



NEWSLETTER

BHARATI VIDYAPEETH
COLLEGE OF ARCHITECTURE
NAVI MUMBAI

ISSUE 1



INDEX

EDITORS NOTE

1

ARTICLES

2

NANO NARRATIVES

5

WORKSHOPS

6

COMPETITIONS

7

NEW MATERIALS

9

CONCEPTS

10

EVENTS

11

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EDITOR'S NOTE

AKANKSHA CHOPRA

“Architecture should speak of its time and place, but yearn for timelessness.” – Frank Gehry

The relationship between space and the body is deeply ingrained in architecture, yet it is often downplayed when defining, conceptualizing, and evaluating its spatial conclusion. Spatial characteristics can serve as a stage for life to grow, but they can also limit or amplify the activities that they shelter, acting as a stimulant of the life inside and a facilitator of experiences.

On the auspicious occasion of country celebrating 75 years of independence, I feel extreme bliss to give you a peek into the ongoing activities in the following semester of B.V.C.O.A. The classes in college continued over the online platform considering the current scenarios and we all are certainly looking forward to joining back to the campus life soon. The Publication team is ecstatic to bring out this semester's edition.

Happy Reading!

Imagined truths . . . what is reality ?

Avantika Bhosale

The world is in a constant state of hustle. We are constantly chasing an imagined reality that we have set up for ourselves. It may be the chase for getting a scholarship, working for a great firm we desire or getting our dream job. Have we ever paused for a moment and thought as to why we desire these imagined realities? Maybe it's a myth or it's just our own little quest for finding the true purpose of life.

Life can be unapologetically unpredictable. A year ago, we were stressing over things which cease to matter or even exist today. The question which arises is, "Aren't these just imagined truths created by humans?" What if the purpose is to live the most simplistic life like we are doing today?

If everything was normal today, my friends and I would be on a site somewhere in Bhutan, studying the housing typologies there and documenting it on a tour that our college took us on. We'd either be laughing our hearts out over a joke or pulling a silly prank on someone, creating memories that would last a lifetime. Sadly, the closest we can get to our friends today, is through a zoom call. Today, if we reflect on and take a moment to look back on time, we will realize that we have taken so much for granted.

However, today, when life seems to have come to a standstill, we seem to be finding happiness in the smallest things that were forgotten or remained in the background otherwise. Simple things like the wind breeze that tickles the leaves, the fragrance of the mud during the first rain of the season, flowers that bloom in our garden, the birds chirping in our windows. The little things aren't overlooked now.

These extremely challenging times have unknowingly introduced us to the little joys of life. Strolling on the terrace we've never been to, enjoying a cup of hot coffee on a rainy day with your favourite novel, watering your plants, playing board games with your family and even helping your mom with daily chores are appreciated.



Artwork by Himanshu Lad

Mind these minds

Grace Sara Thomas

40 years down the line, my first order of business, when my grandchildren start going to school, will definitely be to open their social science textbooks to see what CBSE plans on teaching them about the Covid-19 Pandemic. (I say this with the hope that I'll be alive, of course).

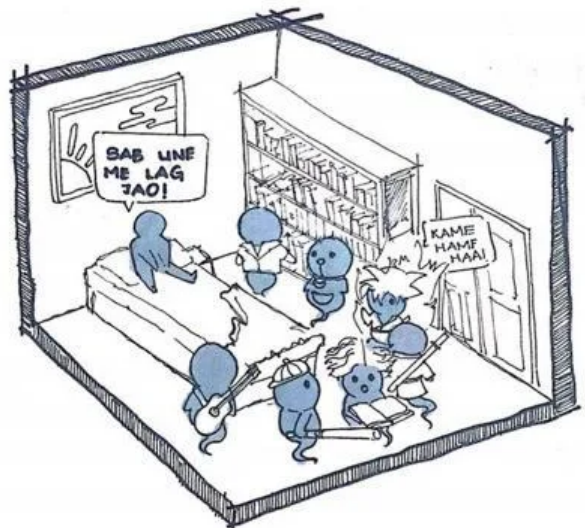
There will definitely be, **WORLD UNDER LOCKDOWN** written in bold, number of deaths, a possible cure, and whatnot, the usual facts and figures that are unsympathetic. A life altering period in our lives, so simply summarised into a paragraph, the losses of life, a simple side note in history. It will be weird, not nostalgic at all, just weird.

Our 'todays' are going to be tomorrow's history. And unlike previous epidemics and wars, we have the opportunity of telling the future what actually happened. Our lives, a major event in history, is being documented by Instagram, Youtube and wherever you decide to leave an embarrassing video of yourself.

We are the half that (barely) survived Thanos' snap and sadly there are no avengers to reverse time and warn us of what's to come. If somebody, as bored as I am at the moment, has taken the effort to write down these many words, in order to have something, just something to do, and I am not talking about making noise while standing in our balconies beating the life out of our utensils, then there are others out there, documenting bits and pieces of their lives as well.

We're all away from the world's prying, judging eyes anyway, so be something that you couldn't be. I, for example, imagined myself as an old, bearded philosopher who is way too wise to be true, while typing this.

Tomorrow, I might be Leonardo - de Vinci or de Caprio, yet to be determined, whichever spirit hits me first thing in the morning. Everybody has lost something or someone that is precious to them, but the earth is still orbiting around the sun, which is a sign that life is going to continue a bit longer at least. So get possessed, by a new ghost, by a new hobby, by new happiness, by life itself.





Yet to Know

Pranoti Shinde

Long roads to walk,
Many paths to follow,
Is life long or short,
I am yet to know.

Life is full of happiness,
Still it has some darkness,
Should I love it or live it,
I am yet to know.

The sky is infinite,
Life is definite,
Should I dream or win,
I am yet to know.

Mind is full of questions,
Brain is in search of answers,
Life is hard or easy,
I am yet to know.

Just stop thinking,
Work till your eyes are blinking,
Should we stop or start,
Are we yet to know or are we so slow?
I am yet to know.



Artwork by Dhwane Kolage

NANO NARRATIVES

1st Prize

"जहा शील पर रुधरि बीर का गरिा हुआ है उसी जगह पर गाथा हम
लखि जाएंगे
एक सूत्र में पूरा भारत लपि पुरोए जगह जगह मां का आंचल
लहराएंगे ।"

Komal Amru
IVth A

2nd Prize

सोनेरी करिणांचे पाऊल पडते द्वारी,
चोहदिशिांनी घुमती संस्कृतीची वारी,
सत्य - अहसिा धर्म ज्याचे पुजारी,
वशिवाची जननी असशी पुण्यनगरी.

Siddhi Sanas
Vth A

3rd Prize

खुद सेलइकर, खुद को हराना है, येईःवर कु छ कर ऐसा,
इस वतन के काम आना ह

Aniket Gupta
Ist B

On the occasion of the 75th Independence Day of India, the students of BVCOA expressed their patriotism through words, few, but powerful.

WORKSHOP

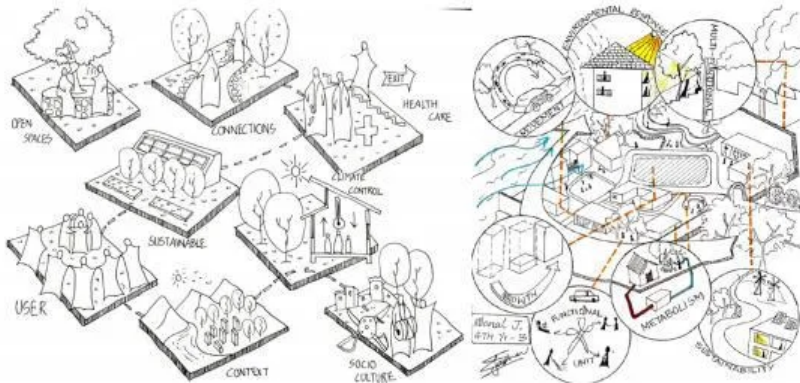
DECONSTRUCTING

Conducted by Ar. Harshada Katkar

An online workshop was conducted for the students of 4th year to help them work on their concepts for their housing project of Semester VII.

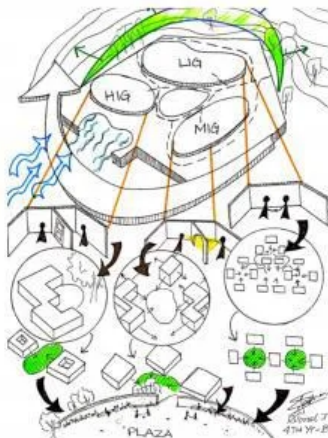
A great opportunity for the students to refine their work and make them better by learning from each other. It was a three day workshop in which the students were taught about the important parameters to consider while designing a housing project. Illustrations and sketches expected of the students to show their ideas.

DAY 1:

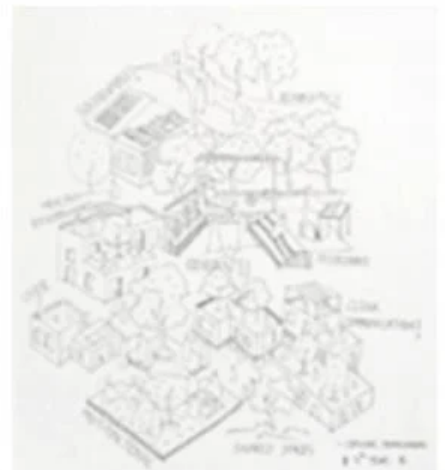


The idea of treating housing as an organism and making the students broaden their mind and think of how that could happen and how that relates. Terms such as anatomy, physiology, morphology, typology were introduced and the demonstration of how to use these ideas for treating housing as an organism was done.

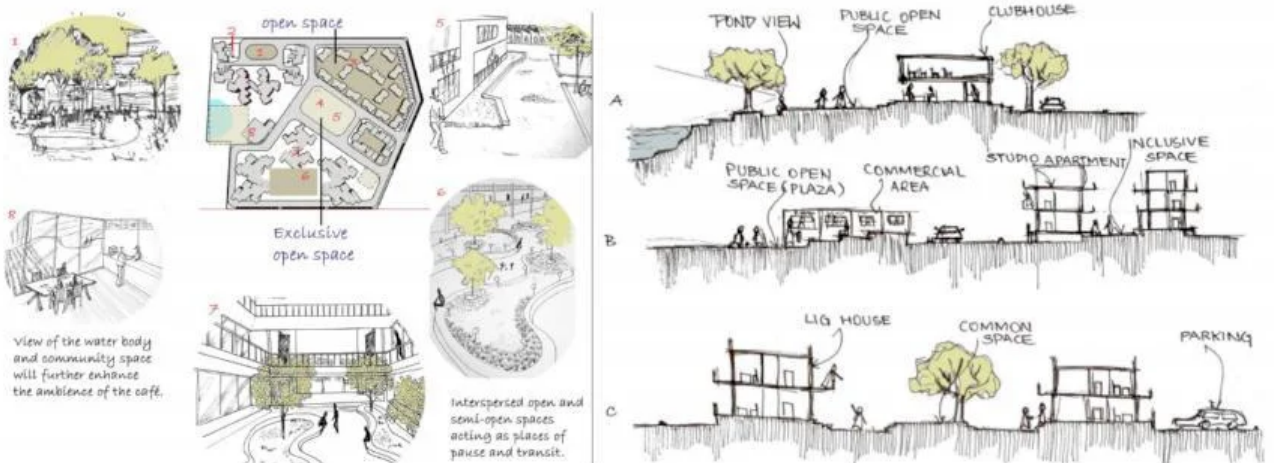
DAY 2:



How to design in a way to make the community not only live but also thrive together. To bring people of all ages and communities together. To design a resilient and holistic housing complex. Making the design not only aesthetical but also functional, by considering flexibility, legibility, adaptability, diversity and variety.



DAY 3:



Teaching the students to design open spaces, semi-open and built closed spaces considering the user, safety, and light. The way to make a design timeless is to consider the senses. And keeping ourselves in the shoes of the user.

The Extension Modules

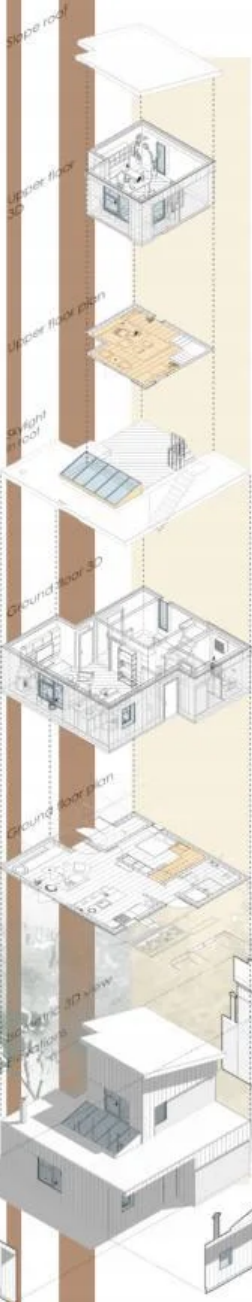
Participants:

Amitakshi Banik Abhishek Agrawal Pranaya Khade

S C E N A R I O 1



Extension Plan 1



S C E N A R I O 2



Extension Plan 2



S C E N A R I O 3



Extension Plans 3



The planning and space design of the interior is done to full its need and provide the aesthetic appeal



Module 1 Interior view



Module 2 Interior view



Module 3 Interior view

All dimension are in feet
Scale: 1: 200



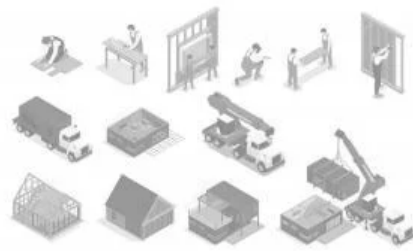
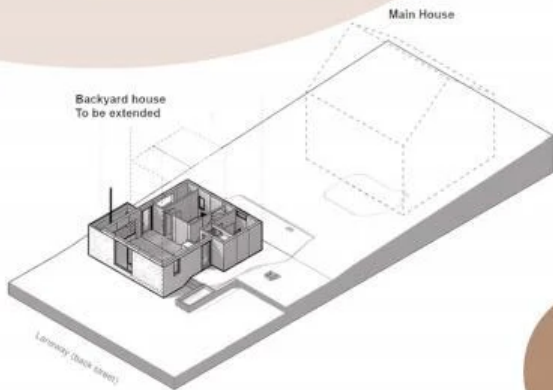
Existing Plan Vancouver, Canada

Multi-level laneway homes are the most common offering in Vancouver, largely due to their minimal footprint in the backyard. It becomes a contemporary expansion to the traditional house

The existing laneway house is home to a living room with a kitchen area and a bedroom with a bathroom. But as families grow, the need for space grows together. The three proposed spaces, welcoming and functional acts as extensions of the existing laneway house.

Construction

The truck can contain only 13' x 25' wide room sizes. Considering this, the wall panels are designed, these precast panels can be manufactured in the factory and can be easily transported from the factory to the site.



The Extension Modules

The texture of high-quality wood materials - Western Red Cedar and Douglas Fir wood provide a richness that greatly enhances the attraction of the space.

Scenario 1

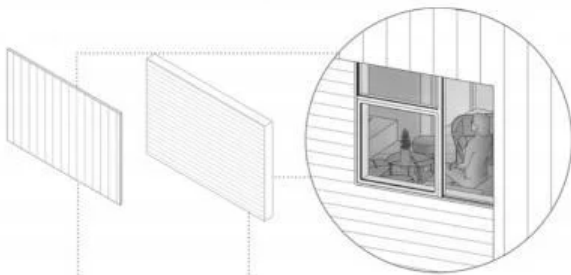
The first extension module of size 17' x 17' is placed over the bedroom area. This unit can work as an office space. the skylight provided over the living space provides beautiful views and plenty of sunlight. It is slightly sloped which helps with the Canadian weather.

Scenario 2

The second extension module of size 23' x 20' is placed over the part living area, part bedroom and over kitchen and bathroom. This extension contains an office area, a bedroom and a bathroom. Windows that follow similar patterns of the floor below provide views of the backyard.

Scenario 3

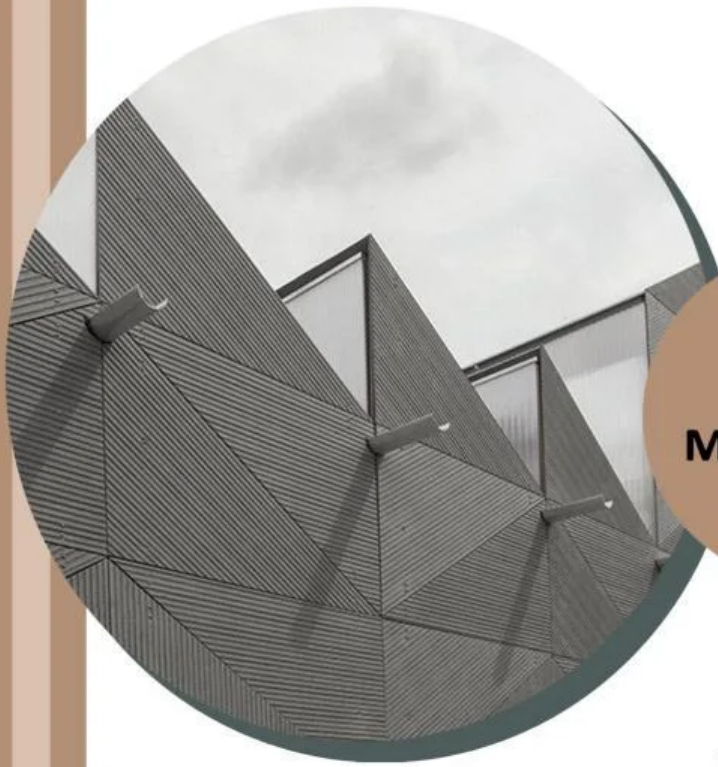
In third extension, the living room is extended from 2 sides by 4'. The upper module of size 12' x 17' is over the living area with a dog-legged staircase leading above. It can be used as a guest house or as kids bedroom room. Inside a day bed with work unit to maximize space. Windows provide views of the backyard and the laneway.



Red cedar

Douglas Fir Wood

The natural wood panels are used as the façade materials. The Douglas fir wood panels are bright and reflect light and rightly contrasts with the Western Red Cedar wood panelling. This helps in maintaining the architectural expression of the house.



NEW MATERIALS

Equitone

Equitone linea is a unique 3D shaped, through-coloured facade material that plays with light and shadow.

It displays a linear texture that highlights the raw inner texture of the core fibre cement material.

The changing angle of the daylight gives the facade material a different aspect.

The fiber cement material comes in a large panel sizes of 2500 x 1220 mm and 3050 x 1220 mm and can be cut into any size or shape in a workshop or on-site.

Application and use in Construction :

Walls, Facades



Properties :

Energy Efficiency



Advantages :

- Fire safe
- Sound insulating
- Resistant to extreme temperatures
- Water resistant
- Resistant to many living organisms
- Resistant to many chemicals
- Environmentally friendly, no harmful Gas emissions
- Strong, rigid panels

Double Twist Columns

One of the most important examples of nature's influence on the architecture can be seen at the Sagrada Familia and is one of Gaudí's main discoveries, the double twist column.

In nature, this double twist geometric shape can be found in some plant species, like the oleander (*Nerium oleander*) and the abelia (*Abelia chinensis*).

Seeking out the sun, from the space left between the leaves, the interior of the branches, twist in a helicoidal fashion to feed the leaves on each level.

If you cut off a branch, you can see two of the geometric shapes that are behind this column: the equilateral triangle and the hexagon. The latter is created by twisting an equilateral triangle, according to the laws of the double twist column.



Applicaton :

This is exactly the design Gaudí used to improve the support of the inclined columns on the narthex of the Passion façade, which have very wide bases to help support and better transfer the inclined forces down to the foundations.

Guru Purnima celebration 23rd July

The guru Purnima event marked the day of tradition dedicated to all Gurus, who evolve or enlighten the students with their wisdom. The event included performances, fun activities and games dedicated to all the teachers.

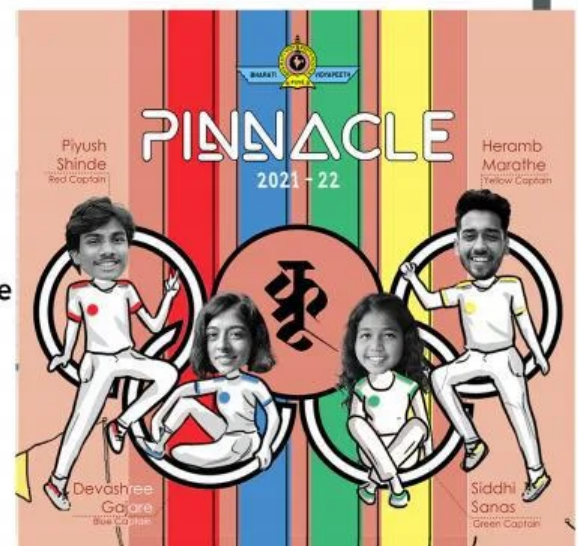


Council reveal: 18th August

The council for the academic year 2021-22 was revealed with great fervour, unrivalled enthusiasm, and words of encouragement by the faculty.

Pinnacle reveal: 18th August

The pinnacle is back after a year-long hiatus, pinnacle heads and sub-heads, along with the long-awaited team reveals were done.



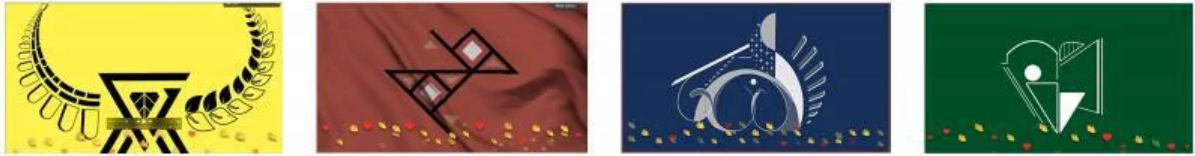
Freshers week: 26th August – 02nd September

The first year was welcomed with a week-long series of events, commencing the fresher's 2021. The festivities ended with a cosplay fiesta, highlighting the students' creative enthusiasm.

Pinnacle events:

-Flag and logo reveal: 3rd September

Pinnacle 2021 kicked off with the very first event, the flag and logo reveal. Each respective team revealed their creative flags and logos, with their energetic mottos.



- Open mic: 3rd September

The series of events started unfolding with the live open mic, where all the teams showcased multifaceted talents ranging from narratives, storytelling, poetry, and music. The closing of the event involved the crew's participation and the declaration of results.



- Chess tournament: 9th September

The first sport event of the pinnacle was held- the chess tournament. The event saw fresh and even more energetic participation from the students.

- Ganesh Chaturthi, Bappa vlogs: 24th September

Celebrating the Ganesh Chaturthi, with a series of vlogs encouraged the participants to capture the joy and bliss that an auspicious festival brings in.

- Teacher's day celebration : 6th September

The teacher's day celebration marked another day of paying gratitude towards the teachers with heart-warming messages by the students, some more games and cheerful performances.





Independence Day celebrations at BVCOA, commemorating 75 years of Independence