



Astronautical Society of India
Cordially invites you to the grand finale of
IN-SPACe CANSAT India Student Competition



featuring
INDIA's first of its kind

STUDENT CANSAT LAUNCH COMPETITION

Pioneering the skies | Launching CANSAT's with drones

आत्मनिर्भर भारत

Event Dates

April 16-17, 2024

Venue

Vivenza by Gopi Farm

Registrations open !!!

Chief Guests

Dr Pawan Goenka

Chairman IN-SPACe

Shri S Somanath

Chairman ISRO | Secretary DOS | President ASI

Organised & Conducted by



ΛΛΚΑ SPACE STUDIO

IN-SPACe

NSL एनसीएल

इसरो ISRO

Venue - Vivenza by Gopi Farm & CANSAT event ground,
Near Sardar Patel Ring Rd, Sentossa Greenland, Ognaj,
Ahmedabad, Gujarat 380060

Media Partner



CANSAT Student India Competition

About CANSAT

The IN-SPACe CANSAT Student Competition is being organized by Astronautical Society of India, to inculcate the space science and technology temperament among the student community. This competition involves the design, development & launch of a CAN sized satellite to an altitude of 800 meters to 900 meters above the launch site. The competition will also help to create a wide scale ecosystem for Swadeshi Space activities in the country and bridge the industry academia skillset gap thereby enabling the future space force creation for the AatmaNirbhar Bharat.

CANSAT Student India Competition Brief

CANSAT India mission criteria include developing a CANSAT that weighs less than 0.700 kg (+/- 0.050 kg) and has dimensions no more than 0.125 m in diameter and 0.310 m in height. The main goals are to activate the descent control system at 500 meters above sea level, incorporate a novel mechanical gyro-control system for descent control, and make sure the CANSAT survives the mission while sending data to the ground station via telemetry link. Launched to an altitude of 800.0 m to 900.0 m, CANSATs will be deployed close to the peak altitude and will eject with an uncontrolled orientation.

Achieving optional goals like creative descent trajectory control, inventive materials, more sensors and communication systems, video recording from separation to touchdown, creative recovery strategies like HAM radio or sophisticated beacons, and creative quality and reliability analysis methodologies will earn extra points. Teams are shall suggest new methods within predetermined power, mass, and cost limits.

MISSION REQUIREMENTS for CANSAT INDIA:

Design a CANSAT weighing under 0.700 kg (+/- 0.050 kg), with dimensions not more than 0.125 m diameter and 0.310 m height. The objectives for the 2022-23 competition will be:

- **Innovative Mechanical Gyro-control** system that shall demonstrate the descent control of the CANSAT.
- **CANSAT descent control system** that shall open at an altitude of 500 m.

CANSATs will be launched to an altitude of 800.0 m to 900.0 m from the ground level and above the launch site & deployed near the peak altitude. During ejection the orientation of the CANSAT is not controlled. The CANSAT must remain intact during the course of the entire mission and send the data to the ground station through a telemetry link.

Competition Statistics

Total Teams Applied - **82**

Total Teams Qualified
in PDR - **40**

Total Teams Selected
for Finals by a Jury Panel - **27**

Participating Teams



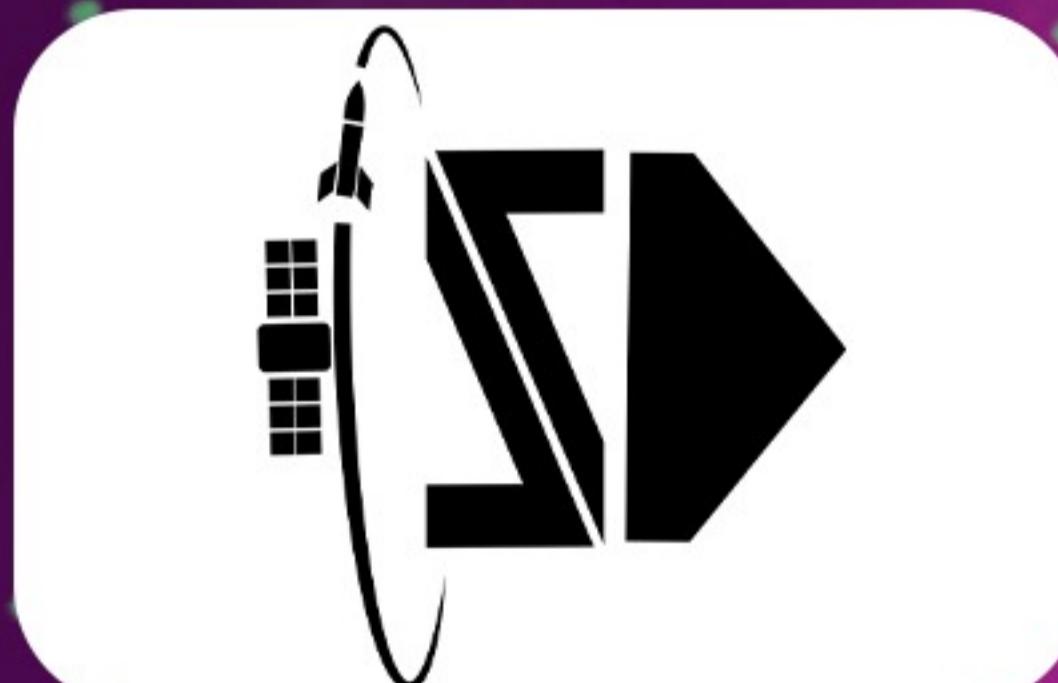
2022ASI-002
ASTROPEEP



2022ASI-003
ASTRAL



2022ASI-005
VINIDRA



2022ASI-006
STAR DUST



2022ASI-008
V-SAT

For further details reach us at : +91 97427 51186 (Amit Kumar Singh, ASI) | +91 81126 36289 (Aman, ASI)

mail : asindia.org@gmail.com, asi@ursc.gov.in | website : www.asindia.org

CANSAT Event Sponsorships

Platinum Sponsor	Diamond Sponsor	Gold Sponsor
5 Lakh	3 Lakh	1 Lakh
Logo on Stage Backdrop	Logo on Stage Backdrop	Logo on Stage Backdrop
Complimentary Delegates 8 Persons (Food Included)	Complimentary Delegates 6 Persons (Food Included)	Complimentary Delegates 4 Persons (Food Included)
Stall Area in Dome Exhibit upto 21 Sqm (Stalls at the entrance)	Stall Area in Dome Exhibit upto 18 Sqm (Stalls at corners)	Stall Area in Dome Exhibit upto 9 Sqm (1 Stall as per request)
Sponsor Promo Video Upto 4 mins	Sponsor Promo Video Upto 2 mins	Sponsor Promo Video Upto 1 min
Personal Banner/Flex Provision Upto 10 (banner sizes as per the event organiser)	Personal Banner/Flex Provision Upto 6 (banner sizes as per the event organiser)	Personal Banner/Flex Provision Upto 4 (banner sizes as per the event organiser)
Seat Allocation in the VIP/Dignitaries Zone during the event	Seat Allocation in the VIP/Dignitaries Zone during the event	Seat Allocation in the VIP/Dignitaries Zone during the event
Media Coverage	Media Coverage	Media Coverage
Guest talk in the Plenary (10 mins) Momento by Guest of Honour Vote of thanks & Momento by Guest of Honour	Vote of thanks & Momento by Guest of Honour	Vote of thanks & Momento by Guest of Honour



**Exciting Recruitment Opportunity for Indian
Space Industry from CANSAT Teams**



Participating Teams



2022ASI-009
VIHANGA



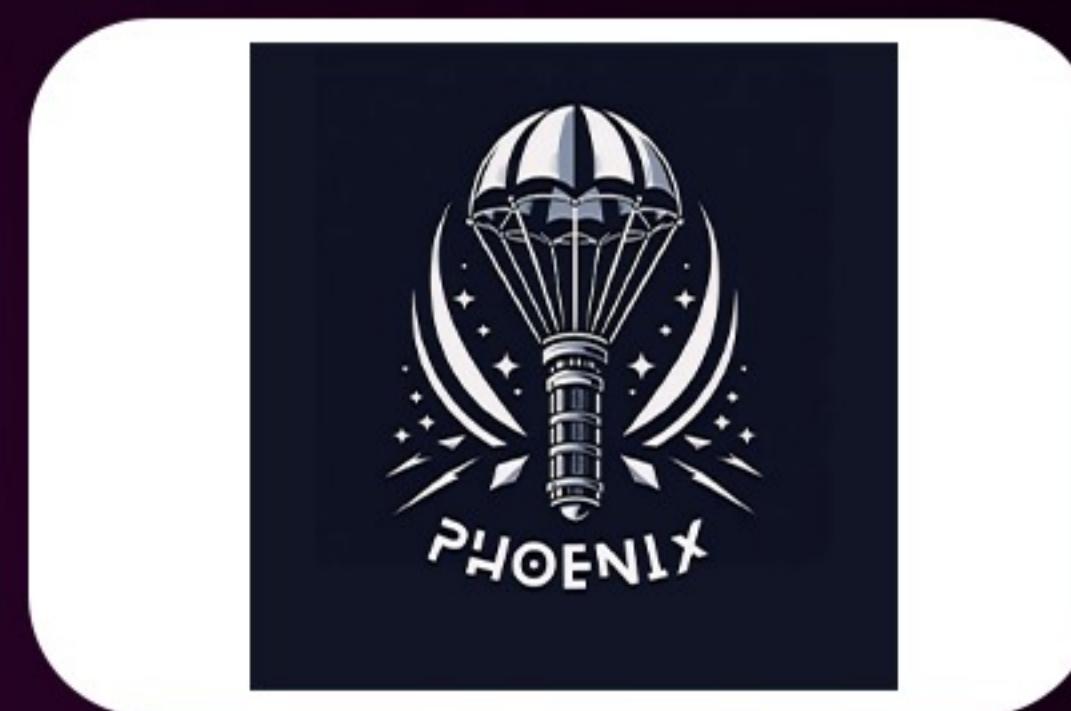
2022ASI-011
AVINYA



2022ASI-012
MGM CANSAT



2022ASI-015
VISHWASHANTI

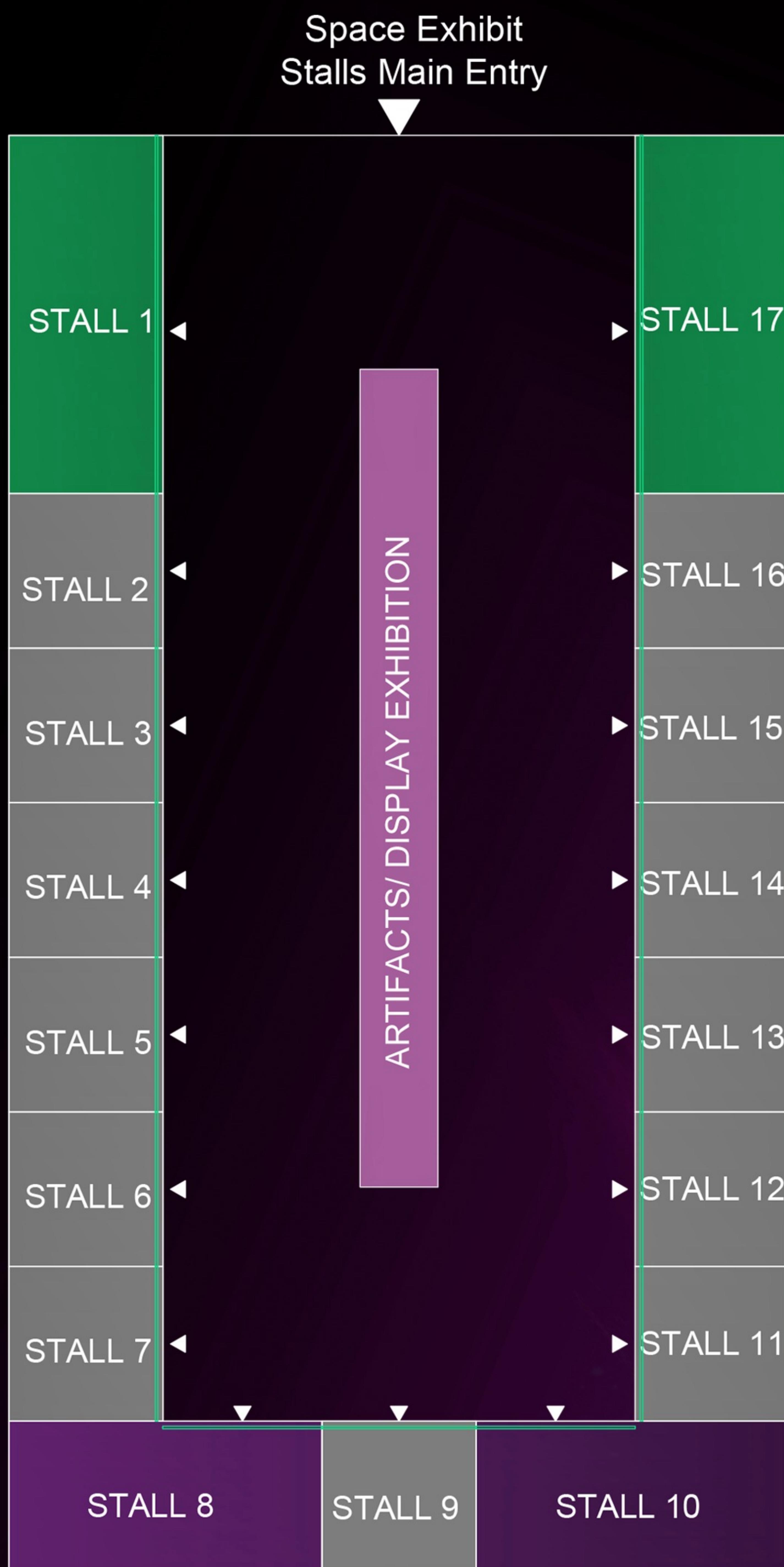


2022ASI-016
PHOENIX KITS

For further details reach us at : +91 97427 51186 (Amit Kumar Singh, ASI) | +91 81126 36289 (Aman, ASI)

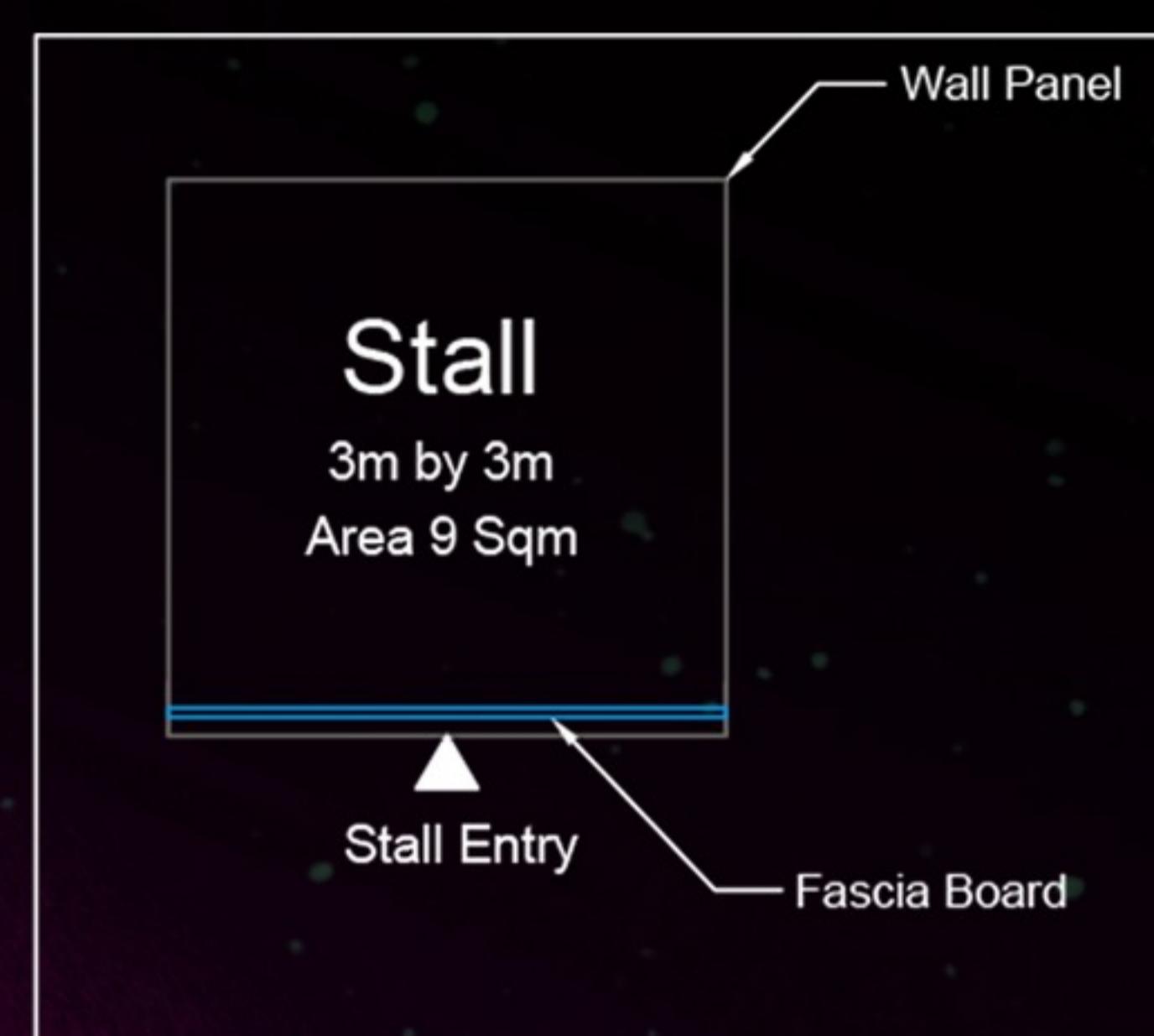
mail : asindia.org@gmail.com, asi@ursc.gov.in | website : www.asindia.org

Stall Map



Space Exhibit Stall Details

Platinum Stall Area : 3m x 7m (21sq m)
Diamond Stall Area : 3m x 6m (18sq m)
Remaining Stall Module Area : 3m by 3m (9sqm)
Total Number of Stalls : 17 Stalls



	Point of Entry
	Platinum Sponsor (3mx7m)
	Diamond Sponsor (3mx5m)
	General Stalls (3mx3m)
	Artifacts/ Display Exhibition

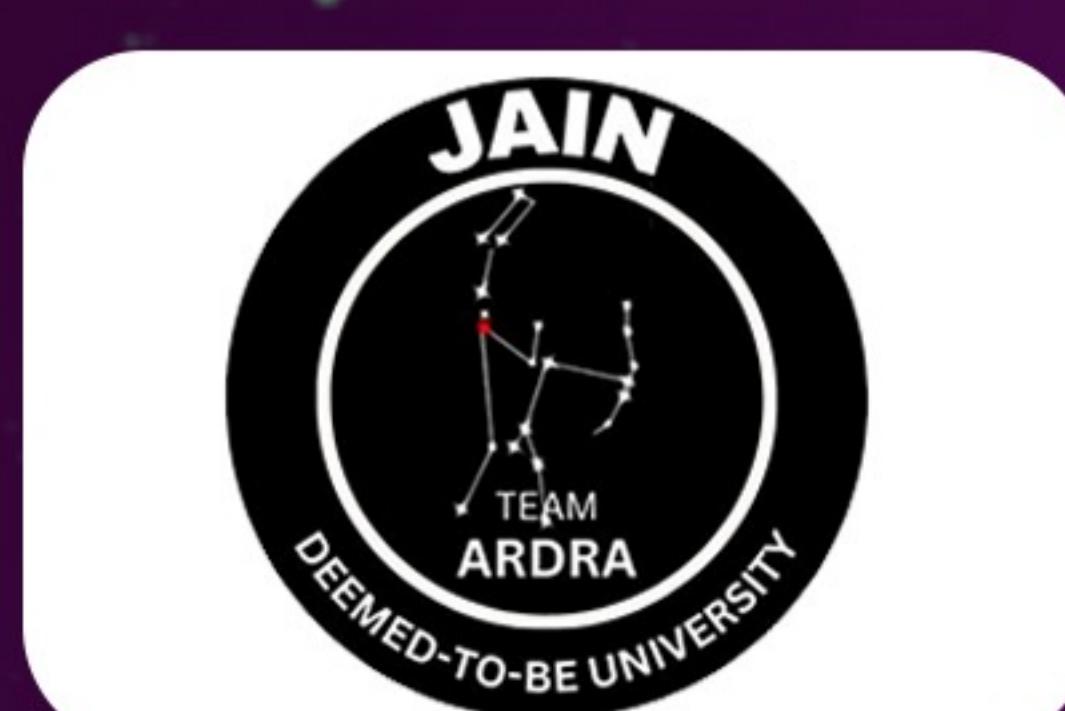
Participating Teams



2022ASI-018
NEXSAT



2022ASI-021
PSIT_COSMONAUTS



2022ASI-022
ARDRA



2022ASI-026
ANANT



2022ASI-027
VAYU VEGA

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Program Schedule

DAY 1 | April 16, 2024

06:00 Hrs	Student Teams Assemble at Venue	
06:00-11:30 Hrs	CANSAT Launch using Drones	NAL Teams + Students + Evaluation Team
11:30-16:00 Hrs	Art In Space Competition Walk-In Interview for CANSAT Team by Space Industry	
16:00-19:00 Hrs	CANSAT Launch Continued	NAL Teams + Students + Evaluation Team

DAY 2 | April 17, 2024

06:00 Hrs	CANSAT Launch using drones	NAL Teams + Students + Evaluation Team
09:00-11:30 Hrs	ASI Excellence in Astronautics Annual Awards for the year 2020, 2021 & 2022 Walk-In-Interview for CANSAT Team by Space Industry Art In Space Competition	

IN-SPACe CANSAT Student India Competition Prize & Certificate Distribution Function

11:30-11:35 Hrs	Welcome Address & Introduction to CANSAT Competition	Dr. Vinod Kumar Executive Secretary, ASI
11:35-11:40 Hrs	Introduction to Guest of Honour	Shri Ulkesh B Desai GH, SAC/ISRO
11:40-11:50 Hrs	Address by Guest of Honour & Announcement of Competition Results	Dr. Pawan Goenka Chairman, IN-SPACe
11:50-11:55 Hrs	Introduction to Chief Guest	Shri Pranav Prakash Singh Deputy Director, PMAD
11:55 Hrs	Address by Chief Guest	Shri S Somanath President, ASI / Chairman ISRO / Secretary DOS
12:10-13:15 Hrs	Prize & Certificate Distribution	Secretary DOS/Chairman ISRO/ President ASI and Chairman IN-SPACe
13:15-13:20 Hrs	Announcement of upcoming Student Competition	
13:20-13:25 Hrs	Vote of Thanks	Shri Brijesh Kumar Soni Deputy Director, IN-SPACe
13:25-13:26 Hrs	National Anthem	All Participants
13:26-14:00 Hrs	Lunch	

Participating Teams



2022ASI-028
M.A.T.R.I.X



2022ASI-033
PATHIK



2022ASI-041
VYOMSPACE



2022ASI-043
DEBRIS



2022ASI-044
DRISHYANT



2022ASI-045
NAMBI_VJ

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Art In Space & CANSAT Photography Competition

Open for Schools & Universities

Art in Space

Galactic Expressions

Art Beyond Earth

Theme: A Habitat Beyond Earth

Knowledge Partner



निर्धनतानाशाय बौद्धिकसम्पदानि
निमाणकुर्वाम

16 April 24'
IN-SPACe CANSAT Event

FREE ENTRY FOR
ALL STUDENTS !!!

REGISTRATIONS OPEN !!!

Find QR in the Registrations &
Payment Page

Are you passionate about space exploration and artistic expression? Do you dream of showcasing your creativity on an interstellar canvas? Then get ready to embark on an out-of-this-world adventure with our "Art in Space" competition! This competition invites students from schools and universities to unleash their imagination and create artworks inspired by the wonders of the cosmos.

For Queries on the Competition please reach us at the number provided below

+91 75066 53307 (Girindra Pratap Singh) | +91 81605 24345 (AAKA SPACE STUDIO)

Participating Teams



2022ASI-046
NAMBI CU



2022ASI-049
KALPANA



2022ASI-050
TEAM DYAS



2022ASI-053
NMITSAT



2022ASI-058
CUJAMMU-ASTRO



2022ASI-063
UDUPI

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Registration & Payment



"CANSAT India" Event Committee finds immense pleasure in inviting all Enthusiasts to Support, Spectate & be a part of this CANSAT launch competition & ASI Award Function

Registration Opens On

21 March 24'

Last Date for Registration

10 April 24'

Entry free for all students with valid Identity Card

To participate in the art & photography competition scan the **CANSAT Registration QR provided below**

SCAN HERE TO SPONSOR



SBI

Merchant Name : ASTRONAUTICAL SOCIETY OF

UPI ID : astronaughticalsocietyofindia5604@sbi



BHIM | **UPI**



ONE EARTH • ONE FAMILY • ONE FUTURE

SCAN HERE TO REGISTER



CANSAT Registration QR



ONE EARTH • ONE FAMILY • ONE FUTURE

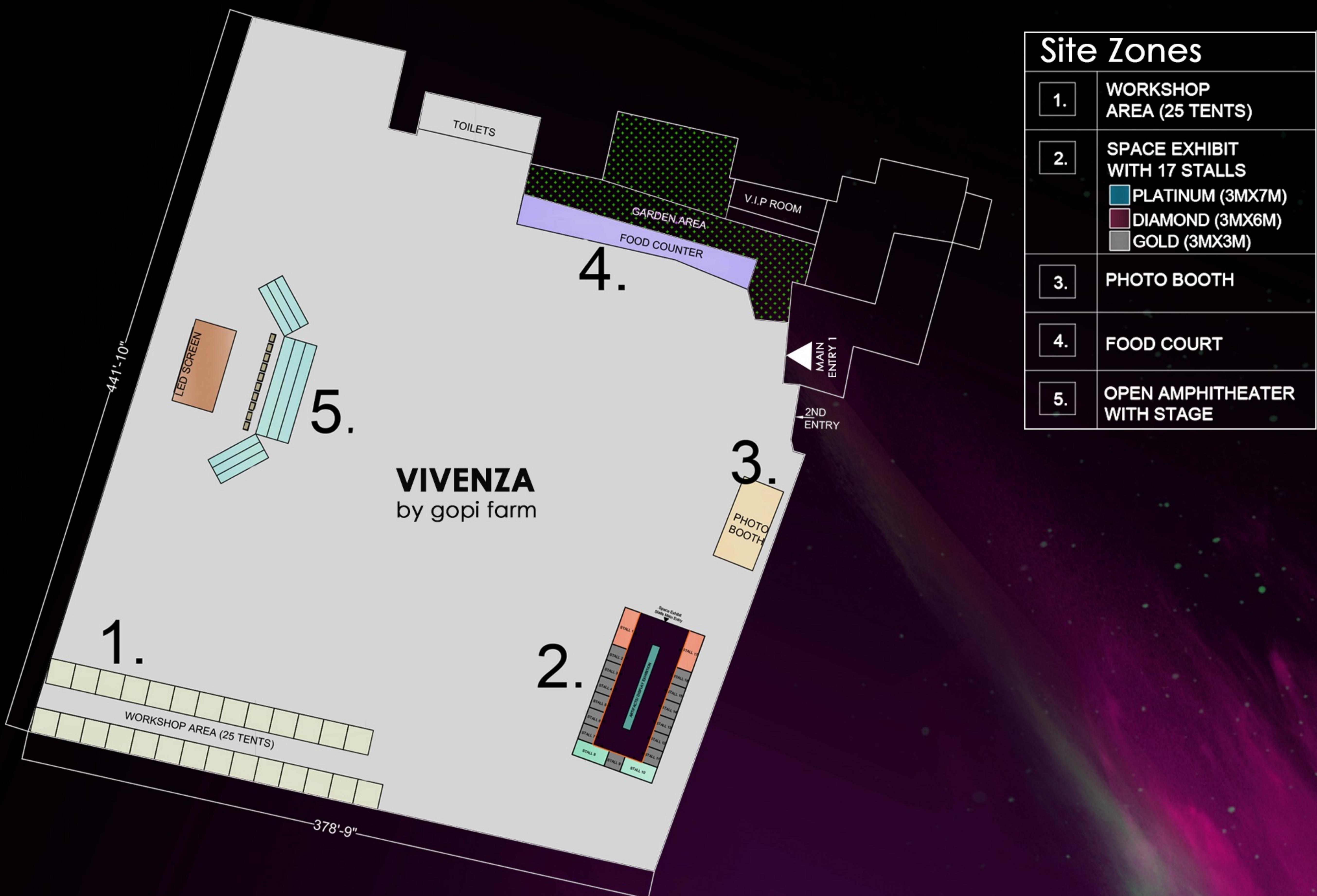
For any queries and support regarding Sponsorship and CANSAT Entry Registration the concerned person shall reach out to the event committee through the dedicated contact and mail provided below

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Event Site Map

CANSAT Event Venue



Site Zones

1.	WORKSHOP AREA (25 TENTS)
2.	SPACE EXHIBIT WITH 17 STALLS <ul style="list-style-type: none"> PLATINUM (3MX7M) DIAMOND (3MX6M) GOLD (3MX3M)
3.	PHOTO BOOTH
4.	FOOD COURT
5.	OPEN AMPHITHEATER WITH STAGE



Venue - Vivenza by Gopi Farm & CANSAT event ground, Near, Sardar Patel Ring Rd, Sentossa Greenland, Ognaj, Ahmedabad, Gujarat 380060

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