MARSCEPTION 2024

Architecture Competition   Edition #2

TOTAL PRIZE - USD 4000

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VOLUME ZERO

INTRODUCTION

Since the start of time, we humans have been captivated by the mystical nature of other celestial bodies surrounding our Planet Earth. This fascination has been translated to works of astronomy, astrology, architecture and many other studies from making a simple telescope to humankind's first steps on the Moon. This unending drive for exploration has today led us to understanding our neighboring solar systems and galaxies, thousands of light years away.

The last few centuries have seen our Mother Earth grappling with mounting pressure towards her resources due to mankind's quest for a better life. This persistent pressure has now compounded into unpredictable and irrevocable changes to our climatic conditions and atmosphere. To relieve this mounting weight, we have been taking huge strides in our efforts to find resources on other planets like Mars for a clean and sustainable future.

The previous decade has witnessed MARS as the center of attention for becoming a potential new habitat for the earth's future population, resulting in a Martian race. With many visionary organizations and their ground-breaking explorative studies and research, the unseen future of inhabiting the Red Planet is now a real possibility; an opportunity to create a utopian tomorrow, making mankind a multi-planetary species.

"Mars is THERE, waiting to be reached."

– Buzz Aldrin (Former Astronaut)
Him and mission commander Neil Armstrong were the first two humans to land on the Moon)
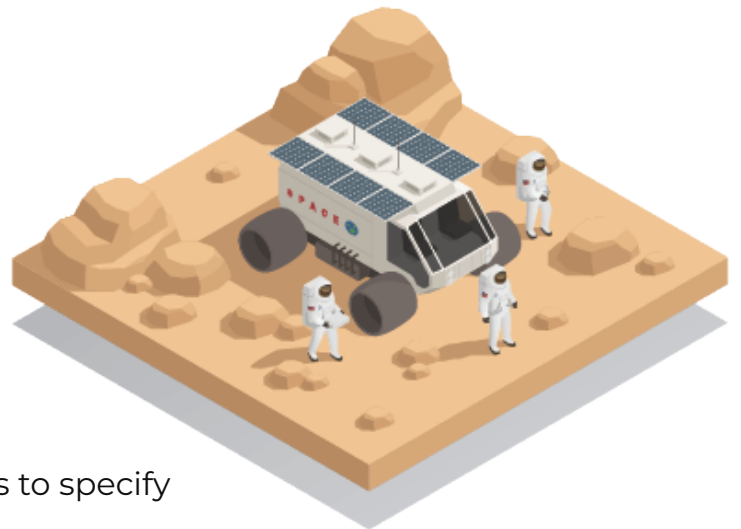
CHALLENGE

We invite architects, designers, students, teachers, engineers, artists, visionaries, and everyone who believe in this unseen future and a possibility of utopian future. The participants are to create a self-sustaining living space for the initial habitants, a group of five researchers, of the Red Planet.

These researchers are to further study and explore Mars to understand its resources for inhabitation and other human necessities. The 5 researchers have been carefully selected to understand various parameters to validate the idea for the existence of life on Mars.

The participants are to design functional, sustainable spaces that cater to the needs of these five researchers.

The spaces for the program include:

- Living Area
- Sleeping Area for five
- Cooking Area
- Research Area
- Interaction Spaces
- Areas for Sanitation and Bath
- Recreation Area
- Controlled Areas for Farming

Any other spaces that the participant wishes to specify

The participants are to select a location anywhere on the topography of Mars.

With interplanetary travel for humans, not a far-fetched idea and innovations made every day to make it a reality soon. It is now time to imagine and create a new civilization.

A civilization the world has dreamt with an opportunity to design the future architectural prospect on the Red Planet for others to follow.

Mars awaits its very own ARCHITECT!

JUDGING CRITERIA

The final entries will be judged by an esteemed panel of judges who are experts in the subject matter. The jury panel will judge the submitted entries as per the criteria mentioned below:

Design Concept

The participants' entries will be judged based on their imaginative capabilities to develop a concept and their approach towards designing the habitat in terms of innovation.

Climatically Responsive

The feasibility of the designs oppose the stark atmosphere of the Red Planet is to be given careful consideration.

Spatial Configuration

The spaces in the habitat pod have to be functional for all the necessary operations.

SUBMISSION

The entrants must complete the online registrations and the submission must include, (but are not limited to) the following required drawings.

Building / Site sections which illustrate key aspects and major spatial or programmatic elements.

Three dimensional representations explaining the design, perspectives and montages which display the character of the project.

Floor plans to show the interior spatial arrangements and program.

Elevations demonstrating qualities such as material, texture, and colour.

Large scale drawing that illustrates innovative details or integrated aspects of design.

All drawings should be presented at a scale appropriate for the design solution and include a graphic scale for reference.

FORMAT

A single A1 sheet must be submitted in JPEG format (150 DPI Resolution), file size not exceeding 5 MB.

The file must be marked with your unique identification number, presented clearly in the top right corner on the A1 sheet.

All text must be in English, with a MAXIMUM of 200 WORDS for project explanation with a readable font size (to be provided on the A1 sheet.

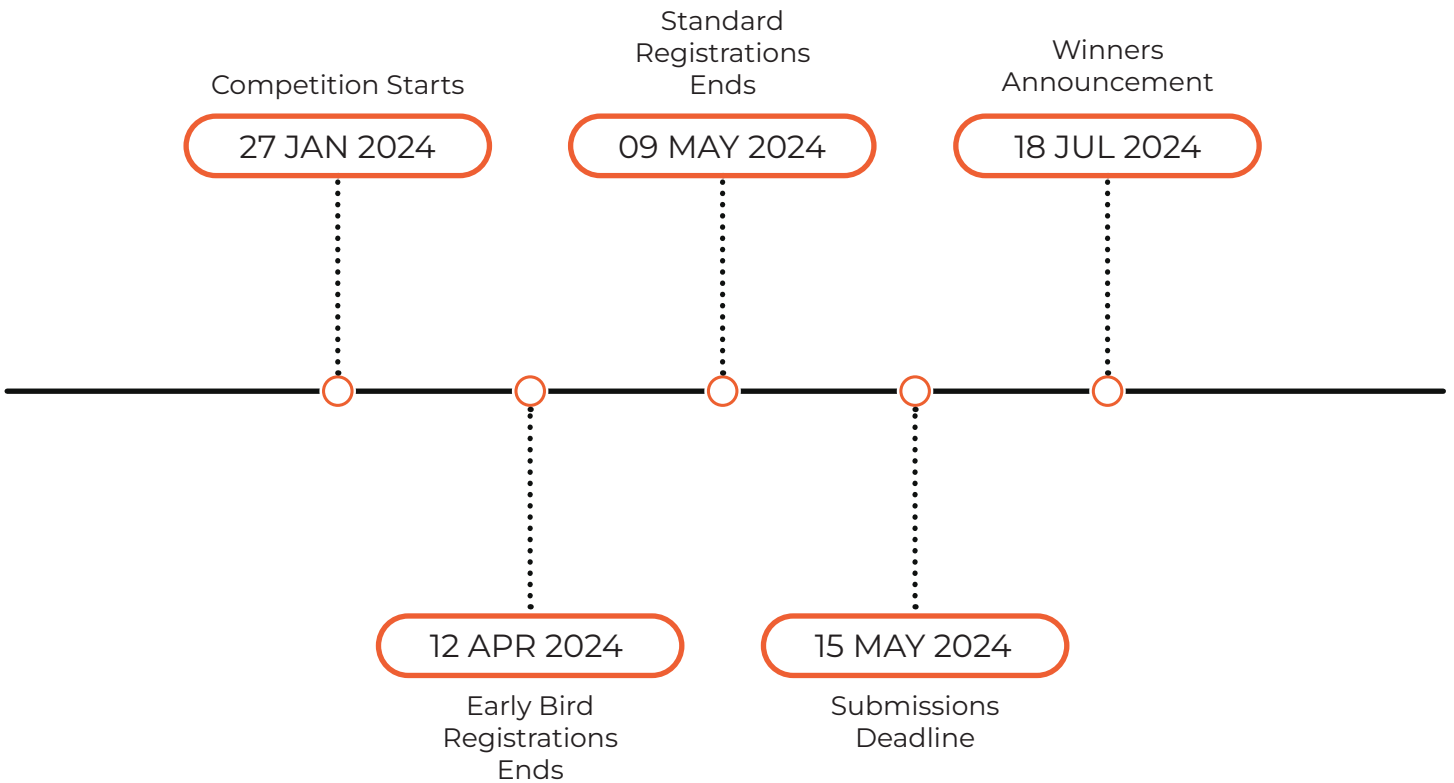The sheet must not include ANY INFORMATION(Name, Organization, School, etc.) that may give away your identity.

All dimension should be in imperial or metric unit.

SHEET FORMAT

Unique Code
A1 841 x 594 (mm)

Any other submission other than the above-mentioned format would not be accepted.

SCHEDULE

Competition Starts
27 JAN 2024

Standard
Registrations
Ends
09 MAY 2024

Winners
Announcement
18 JUL 2024

12 APR 2024
Early Bird
Registrations
Ends

15 MAY 2024
Submissions
Deadline

REGISTRATION

Early Bird Registrations

16 Feb 2024 - 12 Apr 2024

**Participants from India:
INR 1800 + 18% Tax**

**Participants from other countries:
USD 70 + 18% Tax**

Standard Registrations

13 Apr 2024 - 09 May 2024

**Participants from India:
INR 2400 + 18% Tax**

**Participants from other countries:
USD 85 + 18% Tax**

AWARDS & PRIZE MONEY

Total Prize - USD 4000

1st

USD 2000

Certificate of Achievement
Publication

2nd

USD 1200

Certificate of Achievement
Publication

3rd

USD 800

Certificate of Achievement
Publication

10 Honourable Mentions : Certificates

Winners and Honourable Mentions will be published on Volume Zero website and several international architecture and design magazines.

Participation Certificates

To show our appreciation, all the participants would receive participation certificate.

FAQs

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: 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 sends your request to questions@volumezerocompetitions.com 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 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@volumezerocompetitions.com to get an alternate payment method. We would send you all the possible payment methods.

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

A: Marsception 2024 Architecture Competition 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 should be the submission file size?

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

RULES & REGULATIONS

English is to be used as the language of communication for all drawings.

The deadline for submissions is 11:59 PM IST 15th May 2024. Submissions after this deadline will not be considered.

The identity of the participants needs to be anonymous. The registration number is the only form of identification for the entries.

The registration fee is non-refundable.

The participants should not contact the jury under any circumstances.

All participants must accept the rules and regulations of the competition.

The participants may face disqualification if any of the rules are not followed.

Volume Zero reserves the right to modify the schedule of the competition.

TERMS & CONDITIONS

We invite everyone, irrespective of their professions or qualifications, to join the competition and present their ideas. Participants are free to submit multiple entries but each entry needs to be registered separately.

Alongside individual entries, team entries are also allowed. A team can have a maximum of three participants. Interdisciplinary teams are also welcome to join.

After your registration has been approved, you will be sent a unique identification number for your team / entry which will be necessary to submit your proposal. If you haven't received a confirmation within two business days, please contact us at questions@volumezerocompetitions.com or our Facebook profile.