MICRO HOUSING

Architecture Competition

10,000 USD

Total Prize

Impact.
Design Competitions

Register at **impactcompetitions.net**

Introduction

"HOME" is a space that is intimate to all living beings on the planet. It has a broader, deeper and personal connection with its user apart from being a physical shelter for humans and their daily lives.

Today, across the globe, we are experiencing a rise in densely populated urban areas, along with a lack of land resources to provide sufficient housing for the masses. Migration patterns towards the urban areas for better employment opportunities, a higher standard of living and educational opportunities result in the rise of population in the urban areas. This gradual rise in population has created an overall housing shortage which can trigger the risk of homelessness, and unorganized development such as slums as well. To make things worse, the impact of COVID-19 coupled with environmental and financial concerns has further aggravated the housing crisis.

This phenomenon has given rise to a new movement of Micro-Housing; one that commands the idea of simple but inventive living in today's urban scenario. The concept of these revolutionary homes encourages making the innovation of maximum functional area in a minimum footprint, thus redefining the perception of sustainability in urban dwellings.

With the idea of Micro-Housing, designers are now coming up with various, inventive solutions to solve the persistent issue of 'space crunch' in cities to provide the imperative requirement of respectable housing to as many people as possible.

"Housing is absolutely essential to human flourishing. Without stable shelter, it all falls apart."
-Matthew Desmond (American Sociologist)

What is Micro Housing?

A micro apartment ideally consists of a sleeping space, a common sit-out space, a kitchenette, a bathroom and storage that is designed to camouflage with the space. Space saving furniture such as beds that can be lifted back into the wall, multifunctional furniture or extremely small or hidden appliances are key elements that support a micro apartment. There are times when residents may have complete access to a full kitchen, living room, housekeeping facilities and a garden.

The concept of micro-homes is catching on in major cities that are facing a serious space crunch. The notion here is to accommodate more units on a lesser floor space and at an affordable price point. Clustered developments such as these are found in dense core neighbourhoods or next to a major transit route.

Opportunity

People today are concerned and are exploring opportunities with the aspiration to improve their standard of living and have more freedom in the realm of urban housing.

This has led them to follow modest and efficient ways of living. With advancements in technology and smart living concepts, the world is looking at innovative design ideas to create residential spaces that offer suburban serenity and urban energy. There is hope that globally we can move forward towards the concept of Community-driven Micro-Housing. The goal here is to make cities and human settlements inclusive, safe, resilient, and sustainable.

The users looking for residences today know the value of space and want sustainable, safe, and functional homes. We now have a golden opportunity to bring innovative, unconventional design concepts for creating resourceful spaces complete with the personal touch of homeliness to the otherwise conservative world of residential architecture

We invite designers around the world, belonging to various factions, to create inventive, experimental architectural solutions which would surprise today's housing market and call for a sense of living based on community spirit. Arranged in self-contained, integrated communities, the residential units would be representative of innovation and creativity in the modularity of spaces.

"Public housing is more than just a place to live, public housing programs should provide, opportunities to their residents and their families."
-Carolyn McCarthy (American Politician and Nurse)

Register at **impactcompetitions.net**

Challenge

The participants are to design a prototype of a micro-housing unit that reflects the personal needs and culture of the residential community chosen. A suitable aggregation of these micro-housing units should be done in an urban context.

A total of 100 users should be considered for the design. Participants are to choose a site relevant to the topic, in the urban context.

The design has to serve as an upgrade to the standard of living of the users. While being very functional, it should also be aesthetically appealing.

The built-up area of each residential unit should not exceed 350 sq. ft. and should house up to 4 individuals. The unit should be a prototype, making the optimum use of space, and it needs to be explained in detail.

The designed units should cater to personal needs (rest, bath, cook, and work) and community requirements (interact). As per their discretion, the participants are free to add more spaces required in their designs.

The design of the micro-housing residential complex should also provide solutions for circulation such as staircases, passages, etc.

Site

The participants are to design a prototype of a micro-housing unit that reflects the personal and communal needs residential community chosen. A suitable aggregation of these micro-housing units should be done in an urban context. A total of 100 users should be considered for the design.

Calendar

12th January 2022 24th March 2022	**Early Bird Registration**
25th March 2022 29th April 2022	**Regular Registration**
30th April 2022 13th May 2022	**Late Registration**
17th May 2022	**Queries Deadline**
20th May 2022	**Submission Deadline**
21st July 2022	**Announcement of Winners**

Registration Fees

$ 85 USD
$ 100 USD
$ 125 USD

18% Tax for Early bird, Regular and Late Registration

Prizes

$ 10,000 USD
Total Prize Money

$ 5000 USD	$ 2500 USD	$ 1500 USD
First prize	**Second Prize**	**Third Prize**

$ 500 USD	$ 500 USD
01 Special Mention	**02 Special Mention**

+

10 Honourabale Mention

Publication

All the awarded design proposals would be published on various international architecture publications and impact competitions blog.

Certificates

All the awarded proposals would be receiving a special certificate as well as the participants would be receiving a participation certificate.

Registration Process

- The competition registration is a complete online process, and the steps are as follows:

- Participants have to visit **https:// impactcompetitions.net** and sign up and register their team.

- After signing up participant would be receiving an activation code on the respective email. Use the code for verification. If you don't find the code in your inbox, do check the spam folder.

- Participants have to fill in the required details of each member of the team in the registration form.

- After successful registration, complete the payment of using our payment gateways.

- Once the payment is successful, participants would be receiving a Unique Identification Number(UIC) on their email. The Team UIC document can also be downloaded from the dashboard.

Note :
Incase of an individual registration, one only has to fill in the required details for the team leader.

It is requested the participants complete the registration process before the deadlines.

Judging Criteria

Impact Competitions selects a renowned and established Architects as the Jury Panel. The Jury will reward design proposals with the highest degree of creativity based on the following criteria.

▶ **Concept:**
The participants have to design an innovative housing module and complex and make them exceptional, as compared to the conventional housing buildings today.

▶ **Site Selection**
The participants are to select a site in an Urban Context for their design. The entries will be evaluated based on the site justification given.

▶ **Spatial Design**:
The entries will be judged based on creativity displayed in the spatial design and configuration of spaces.

▶ **Modularity:**
The efficiency and functionality of a single housing module and same with respect to the entire community complex.

Submission Process

Dashboard Process

- To initiate the submission process participants must login into their impact competitions account.

- Participants must upload an A1 sheet (i.e. (841 x 594 mm)/ (33.1 x 23.4 inches) on their account dashboard in the submission section.

- The participants must submit their files in JPEG format upto 150 dpi resolutions.

- The name of file should be the respective Unique Identification Code of the team.

- After successfully uploading the file, the participants will receive a confirmation on the dashboard and email.

Email

- The participants are also requested to email their design proposal sheets to **submitmicrohousing2022@gmail.com**
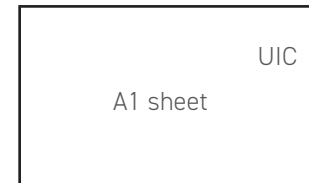
  Note :
  It is requested the participants complete the submission process before the deadline.

Content on Sheet

- Building sections, floor plans, elevations, 3 dimensional views, isometric and axonometric views, etc.The participants are free to choose their presentation style which best suits their proposal.

- Concept, idea and text supporting the design.

- Images and Illustration supporting the ideas and design proposal

- Graphical scale and other requires units to understand the feasibility of the project. .

Submission Format and Content

- The design proposal sheet must have the Unique Identitfication Code marked on the top right corner.

```
                          UIC
      A1 sheet
```

- All text must be in English with not more than 200 words for project explanation with readable size font.

- The sheet must not include any information displayed that may give away Participants' identity. i.e Name, School, Firm etc.

- Any other form of submission will not be accepted.

FAQ

Q: How does a team receive their team unique code?

A: All the participants will only receive the team unique code on completion of registration process.

Q: Where all do the participants need to use their team unique code?

A: All the participants would be using their team code on the top right corner of their sheets, as the name of their submission and wherever requested by the organizer. This code will be their only identification for the process related with this competition.

Q: What is the limit or cap on the number of team members and can anyone participate individually?

A: A team can have up to three members and cannot exceed this number. The participants who desire to participate individually can do so by filling and submitting the details for the team leader.

Q: Can I change team members after I register?

A: Teams are welcome to add any new members as long as their total members do not exceed 3. However they are prohibited from swapping or removing any existing member of the team. To do this please send your requests to questions@impactcompetitions.net with the details of the new team member requested by the organizer with the team unique code.

Q: What is the nature of the competition and is it open for all?

A: The Micro Housing Competition 2022 is an open ideas design competition with no intentions to execute the proposals submitted in any form. The competition is open to all and students and professionals from all walks can join the competition.

Q: What are the modes of submissions?

A: The participants are requested to submit their work in JPEG file format in 150 DPI resolutions.

Q: What should be the submission file size?

A: The file size should not exceed more than 5MB.

Q: What would the size of the sheet be?

A: The participants are required to use an A1 sheet i.e. (841 x 594 mm)/ (33.1 x 23.4 inches). The sheets must be composed in Landscape orientation, with the Unique Team Code on the top right corner.

Q: What should the participants do in case the payments are not available in our country?

A: We request the participants to send us the queries on questions@impact-competitions.net to get an alternate payment method. We would send you all the possible payment methods.

Q: Will participants receive certificates for participation in the competition?

A: Yes all the participants would receive certificates for participation.

For more queries vist the **FAQ** page on the website or send us an email at **questions@impactcompetitions.net**
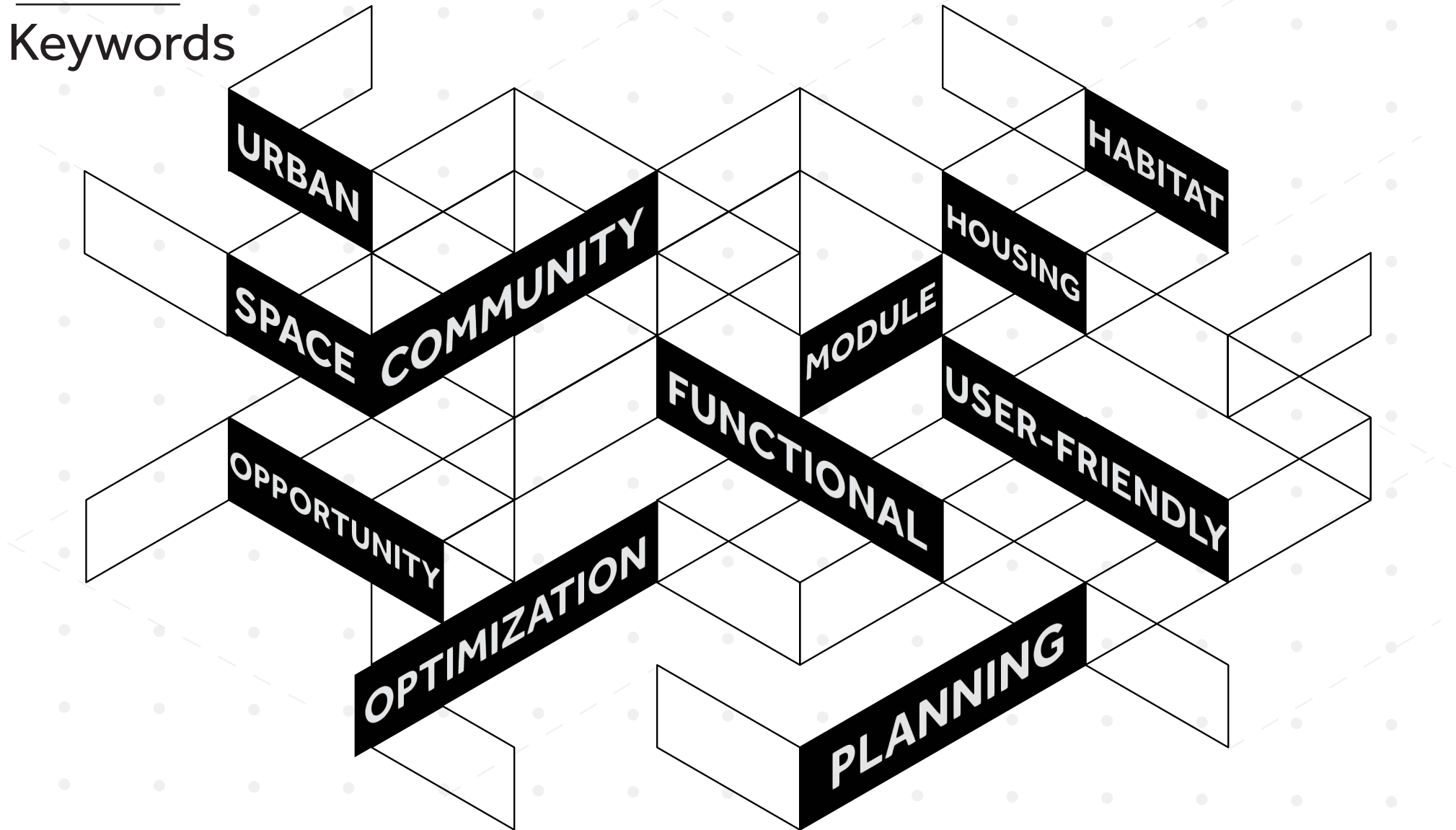
Rules

- The submission deadline is **11:59 PM IST 12th May 2021**. Submissions sent after this deadline will not be considered.

- The participants must respect the deadlines

- The participants must adhere to all the rules regarding to the registration and submission process.

- The minimum age for participation is 18 years.

- Participants can be Architects, Interior Designers, Students and Freelancers, Designers, etc. It is not mandatory the participants and teams to be from an Architecture background.

- One registration will only allow to submit one design proposal.

- By paying additional registration fees, one can submit more than one design proposal.

- Participants are not allowed to contact the Jury in any form. Such action will result into a direct disqualification.

- The Jury's decision would be final and incontestable

- Participants who have a personal or professional relation with the Jury are not allowed to participate.

- Participants are not allowed to publish or disclose their project anywhere before the final winners are announced.

- By registration in the competition the participants fully agree with the competitions terms and conditions.

- The organisers hold a complete right to change the dates of the competitions for improvements or modifications. The participants in such case would be informed via email or other media channels

- English must be the language of communication on the design proposal. Any other language will not be accepted will result into the disqualification of the team.

- Particpants will be held accountable for the data they provide to the organisers. It is the participants responsibilty to provide the true data while the registration process.

- Participants should be accountable for the work they submit and it not infringe any third party intellectual rights.

- The orgniser has the right to verify the identity of the participants and may ask for further identification proof.

- The announcement of the results for the competition is as per the calendar, any further changes will be notified to the participants via email

- After the announcement of the winners the organisers will request for the identification proof of the winner for processing the Prize Money.

Ideation Sheet
Keywords

URBAN

HABITAT

COMMUNITY

HOUSING

SPACE

MODULE

OPPORTUNITY

FUNCTIONAL

USER-FRIENDLY

OPTIMIZATION

PLANNING

"The ultimate goal of the architect…is to create a paradise. Every house, every product of architecture… should be a fruit of our endeavour to build an earthly paradise for people."
-Alvaro Aalto (Finnish Architect)

Design for a
better Future

Scan the QR Code
to **Register**

Impact.
Design
Competitions