

ISSUE 002.2023

KU ARCHIVE

An Annual Architecture Students' Archive Magazine



Editorial

"Celebrating the Creativity and Vision of Architecture Students at KU"

Dear Readers,

Welcome to the second issue of our annual architecture students' archive magazine! It is with great pride and excitement that I, as the editor-in-chief, present to you this compilation of outstanding works by the talented architecture students of Kathmandu University.

This magazine serves as a platform to celebrate the achievements and progress of our budding architects. This magazine is not just about showcasing the final outcomes of the student's hard work; it also recognizes the journey they have undertaken throughout their education.

I would like to express my deepest appreciation to the hardworking Archive Committee, whose dedication and effort have been invaluable in bringing this magazine to fruition. Their meticulous organization, coordination, and attention to detail have ensured that the works of our students are showcased in the best possible way. Thank you for your tireless work and commitment to preserving and promoting the achievements of the students.

I hope you enjoy flipping through the pages of this magazine and get inspired by the incredible works of KU's architecture students. Thank you for being a part of our journey and for joining us in celebrating the creativity and vision of the next generation of architects.

Sincerely,
Aagya K.C
Editor-in-Chief, KU ARChive '22-'23

Meet the team, Archive '22-'23



i aM AAGYA K.C.
EditOr-in-cHief

A 4TH YEAR ARCHI STUDENT, SHE ENVISIONS THE CORE CONCEPT FOR ARCHIVE, DIRECTS THE ENTIRE ARCHIVE TEAM & THE EDITORIAL CONTENT. FINALLY ALSO APPROVES THE ULTIMATE LOOKS & FEELS OF OUR ARCHIVE.



Hey, THiS is YUTHiCa ADHiKaRi !

and PRiYANSHU KaYaSTHa from
4th Year!

EDITOR
SHE ENSURES THAT THE QUALITY & CONTENT OF
ARCHIVE ARE INTERESTING & TOPICAL.



DESIGNER
LOOKS OUT FOR THE VISUAL LAYOUTS OF
ARCHIVE.



EDITOR, 3RD YEAR

hi ! i'M aaYaSHree
SHreSTHa

Winks i'M SHreYa
TuLaDHaR.



DESIGNER, 3RD YEAR

THEY COMBINE GRAPHICS, WRITTEN CONTENTS OF BATCH '19
WORKS, TYPEFACES AND FONTS FOR INSIDE PAGES.

Yo ! My NaMe is
PuJa SiLWaL!



EDITOR, 3RD YEAR

hi ! i'M aaDiTYa
RaMaN SiNGH.



DESIGNER, 2ND YEAR

THEY CO-ORDINATELY REVISE CONTENT AND OVERSEE
LAYOUTS OF BATCH 2020.



DESIGNER, 3RD YEAR

iTs Me,
sRiZaN
Kc.

HE DIRECTS THE CONTENT AREAS OF BATCH '20.



1ST YEAR

BiDhi ShreStHa..
and CHandani JHa
here. Hello!

DOCUMENTATION HEAD

THEY'RE RESPONSIBLE FOR COLLECTION AND ARRANGEMENT
OF THE PROJECTS DISPLAYED IN ARCHIVE.



2ND YEAR

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Messages From:



Professor Dr. Bhola Thapa
Vice Chancellor, KU

It brings me immense pleasure to acknowledge that the Architecture program students have successfully published the second edition of their yearly magazine, KU Archive. It is indeed a great pleasure for me to extend my sincere greetings and congratulations to the students of the Architecture program for their impressive teamwork and collective efforts. The growth and development of the Architecture program have been remarkable, driven by the needs of our students and this is another step in this positive direction. The magazine showcases individual projects, group works, noteworthy accomplishments of our faculty and students, and several articles related to architecture. This publication of the KU Archive signifies the department's and students' commitment to attaining quality education. Kathmandu University is proud to have a dedicated team of outstanding faculty members, brilliant students, and committed staff who have mentored and guided students toward achieving their passions and goals. I am confident that in the future, KUARC will continue to excel in connecting academic worlds with diverse people and communities. I would like to express my admiration and congratulations to the archive team, the executive board of KUARC, and all those involved in publishing the second edition of this annual magazine. Thank you!

Dr. Shyam Sundar Khadka
Associate Professor & HoD of Civil Engineering, KU



I am pleased to extend my heartfelt congratulations to the Kathmandu University Architecture Club (KUARC) and the architecture program students at KU for their exceptional efforts in publishing the second edition of their annual magazine. The magazine is a testament to the creativity and hard work of our students, and I am delighted to see the impressive results of their dedication and perseverance. It is an excellent platform for our students and faculty to express their artistic talents and ideas, and I am confident that it will inspire and motivate others to do the same. I express my gratitude to all the contributors and supporters who made the magazine's publication a success. Furthermore, I extend my heartfelt congratulations to the Editorial Board for their unwavering dedication to shaping the magazine. I wish them all the best in their future endeavors on this auspicious occasion. Thank you!



Ar. Bishwodev Bhattarai
Program Coordinator B.Arch

Congratulations!! on the successful release of the second edition of the ARCHive magazine by the architecture students of Kathmandu University (KU). It is a wonderful compilation of students' project works and a concise representation of the Architecture Program at KU. This magazine acts as a one-stop platform for much needed information about architecture education, life of the students, and the campus environment. It serves as a valuable reference for our junior students and at the same time, promotes collaborative learning and establishes a bond among senior and junior students. While working collectively in a group, there is a sense of teamwork, which is indeed a crucial part of Architecture Life. Learning outside the classroom and design studio lab stimulates active learning and is often authentic and hands-on, eventually leading to a conducive learning environment. Archiving project is a crucial and a challenging task. I commend the KU ARCHive team for their phenomenal efforts and perseverance in bringing this publication to fruition. I equally admire KUARC committee for leading the publication of ARCHive and organizing annual Architecture Exhibition, PARAMBHA 2023. I hope students will be able to maintain integrity and adopt principal of 3Cs, Coordination- Communication- Cooperation in coming days as well. I would like to thank the team and wish them the best in their future endeavors.

Priyanka Shrestha
President, Kathmandu University Architecture Club (KUARC)



I would like to extend my deepest gratitude to the Archive Committee for their outstanding work in producing the latest issue of ARCHIVE. The dedication and commitment shown by each member is truly remarkable. I am delighted with the final product, which is a testament to the team's hard work and attention to detail. From the stunning design layout, creative design style, arrangement of the wonderful projects, all a reflection of the committee's unwavering passion for architecture. As the president of KUARC, I would like to express my sincere appreciation to everyone involved in this process. Your contributions have not gone unnoticed, and I am grateful for your efforts. Your commitment to our club's legacy ensures that future generations of members will be able to do the same.

Best wishes.



Bijay Khadka
Secretary, Kathmandu University
Architecture Club (KUARC)

Dear faculties, friends and colleagues,

First and foremost, on behalf of KUARC, I would like to express my gratitude towards the executive members, fellow editorial members, KUARC members, faculties and everyone associated, who helped us directly or indirectly to publish this magazine. I'd also like to convey my heartfelt appreciation to all of the contributing authors for timely submissions of their papers to this magazine. I am confident that the articles presented will be extremely beneficial to undergraduate students, faculty members, and professionals in the department. I am proud of KUARC's successes over the last year, particularly in providing more opportunities for meaningful engagement of all the members through the virtual talk series and online architectural workshops despite the challenges of the pandemic. I am hopeful that Archive will be insightful to a myriad of readers and will further even reach national and international avenues in the further days to come.

Thank you!

The Archive Committee

After the overwhelming positive reception of the first issue, the Archive committee 2022-23 is ecstatic to now have published the second issue of the annual magazine "ARChive" via Kathmandu University Architecture Club (KUARC), Department of Civil Engineering, Kathmandu University.

Work on this issue has been arduous at times but everyone who worked on it took the challenge to heart. Through finals and internals, projects and deadlines, this remained the top priority for everyone. Seeing the completed issue in our hands/screens made everything worth it.

ARChive is a reflection of what is possible at this program. A collection of art, articles and projects, it reflects raw and unfiltered creativity, the very best quality in all of us. To everyone who sent in articles and projects, we are in awe of your creativity and talent. This issue is an homage to all the batches, who through their talent have inspired us all.

Huge thank you to each and every single person who dedicated their precious time to this effort. It is because of you all that we can stand proud. Special thanks to our club advisors and the executive members of KUARC 2022. And most importantly our readers, thank you to you all without whom none of this would be possible.

The Archive committee welcomes and actually encourages all criticisms as well as suggestions. Don't hesitate to contact us at archive.kuarsa@gmail.com for anything at all.

Archive Committee 2022-23



WE BID FAREWELL TO THE
CLASS OF '17

MEMORY BOARD



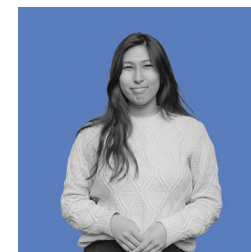
YOU FALL , YOU PICK YOURSELF UP AND AGAIN YOU FALL.. ITS THE PROCESS OF LEARNING AND GROWTH
- ROJINA KAFLE



YOU NEVER HAVE NIGHTMARES BECAUSE YOU DONT SLEEP
-BIDHYA GUPTA



DON'T FOLLOW YOUR DREAMS, FOLLOW MY INSTAGRAM
- ADITI POUDEL



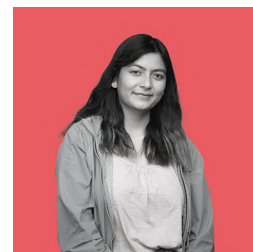
THE NEXT QUOTE IS A LIE
- SANSU SHRESTHA



STAY HUNGRY, STAY FOOLISH.
- ILAM SHRESTHA



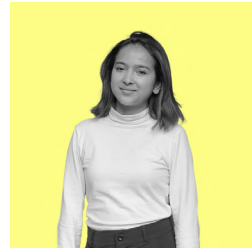
THINK LOGICAL
- PRASHANT RASALI



ARCHITECTURE IS MY PASSION
- KRITINA PRAJAPATI



TRAVEL, EXPLORE NEW PLACES, AND ENJOY YOUR WORK
- DHIRAJ BHANDARI



10 TIPS TO BE LIKE KINJALK NEUPANE:
1. YOU CAN'T.
- KINJALK NEUPANE



GET READY TO MASTER THE ART OF CTRLZ. YOU'VE GOT THIS!
- NISHA RANA



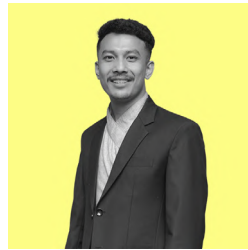
WORK THROUGHOUT THE NIGHT, SOMETIMES CRY, AND ALWAYS AGREE TO EXTEND SUBMISSION DEADLINES
- SIMRAN PIYA



TRY DESIGNING YOUR SLEEP SCHEDULE DURING FINALS WEEK
- PRATIKSHA BHUSAL



PULLING AN ALL NIGHTER IS NOT NECESSARY. PLEASE SLEEP
- SUDIPTI GIRI



REMEMBER YOUR ROOTS AND THE SURVIVAL OF THE FITTEST PRINCIPLE
-AABHUSHAN TULADHAR



GET THE MOST OUT OF YOUR UNIVERSITY LIFE. CONTINUE TO THRIVE
-PRASAMSA POKHAREL



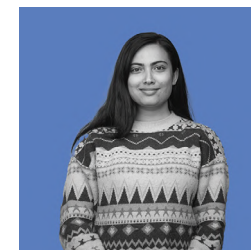
TAKE SOME TIME TO DO THINGS THAT MAKE YOU HAPPY
-SMRITI ADHIKARI



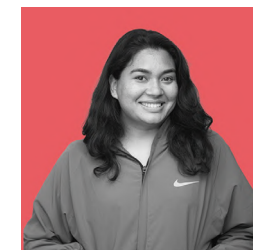
TRUST THAT EVEN IF THINGS DON'T GO ACCORDING TO PLAN, YOU CAN STILL END UP IN A GREAT PLACE IF YOU'RE WILLING TO BE ADAPTABLE
-SANJEENA JHA



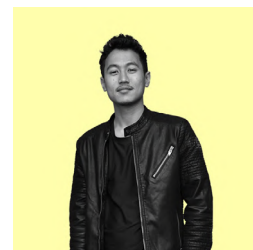
SOMETIMES THE BEST THING YOU CAN DO IS JUST CHILL OUT
- ANUP POUDEL



ENJOY THE WHOLE PROCESS OF LEARNING ARCHITECTURE, WORK HARD
-PRABESHIKA KHAREL



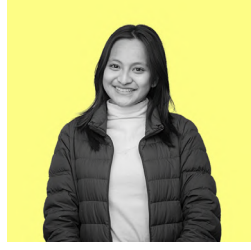
STUDY LESS, WORK MORE, ENJOY TO THE FULLEST - ADITI_POUDEL_
- UNISHA KIBACHHE



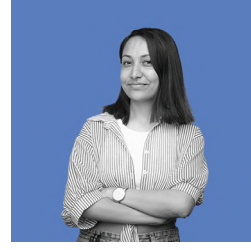
KEEP PUSHING FORWARD FOR YOUR DESTINATION.
- SURAJ SHRESTHA



UNLEASH YOUR POTENTIAL, WORK SUPER HARD AND MAKE SURE TO HAVE FUN.
- BIKALPA POUDEL



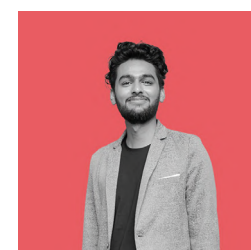
YOU MISS 100 0/0 OF THE SHOTS YOU DON'T TAKE.
-NANDITA SHRESTHA



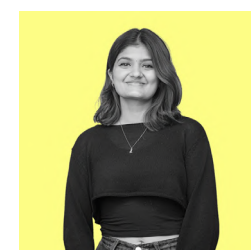
ALWAYS HAVE AN ATTITUDE OF NEVER GIVING UP.
- SHEELA KARKI



BE YOURSELF, BE UNIQUE AND HAVE FUN. YOLO
- PRAJINA TAKSARI



IF YOU WORRY THE DESTINY, YOU WON'T ENJOY THE JOURNEY!
- UJJWAL SAPKOTA



MEMORIES ARE FOR LIFE. TRY AND MAKE LOADS AND LOADS OF THEM.
- KANCHAN BASTOLA



LEARN TO MANAGE TIME AND DONT WAIT FOR THE LAST MOMENT TO WORK.
- RAKCHHYA KC



THE PREVIOUS QUOTE IS TELLING THE TRUTH.
-SOFIYA SHRESTHA

CHHAYABABA WELLNESS

BIDYA GUPTA | PRABESHIKA KHAREL | UNISHA KIBACHHEV

01. CONSERVATION PROJECT, DESIGN STUDIO VIII

Batch: 2017

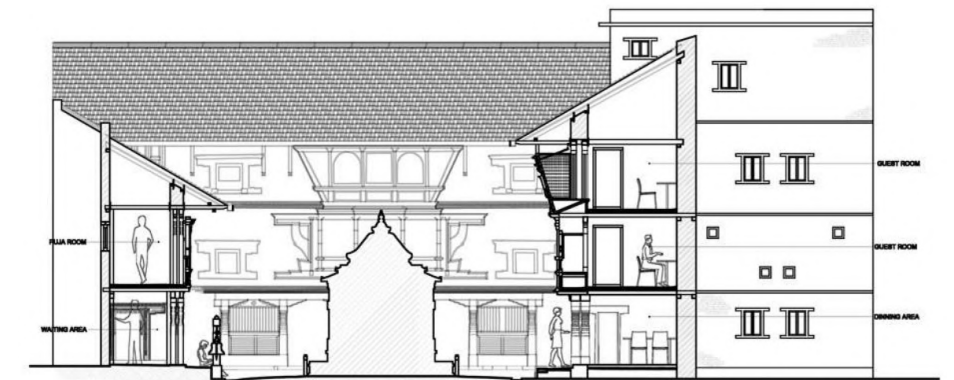
Location: Chhayabaha Tole, Pimbahal, Lalitpur

Chhayabaha Math is a 274 years old building constructed in various phases. Originally a residence of Hindu Priest, meeting places for sadhus, gurus; at the present a residential building.

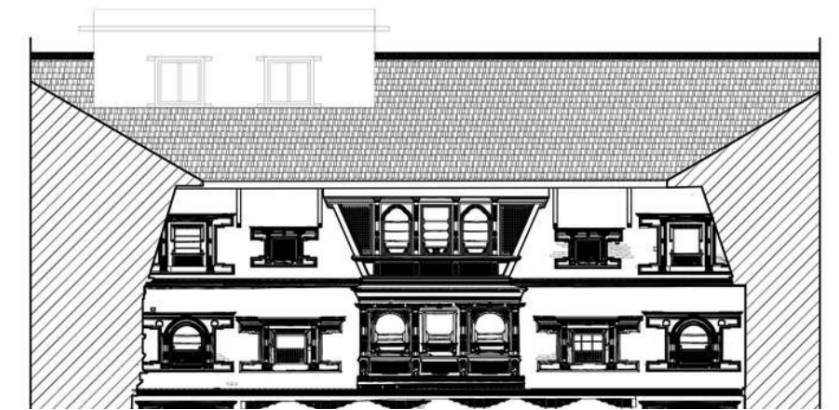
The conservation and innovation shall take place in the math with a new function thought to be needed from the study of Pimbahal Tole.



Wellness Centre: In its broadest sense, a place that offers health service for both mind and body. Devoted towards the promotion of healthy living as well as the prevention of illness and disease. It is targeted to local, national and international tourists. For better experience of the Newari architecture, accomodation is also provided in Chhayabaha Wellness centre.



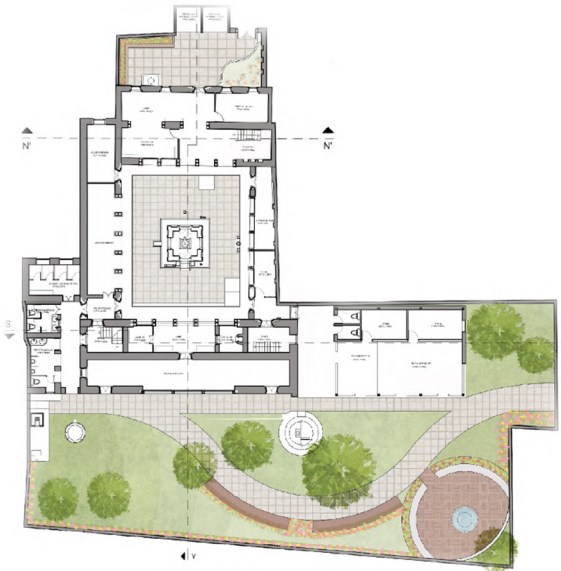
Section at XX



Section at YY

HASTA KALA

PRATIKSHA BHUSAL | SANSU SHRESTHA



MASTER PLAN

Chhayabaha Math is located in historic town- Patan. Patan is known for its art, architecture, and craftsmanship. the town is gifted with artists and skilled craftsmen. Various kinds of handicraft shops are in numerous number in each alley. Having an objective to promote traditional handicrafts and cultural identity, we propose a handicraft centre based on metal and wood work.

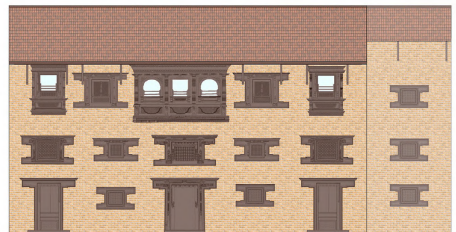
The centre comprises of shops, workshops and training area. The manufactured goods are of small scale such as jewelry, souvenirs, and decors. This also encourage the people in learning traditional skills of the craft, provide training and employment for the interested people. Handicraft centre would attract people to explore the traditional crfts of Nepal and engage them in the process of making goods.



SOUTH WING SOUTH ELEVATION



VIEW FROM ENTRANCE



NORTH WING NORTH ELEVATION



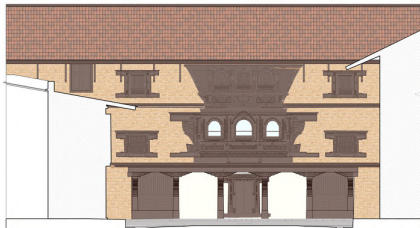
NORTH WING COURTYARD ELEVATION



WOOD WORKSHOP



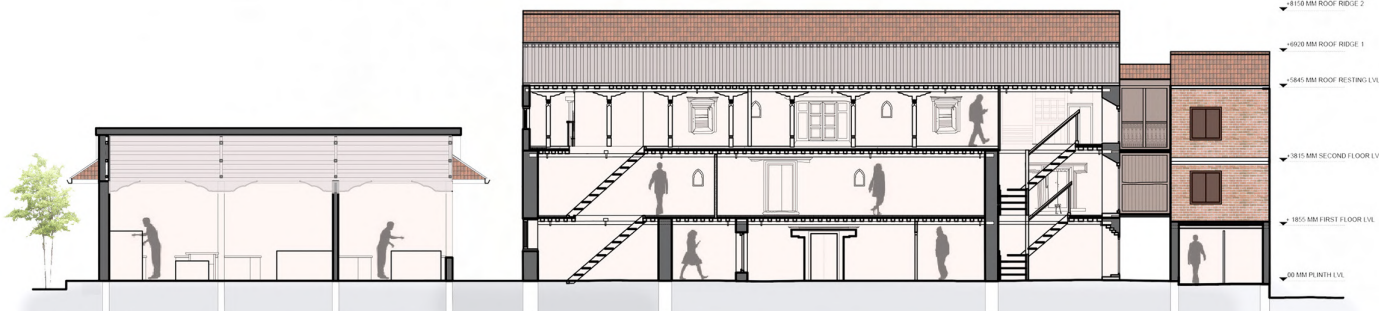
WEST WING COURTYARD ELEVATION



SOUTH WING COURTYARD ELEVATION



EAST WING COURTYARD ELEVATION

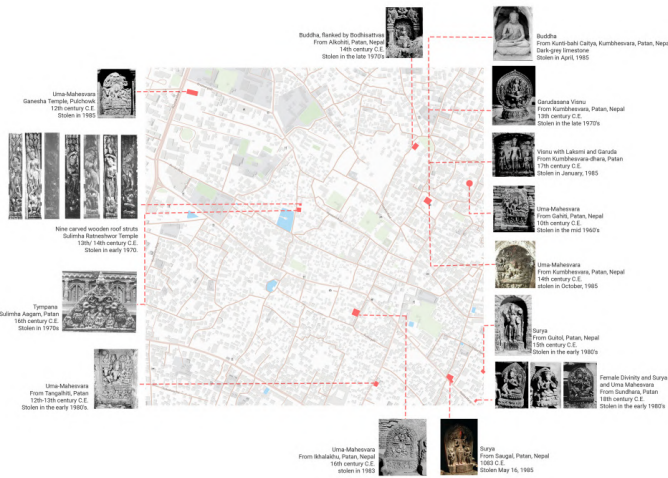


SECTION AT SS

PROJECT BY: PRATIKSHA BHUSAL (04), SANSU SHRESTHA(26)

RESEARCH CENTRE FOR RESTITUTION AND RESTORATION OF

STOLEN ARTEFACTS | PRASAMSA POKHAREL | NANDITA SHRESTHA



Stolen Aetefacts and their restitution and repatriation is a critical issue in the case of Nepal. Around our site Chabaha Math, we can locate a few stolen artefacts.

To understand how these artefacts are brought back home, we visited the curio division of the archaeological department. The request and returning process is a multi-dimensional, multi-ministry process. Conducting site research and preparing documentation play a vital role for repatriation. But due to the tedious method, lack of resources in the government body, we came to the conclusion that this part of the process can be outsourced to research enthusiasts and activists. Thus the idea of research center for restitution and restoration came about.



02. LANDSCAPE DESIGN PROJECT

- i. Pedestrian Bridge Design (Batch: 2018)
- ii. Children Park Design (Batch: 2018)

I. PEDESTRIAN BRIDGE

The project aims to design a pedestrian bridge that serves as a fun and functional connector between the neighbourhoods, while taking into account the local context, ecological environment, and social life of people. The design should prioritize safety and security, while also being green and sustainable.

THE ART OF GIVING FLOWERS | AASHRAYA RAJKARNIKAR



The art of giving flowers, natural overgrowth over the plain, geometric urban backdrop catches the eye of the pedestrians and focuses on the contrasting plants and flowers. As much as flowers are used as offerings while celebrating festivals, we don't get a chance to celebrate flowers themselves. So we learn, play, buy and give.



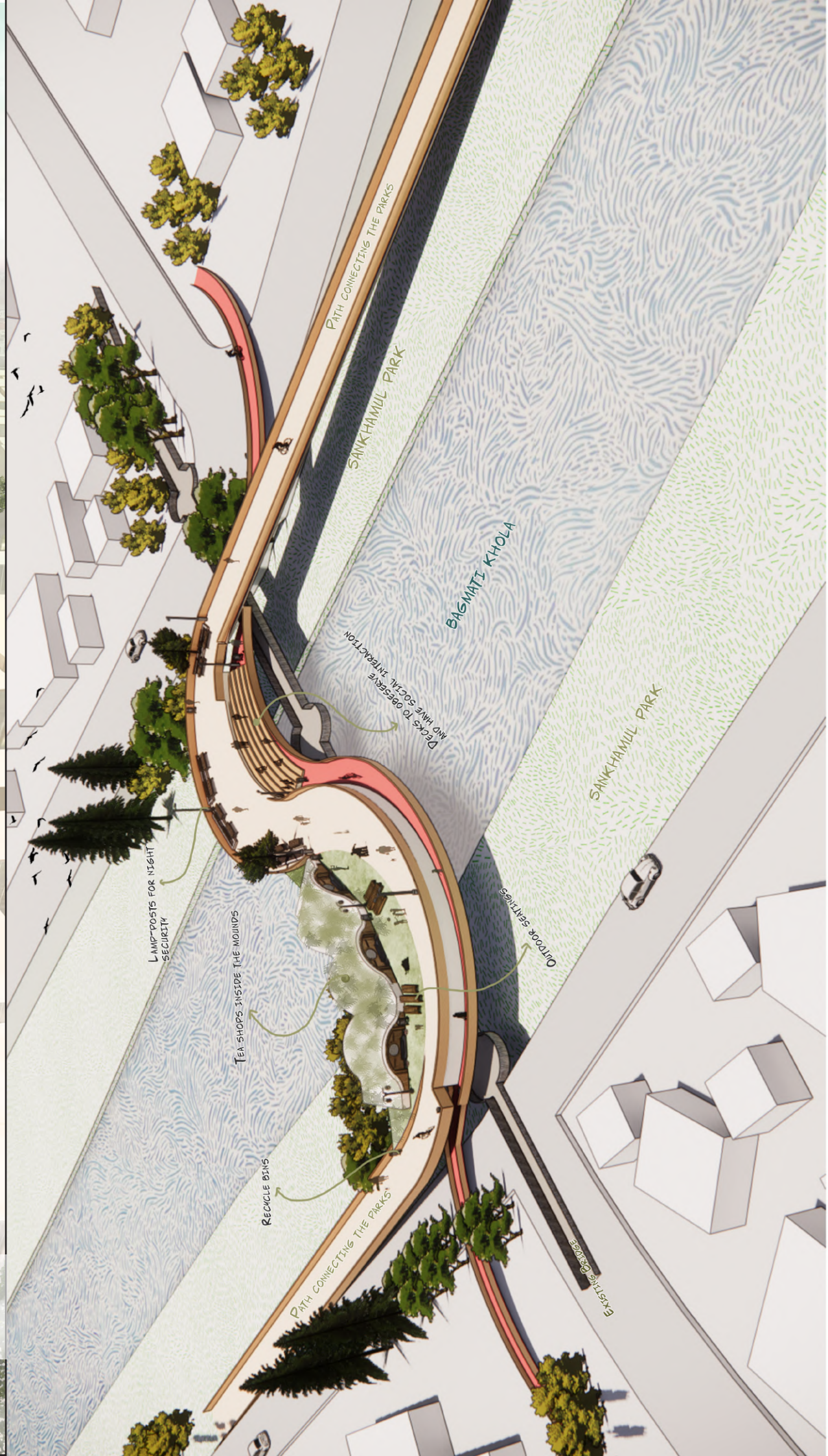


WAYS

REIMAGINING THE OVERHEAD PEDESTRIAN BRIDGE

CHABAHIL CHOWK, NEPAL
PRIYANKA SHRESTHA

The ways is an ordinary pedestrian bridge that addresses and creates a symbiosis between social, economical and environmental factors relating to the community.



REVITALISING SANKHAMUL PARK: REIMAGINING THE OVERHEAD PEDESTRIAN BRIDGE

LOCATED IN SANKHAMUL, THE OVERHEAD PEDESTRIAN BRIDGE IS DESIGNED TO RE-INVIGORATE THE TWO SEGREGATED GREEN PARK BELTS AND FEATURE SPACES FOR GATHERINGS AND SCENIC VIEWS. THE BRIDGE HAS DUAL CORSSINGS THAT FOSTERS DAILY LIFE, SOCIAL ACTIVITIES, AND ADDS VALUE TO ITS SURROUNDING AT THE RIVERFRONT

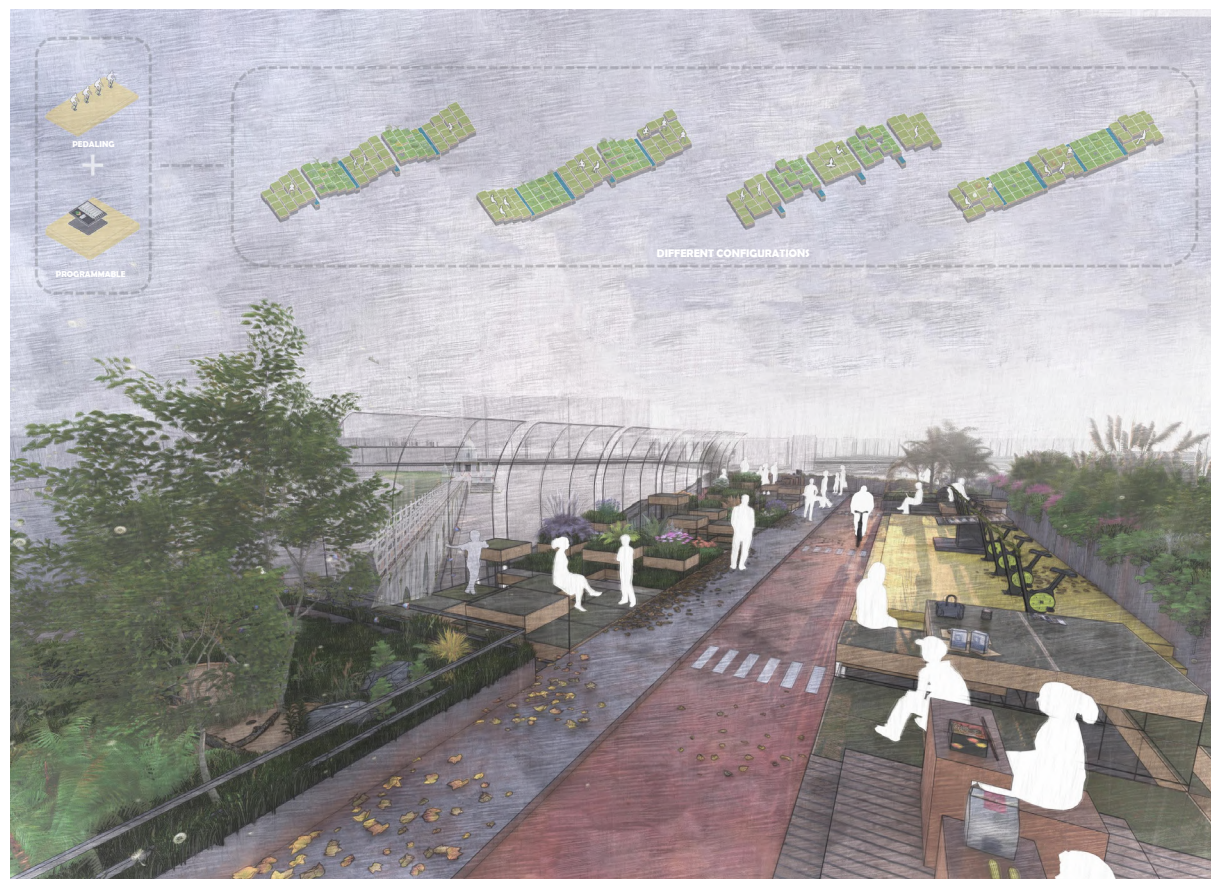
Moi~I~SCAPE | ROSHAN POUDEL



II. CHILDREN S PARK DESIGN

Location: Lagankhel, Lalitpur

The project aims to design a Children Park that is fun, functional, and visually appealing, while also considering the green and sustainable environment. The park deisgn is based on research papers on child psychology and behaviour to ensure that it meets the needs of children and promotes their development.

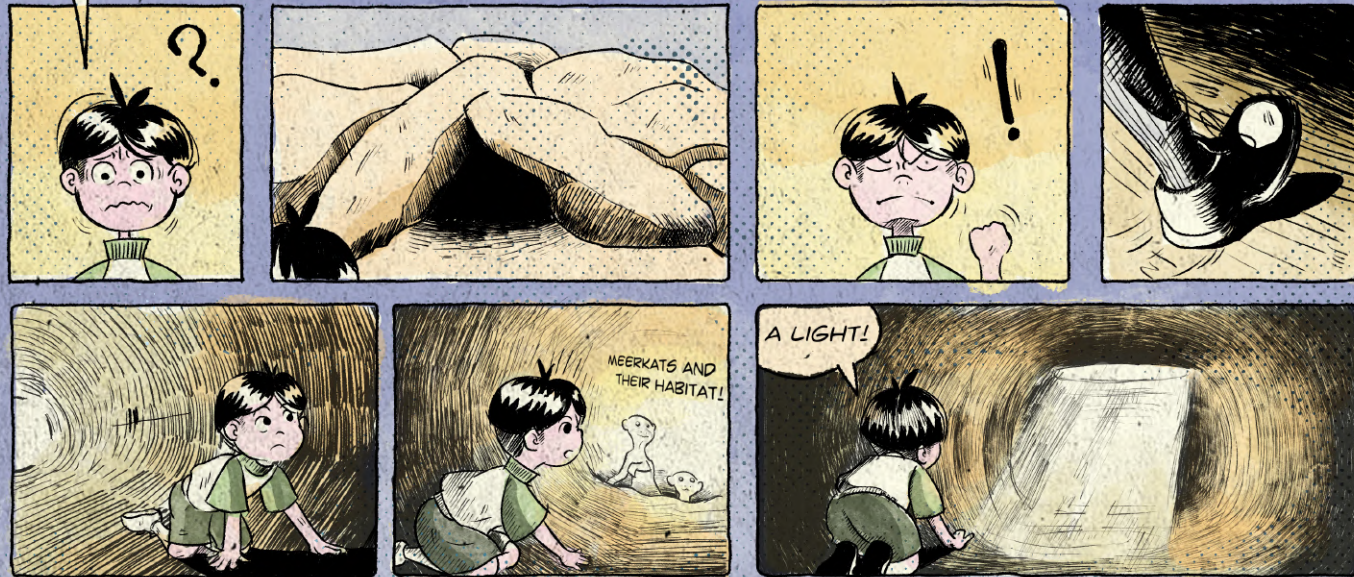


WHAT KIND OF CHILDREN'S PARK IS THIS?

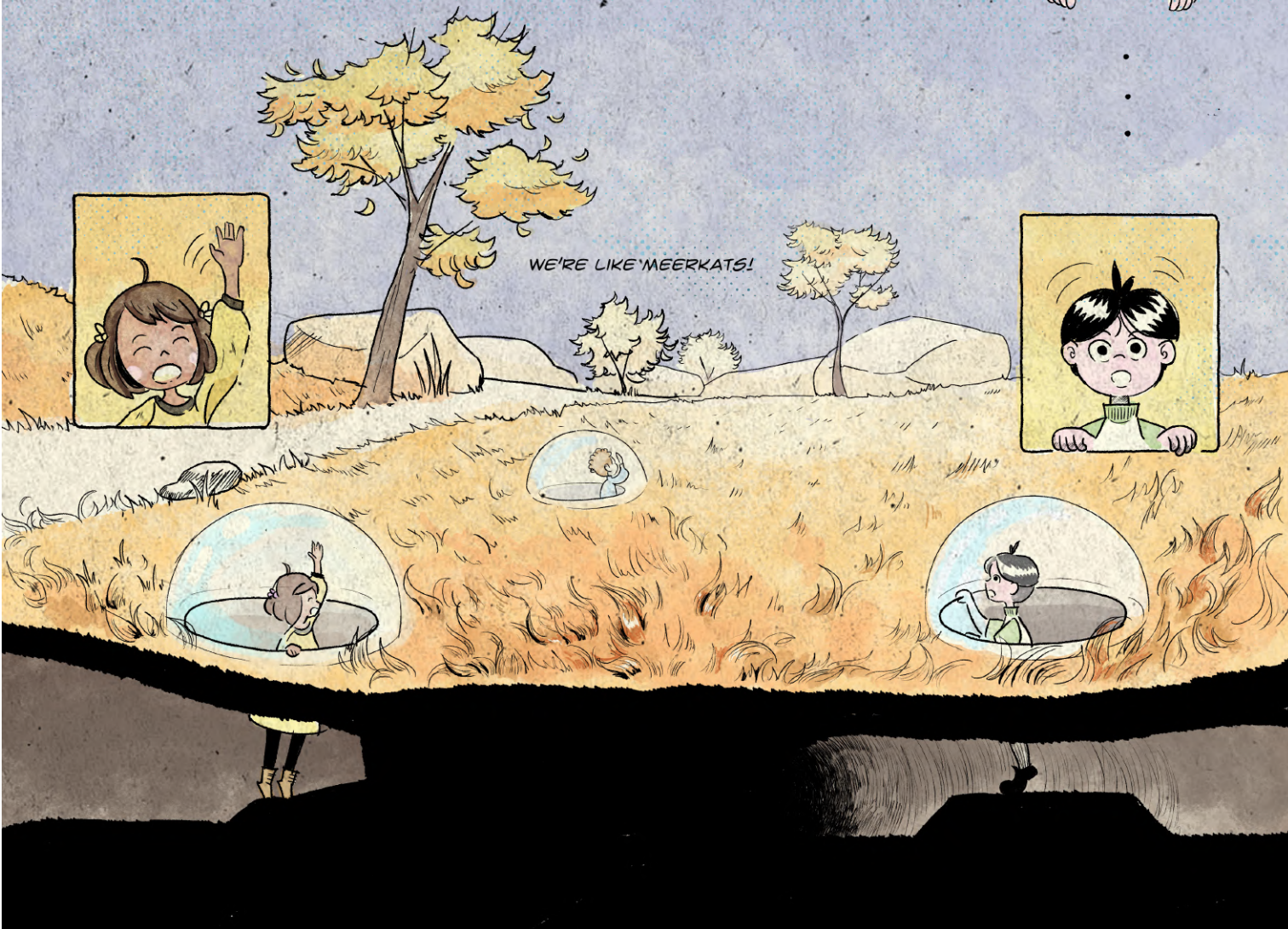
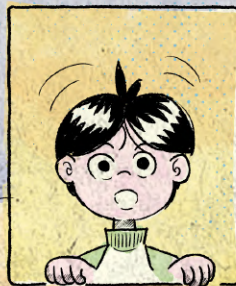
(WHAT A SCARY LOOKING CAVE, WONDER WHAT'S INSIDE...)

AUTHOR: AASHRAYA RAJKARNIKAR
B. ARCH. FOURTH YEAR I
SECOND EDITION, RS. 49

01



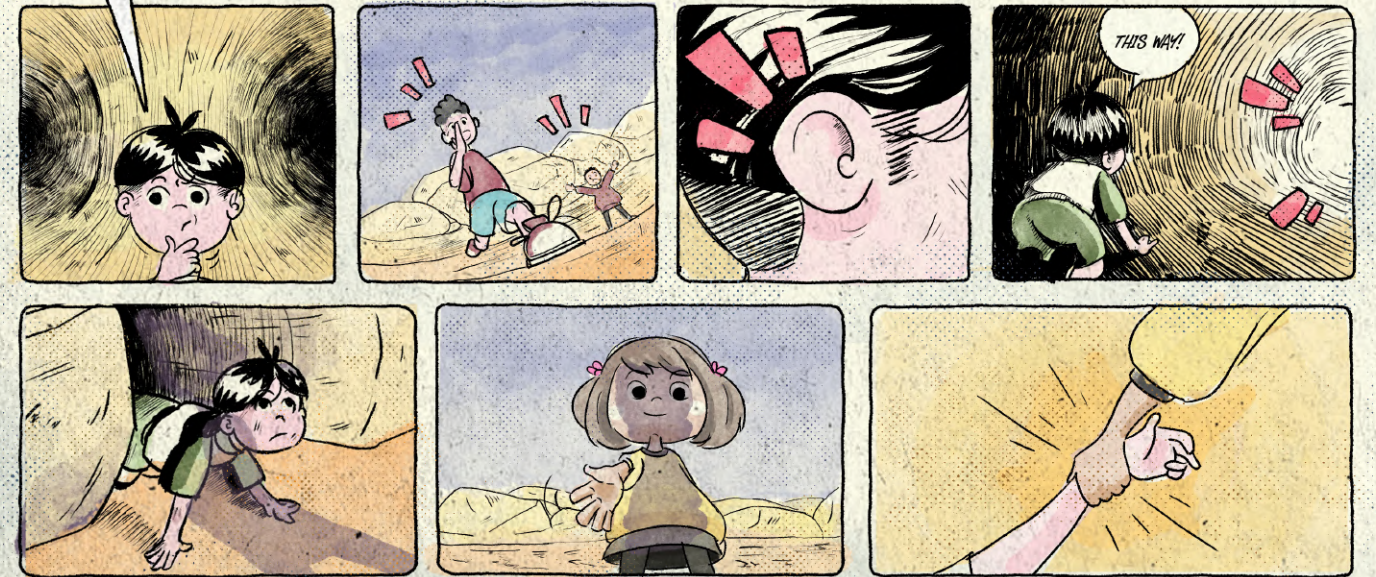
WE'RE LIKE MEERKATS!



I NEED TO
FIND A WAY OUT OF HERE

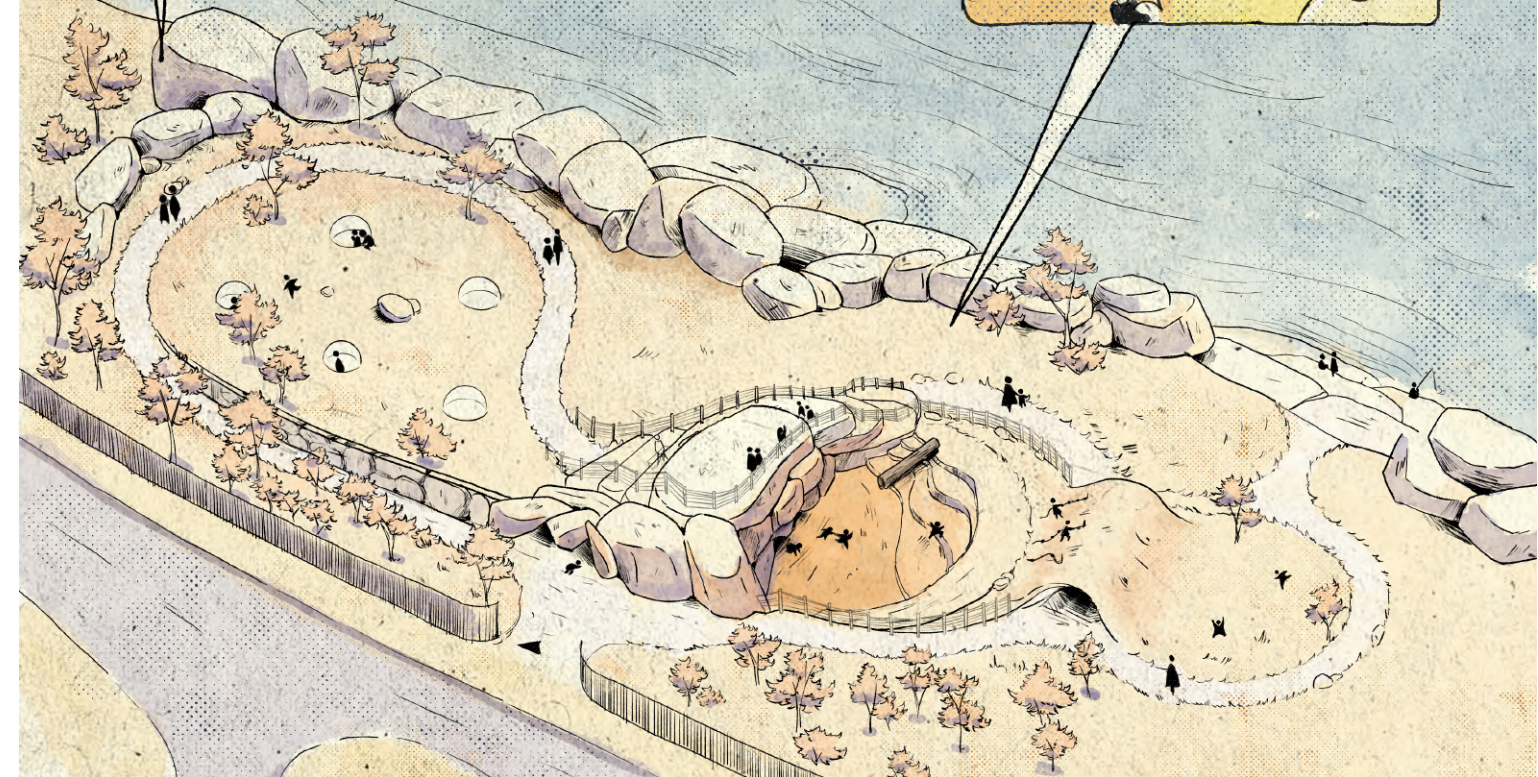
THROUGH DIFFERENT AFFORDANCES PROVIDED BY THE PARK, THE KID
DEVELOPS IMPORTANT COGNITIVE SKILLS. MOREOVER, LEARNS TO TAKE RISKS
AND AS A RESULT, BUILDS SPONTANEOUS FRIENDSHIPS. RELATING THE PARK
WITH A MEERKAT'S NATURAL HABITAT GIVES HIM AN EDUCATIVE EXPERIENCE!

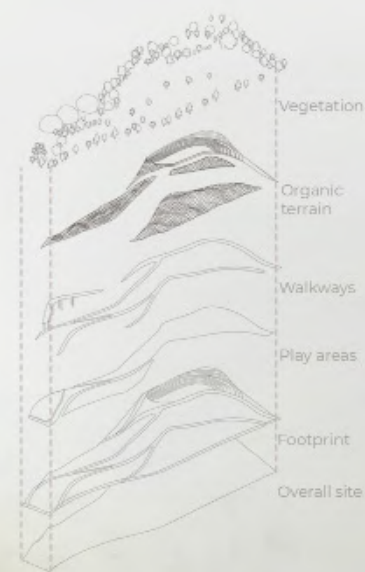
02



THE PARENTS GET A KICK
OUT OF IT TOO!

IT'S LIKE WE'RE IN A ZOO!



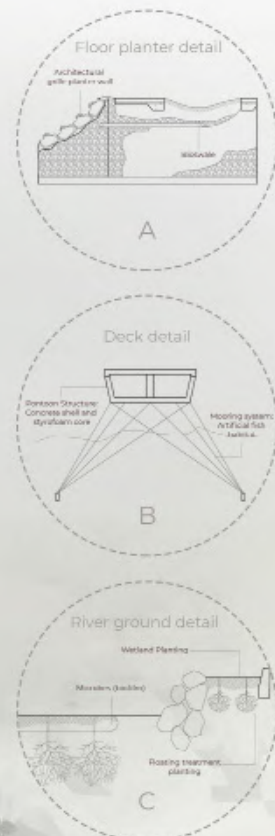


CHILD'S PLAY

THE CHILDREN'S PARK REIMAGINED

LOCATED AT THE RIVERFRONTS OF LALITPUR, THE CONCEPT OF THE PARK REVOLVES AROUND THE IDEA OF IMPORTANCE OF WILDERNESS IN TERMS OF PLAY AND GROWTH IN CHILDREN. THROUGH EXPOSURE TO WILDER NATURE, THE DESIGN HELPS IN DEVELOPMENT OF CHILDREN'S COGNITIVE SKILLS AS WELL AS DEVELOP A SENSE OF STEWARDSHIP OVER THE ENVIRONMENT THAT THEY GROW UP PLAYING IN.

THE DESIGN CONSISTS OF MAINLY FOUR TYPES OF PLAY: CLIMBING, SLIDING, CROSSING (TUNNEL) AND SPINNING. THE PLAYS ARE PROVIDED TO THE CHILDREN IN NATURAL FORMS THROUGH CHANGES IN TERRAIN WHILST ALSO TAKING INTO ACCOUNT THE NEED FOR PROVIDING OPEN ENDED PLAY AREAS FOR IN ORDER TO ENHANCE THEIR IMAGINATIVE SKILLS.

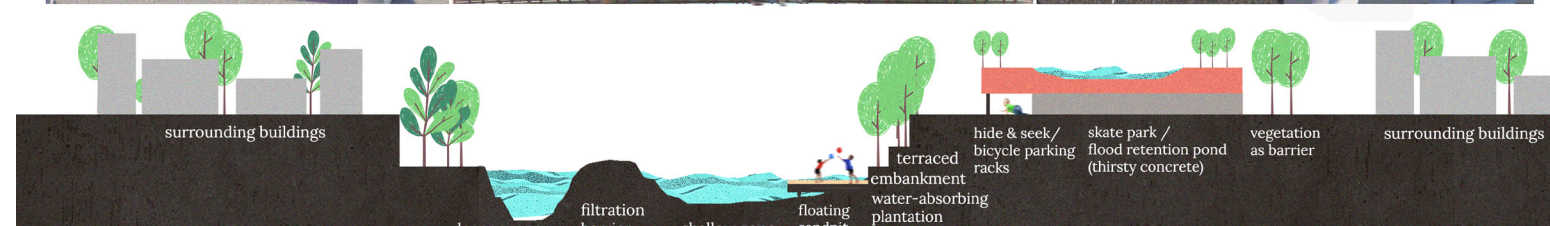


THE CHILDREN'S HOUR

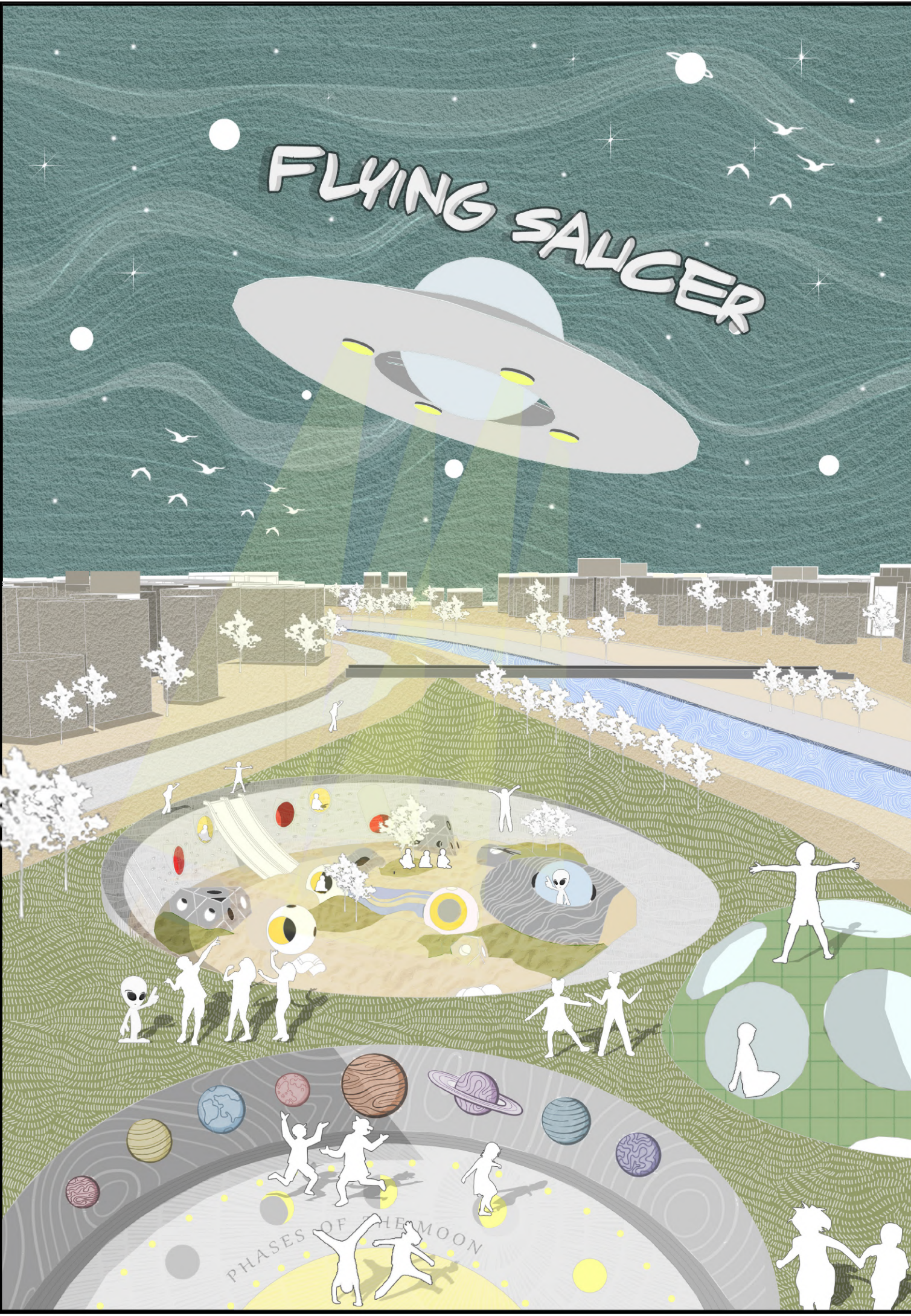
create. wonder. conquer.
Visualizing Children's Park
Kalopul, Teku, Nepal

Grass between toes, dirt on skin, catching magic in dusk; children making mud pies, saving bumble bees and finding beauty in things that sting. A kingdom to conquer: crowns are made out of flowers; strangers turn into companions and seconds feel like the time it takes to be found playing hide and seek. When streetlights show their faces, play time is over, gleefully riding bikes back home -- the squeals and laughter echoing from the playground into the streets.

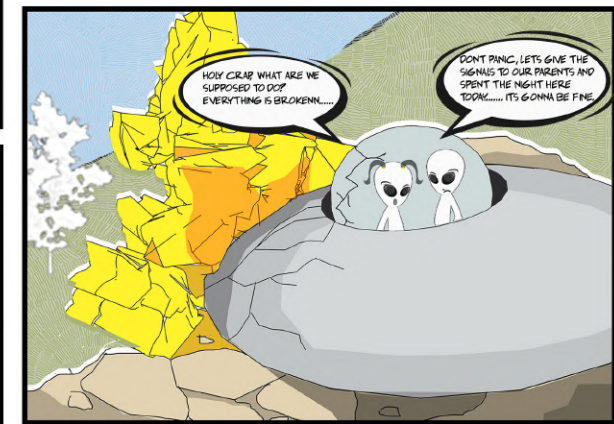
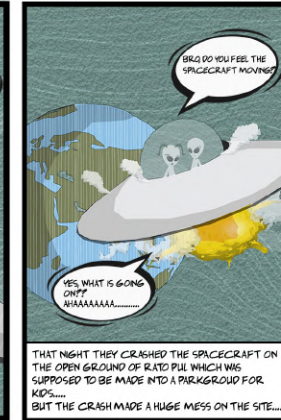
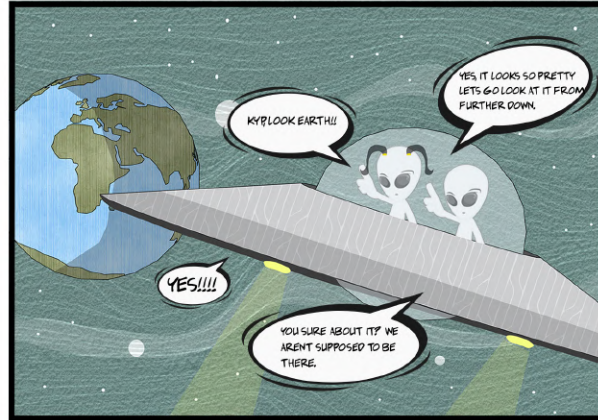
Author: Manashi Shrestha | B.Arch '18 | 25



FLYING SAUCER

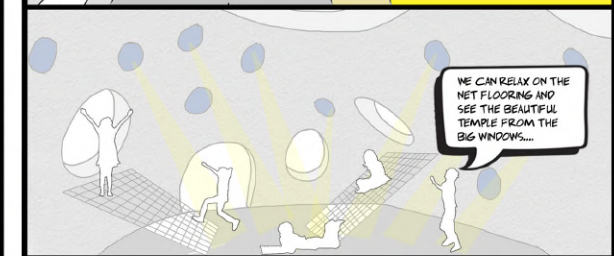
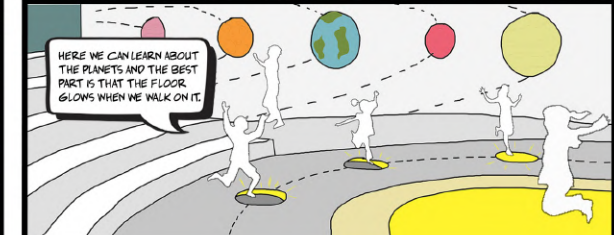
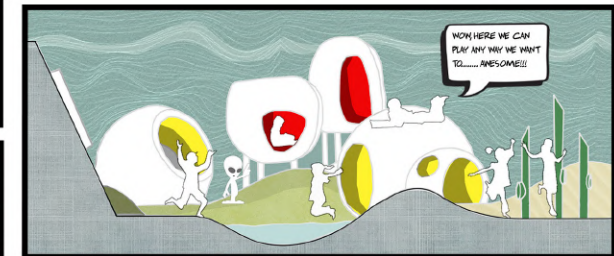
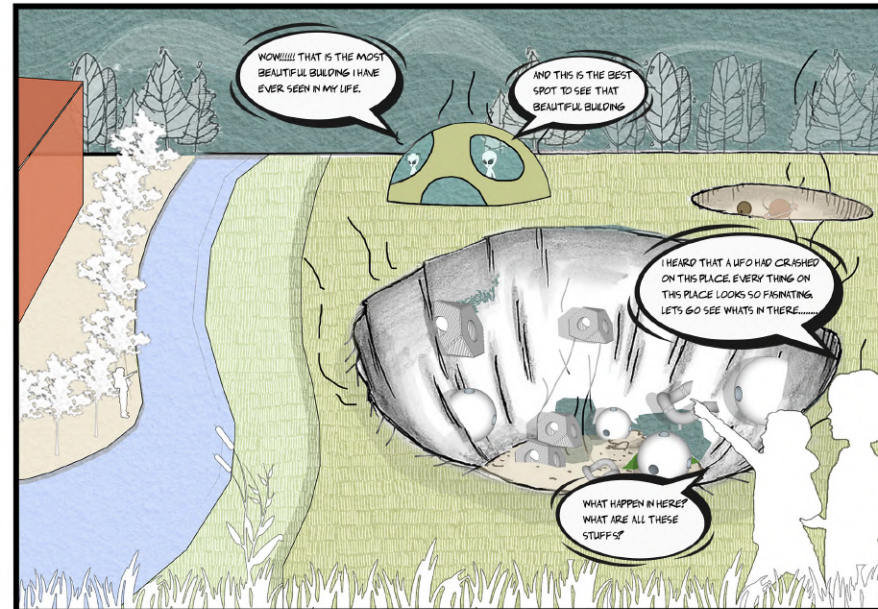


THE STORY BEGINS WITH AX AND KYP ROAMING AROUND THE SOLAR SYSTEM AFTER THEIR SCHOOL, OBSERVING THE PLANETS THEY HAD JUST STUDIED ABOUT. KYP GRABBED THE SPACECRAFT'S FIRE CONTROL TO GET NEAR THE EARTH, AND THEIR SPACECRAFT LOST CONTROL AND HIT THE EARTH LIKE A METEOR, LEAVING A CRATER ON THE LAND.....

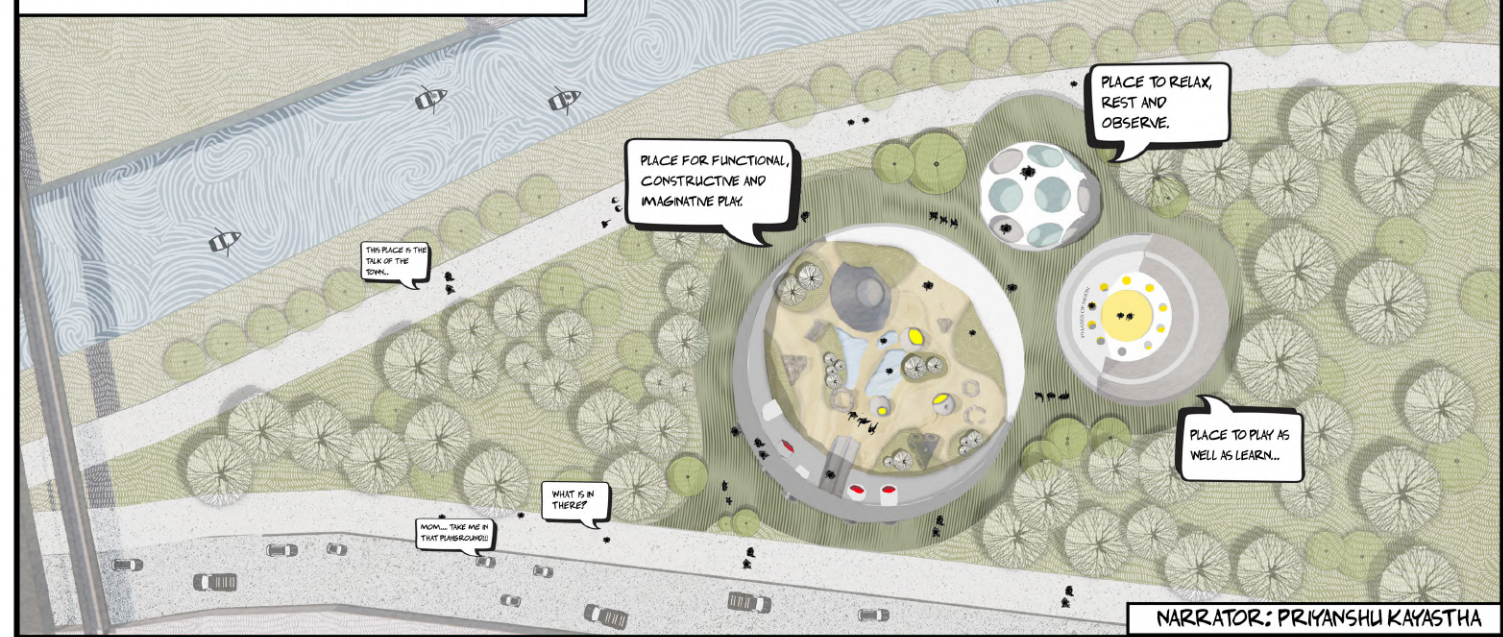


NEXT DAY IN THE MORNING WHEN AX AND KYP WOKE UP THEY SAW SO MANY KIDS BEING SO CURIOUS ABOUT PARTS OF SPACECRAFT..... AX AND KYP THEN VOLUNTEERED TO TELL THEM ABOUT IT.

WHEN THE SPACECRAFT CRASHED IT FORMED TWO LARGE CRATER. THE LARGER ONE HAD ALL THE BROKEN PIECES OF THE SPACE CRAFT. WHEREAS, THE SMALLER CRATER HAD THEIR SCHOOL PROJECT ABOUT THE PLANETS. AX AND KYP DECIDED TO SLEEP THAT NIGHT ON THE GEODESIC DOME OF THE SPACECRAFT FROM WHERE THEY OBSERVED THE WONDERFUL ARCHITECTURE OF NEPAL.



AX AND KYP WERE NOW FRIENDS WITH SO MANY KIDS ON EARTH. ALSO THEY GOT TO LEARN SO MUCH FROM THE KIDS AND HAD THE BEST TIME OF THEIR LIFE ON EARTH. FINALLY THEIR PARENTS CAME TO PICK THEM UP THEY HAD TO GO THAT DAY BUT AX AND KYP PROMISED THE KIDS TO VISIT AGAIN VERY SOON.....



NARRATOR: PRIYANSHU KAYASTHA



SRESTAA BHATTARAI

03. HOUSING & APARTMENT DESIGN, DESIGN STUDIO VIII

Batch: 2017 & 2018

The project aims to respond to the conventional housing modalities. The challenge was to obtain the mass housing accomodation for 200 households in 81,033 sq. m of gently rolling terrain land.





Aimed at providing a sense of place and a vibrant community space, the design welcomes people from all backgrounds ensuring the unity among the differences. As a community requires social interaction, the design incorporates social inclusion and activity as well as maintain the quality of individual space.

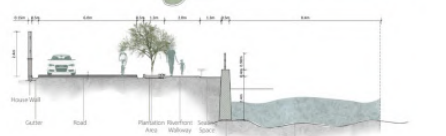
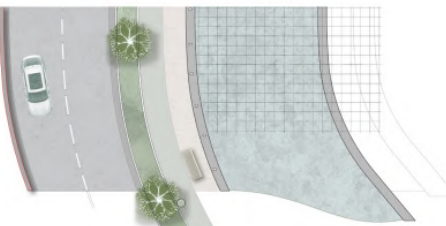
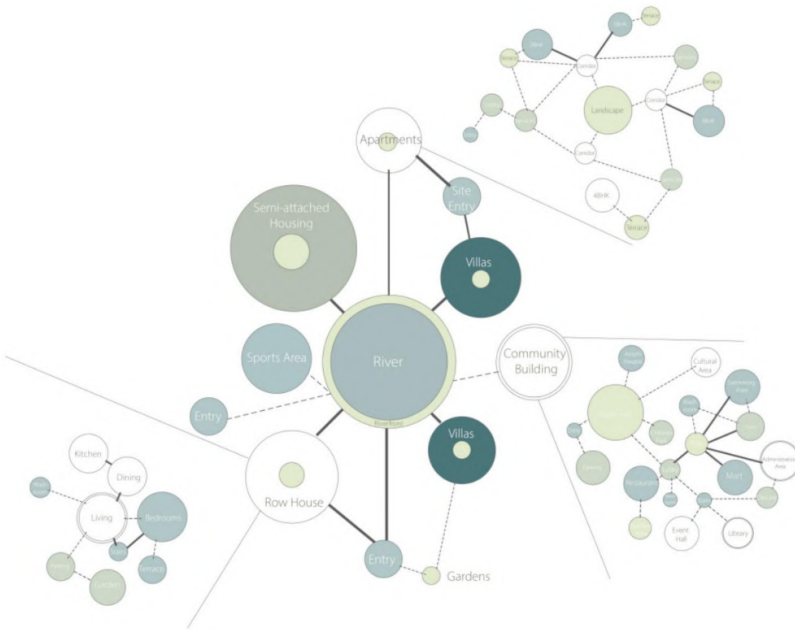
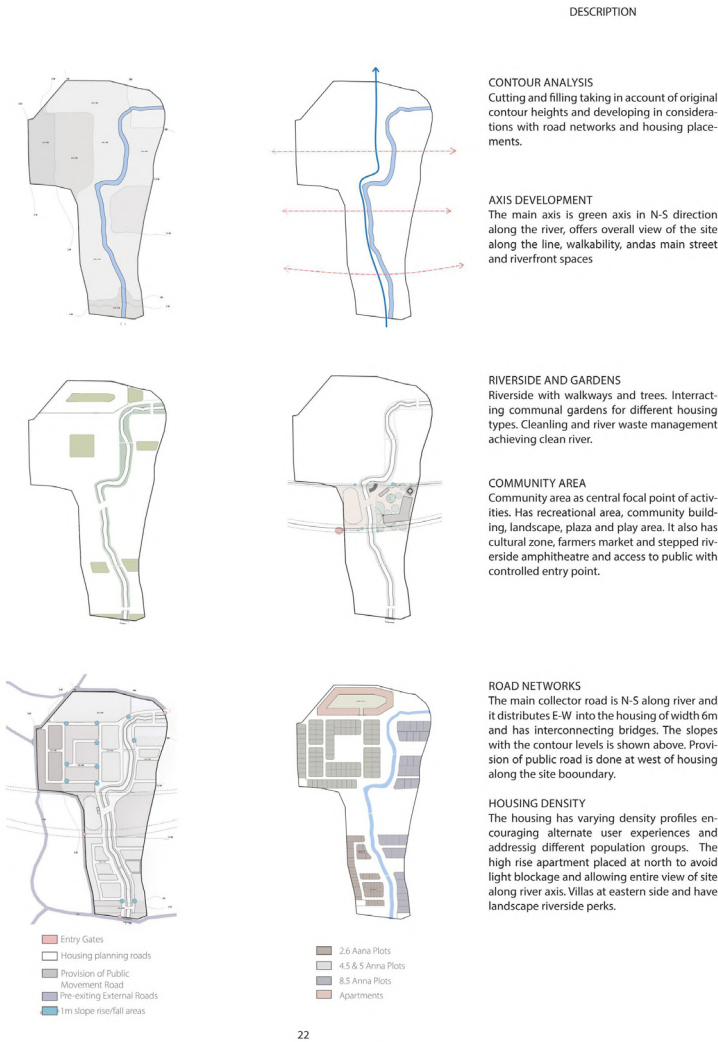


The main challenge of incorporating public road within the boundary was overcome by providing common spaces in the proximity. Residential zones were developed considering the contour levels on site in the outskirts of the common spaces.



Affinity Housing is designed to create common spaces on various levels and an environment for collective growth of the residents sharing their feelings, intentions, attitudes, and experiences and social part of life. Housing is designed with an axis along river with landscapes, major roads and riverfront and distribution of housing spaces and landscape with respect to it and perpendicular axis.

One of the important feature of the design is the landscape and green spaces. Garden and landscape enhances the setting of housing and it improves the place feature and affects the human mood.



Semi-Attached Housing

Central Landscape

Housing Unit

Riverside trees

River

Road

Villas





Detahced Housing



Detahced Housing-
Type A



Semi-Detahced Housing-
Type A



Semi-Detahced Housing-
Type B



Interior View of Housing Units



GRIHA

MANASHI SHRESTHA | AAGYA K.C. | PRATIMA BASYAL |
DAKSHA THAKUR`

“Human Habitats Intereact with the environment in various ways.”

With the densification of inner suburban areas, an increasingly critical component of successgul city- making, Grihah aimed to create a generous and high quality variation of multi- residential housing that could offer an attractive alternative to the suburban family home.



The proposal uses linear open spaces evenly divided throughout the housing site, integrating the slopes and contours of the land into the overall plan, creating a neighborhood that blends with the natural environment.



Community Building



Apartment

Interior View of
the Apartment



Living Hall Interio



Kitchen Separat



Bedroom Interio

HOUSING BY THE RIVER

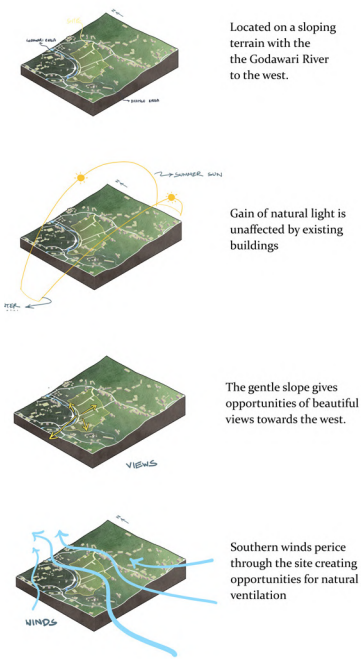
AASHRAYA RAJKARNIKAR | PRIYANSHU KAYASTHA |
BHAWANA BHANDARI

The location of the project has seen a huge boom in human settlement, with increasing land values and hundreds of houses being built every year.

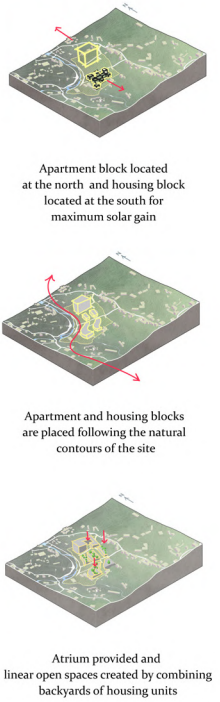
Keeping in mind the high land values of the area, the project aims to create a dense housing community while still maintaing restorative open spaces that the inhabitants will require.

These restorative spaces are designed in form of linear green belts that combines the back yards of rows of housing units.

Site Features



Design Development



The proposal uses linear open spaces evenly divided throughout the housing site instead of one large plot that may not be equally accessible to everyone



Row Housing



Detached Housing-
Type A



Detached Housing-
Type B

The green belts will be designed with a mix of natural and designed elements, such as trees, shrubs, grasses, and trails, to create a diverse and engaging environment.

By combining the back yards of housing units, the green belts will also create a sense of community and promote social interaction among neighbors.

The shared open space will encourage residents to spend time outdoors, engage in activities, and foster a sense of belonging within the community.



Split Level | Living Room & Kitchen



Kitchen connects the Backyard Green Belt.

Split Level | Connecting Living Room, Kitchen& Bedrooms



HILL AVENUE



SARAHANA SHRESTHA

04. MIXED USE COMMERCIAL, DESIGN STUDIO V

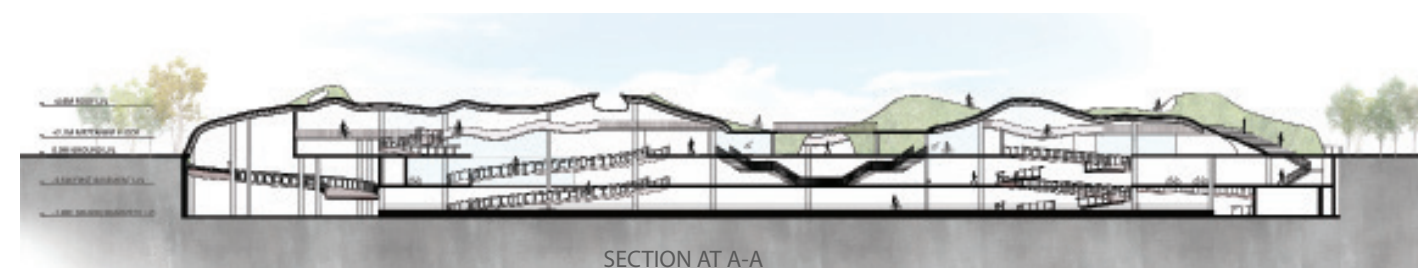
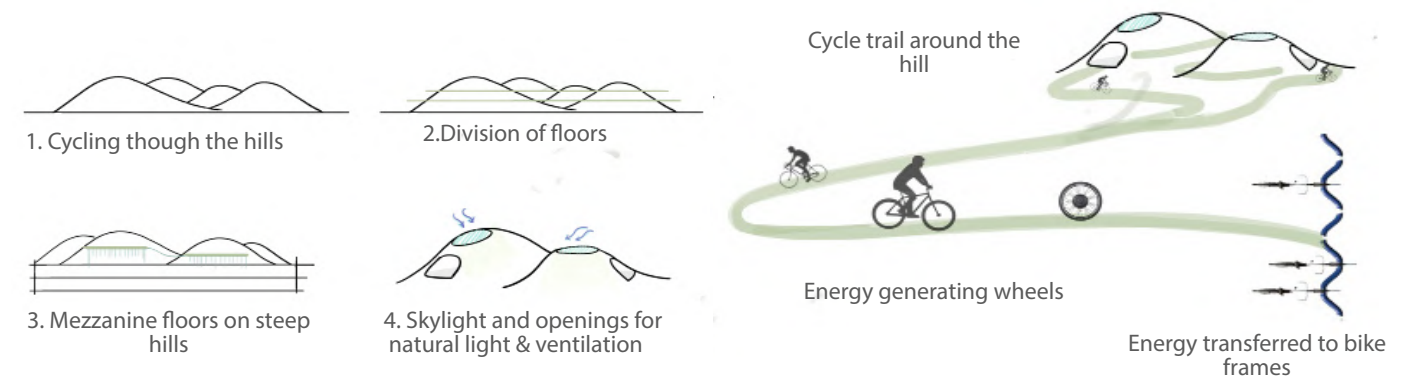
BATCH: 2019

With the urbanity increasing every day, it is of profuse importance to design multi functional buildings that create a more diverse and efficient use of space and provide a sense of community by bringing together different types of people in one location.

The brief for this project is to design a mixed use building that supports three programs. The aim of this project is to rethink the urban junction of Tripureshwor as a hub for people to rejoice and rejuvenate in the innovative and people centric design.

Derived from the concept of cycling in and around the valley, the Hill

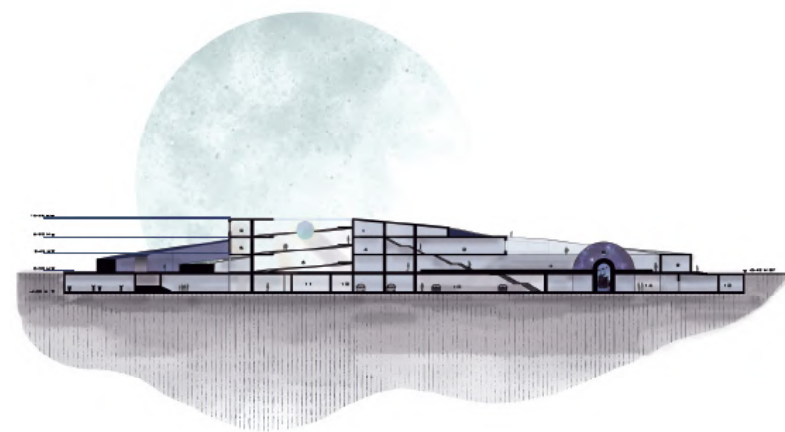
Avenue aims to emulate the feeling of cycling uphill and downhill throughout the structure. Cycling hub being the main program, the complex also consists of food hub where the visitors can come cook their own meal, and handpick the ingredients from the organic gardens within the complex, a fashion hub where visitors shop and also be their own designers.



THE COLLISON

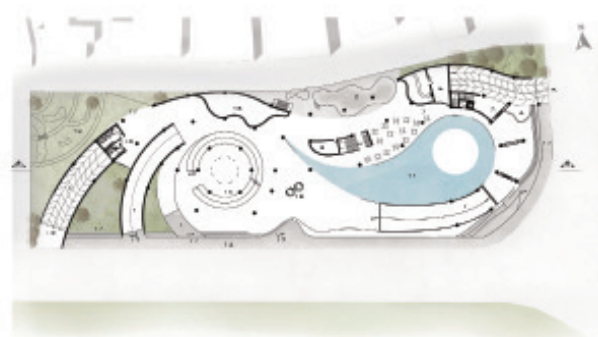


“The Collision” unites the programs under a single complex where the unique cluster of community learn through its architecture; skateboarders learn physics behind their motions, scholars learn wellness effects of physical activities, passersby learn to ponder about the stars and find a rejuvenating space in midst of the daily hustle and bustle.

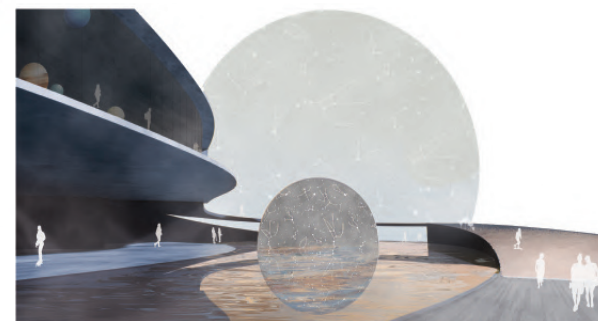


1. TRANSIT HUB
2. TRANSIT BEATING
3. CAFE NEPTUNE
4. KIOSK
5. PLANETARIUM EXHIBITS
6. PUBLIC SQUARE
7. POND
8. PLANETARIUM
9. ENTRANCE LOBBY
10. PARKING
11. GUARD ROOMS
12. TICKETING BOOTH
13. STORAGE
14. PLANETARIUM LOBBY

SECTION AT A-A



1. RAMP
2. ELECTRIC
3. PLANETARIUM EN-TRANCE
4. PLANETARIUM TICK-ETING
5. VEHICULAR EN-TRANCE
6. KITCHEN + PANTRY
10. WATER CLOSET
11. WATER BODY
12. “EARTH” SKATEPARK
13. VEHICULAR EXIT
14. 3 M WIDE PEDESTRAIN ROAD
15. PUBLIC SQUARE
16. SKATE RETAIL
17. E/E



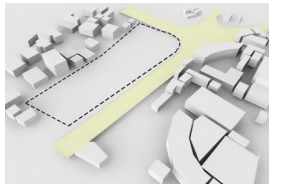
SURFERS REALM



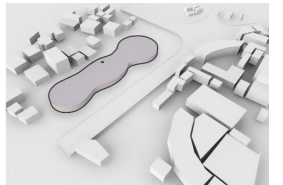
SARAD ARYAL

Surfers realm is a commercial complex that has a concept of providing a multi-functional, cosy space for athletes and also promote the nepali culture to the outcomers through nepali art and craft. Surfers realm serves athletes as a sports junction, shopping centre & stay service.

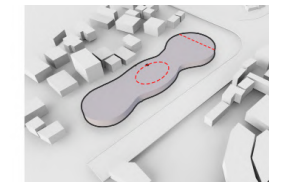
1. Site



2. Basic volume from 3 ellipse



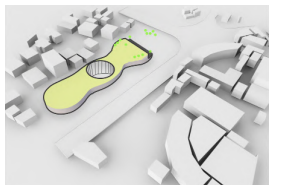
3. Cutting off volume for flexible spaces



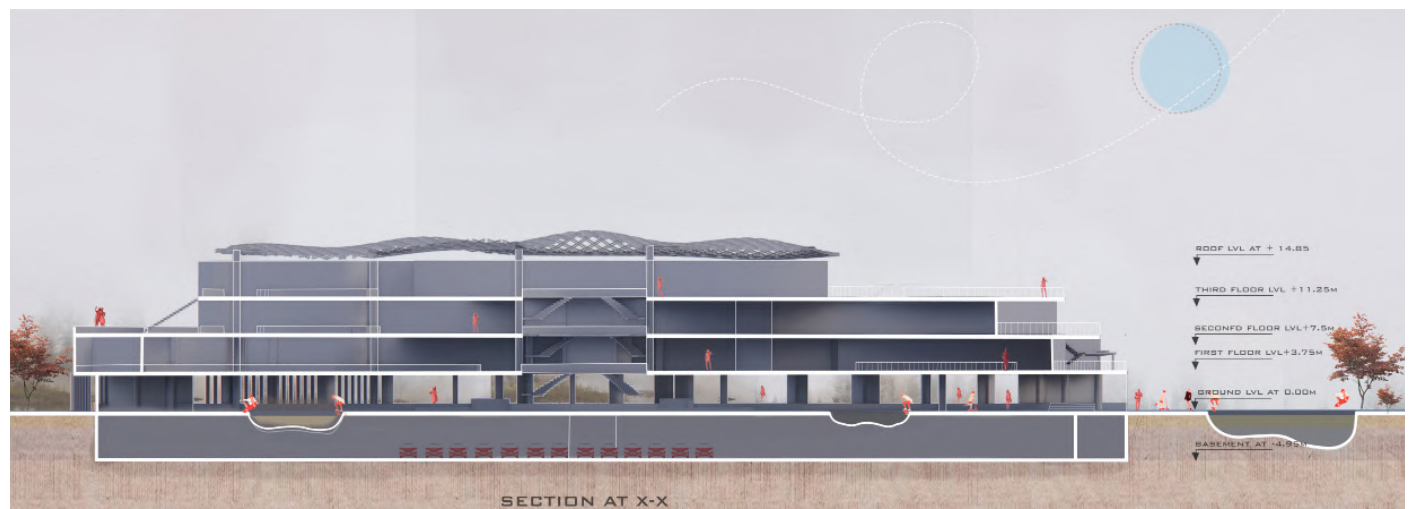
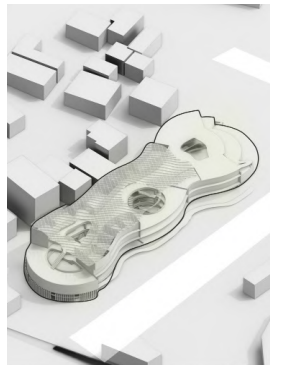
4. Daylight through void



5. Green spaces at terrace

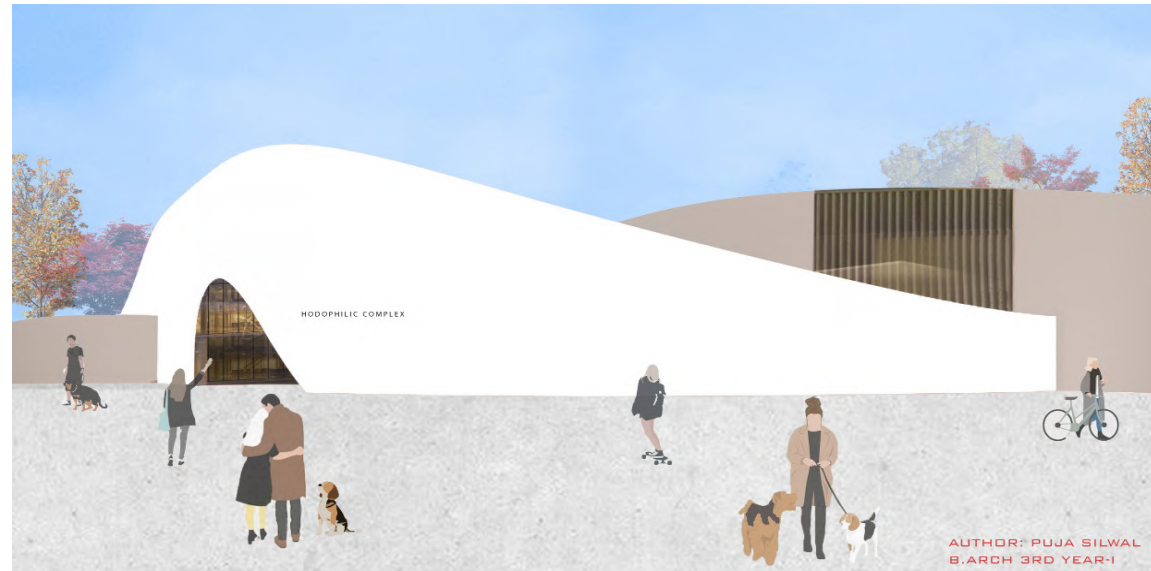


6. Final form

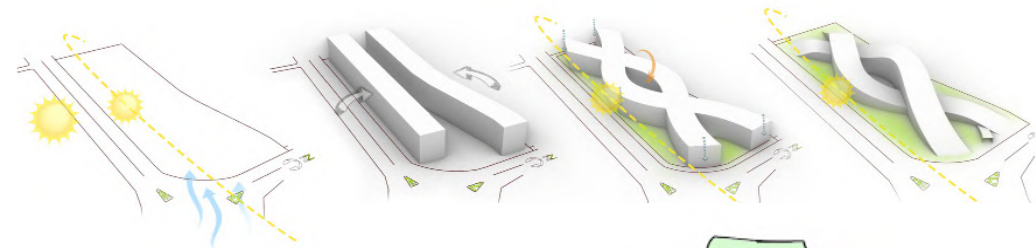


SECTION AT X-X

HODOPHILIC COMPLEX

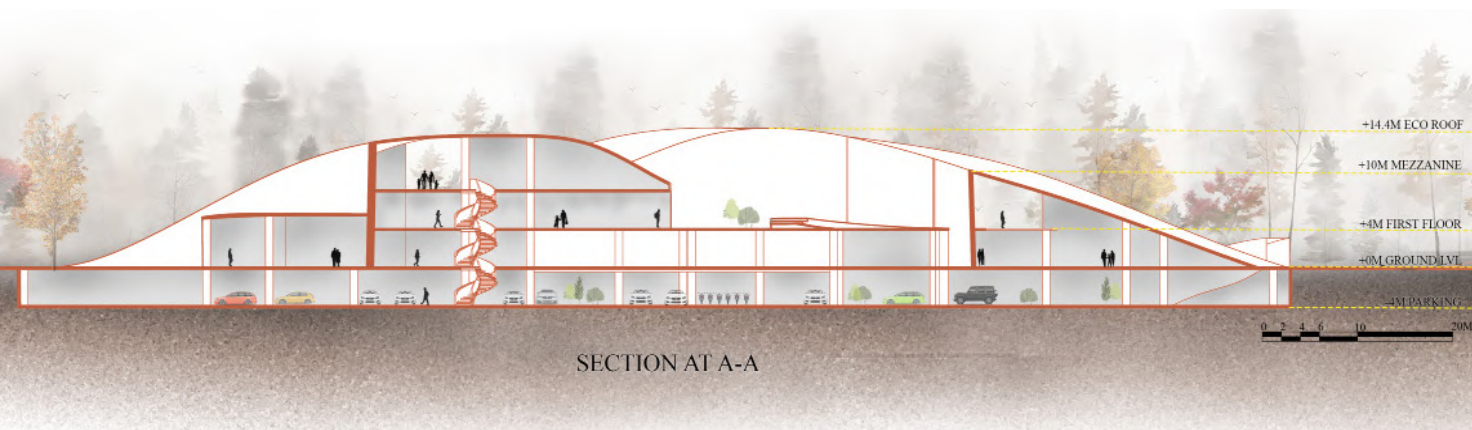
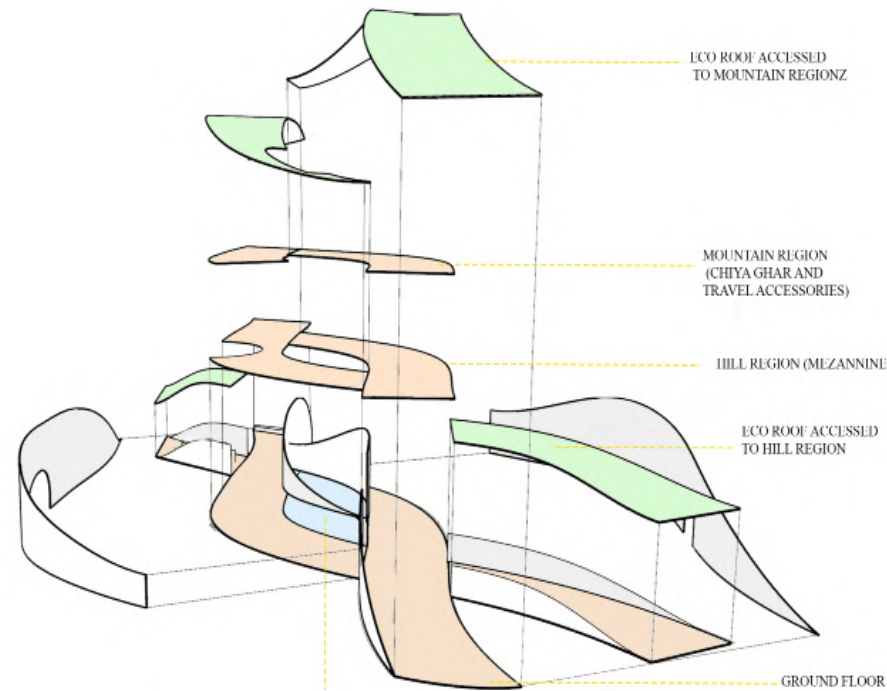


PUJA SILWAL



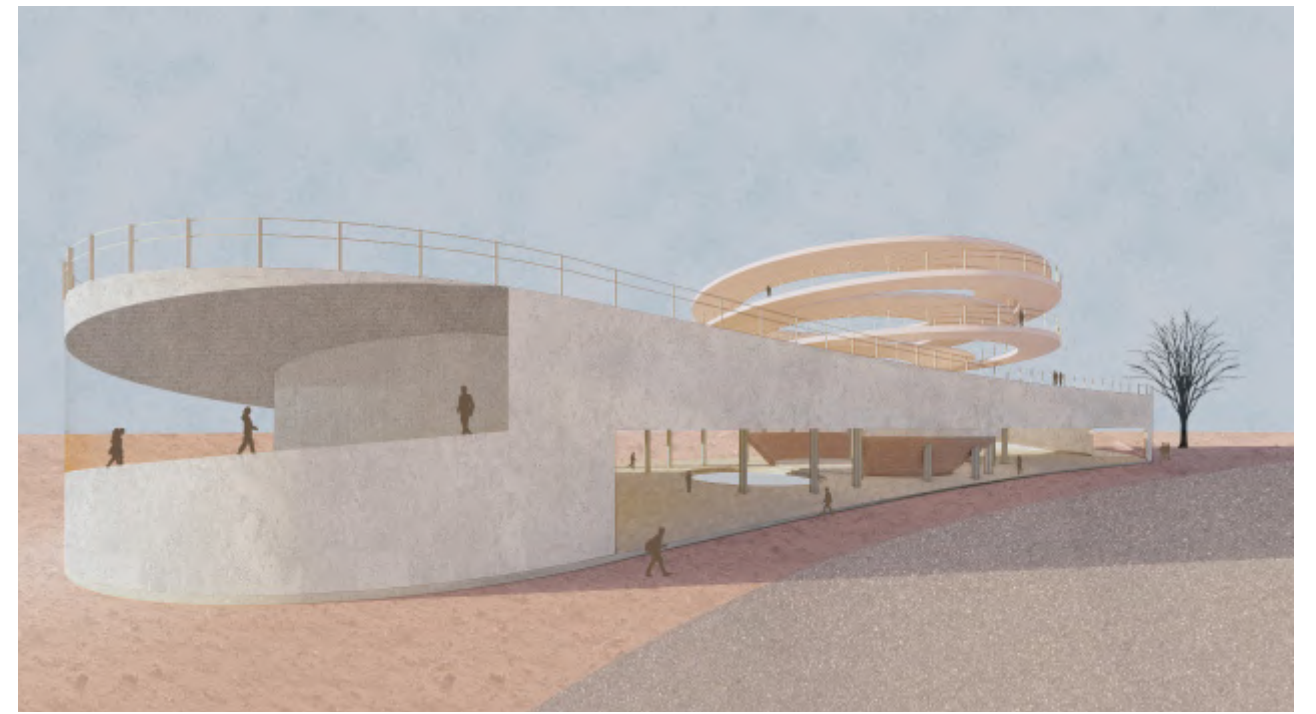
CONCEPT

Located in Tripureshwor, the Complex was designed with an idea of creating and organicity exception to the site surroundings. A place of interaction, discovery, learning and inspiring is playfully accomodated along with trees and different pocket space for interaction and water body at the middle.



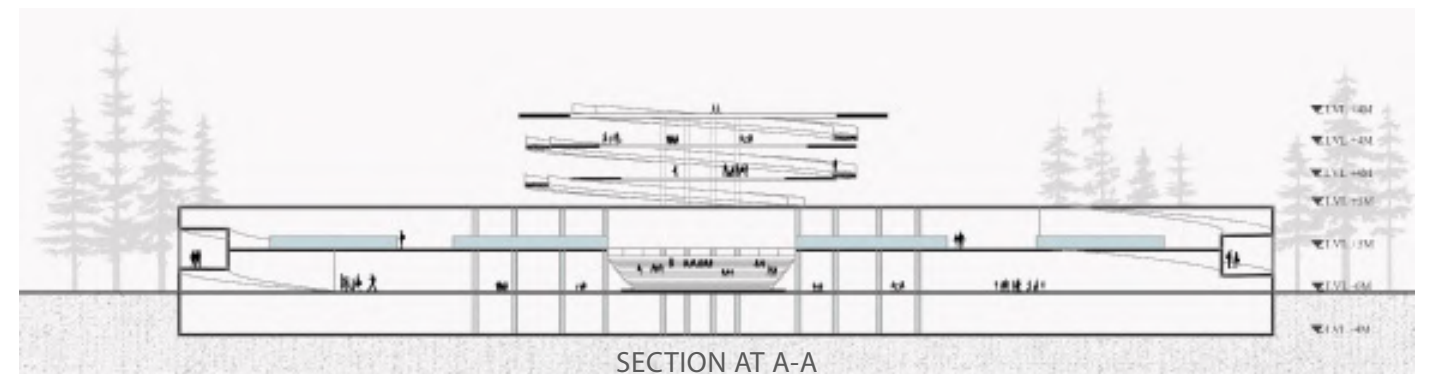
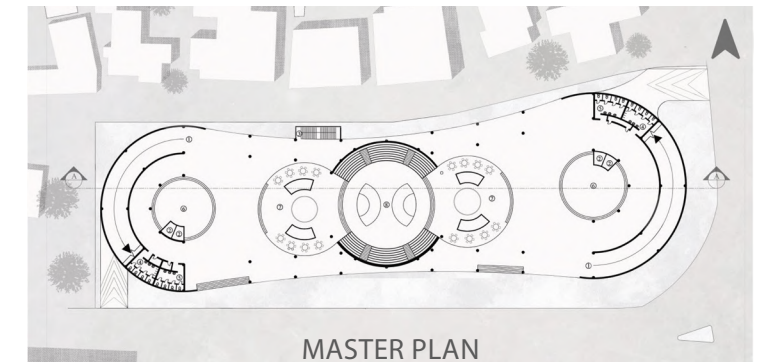
SECTION AT A-A

AUGMENTED ZONE



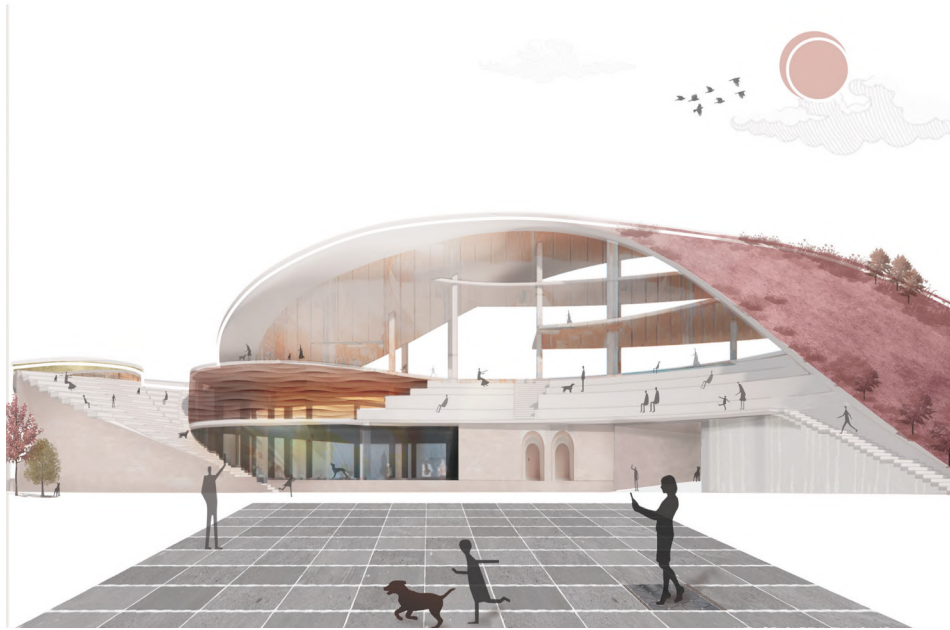
SRIZAN KC

Every game lover, anime lover, comic lover has a dream to explore their virtual world. A-Zone provides real world gaming experience with generated perceptual information overlaid on top of it.



SECTION AT A-A

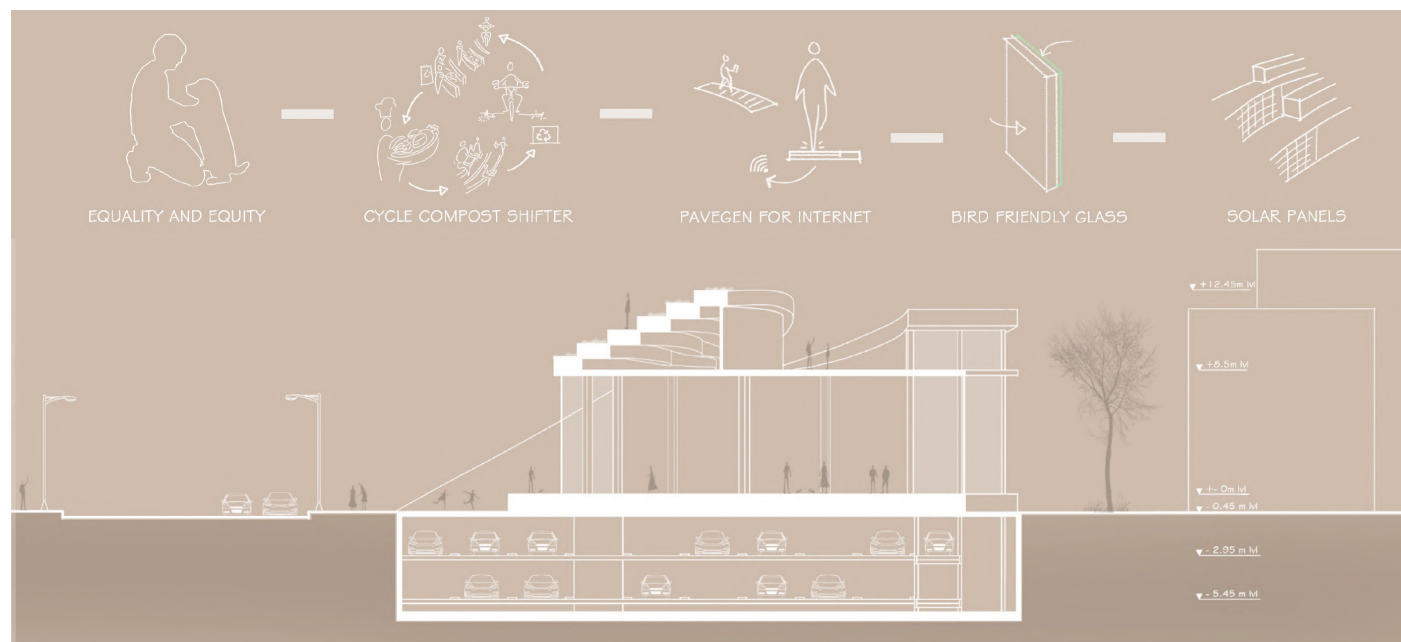
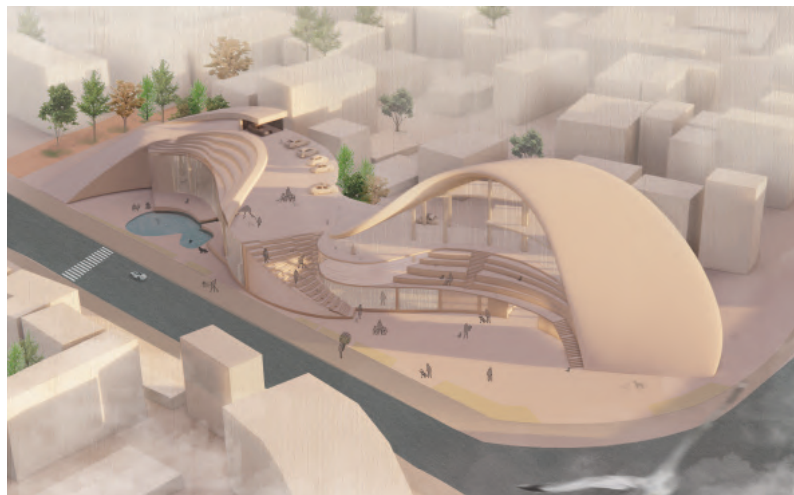
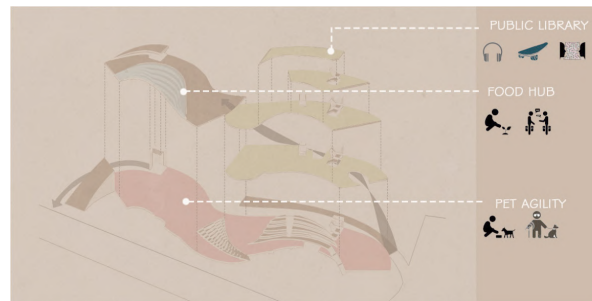
SOCIO SCAPE



SHREYA TULADHAR



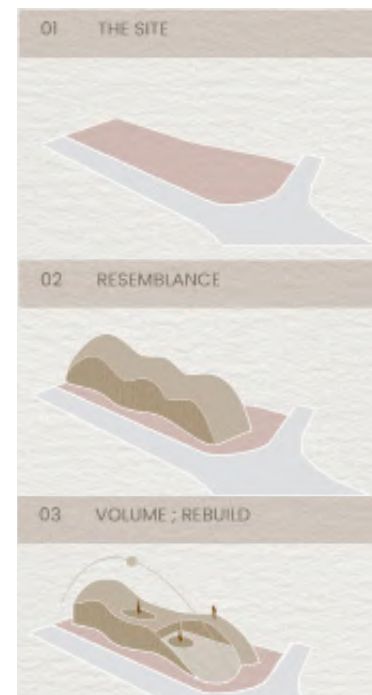
SOCIOSCAPE envisions an ecological utopia where reciprocity of all that nature has given us transpires, besides coexisting, beings learn to co-adapt through mutual effort.



URBAN HILL

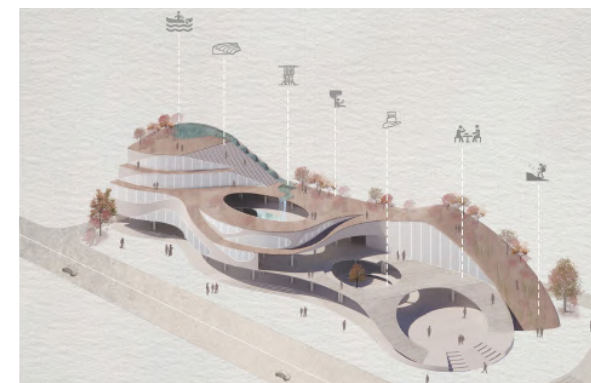


SUPRIYA BHUJU



CONCEPT

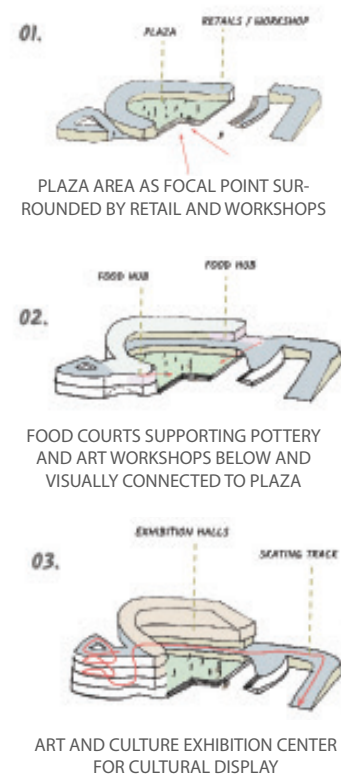
This project is intended to create a community hub in the heart of Kathmandu bringing people together through an experiential journey. This idea stems from creating an urban hill interweaving green spaces and city without losing building space. This design combines the experiences of hands on with clay arts and hydroponics farming throughout the building creating an immersive journey in and out.



CULTURE AMIDST THE CITY



This cultural town houses pottery and art workshops, cuisine hubs and retails around the plaza experienced through skating. The surrounding accentuates the cultural value of the locale amidst the city.



05. VERNACULAR DESIGN STUDIO, DESIGN STUDIO VI

Batch: 2018

The Vernacular Design Studio project involved a the documentation of Dapcha, a village located in Namobuddha Municipality of Kavrepalanchowk district. The primary objective of the project was to document the bazaar area of the village, which involved measuring all the building plans and elevations, as well as preparing a settlement plan.

Chhattrebajh, Dapcha

Chhattrebajh, Dapcha, Kavre is a small village located in the Kavrepalanchok District of Nepal. The village is situated in a beautiful valley surrounded by lush green hills, and it is known for its architecture and rich cultural heritage. Chhattrebajh is home to a vibrant community that has a deep connection to their traditional way of life, while also embracing modern influences.

The village's architecture is a blend of traditional and modern elements, with traditional Nepali architecture featuring prominently in the village's homes, temples, and monasteries. The architecture incorporates locally sourced materials such as wood, stone, and brick, and features intricate woodcarvings on the doors, windows, and eaves.

The settlement of Chhattrebajh also features several religious and cultural buildings, such as monasteries and temples. These structures are designed using traditional Nepali architecture, with intricate woodcarvings and religious iconography.





South Elevation

North Elevation

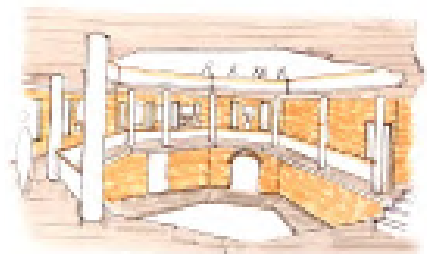
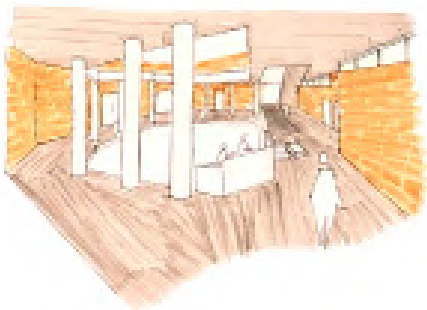
06. ARCHITECTURE SCHOOL, DESIGN STUDIO IV

Batch:2019

The site is within KU boundaries, on the university road in Dhulikhel 45200, 400 meters from the KU Administration block. Its overall size is roughly 8,800 square meters. The project attempts to create a more advanced version of an architecture school.

KUSOA
SCHOOL OF ARCHTECTURE AND DESIGN

AUTHOR : SHREYA TULADHAR



SPACE VISUALIZATION

CONCEPT

GALLERY SPACE

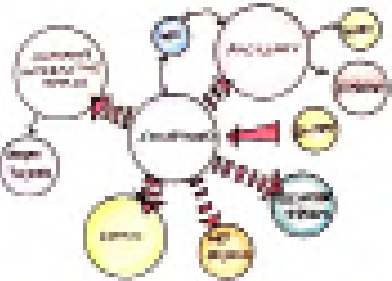


COURTYARD (KU'S ORIGINALITY)



INTERACTIVE MODULES

BUBBLE DIAGRAM



LEGEND

- 1. ENTRANCE
- 2. COURTYARD
- 3. GALLERY SPACE
- 4. ART STUDIO
- 5. LIBRARY
- 6. STATIONARY
- 7. MACHINE LAB
- 8. CAFE KITCHEN
- 9. W.C
- 10. AUDITORIUM
- 11. CO-ORDINATOR'S ROOM
- 12. STAFF ROOM
- 13. ADMIN
- 14. MEETING ROOM
- 15. HOD LOUNGE
- 16. CAR PARKING
- 17. BIKE PARKING
- 18. FOUNTAIN
- 19. WAY TO OTHER SITE
- 20. AMPHITHEATRE

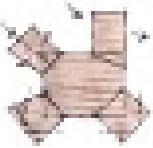
MASTER PLAN

FORM DEVELOPMENT

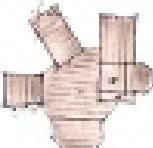
COURTYARD



NATURAL VENTILATION GUIDING ZONING AND VOLUME



ADDITION OF BLOCKS DIAGONALLY- ACCESS IN BETWEEN



MATERIALS



BRICK



STONE



CONCRETE



GLASS

SECTION AT B-B



N-W ELEVATION



THE OPEN ENCLOSURE

View from bridge



View from Entrance



View of Wall Climbing

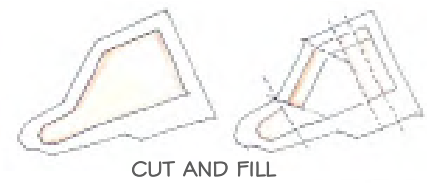


View of Cafe Outdoor



SPACE VISUALIZATION

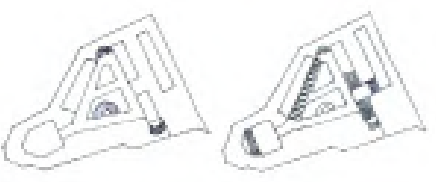
FORM DEVELOPMENT



CUT AND FILL



OPEN SPACE AND CONNECTIONS



CIRCULATION AND PERGOLAS



A cluster of blocks encloses a courtyard with a bridge as a connecting dot. A sense of community encourages to learn and create in a refreshing and inter-active environment.

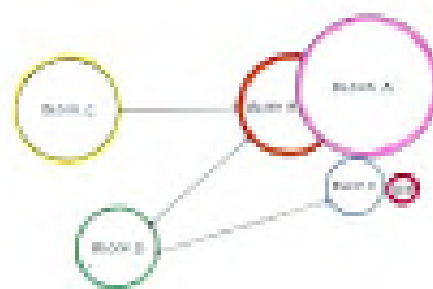
MASTER PLAN



SECTION AT A-A



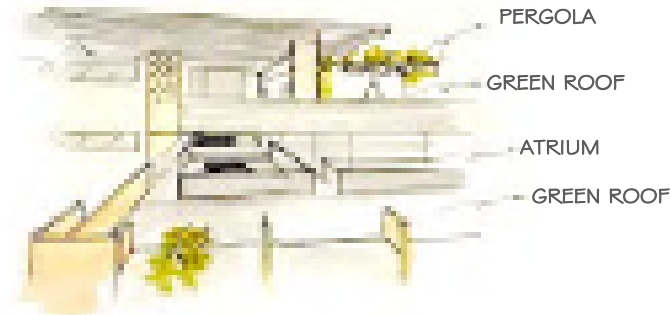
BUBBLE DIAGRAM



PROGRAM FORMULATION

BLOCK A		BLOCK B	
01	RECEPTION	01	ART STUDIO
02	WORKING AREA	02	WORKING AREA
03	POSTING AREA	03	POSTING AREA
04	STUDENT AREA	04	STUDENT AREA
05	STAFF ROOM	05	STAFF ROOM
06	PROFESSOR OFFICE	06	PROFESSOR OFFICE
07	CART	07	CART
BLOCK C		BLOCK D	
08	WORKING AREA	08	WORKING AREA
09	STUDENT AREA	09	STUDENT AREA
10	STAFF ROOM	10	STAFF ROOM
BLOCK E		BLOCK F	
11	WORKING AREA	11	WORKING AREA
12	STUDENT AREA	12	STUDENT AREA
13	STAFF ROOM	13	STAFF ROOM

THE " " BLOCK



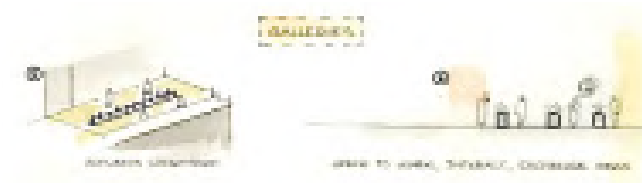
PERGOLA

GREEN ROOF

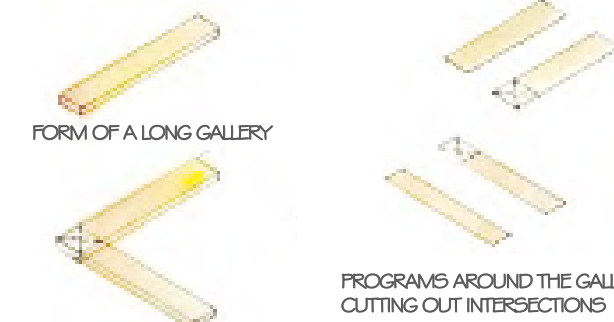
ATRIUM

GREEN ROOF

SPACE VISUALIZATION

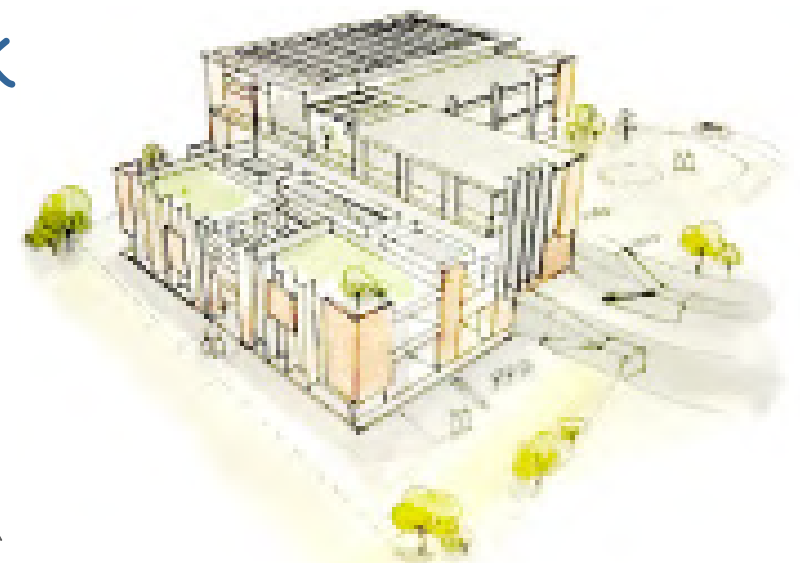
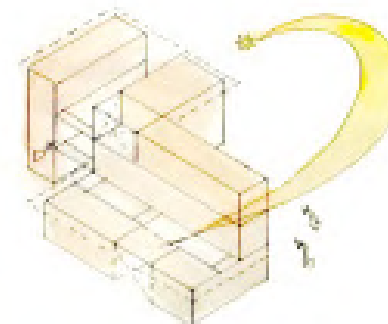


FORM DEVELOPMENT



TWIST AND REPEAT FOR ADDITIONAL PROGRAMS

BRIDGING BUILDINGS, MODIFYING TO FIT SITE'S CLIMATE



MASTER PLAN

- LEGEND
1. ENTRANCE
 2. LOBBY
 3. ADMIN
 4. CRIT ROOM
 5. GREEN ROOF
 6. WC
 7. LECTURE ROOM
 8. LIBRARY



SECTION AT Y-Y



N-W FACADE



METAL

GLASS

CONCRETE

JALI BRICK

BRICK

Prakash Library

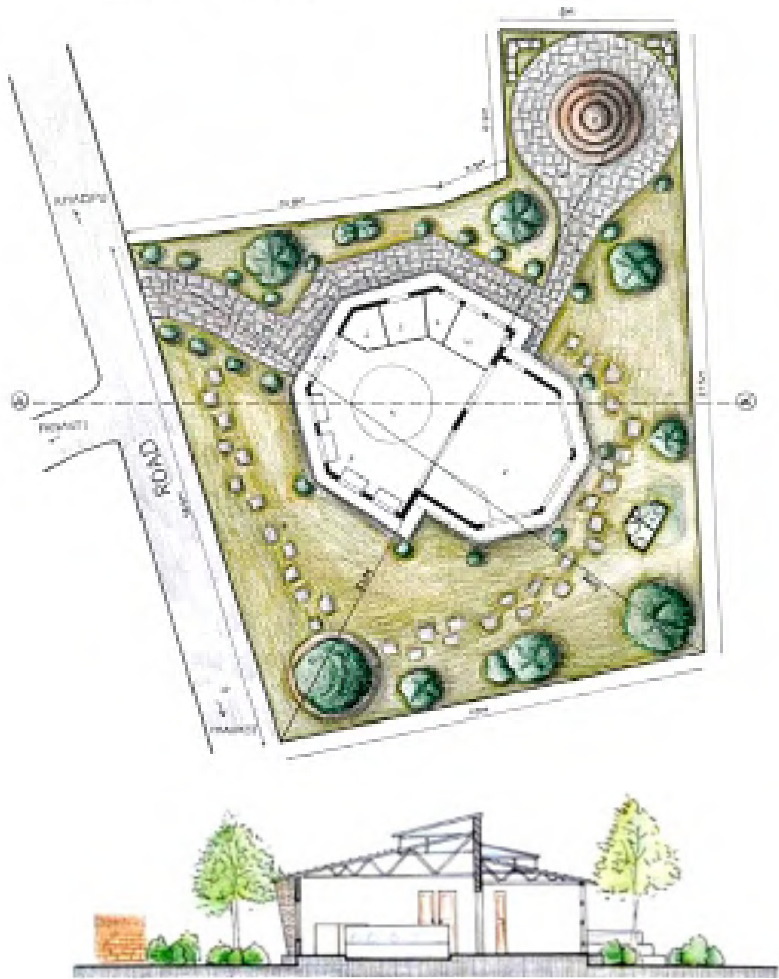


AUTHOR: ANURAG KAFLE, RIYA GHIDIYA, BIBHA DEVKOTA, PRAMILA SHRESTHA

05. COMMUNITY NEED BASED, DESIGN STUDIO IV
Batch:2019

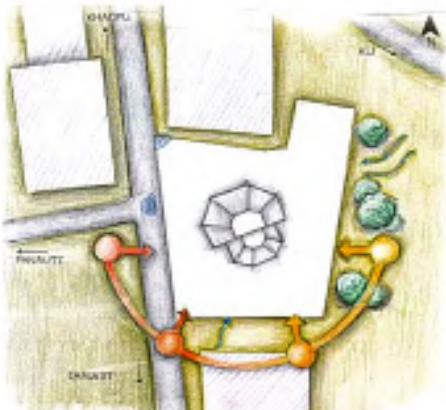
A small, confined community of 20-30 houses/ households/ tenants is chosen which interacts with each other. The community is briefly studied, observed and surveyed to determine their demands. Based on this, groups create a design to assist the community in sustaining their needs.

MASTER PLAN

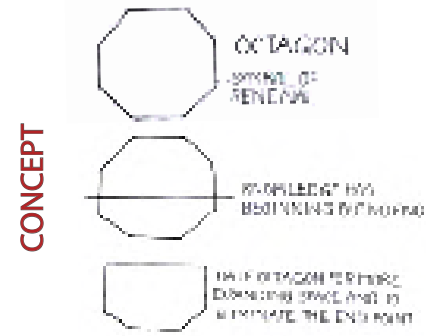


PROFILE SECTION AT A-A

SITE ANALYSIS



- MAXIMUM AVERAGE TEMPERATURE - 28°C
- MINIMUM AVERAGE TEMPERATURE - 10°C
- HOTTEST MONTH - APRIL, MAY, JUNE
- COLDEST MONTH - DEC, JAN
- MAXIMUM WIND FLOW -
- NINE TO SEVEN IN JAN TO APRIL
- MAXIMUM PRECIPITATION -
- IN JULY AROUND 70CM



KREETI WORKSHOP

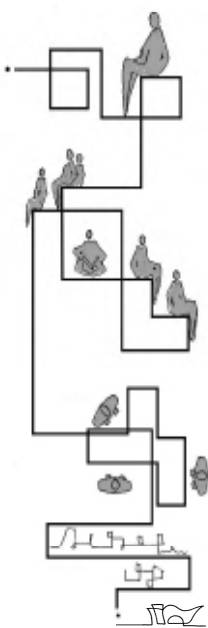


AUTHOR: SHREYA TULADHAR, JYOTIKA SHRESTHA, PUJA SILWAL, NARAYAN DHAKAL, SUJAN THAPA MAGAR

Prakash library is designated to meet the needs of the community of Shrikhandapur by redesigning the existing library. The rectangular octagonal form aims for maximum natural means of sunlight to provide a luminous environment to children. After deconstruction, alternating sides were chosen projecting inside and out.

MASTER PLAN

CONCEPT



PROFILE SECTION AT A-A

BUBBLE DIAGRAM

OM SHREE BHAJAN MANDALI

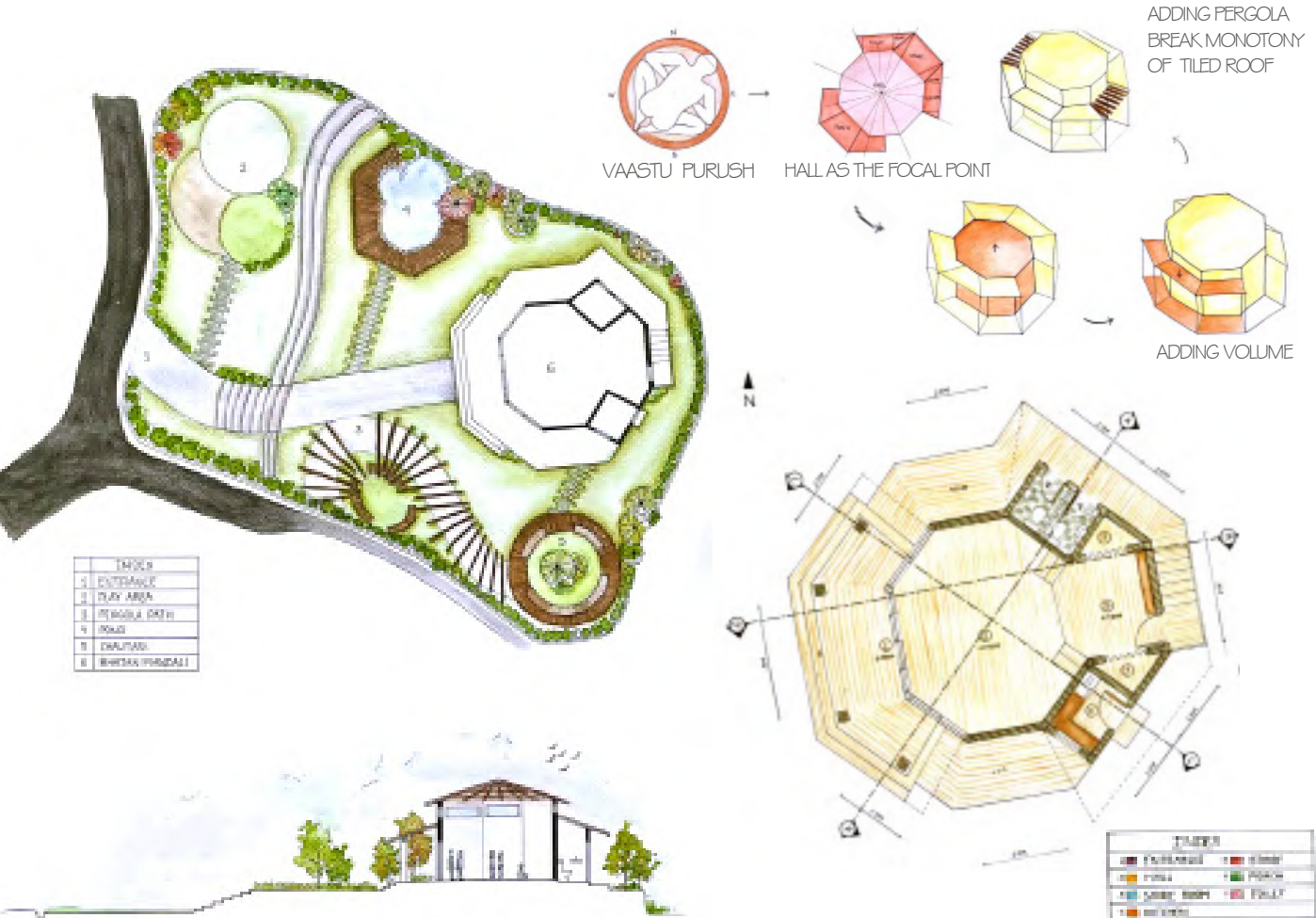


AUTHOR: SARAHANA SHRESTHA, SHRUTI SHRESTHA, SABAL SHRESTHA, SANDHYA ADHIKARI

The core idea is to provide a stage for Socialization & Releasing Stress for the elderly and a forum for social work for the younger generation. It acts as a symbol of Unity And Solidarity in the Gairi Gau Community by binding the community together. While the Bhajan Mandali is not being used for its original purpose the space acts as a multipurpose hall for the Gatherings And Yoga Sessions.

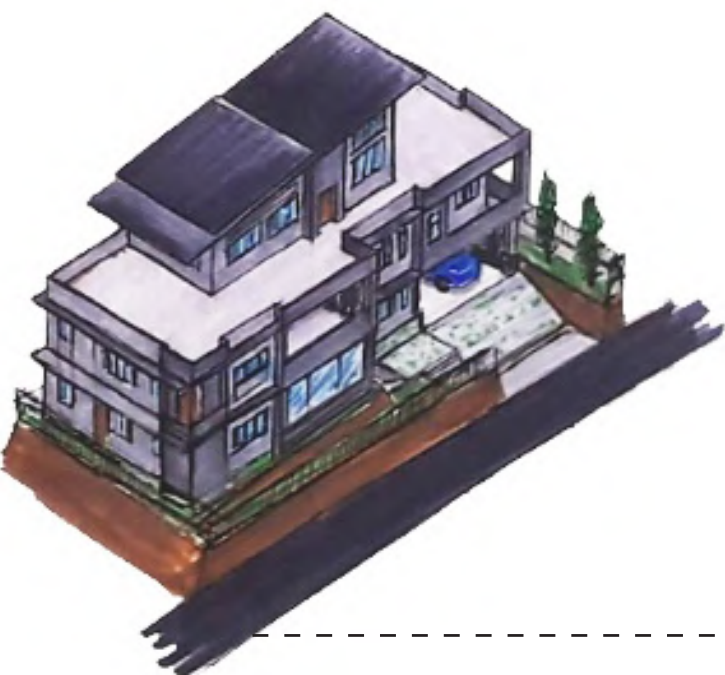
MASTER PLAN

CONCEPT



SECTION AT A-A

DETAILED PLAN



THE GREY THRESHOLD

AADITYA RAMAN SINGH

This project, inspired by the delicate balance between nature and contemporary architecture, exudes a sense of poetic harmony.

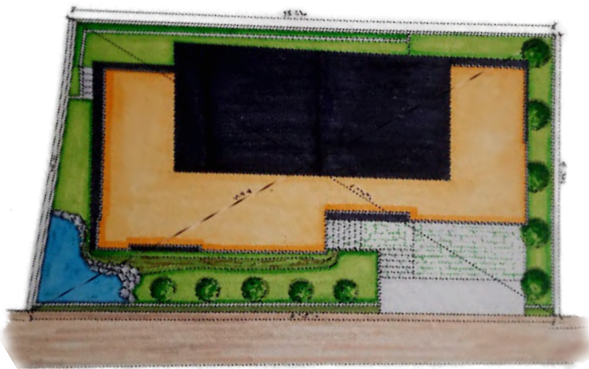
Its focus on circulation and privacy is akin to the intricate veins that nourish a plant, while the gray exposed concrete blends in with the site, yet stands out as a testament to the project's refined aesthetic.

05. RESIDENCE DESIGN, DESIGN STUDIO III

Batch:2020

A residence is a place that provides shelter, privacy, and a space to live, sleep, eat, and relax to an individual or a group of people.

The brief for this project is to design a single family residence serving three generation. The aim of this project is for the students to be able to understand the different functions and relations of different spaces of a residence and be able to execute



Master plan



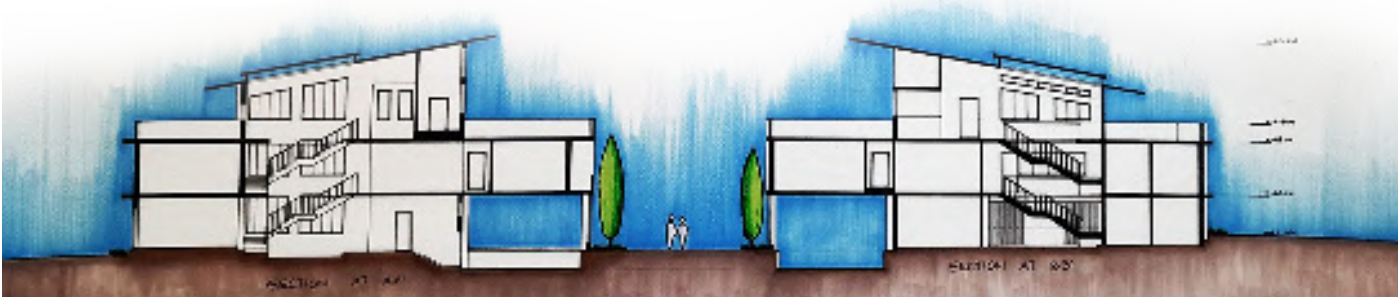
South-East elevation



North-East elevation

North-West elevation

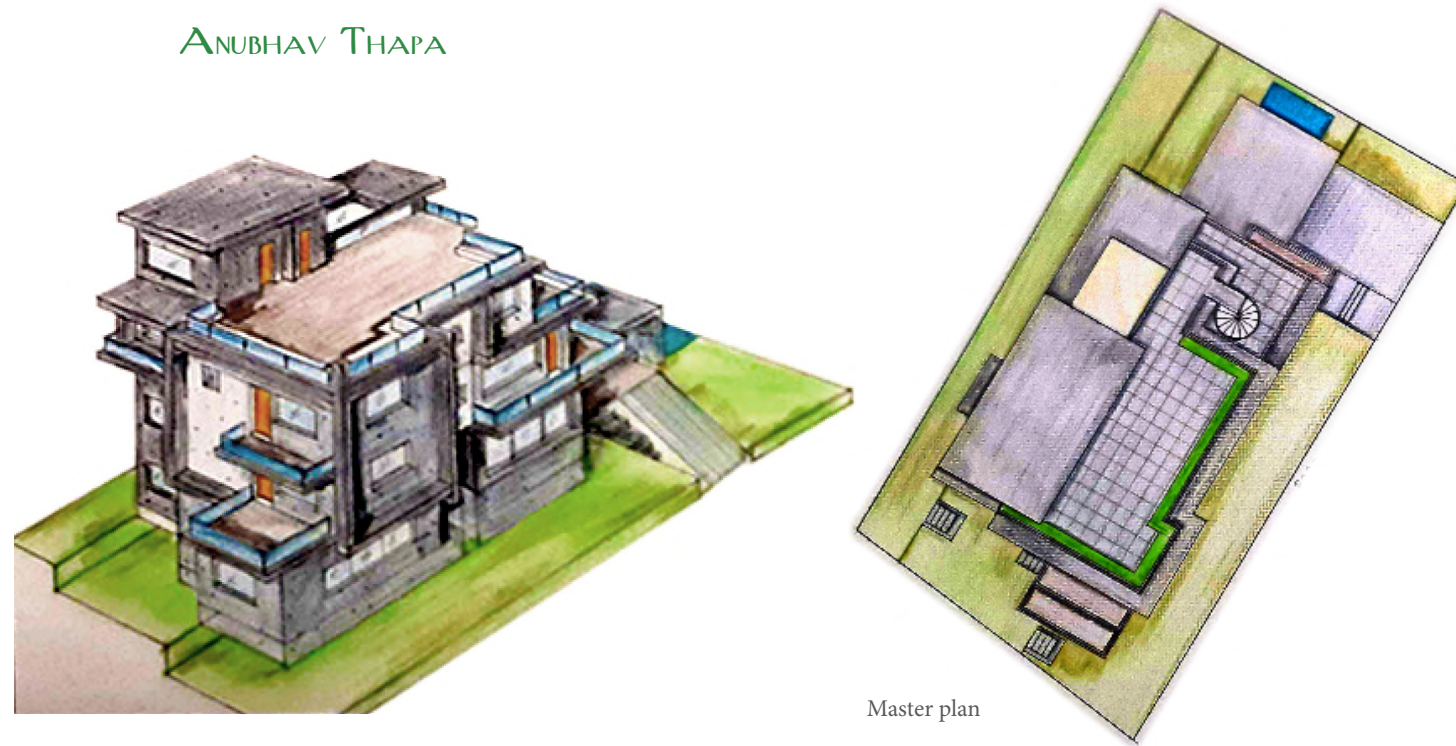
South-West elevation



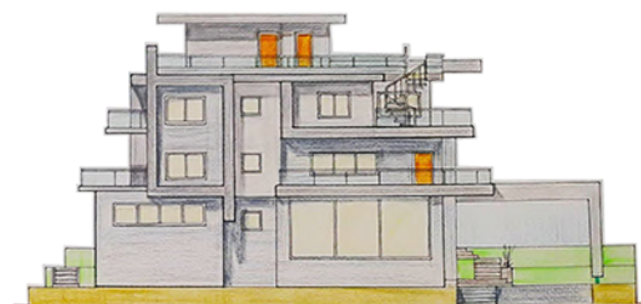
Sections

THE PERENNIAL

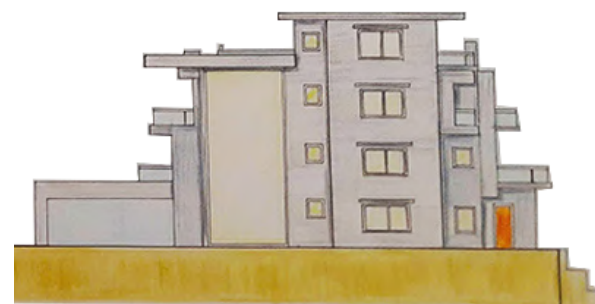
ANUBHAV THAPA



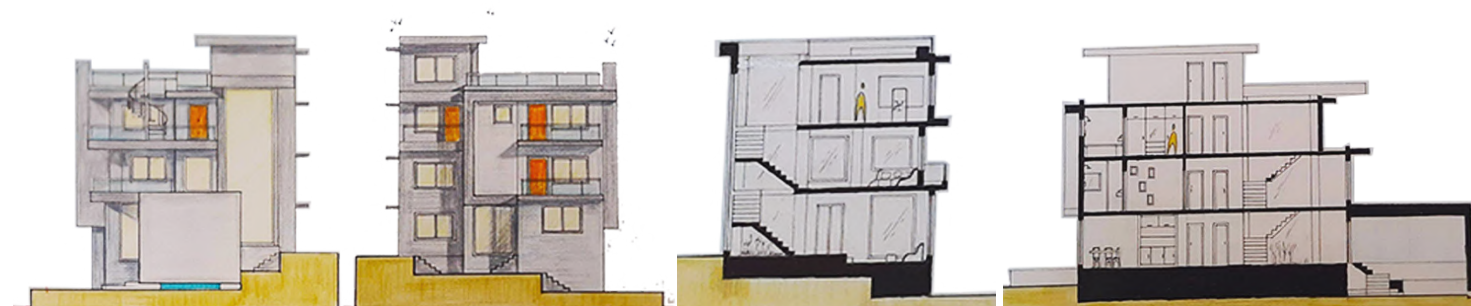
The Perennial Residence in Dhulikhel, Kavre is a stunning architectural masterpiece, featuring three exquisite bedrooms, a guest bedroom, and various luxurious amenities. It draws inspiration from the Pyramids of Egypt and boasts of historical buttresses, creating a timeless design. Its serene surroundings and tranquil water pond make it an ideal haven for three generations of a family.



South-East elevation



North-West elevation



North-East elevation

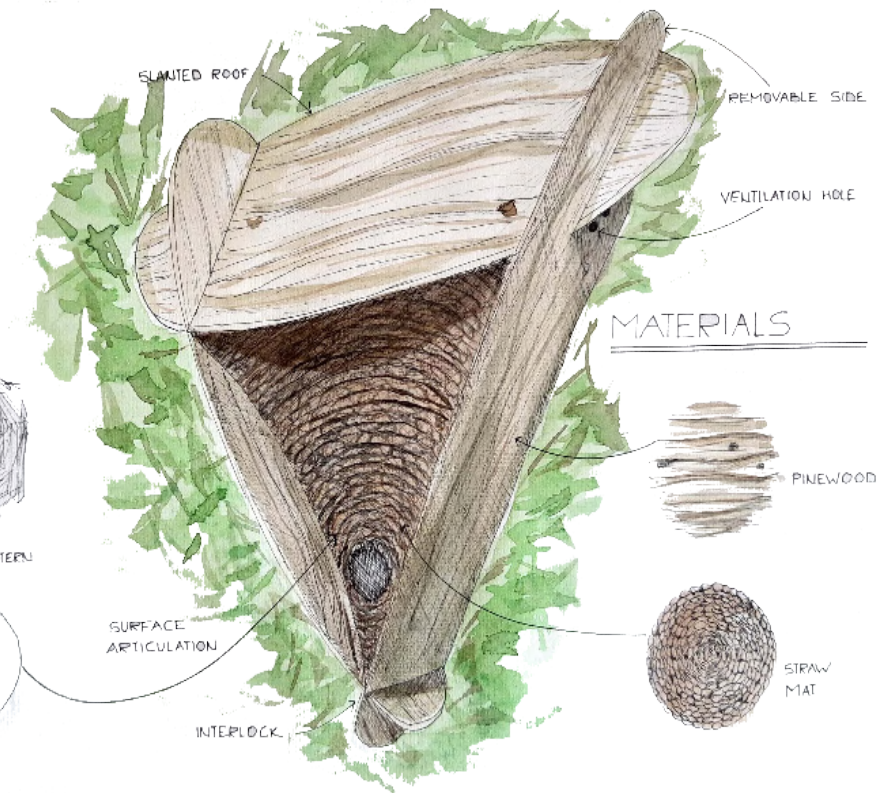
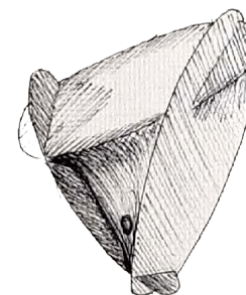
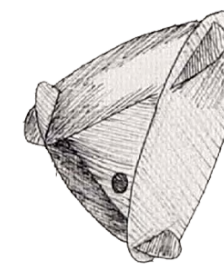
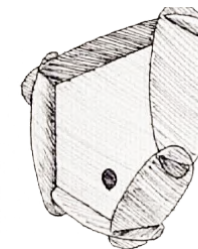
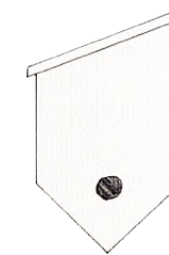
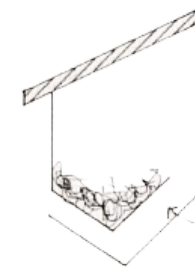
South-West elevation

Sections

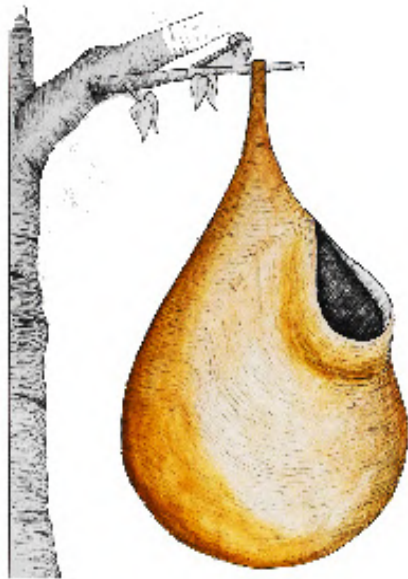
BIRD HOUSE 1

DRISHTI MANANDAR | BATCH: 2020

Emulating an actual nest, the design for a birdhouse was inspired by Jean Nouvel's National Museum of Qatar. The birdhouse's design uses natural materials that reflect their actual homes and aims to be a part of nature. Designed for sparrows, the structure consists of a tunnelled entrance which the sparrows appreciate but the predators don't. The form was also designed with a removable slab for ease of cleaning.



Birdhouse components



BIRD HOUSE 2

ANKIT SHRESTHA

After a long day we all long to return back home, so that we can rest in the warmth of its familiarity. This bird house is designed with an objective to give the bird a familiarity from its natural house.

Using Zaha Hadid's design principle, my design process aims to give the bird house a very curvy shape like a water drop with the addition of a security system, inspired from the bird's own creativity.



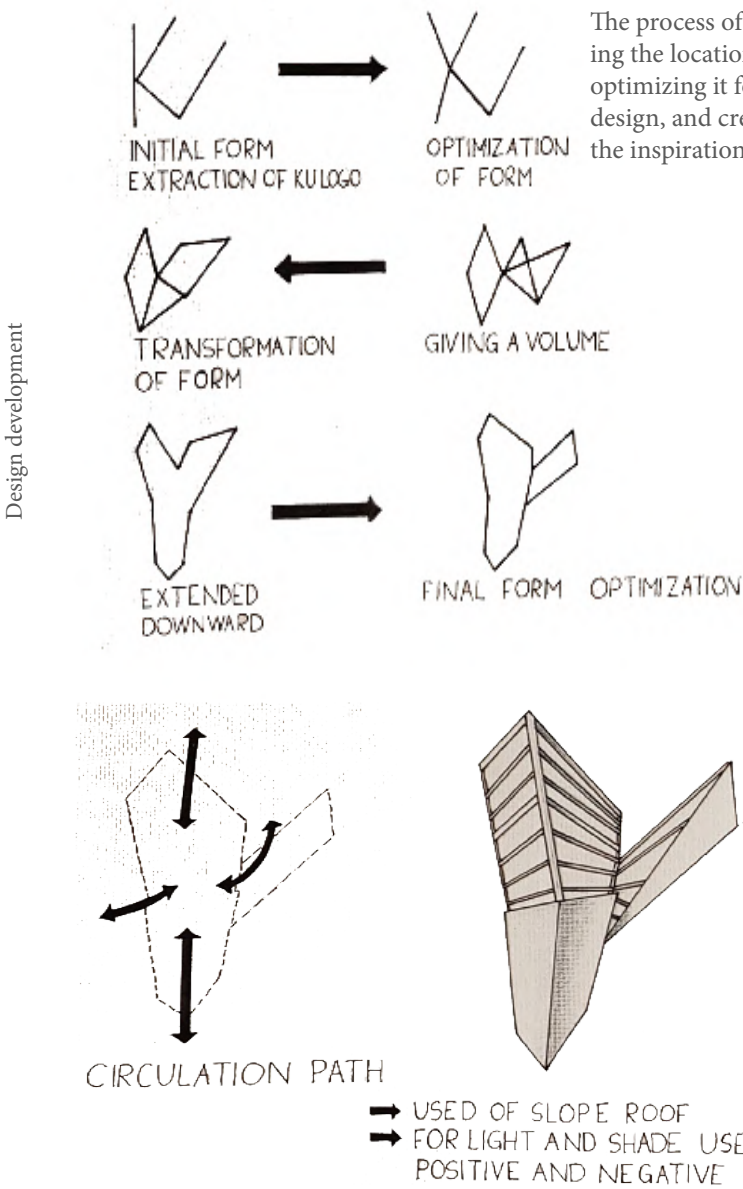
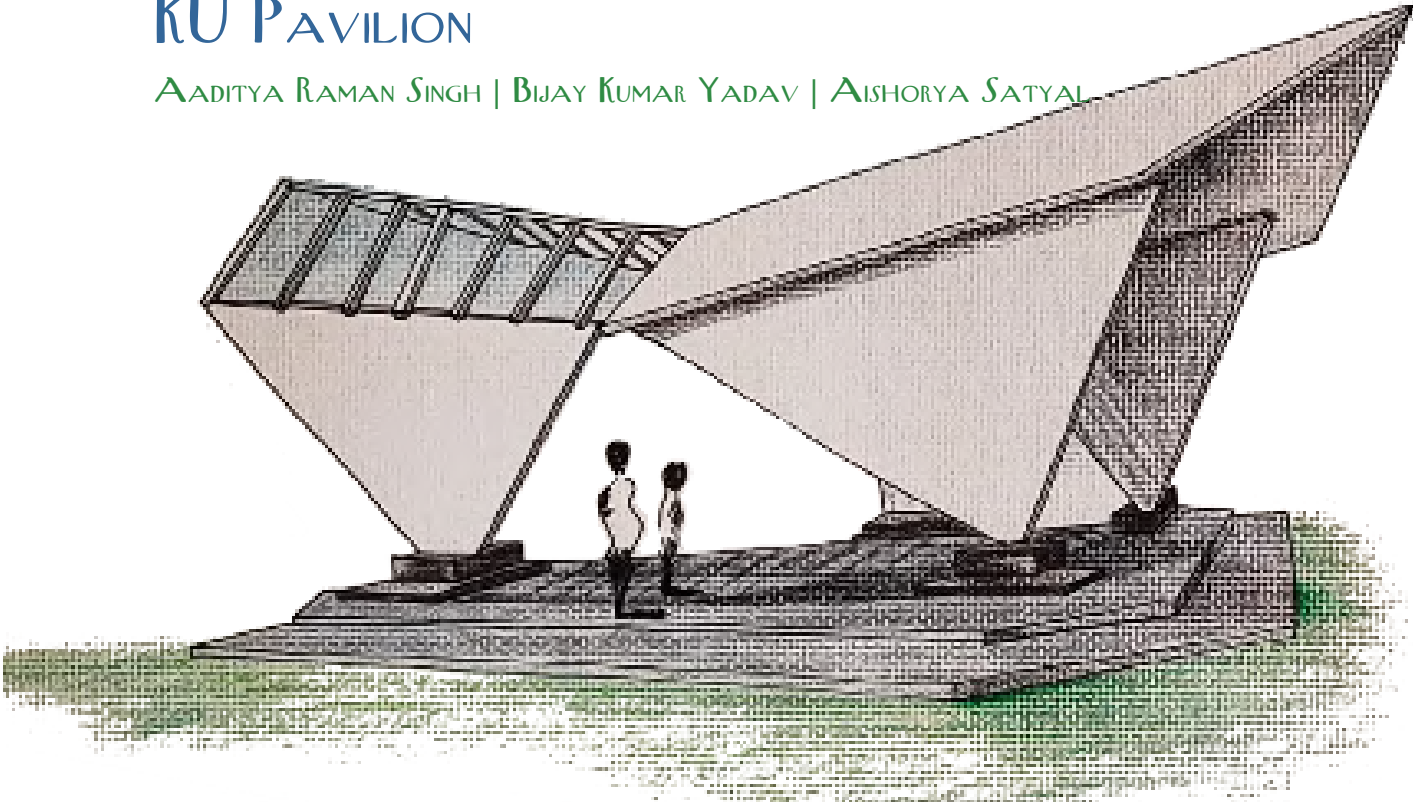
Bird features

Section

Natural defense by tricking predators

KU PAVILION

AADITYA RAMAN SINGH | BIJAY KUMAR YADAV | AISHORYA SATYAL



The process of developing a pavilion inspired by the KU logo includes researching the location, purpose and the logo for inspiration, creating an initial design, optimizing it for aesthetics and functionality, transforming it, finalizing the design, and creating detailed plans and sections. The final product incorporates the inspiration from the KU logo.

THE ARCHITECTURE FAMILY



DEPARTMENT OF CIVIL ENGINEERING, KATHMANDU UNIVERSITY



ARCHITECTURE, BATCH 2018

ARCHIVE 002

THE ARCHITECTURE FAMILY



ARCHITECTURE, BATCH 2019



ARCHITECTURE, BATCH 2020

THE ARCHITECTURE FAMILY



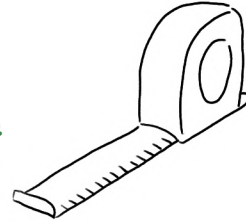
ARCHITECTURE, BATCH 2021



ARCHITECTURE, BATCH 2022

ARCHI TIPS

1. CARRY A TAPE MEASURE AT ALL TIMES:
You never know when you'll need to measure something, and makes you look like a pro!



2. Use your drafting skills to create intricate doodles: It's a great way to relieve stress during class



3. DON'T BUY INTO THE ARTISTIC GENIUS HYPE!
DO what you got to do and DO YOUR BEST at it!



4. You don't need to pull all nighters if you don't want to: No doubt there is a lot of work, but you can complete it all and also sleep if you manage time efficiently

5. REMEMBER TO LAUGH AT YOURSELF: Architecture school can be intense, but don't take yourself too seriously. Embrace the craziness and have a good time!



6. lastly, **NOTHING'S EVER FINISHED!!!**: if gaudi had more time on the Sagrada Familia, he'd design further; it's a never ending projec-