ARCHITECTURE COMPETITION

SKYHIVE SKYSCRAPER CHALLENEGE

COMPETITION CONDITIONS

OFFICIAL PARTNERS:

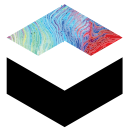
MANIPAL UNIVERSITY
DUBAI CAMPUS

manipalexecutive education

Bee Breeders Architecture Competition Organisers,
in partnership with
Manipal Executive Education,
have prepared this document for the
SKYHIVE SKYSCRAPER CHALLENGE
architecture competition.

Full Competition Terms & Conditions:
skyhive.beebreeders.com/terms

Architecture Competition Organisers
hello@beebreeders.com
beebreeders.com



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INTRODUCTION

The SKYHIVE Skyscraper Challenge is looking to create an iconic high rise structure for an office tower with state-of-the-art facilities. Working in partnership with Manipal Executive Education (MEE), winning entries will be showcased in their Global Tall Building Studio Design workshop in Dubai, where architecture students and in industry leaders collaborate to conceptualise the future of high-rise structures.

GLOBAL TALL BUILDING STUDIO DESIGN WORKSHOP

Manipal University Dubai School of Design & Architecture is the host of the annual Global Tall Building Studio, a five-day workshop held on their campuses in Dubai, UAE. Manipal Executive Education (MEE) conducts this workshop as way to engage students and encourage them to create innovative designs for high rise structures. Students receive guidance of international consultants from the region who are experts in this subject area.

The location for the workshop is ideal, with Dubai being home of the tallest man-made building on Earth, the Burj Khalifa. The city has a total of 911 completed high-rises, 88 of which stand taller than 180 metres, and 18 of which surpass the 300 metre mark. The Global Tall Building Studio acts as a platform for the world's future architects to expand their creative thinking, and conceptualise the iconic and revolutionary skyscrapers of tomorrow.

Watch a Video on the Global Tall Building Studio here
https://www.youtube.com/watch?v=6FT6_wFntNc

The SKYHIVE Skyscraper Challenge winning team receive free registration to the Global Tall Building Studio to be held in March 2018. All other participants would be eligible to get a 25% discount on the registration fees of the Global Tall Building Studio 2018.

Global Tall Building Studio Design Workshop registration fees:

- Standard Fee: US $900 (for Late registrations, till FEB15 2018)
- Early Bird Fee (before NOV15 2017) - US $800
- **Special fee for SKYHIVE Skyscraper Challenge participants*** – US $595 (33% discount on the listed fee and 25% discount on the early bird fee).

* *The participants have to quote their SKYHIVE Skyscraper Challenge UIC (unique identification code) which will be verified by Bee Breeders, making them eligible for the special discount.*

Dubai's tall building skyline;
Image courtesy of https://duranvirginia.wordpress.com/

The world's tallest building, the Burj Khalifa, above the fog; Image courtesy of http://www.dailymail.co.uk/

THE COMPETITION

SKYHIVE SKYSCRAPER CHALLENGE

Participants in the SKYHIVE architecture competition are asked to redefine skyscraper design through the implementation of novel technologies, materials, programs, aesthetics, and spatial organizations. Submitted projects should also look to studies on globalization, flexibility, adaptability, and the digital revolution. The SKYHIVE architecture competition should be treated as a platform that examines the relationship between the skyscraper and the natural world, the skyscraper and the community, and the skyscraper and the city.

Participants are encouraged to explore the latest innovations in technologies in sustainable systems and methods for solving economic, social and cultural problems, through the establishment of new urban and architectural methods. They will need to consider the scarcity of natural resources, as well as the strain on the existing infrastructure, and the exponential increase of inhabitants, pollution, economic division, and unplanned urban sprawl.

The SKYHIVE is an open architecture ideas competition, and as such participants have complete freedom to interpret the brief in the most creative way possible. This competition is looking for projects that have the potential to rewrite the definition of the modern-day skyscraper.

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SUGGESTED BUILDING PROGRAMME

Participants are suggested to accommodate the following functions, with the main function being an office tower:

Retail Component	Ground & mezzanine floor, preferable with separate entrance	15,000 sq.m
Grand Lobby Entrance for Offices		
Food & Beverages Outlet	In form of a food court, designed to have access to visitors as well as offices	5,000 sq.m
Office Spaces	Area excluding circulation	60,000 sq.m
Executive Offices	Area excluding circulation	10,000 sq.m
Designer's proposed function	Area excluding circulation	20,000 sq.m
Ancillary facilities like business centre, small size auditorium, spa/health club	Area excluding circulation	10,000 sq.m
Basement	Parking (1 Car Park every 50 sq.m. + 1 Car Park for 75 sq.m. area of food and bevarages outlet + 1 Car Park for 60 sq.m.of retail area	
Podium Parking	If necessary	

The BUILDING PROGRAMME is flexible, open for modifications and improved development strategies.

THE COMPETITION SITE

The participants are permitted to choose a **hypothetical site (130m x 80m)** accessed by roads on two sides both longer and shorter side of the site. The site can be located in a city of their choice and should follow the local municipal rules and regulations. The site's context and surroundings are to be assumed.

- Maximum allowed site density 100%.
- There is no maximum building height defined.
- There is no minimum distance requirement from the road or neighbouring buildings. Participants may place their building/s at the edge of the site boundary if they find it beneficial to their design proposal.
- There are no restrictions for underground construction.

PRIZES

3 winning proposals and 6 honourable mentions will be selected. Bee Breeders will award a total of US $6,000 in prize money to competition winners as follows:

Prize money
US $6,000

1st Prize
US $3,000

2nd Prize
US $1,500

3rd Prize
US $500

BB Student Award
US $500

BB Green Award
US $500

+ 6 HONOURABLE MENTIONS

More information about the special awards at SKYHIVE.BEEBREEDERS.COM

PUBLICATIONS:

The winners will get international art and design media coverage and will be featured on the Bee Breeders website.

A full list of media partners who have committed to present the competition winners in their publications can be found at SKYHIVE.BEEBREEDERS.COM

CERTIFICATES:

Bee Breeders will acknowledge the outstanding performance of all winners and honourable mentions with Certificates of Achievement.

MANIPAL UNIVERSITY
DUBAI CAMPUS

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GLOBAL TALL BUILDING STUDIO - DESIGN WORKSHOP

The winning team will have the chance to join the Global Tall Building Studio Design workshop in Dubai in Spring 2018 as a participant for free*. In addition, the winning team gets a FREE guided tour of the Burj Khalifa, sponsored by the School of Design & Architecture at Manipal University, Dubai and Manipal Executive Education"

* *All expenses like airfare, accommodation, visa if any will have to be borne by the participants.*

COMPETITION SCHEDULE

Early Bird Registration
MAY 11 - JUNE 21

Advance Registration
JUNE 22 - SEPTEMBER 13

Last Minute Registration
SEPTEMBER 14 - NOVEMBER 29

Closing date for registration
NOVEMBER 29, 2017

Closing date for submission
DECEMBER 20, 2017 (11:59 pm GMT)

Announcement of the winners
JANUARY 17, 2018

REGISTRATION FEES

	Architects, designers, enthusiasts and companies	Students*
Early Bird Registration	**US $90**	**US $70**
Advance Registration	**US $120**	**US $100**
Last Minute Registration	**US $140**	**US $120**

* See requirements here:
beebreeders.com/competition-registration-types

SUBMISSION REQUIREMENTS

- Participants are required to upload four (4) A2 landscape-orientated presentation boards (must not exceed 5mb per jpg) with sketches, renderings, plans, sections, elevations, diagrams, and/or other presentation tools to explain their proposal.
- No video files are accepted.
- All information provided in writing must be in English.
- All submissions must be uploaded via the beebreeders.com upload panel. Access information and instructions on how to upload the presentation panel will be issued to participants via email immediately after successful registration.
- Presentation boards must not indicate any information related to individual's/team's identity.

Participants who do not comply with the requirements will be disqualified without refund.

RECOMMENDED SUBMISSION CONTENT

- Concept designs, which highlight that all aspects of the design are of the highest quality and keep with the design brief and the proposed site.
- The main points of proposed plans and sections and multiple internal and external perspectives demonstrate the spatial quality of the building, as well as operational needs and accessibility requirements.
- Demonstration of project feasibility in regards to environment, climate conditions, lifecycle, and responsible use of materials.
- Visualizations; artist impressions to illustrate how the proposal fits in with the quality, value, and significance of the proposed context.

PRESENTATION DELIVERABLES SET

- Urban plan; (suggested scale 1:500 or 1:1000)
- Street elevations; (suggested scale 1:50)
- Primary sections; (suggested scale 1:50)
- Primary floor plans; (suggested scale 1:50)
- Enlarged sections and elevations highlighting key spaces or relationships; (suggested scale 1:10)
- Details: (suggested scale 1:5)
    - Envelope
    - Key materials
    - Site or landscape
- Axonometrics providing information on building systems or illustrating key architectural concepts;
- Diagrams:
    - Circulation
    - Public versus private space
    - Lighting
    - Landscaping
    - Transportation
    - Energy systems
    - Cityscapes/urban relationships
- Perspectives:
    - Primary interior spaces
    - Primary site locations

Please note the PRESENTATION DELIVERABLES SET listed above is a suggestion only. Participants can choose to use the entire list, a selection from it, or propose a completely different set that would explain their design in the most efficient manner.

JURY & EVALUATION PROCESS

Competition jury consists of two jury panels:

- **Core jury panel**
- **Consultative jury panel**

Full jury panel members list is published at *SKYHIVE.BEEBREEDERS.COM*.

The core and consultative jury panel will be responsible for setting the criteria that participants need to fulfill based on the site and brief and will evaluate each submission accordingly.

Participants are advised to research both the working site and previous similar case studies as part of the design process.

“SKYHIVE Skyscraper Challenge” is an ideas competition, which encourages participants to experiment with the limits of architecture. The jury may choose to reward projects that show a high degree of creativity, even if they breach any of the rules, as long as it’s justified.

Selecting Top 3 winners:

1. Consultative jury panel will produce a shortlist of 40 from **all** submitted entries.
2. Consultative jury panel will select 9 competition finalists from the shortlist.
3. Core jury panel will evaluate the 9 finalists and select the top 3 winning projects and the 6 honourable mentions.

Student Award:

1. Consultative jury panel will produce a shortlist of 40 from all submitted **student** entries.
2. Consultative jury panel will select 9 competition finalists from the shortlist.
3. Core jury panel will evaluate the 9 finalists and select the winning project.

Green Award:

1. Consultative jury panel will produce a shortlist of 40 from **all** submitted entries.
2. Consultative jury panel will select 9 competition finalists from the shortlist.
3. Core jury panel will evaluate the 9 finalists and select the winning project.

MEDIA PARTNERS

A full list of media partners who have committed to present the competition winners in their publications will be listed at SKYHIVE.BEEBREEDERS.COM

ELIGIBILITY

The competition is open to all. No professional qualification is required. Design proposals can be developed individually or by teams (4 team members maximum).

People who have direct personal or professional relationships with jury panel members or organisers may not participate in this competition.

ARCHITECTURE STUDENTS

Bee Breeders architecture competition organisers would like to hear from representatives of universities, schools, and colleges offering architecture/design studies.

Contact us to receive special student rates for group registration (discount applies for 3+ registrations from one university/school) as well as further information and support to get your students involved in architecture competitions.

Send us a request from your university email address along with basic information about you and your university/school.

Please note that only recognized university staff can apply for the reduced student rate.

Full Competition Terms & Conditions:
SKYHIVE.BEEBREEDERS.COM/TERMS

Architecture Competition Organisers
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