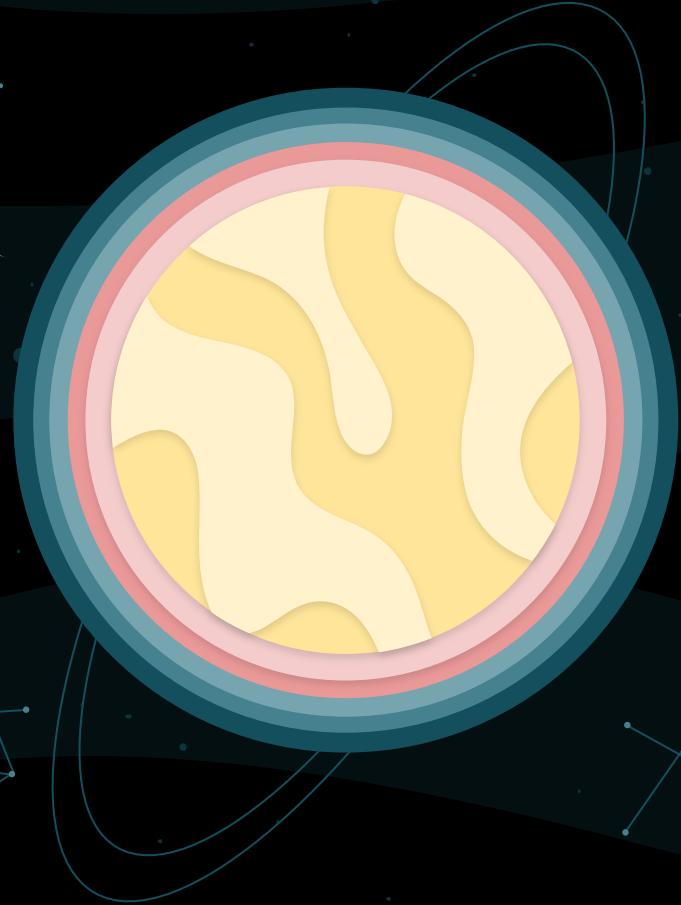


# SPACE CAMP INDIA

Here is where your presentation begins



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I attended Space Camp India as the only international participant. How did it go?

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# WHAT IS A SPACE CAMP?

Originally conducted by a governmental organization, The Alabama Space Science Exhibit Commission and supporting organizations in different parts of The USA, Space Camp ( in simple terms), is normally a week's program where kids aged 8-16 are a focus group. They are taught the basics of what it takes to be an astronaut and give an insight of WHY ARE WE SO INTERESTED IN SPACE?

# WHY IS SPACE CAMP IMPORTANT?



## PASSION

Space Camp instills a passion in youths to pursue the wonders of Science, to ponder their curiosity and be amazed by the universe.



## EXPOSURE

Space Camp provides youths from a very small age an exposure to plethora of activities which astronauts go through. Hands on experience plays a vital role in shaping a child's meet.



## EMPOWER

Space Camp develops the next generation of STEM folks by igniting them with a sense of empowerment when they accomplish the idea of advancing Science and Tech for good

# SPACE CAMP INDIA

Space Camp India 2022 had a lot of activities aiming to rejuvenate the curiosity of young minds and unlock their potential. It was a blend of fun activities as well as learning. It was a once-in-a-lifetime opportunity for me.

The activities included visits to Science City, Workshops like Can-Satellites, Aero-Modelling, Space Robotics, Astronomy, Drone Fabrication, etc. It even had fun competitions like Space Warriors, Prep Wings, Space Quiz, etc. For the most interactive part, it had space-themed EDM nights and Squid Games for the participants.





# WORKSHOPS THAT WERE AVAILABLE

## MODEL ROCKETRY

Learned how rockets are designed, manufactured, programmed and launched. We also crafted rockets of model to get a better understanding of its parts

## AEROMODELLING

Crafted Aero plane models and through different workshops, we were explained about airplane models and its flying mechanisms.

## DRONIFICATION

We were taught to use a flight controller and hand-held transmitters to build and fly our own drones

# Workshops ( contd.)

## PATHWAY TO STARS

Lectures about different stars and planets and observe them using telescopes we built during this workshop. We also observed constellations through stargazing activities.

## CANS-IN-SPACE

Cans-in-space was a workshop that helps on our understanding about satellites teaching to apply how to squeeze a large satellite inside a small can.

## SPACE ROBOTICS

Learned how The Mars Rover Works, how it collects data, etc.

# Guest Lectures



Mr. Akshat Mohite

The youngest NASA astronaut  
trainee from Asia



Dr. Mamta Soni,

Research Supervisor at LIPS  
Research European International  
University Paris and Specialist in  
Astrophysics



Mr. Vinod Kumar,

Founder, and Director of  
CrossVind Solutions come for  
the sessions





# CONCLUSIONS + PLANS



The background is a dark, wavy night sky. It features several constellations represented by thin blue lines connecting dots. There are several bright, multi-pointed pink stars. A yellow and orange striped planet is visible in the upper left. At the bottom, a portion of a rainbow with blue, yellow, and red bands is visible.

# THANK YOU

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