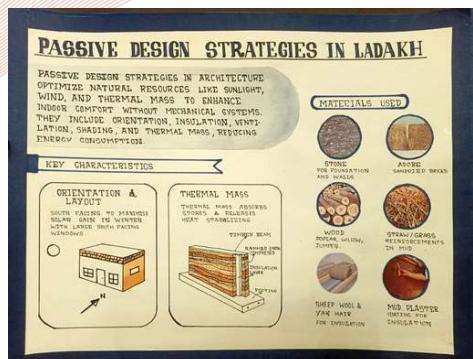
## Title:- IT park



# **ARCHITECTURAL GRAPHICS - II**

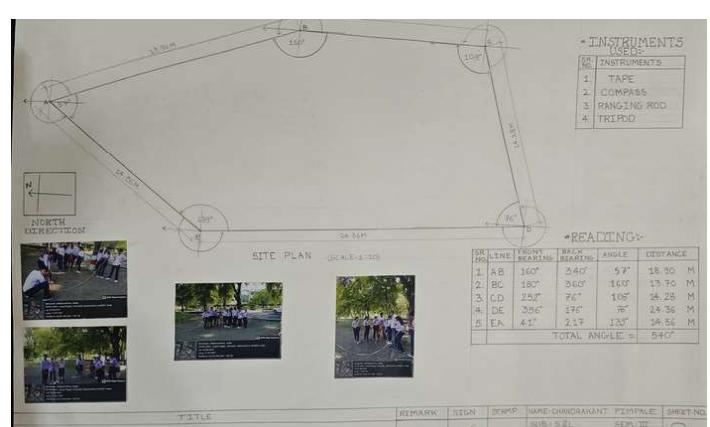
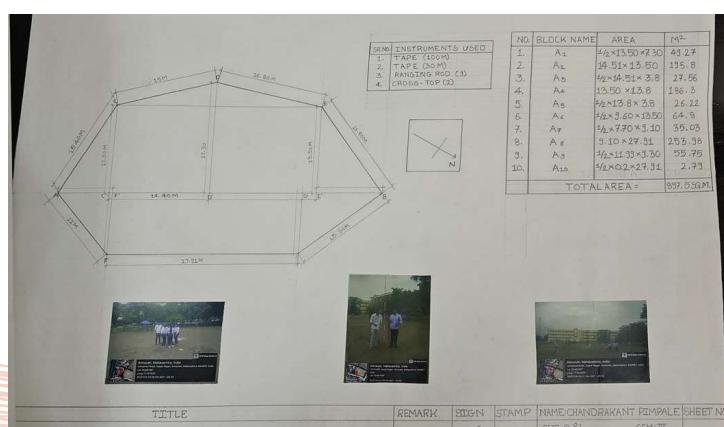


## ILLUSTRATED CLIMATOLOGY :

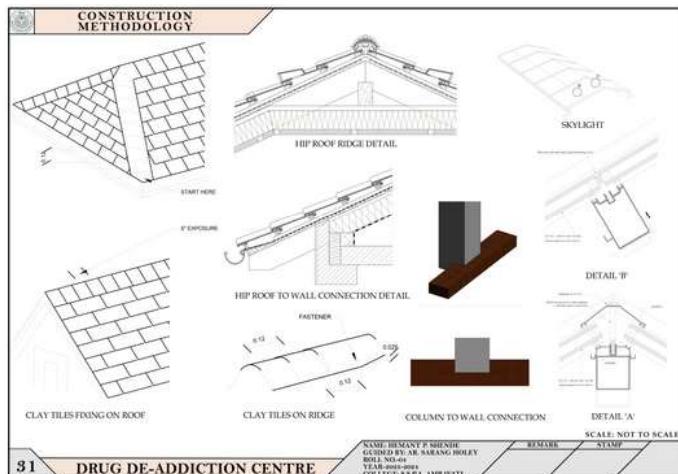
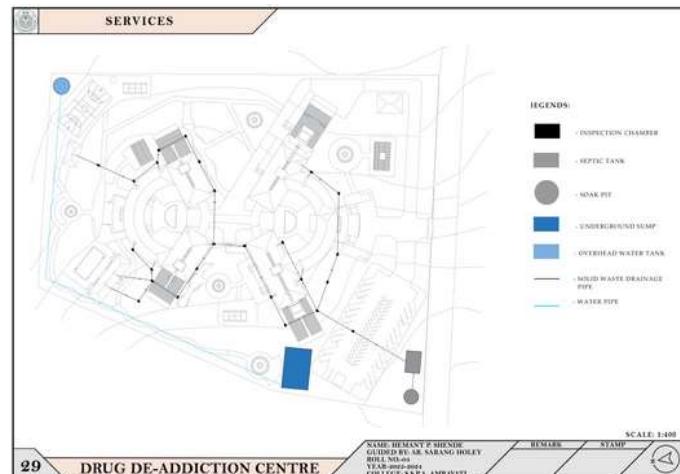


"HELIODOME: A GEOMETRIC STRUCTURE OPTIMIZED TO CAPTURE SUNLIGHT YEAR-ROUND."

## SURVEY AND LEVELLING :



# THESIS WORK - 2024



## THESIS MODELS - 2025



5 Star Hotel



Agrotourism

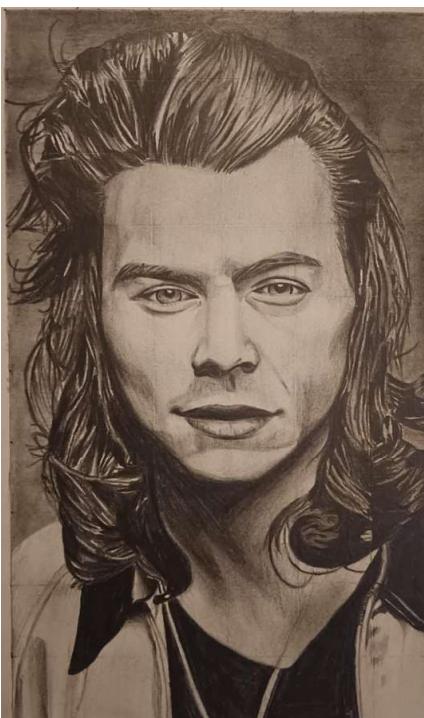
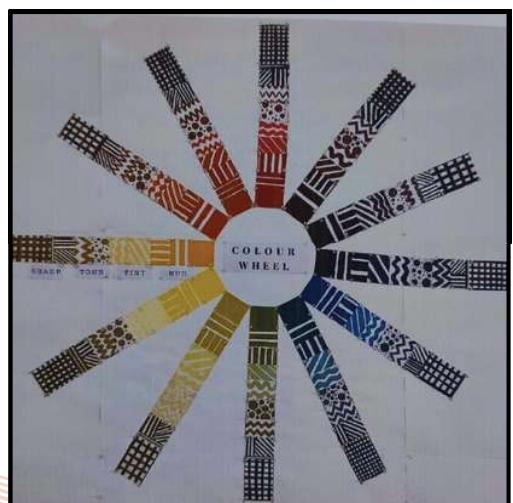
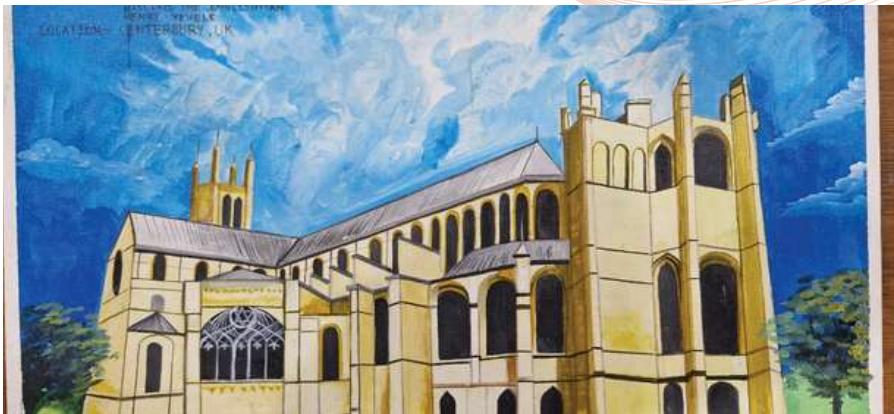


Jalgaon bus stand



Railway station

## PAINTINGS AND SKETCHES:



## HANDMADE ARTICLES & MODELS :



CLAY WORK



LIPPAN ART



## GANPATI WORKSHOP:

**मार्केट वॉच**

सिपना स्कूल ऑफ प्लानिंग & आर्किटेक्चर, अमरावती मध्ये नेचर्स क्लब अंतर्गत एक दिवसीय गणपती कार्यशाळा



अमरावती : सिपना स्कूल ऑफ प्लानिंग & आर्किटेक्चर, अमरावती मध्ये नेचर्स क्लब अंतर्गत १२ सप्टेंबर २०२३ रोजी एक दिवसीय "मैक युवर गणपती" हि कार्यशाळा यशस्वी रित्या पार पडली. सदर कार्यक्रमाला सदर कार्यक्रमाला मयुरी दीपक खाडे याचे मार्गदर्शन लाभले. या कार्यक्रमाला सिपना परिवारातीलच नव्हे तर अन्य शहर वासियांच्यासुद्धा प्रतिसाद मिळाला. या कार्यशाळेला विद्यार्थ्यांनी इको फ्रेंडली मूर्ती घडवून यशस्वी केले. प्रत्येक स्पष्टकांनी आपली कल्पकता विविध मूर्तीच्या माद्यमातून यशस्वीरित्या साकार केली. या कायाक्रमास सिपना शिक्षण प्रसारक मंडळाचे अव्यक्त जगदीशजी गुदा यांनी घेट दिली व विद्यार्थ्यांच्या कल्पकतेचे भरभरून कौतुक केले. कार्यशाळेचे आयोजन प्रा. श्रुती लीखीतकर व प्रा. धनश्री पांडे तसेच विद्यार्थी प्रतिनिधी गौरी अन्विंकर यांनी केले. तसेच कार्यशाळेला मार्गदर्शक म्हणून प्राचार्य सिमता कसाट व इतर प्राचार्यांकानी विद्यार्थ्यांचे कौतुक केले.



A Ganpati workshop is a creative and cultural event where participants learn to make idols of Lord Ganesha, especially before the Ganesh Chaturthi festival. These workshops often focus on eco-friendly idol-making using natural materials like clay or paper mache. Participants are guided through sculpting, painting, and decorating the idols. The workshop promotes traditional art, environmental awareness, and community involvement. It is popular in schools, art centers, and cultural groups during the festive season.

## CONVOCATION PROGRAM 2025:



RAJENDRA GATTANI SIR



A convocation program is a formal ceremony held by educational institutions to confer degrees, diplomas, or certificates to graduating students. It marks the successful completion of academic courses and honors student achievements. The event typically includes speeches by dignitaries, award distribution, and the taking of an academic oath. Graduates participate in an academic procession wearing robes. The program ends with a vote of thanks of thanks and the national anthem. It is a significant milestone in a student's academic journey.

## POT PAINTING



## DIWALI CELEBRATION



Diwali is a festival of lights that symbolizes the victory of light over darkness, good over evil, and knowledge over ignorance. Keeping this in mind, the students of the SSPA celebrated the festival in great enthusiasm and joy on October 24<sup>th</sup>, 2024. Students Performed Dance and together they sang festive rhymes also arranged the quiz on basis of Mahabhart and Ramayan . They expressed their creativity by painting and decorating diyas and gifted to each other

## MEASURING DRAWING



Measured drawings are prepared during the process of documenting a building for future renovation or for historic record. 1st year students taken on-site measurements of an Sipna campus Gate and drafted in A.G. I

## SSPA MATERIAL MUSEUM



In order to update the students' knowledge on building materials along with building services like water supply and sanitation, plumbing, electrical and mechanical fittings and fixtures, insulation, acoustics, etc, samples of these variety of material are displayed in museum. These samples are facilitated with information in form of charts and brochures mentioning their specifications like properties, availability, market forms, etc.



# SHIVMAHOSTAV 2025



- Students performing Flash mob

- Dhol Pathak in rally



- Shiv - Natya

- Shiv Bhojan



- SSPA faculty members

# UMANG 2025



• Umang Inauguration program



• Umang - Aura of Art

# UMANG 2025



• Umang - Price Distribution

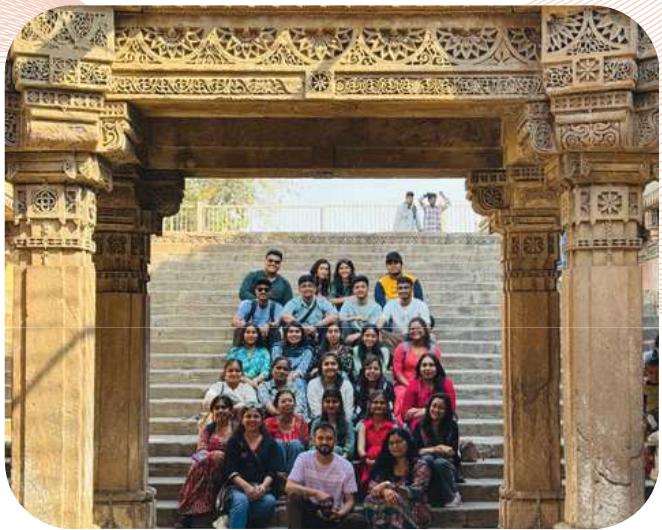
## HERITAGE WALK - AMBA GATE



## AT CONSTRUCTION SITE



## GUJARAT STUDY TOUR



A study tour to **Gujarat** offers a blend of historical, cultural, and natural attractions. Typical itineraries include visits to ancient sites like **Modhera Sun Temple** & **Vadodara Palace**, architectural marvels such as **Rani-Ni-Vav** at Adala & Patan, and significant landmarks like the **Sabarmati Ashram** and the **Statue of Unity**. Planned city Gandhi Nagar also Visited Amdabad-ni-Gufa

# HIGHLIGHTS -DESIGN PATENT

This project explores the innovative use of nonconventional materials in furniture design by developing a rocking chair made primarily from recycled cardboard. The design challenge required selecting a material typically considered weak and disposable—cardboard—and transforming it through thoughtful engineering and form exploration into a dynamic, ergonomic, and load-bearing structure suitable for seating.

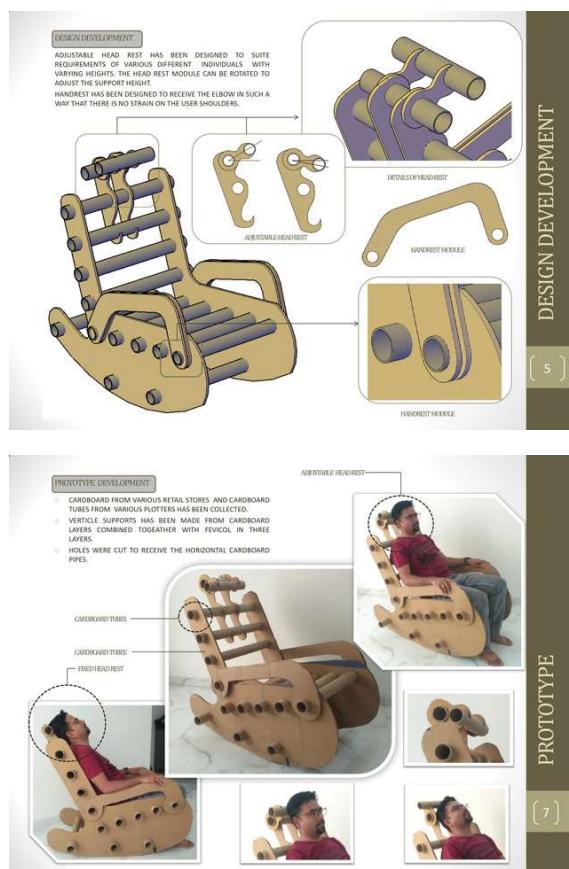
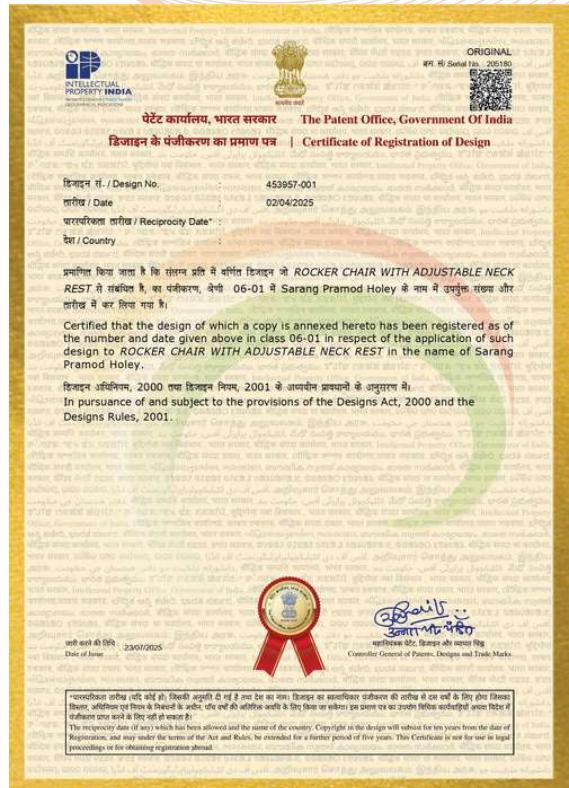
The methodology included:

**Material transformation:** Experimenting with corrugated cardboard and cardboard pipes, taking advantage of their vertical edge strength.

**Form development:** Designing side profiles for optimal ergonomics ( $10^\circ$  seating angle,  $20^\circ$  backrest angle) and integrating features like an adjustable headrest and hand rests for enhanced comfort.

**Model making:** Constructing scaled prototypes, refining technical details, and developing CAD drawings for precision and clarity.

The final rocking chair utilizes laminated layers for vertical supports, horizontal cardboard tubes securely inserted for stability, and modular components to address head and arm support. Sustainability is central to the project, promoting reuse of waste cardboard and demonstrating its extended structural value when properly designed. The chair achieves a lightweight yet resistant structure with simple manufacturing techniques, offering a visually and functionally differentiated product in the realm of eco-friendly furniture design.



**Prof. Sarang Holey**  
SSPA, Amravati