

MARSCEPTION 2018

ARCHITECTURE COMPETITION

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 in 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 centre 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 (he 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 inhabitants, 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!

SUBMISSION

REQUIREMENTS

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

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

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

Floor plans to show the interior spatial arrangements and program elements

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

1 Landscape oriented A1 Sheet

The sheet must be submitted in JPEG format (150 DP Resolution), file size not exceeding 5 MB

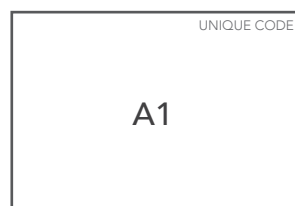
The file must be marked with your unique identification number, presented clearly in the top right corner on the A1 sheet

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

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 itself)

All dimension should be in imperial or metric unit system

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



Size
841 x 594 (mm)



Image source : www.wallpaperup.com

SCHEDULE

Early Bird Registration: 20th March 2018 to 18th May 2018

Participants from India - INR 1800 (per team)

Participants from Other Countries - USD 65 (per team)

Standard Registration: From 19th May 2018 to 20th June 2018

Participants from India - INR 2400 (per team)

Participants from Other Countries - USD 85 (per team)

Last Day for Queries : 10th June, 2018

Closing Date for Submission : 30th June 2018

Announcement of Winners : 20th August 2018

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.

AWARDS



Volume Zero Trophy
Certificate of achievement



Volume Zero Trophy
Certificate of achievement



Volume Zero Trophy
Certificate of achievement

+

10 Honourable Mentions

All the Winners and Honourable mentions would be published in Volume Zero website and other leading international web magazines

All the participants would receive a certificate for participation

RULES & REGULATIONS

1. English is to be used as the language of communication for all drawings.
2. The deadline for submissions is 11:59 PM IST 30th June 2018. Submissions after this deadline will not be considered.
3. The identity of the participants needs to be anonymous. The registration number is the only form of identification for the entries.
4. The registration fee is non-refundable.
5. The participants should not contact the jury under any circumstances.
6. All participants must accept the rules and regulations of the competition.
7. The participants may face disqualification if any of the rules are not followed.
8. VolumeZero reserves the right to modify the schedule of the competition.

QUERIES

Please feel free to write to us regarding any queries that you may have related to the brief or the competition. Send us your questions to 'questions@volzero.com' with '**FAQ Mars**' subject until **10th June 2018**.

We request the participant teams to keep checking the FAQ section on the website frequently to be updated about additional information provided.

COMPETITION ENTRY

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@volzero.com or our Facebook profile.

“At Mars, you can start a self-sustaining civilization and grow it into something really big.”

Elon Musk

Visionary Tesla and SpaceX founder

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