

SKYRISE 2022

architecture competition



JURY PANEL:

Zaha Hadid Architects **MVRDV**
KPF OMA Aedas

Register at impactcompetitions.net



CON- TENT

01

Introduction
What is Skyscraper?
Opportunity
Challenge
Program
Site

02

Calendar
Registration Fees
Prize & Publications

03

Registration Process
Jury & Judging Criteria
Submission Process
Faqs
Rules & Regulations

04

About Impact

05

Ideation Sheet





Introduction

Since the beginning of time Humans have been fascinated with gravity-defying megastructures that have dominated the skies leaving a mark for civilizations to come. The era between 1880 and 1890 sparked a revolutionary idea that would eventually go on to influence the architectural marvels we see today. From the Burj Khalifa to the Empire State building, skyscrapers have been rightly viewed as a strategy to engineer more sustainable cities by emphasizing on compact urban spaces.

These Skyscrapers or High-rise buildings play an increasingly significant role in contemporary and urban architecture. With a rise in the population density majorly existing in city centers, there is an increasing demand for high-rise buildings. In addition to this, the concentration of opportunities in urban areas has made vertical growth imperative and inevitable.

The need for more room for more workers, or in the residential frame, more residents is the primary focus in the current day scenario. With the dynamic development in engineering today there are endless avenues opened to revisit and revise height limits around the world so as to maximize space for both commercial and residential growth.

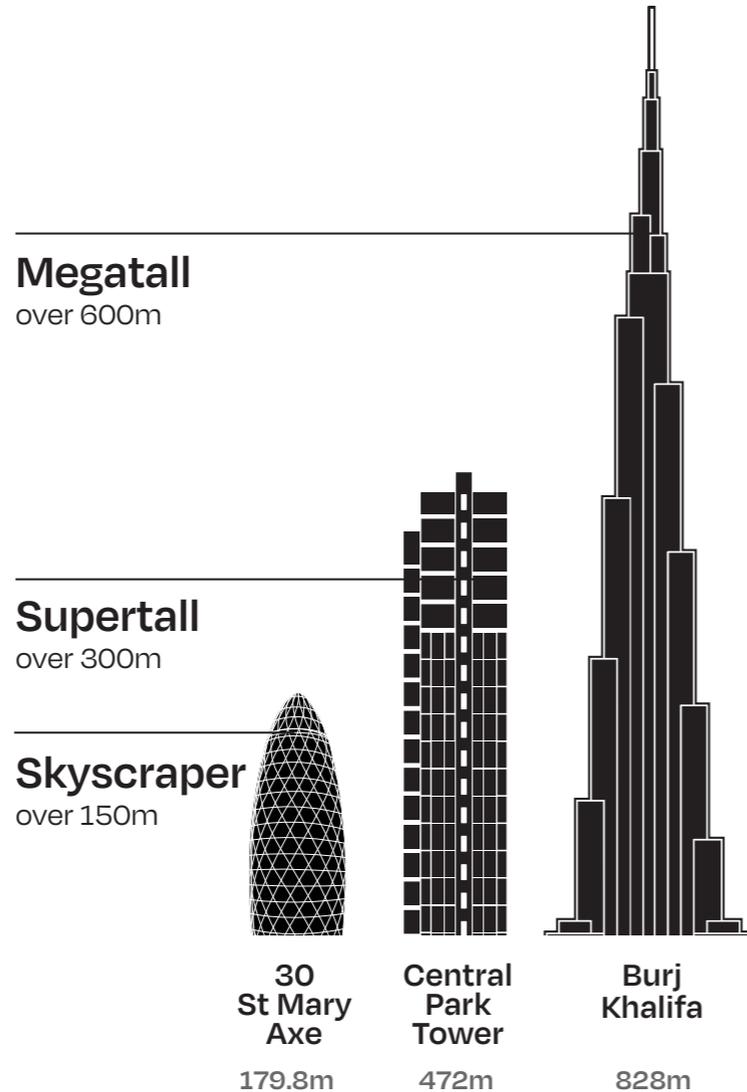
From the Moon to Mars, humankind has always aimed higher and is in constant pursuit of testing the limits of urban theory. Having said this, we have had architects throughout history who have explored multiple possibilities to transform structures into aesthetical masterpieces that'll eventually serve as a landmark in the city it's housed.

“We often think of skyscrapers when we think of cities because modern cities are defined by skyscrapers.”

-Leonard Joseph



What is a Skyscraper?



The term "skyscraper" is often used when describing structures that are notable for their extreme height. To qualify as a "skyscraper", a structure must be self-supporting and not require tension cables or supports in order to remain standing.

A building must rise to a minimum height of 150 meters, which is widely accepted as the height at which a building is to be considered a skyscraper.

While this used to be an exclusive club, there are now countless buildings around the world that fall into the skyscraper definition, and as engineering and construction techniques have continued to develop, humankind has pushed the limits of a building at height.

To distinguish these remarkable structures from other skyscrapers, the Council on Tall Buildings and Urban Habitat (CTBUH) has created two additional categories: Supertall and Megatall.



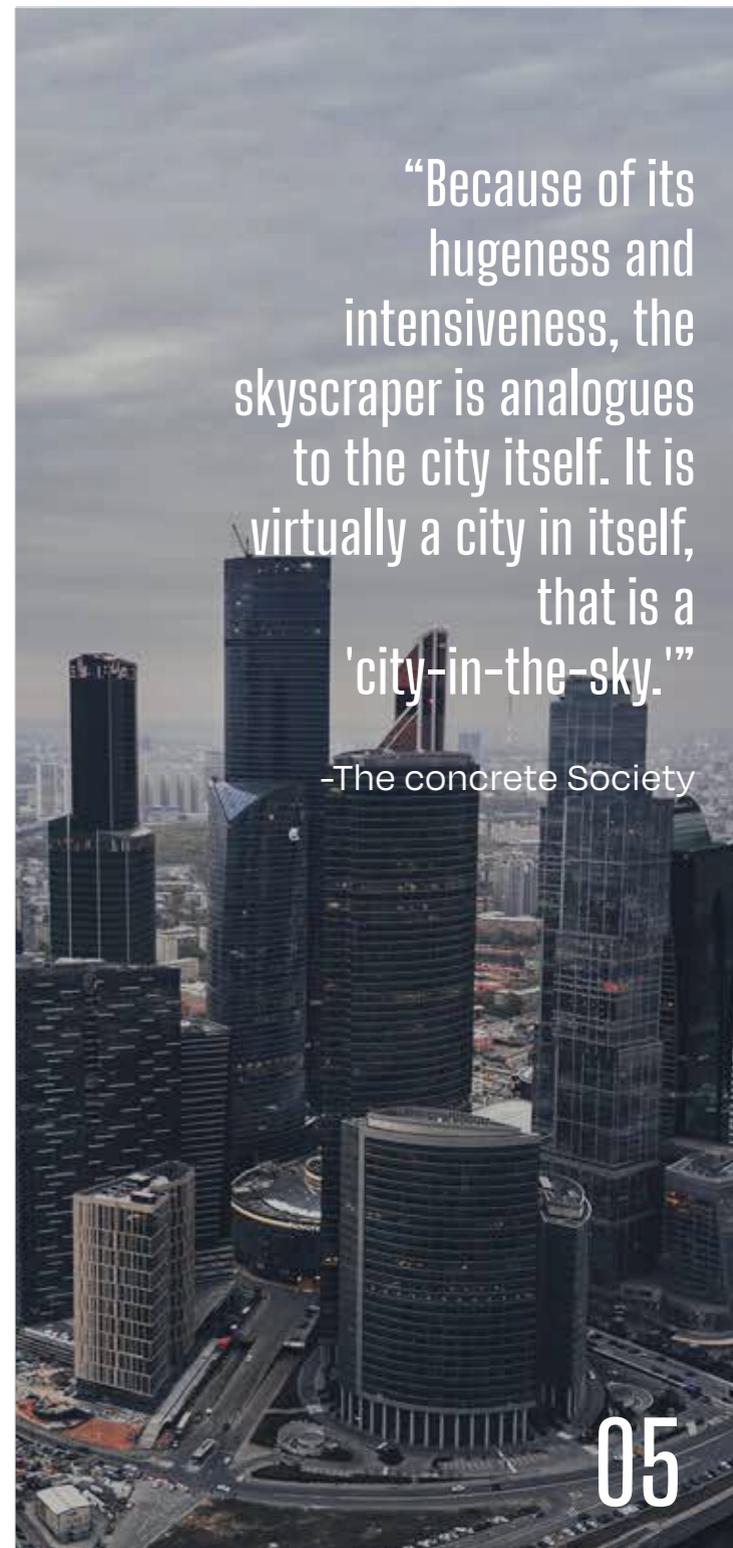
Opportunity

The role of a modern-day skyscraper has been layered with multiple functions for its users along with the implementation of new innovative technologies to make the building safer, increase energy efficiency, greener, and at the same time with them take on new and exciting forms.

With this, we have been presented the opportunity today to reinvent the skyscrapers in relation to their context, community, and urban fabric.

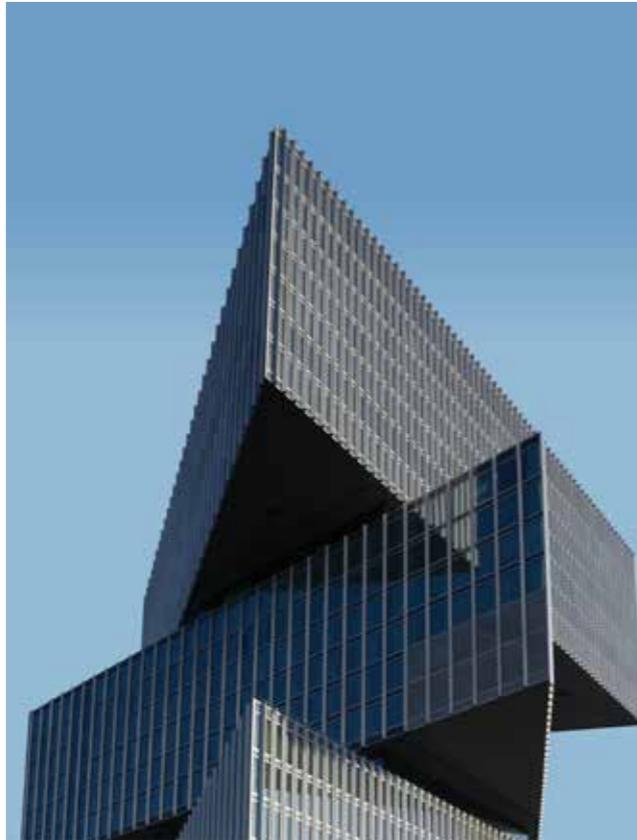
The new age skyscrapers have a much wider role to play while taking optimum advantage of the vertical expansion, reducing urban sprawl, and thereby allowing better preservation of natural areas.

These are not just business places but residential and community spaces, where people have access to the central areas and services of the cities. This reduces transport and infrastructure as well as contributes to overall economic development.



“Because of its hugeness and intensiveness, the skyscraper is analogous to the city itself. It is virtually a city in itself, that is a 'city-in-the-sky.'”

-The concrete Society



Challenge

IMPACT Competitions invite participants to design an innovative and iconic skyscraper structure that has the impact of establishing itself as a landmark in its surroundings.

Participants are to design a skyscraper building on a plot area of **12,000 sq. mt**, with **no limitation to height**. Participants are encouraged to explore new technologies and building materials that can be incorporated into their designs. The proposed designs should exhibit unique aesthetics and a well-planned spatial organization. The participants are to consider, how the design will impact its context, as well as the overall **spatial planning for the users, environment, and urban sprawl**.

Participants are to implement innovative building systems and methods for sustainability in their designs to create an extraordinary architectural masterpiece that is not just bold in form but also contributes to a green future.

The site can be located in any part of the world. The existing skyline and surrounding context are key elements that are to be taken into consideration while designing.

Participants are **free to set the program for the building**. The skyscraper proposed must add value to the city in which it stands. With the notion to enhance the comfort of the individuals occupying the structure, participants can justify their designs concerning the surrounding infrastructure, socio-economic development, etc.

The skyscraper should develop a relationship with its surrounding in a manner that not only benefits the community but the entire city as well.

Program

Register at [impactcompetitions.net](https://www.impactcompetitions.net)



- ▲ Participants are free to select a program for the design of the skyscraper, with no height restrictions. The participants must justify the programs as per the need concerning the context of the site.

- ▲ The building must have functions that are habitable floor spaces.

- ▲ Apart from the main function that the participants have selected for the skyscraper (Residential/Commercial/Mixed-use/etc), the participants can add parking spaces, basement, circulations, service areas, and other ancillary spaces as per the requirements of the building.

- ▲ They are free to add any additional spaces that may be relevant to the design.



Site

Participants can select a site **located anywhere across the world**. The total plot area of the selected site must not exceed **12000 sq. mt.**

The site selected should influence the design of the skyscraper. One must be able to relate to the built form **concerning the surrounding context and the skyline.**

“There's a kind of beauty to a skyscraper.”

-Lisa Joy



Calendar

20th May 2022	Early Bird Registration
26th August 2022	
27th August 2022	Regular Registration
29th September 2022	
30th September 2022	Late Registration
14th October 2022	
12th October 2022	Queries Deadline
19th October 2022	Submission Deadline
15th December 2022	Announcement of Winners

Registration Fees

Student

Professional

\$ 70 USD	\$ 80 USD
\$ 85 USD	\$ 95 USD
\$ 100 USD	\$ 110 USD

18% Tax for Early bird, Regular and Late Registration

Prizes

\$ 10,000 USD Total Prize Money		
\$ 5000 USD First prize	\$ 2500 USD Second Prize	\$ 1500 USD Third Prize
\$ 500 USD 01 Special Mention	\$ 500 USD 01 Best Student award	+ 10 Honourable 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.

JURY PANEL:



Chris Lepine

Director

Zaha Hadid Architects

With experience in large-scale international projects and the use of advanced digital technology to resolve complex design challenges. Chris is currently the project director of 1000 Museum, a residential tower in Miami, USA.



Gideon Maasland

Director

MVRDV

With extensive experience acquired over a 15-year career at several high profile Dutch offices, Maasland leads MVRDV's Studio 8, which is responsible for large-scale, complex buildings.



Elina Cardet

Director

Perkins&Will

Architecture is a thoughtful balance of artistic poetry and applied science. Equally comfortable resolving the technical details of a project or imagining an innovative new approach to a design problem, her work is characterized by a timeless sense of modernity.



Elie Gamburg

Director

KPF

Elie has 20 years of experience creating innovative designs for cities, institutions, companies, and developers. Across a wide range of project types around the world, Elie's work is consistently sensitive to a human scale, an urban context, and sustainable practices.

JURY PANEL:



Mariana Cabugueira CS

Head and Lead of Design



Architect and Urban Designer from Portugal, she worked 5 years as a Senior Architectural Designer at Zaha Hadid Architects and is currently working as the Head and Lead of Design for the metaverse company Wilder World.



Rubén Urcola Peláez

Senior Associate



With experience working in different countries and offices has allowed him to see the Architecture from different points of view. His Master Degree in Architecture gave him a strong background in all facets of building design. Enhanced skills in Design during professional experience in Spain and the UAE.



Carol Patterson

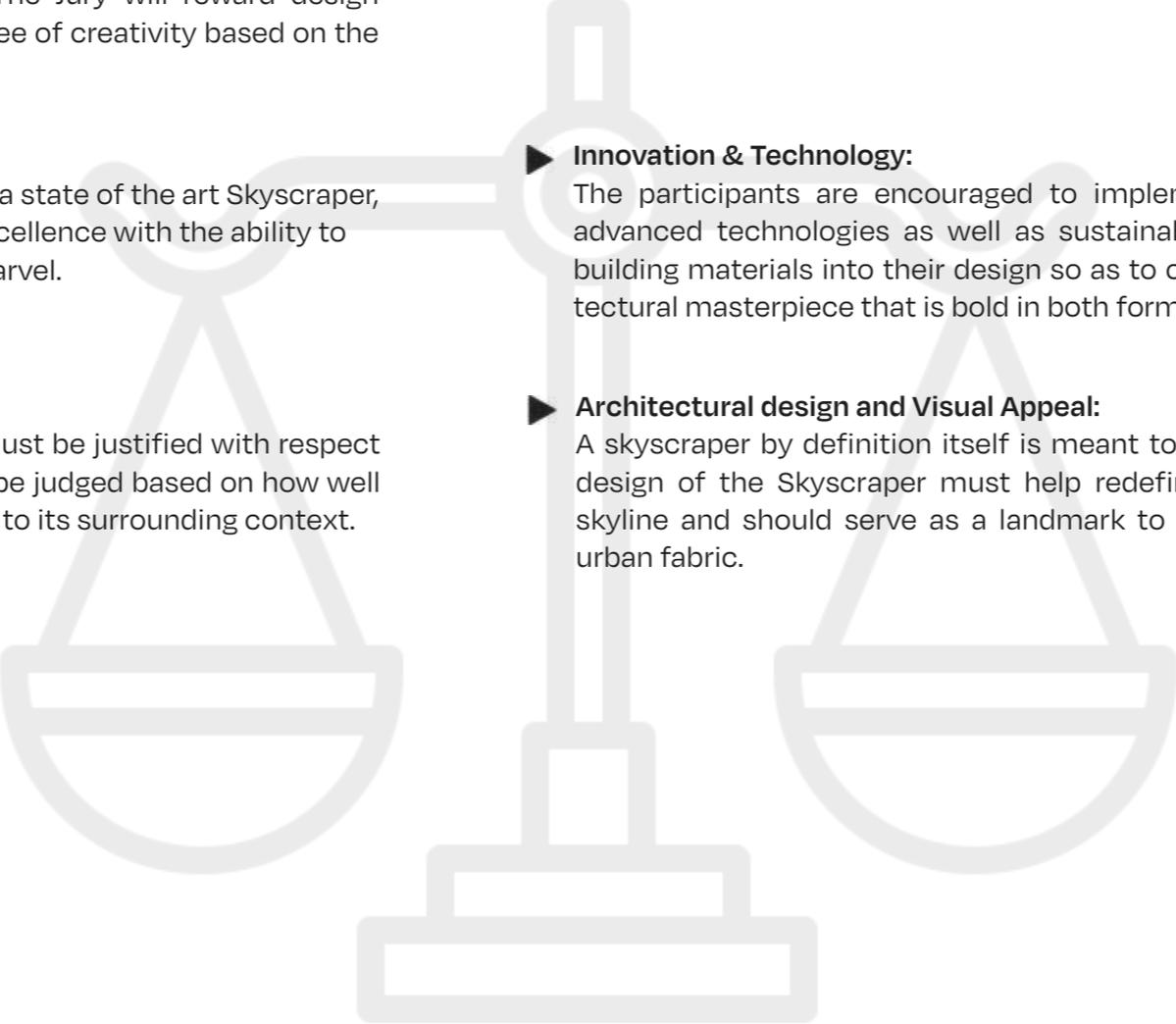
Director



Carol Patterson is the director for OMA in the UK. During her nearly 20 years at OMA and preceding 10 years as a New York architect, she's managed the complexity of historical preservation, political turf wars, and challenging logistics under budget and deadline pressure.

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 a state of the art Skyscraper, which is a pinnacle of design excellence with the ability to stand out as an architectural marvel.
 - ▶ **Site Selection:**
The design of the Skyscraper must be justified with respect to the site context. Entries will be judged based on how well the design proposed adds value to its surrounding context.
 - ▶ **Innovation & Technology:**
The participants are encouraged to implement new and advanced technologies as well as sustainable yet diverse building materials into their design so as to create an architectural masterpiece that is bold in both form and function.
 - ▶ **Architectural design and Visual Appeal:**
A skyscraper by definition itself is meant to stand out. The design of the Skyscraper must help redefine the existing skyline and should serve as a landmark to its surrounding urban fabric.

Registration Process

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



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



- 2 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.



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



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



- 5 Once the payment is successful, participants would be receiving a Unique Identification code (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.

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

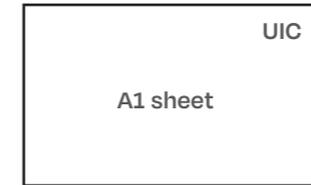
- The participants are also requested to email their design proposal sheets to **submitskyrise2022@gmail.com**

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 required units to understand the feasibility of the project.

Submission Format and Content

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



- 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.

Note : It is requested the participants complete the submission process before the deadline.

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: What should be the submission file size?

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

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: Will participants receive certificates for participation in the competition?

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

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 are the modes of submissions?

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

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

A: The SkyRise Architecture 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: 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 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@impactcompetitions.net to get an alternate payment method. We would send you all the possible payment methods.

Rules

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

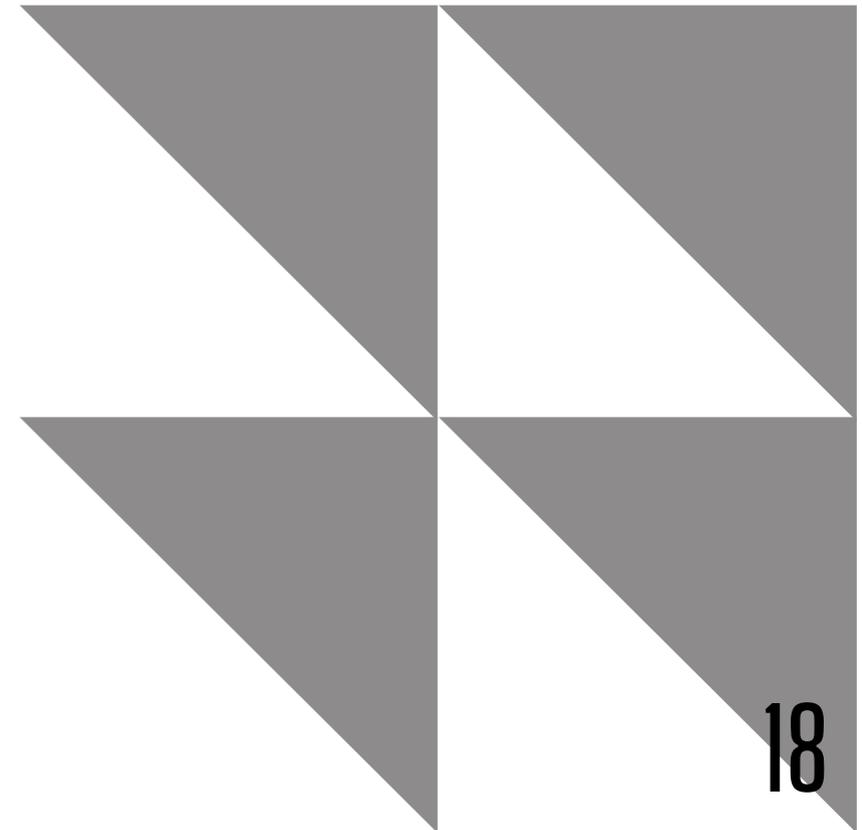
- The submission deadline is 11:59 PM IST 19th October 2022. Submissions sent after this deadline will not be considered.
- The participants must respect the deadlines
- The participants must adhere to all the rules regarding to the registration and submission process.
- The minimum age for participation is 18 years.
- Participants can be Architects, Interior Designers, Students and Freelancers, Designers, etc. It is not mandatory that the participant and teams belong to an Architectural background.
- 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
- 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.
- One registration will only allow to submit one design proposal.
- 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.
- Participants will be held accountable for the data they provide to the organisers. It is the participants responsibility to provide the true data while the registration process.
- Participants should be accountable for the work they submit and it should 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.

About Impact Competitions

Impact Competitions is a leading International Architecture Competition platform for all those young architects and innovative thinkers who wish to carve out a niche for themselves in the field of architectural design.

The competition aims at addressing some of the most relevant concerns that the world faces today by generating design based solutions.

Architecture holds the gift to impact the future of humanity. Impact believes that Architects and designers possess the ability to resolve complex problems through a simplified approach leading to an exhilarating human experience. Impact aims to serve as a platform that'll help foster young innovative minds and encourage them to widen their creativity whilst still promoting architectural excellence.



Ideation Sheet

Keywords

Register at [impactcompetitions.net](https://www.impactcompetitions.net)

RESPONSIVENESS

MASTERPIECE

SPACE UTILIZATION

FUNCTION

AESTHETICS

DESIGN

LANDMARK

SKYSCRAPER

SCALE

HUMAN EXPERIENCE



Design For A Better Future

Register at impactcompetitions.net

f facebook.com/impactcompetitions/

@ [@impactcompetitions.net](https://instagram.com/impactcompetitions.net)

in linkedin.com/company/impactcompetition

Click here to visit the competition page:
impactcompetitions.net