NASA SPACE APPS CHALLENGE
2018
EVENT REPORT

48 HOURS
HACKATHON

Powered by :
SUMVN & KGS ADVISOR

Website:
http://spaceappindia.org/
https://2018.spaceappschallenge.org/locations/delhi/
http://sumvn.in

SPACE APPS INDIA

CONCEPT:

The International Space Apps Challenge is an international mass collaboration focused on space exploration that takes place in different cities around the world. The event embraces collaborative problem solving with a goal of producing relevant open-source solutions to address global needs applicable to both life on Earth and life in space. NASA is leading this global collaboration along with a number of government collaborators and over 100 local organizing teams across the globe.

Objective of Space Apps India:

The main objective of conducting these events is to make students conscious of what is happening in today's world in space technology and also to make them the job generators instead of job seekers. We mainly concentrated on women entrepreneurs coming out of colleges. In INDIA the main downside of students studying in level-2 colleges are, they are not familiar with the opportunities they have at this point in time. Though they have ideas they don't come forward either, they don't find any platform to showcase it or they don't have any mentoring. So to overcome this problem we team SUMVN are giving them a platform where they have all the opportunities to make their ideas into a real-time application.

DATE: 19th-21st OCTOBER 2018

DURATION: 48 hours.

LOCATION: 91Springboard, C2, Sector 1, Noida, Uttar Pradesh 201301

Space Apps India Team:

Space apps Lead:

- Katapally Saikiran
- Tripti Singhal Somani
- Namrata Kapoor
- Keshav Tiwari

Organizing Team:

- G. Lakshmi Priyanka
- Gutta Manish Kumar
- Akshatha rao
- Deepika Garg
- Abhijit Chanda
- Arnika Raj
- Akshara Devalapalli
- Rohith Mothe
- Rachana Kotha
- Sushmitha Haripriya
- Pavan Kumar
- Arvind Reddy
- Chakradhar Sangepu
- Hamisu Ali Kime
- Musthapha
- Bhargav Veerla
- Ayush Gupta

INTERNATIONAL SPACE APPS CHALLENGE

Number of organizers across India: 210

Number of Vounteers across India:700

GOALS:
- To bring forth innovative ideas and solutions to the problem statements provided by Space Apps Team.
- To encourage students to know about hackathon culture and how to solve real time issues or problems using NASA open data
- To form Space Apps Student Community in tier 2 and tier 3 colleges

ABOUT SPACE APPS INDIA:

The International Space Apps Challenge was such a success in its early years that it has now become an annual event. The purpose of the event is to continue to give people everywhere an unprecedented opportunity to use NASA data to develop meaningful solutions to help to address critical needs applicable to both life in space and on Earth, and that it becomes a global community of individuals excited about collaborating to advance the frontiers of space science and technology. We have conducted it in **Andhra Pradesh, Telangana, Rajasthan, Karnataka, West Bengal, Uttar Pradesh, and New Delhi**. We are happy to inform that almost 50,000 students took part in boot camps all over INDIA and 10,000 enthusiasts participated in the pre-qualifier rounds of the hackathon in Different states of INDIA.In Telangana, around 12,000 students took part in boot camps and 1500 enthusiasts participated in the pre-qualifier rounds. From each state, we selected top 3 or 4 teams who will be participating in the National round of hackathon happen on **OCT 19-21 @91 Spring Board New Delhi.** About 200 students were selected for the India finals which took place in 91 Springboard, Noida, Uttar Pradesh on 19th to 21st October 2018.

ABOUT THE EVENT(IN DETAIL):

The event began with the formal inauguration ceremony and lightning of the lamp. After which the pitching of the ideas by the participants started. Total 27 teams were registered and participated as a part of the Final round. During the idea of pitching, each team was given about 2 minutes to register their team into the competition by presenting their ideas/concept.

Idea pitching was followed by prototyping of the concept. Post lunch, the students started working on their ideas from given challenges. Experts on their key technologies like Web Development, Android, etc provided the mentoring to students.

SUMVN team were also available there and interacted with students as a mentor to get valuable inputs from them and validate their ideas and work on the improvement areas their ideas might have. After which the mentor validated the ideas of students.

There are checkpoints for validating the ideas of participants. There were checkpoints at a certain interval. Between each checkpoint, participants get the mentoring if they required. The next round of pitching started after Breakfast after which top 4 teams were selected by the jury and awarded.

CHALLENGES ON WHICH THE STUDENTS WORKED ON:
- Can you build A…
- Help Others discover the Earth
- Volcanoes, Icebergs, and Asteroids (oh my)
- What the World Needs Now is..
- An Icy Glare
- A Universe of Beauty and Wonder

NO OF PARTICIPANTS ATTENDED FOR FINALS: 200

NO OF TEAMS REGISTERED: 27

AGENDA OF THE EVENT:

Bootcamp conducted on 19th october 2018 where all the participants were told about the guideliness and work pattern for the next two days.

DATE	TIME	SCHEDULE
20th October, 2018	8.00 – 9.00 AM	REGISTRATION, BREAKFAST AND ALLOCATION OF WORK AREA
20th October, 2018	9.00 – 10.00 AM	PRE-PLANNING OF PROJECTS AND SETTING UP THE WORK
20th October, 2018	10.00 – 11.15 AM	INAUGRATION, WELCOME OF GUESTS AND SPEAKERS
20th October, 2018	11.15 – 1.30 PM	GETTING BACK TO WORK AND START CREATING SOLUTIONS
20th October, 2018	1.30 – 2.30 PM	LUNCH BREAK
20th October, 2018	2.30 – 6.30 PM	KEEP BUILDING THE SOLUTION
20th October, 2018	6.30 – 7.00 PM	TEA BREAK
20th October, 2018	8.30 – 9.30 PM	DINNER BREAK

20th October, 2018	12.30 – 1.30 AM	FUN SESSION
21st October, 2018	1.30 – 8.00 AM	CONTINUE ON PROJECTS UNTIL YOU CAN! NIGHT IS YOURS J
21st October, 2018	8.00 – 9.00 AM	GET REFRESHED AND BREAKFAST
21st October, 2018	11.00 AM	**SUBMISSION DEADLINE**
21st October, 2018	11.30 – 2.30 PM	**JUDGING ROUND**
21st October, 2018	2.30 – 3.15 PM	LUNCH BREAK
21st October, 2018	3.30 – 4.15 PM	FELICITATION OF PARTICIPATING COLLEGES AND PARTNERS
21st October, 2018	4.15 – 5.00 PM	**ANNOUNCEMENT OF WINNERS, CLOSING SPEECH AND AWARDS**

MEMBERS OF THE JURY:

- Dr.Siddhartha.
- Prof. Diwaker.
- Mr.Siddhanth Bansali.
- Mrs. Parul Bansali.

GUESTS:

- Mrs.Tripti Shinghal Somani – Founder of KGS Advisors
- Ms.Sanchaita Gajapati Raju – Founder and Managing Trustee at SANA
- Dr. Ranjana Kaul –Partner at DUA Associates,Advocates & Solicitors
- Ms.Kanika tekriwal-CEO,JetSetGo Aviation Services
- Mr.Sabyasachi Mukhopadhyay-Facebook Developer Circle at Kolkata
- Ms.Vatsala Khetawat-Director at Heera Metals
- Mr.Vineel Reddy Pindi-Founder and CEO,Collab House
- Mr.Shanti Swaroop Kandala-Founding Team Lead,IIT-H Student Satellite

PARTNERS:

- **Supported by:**
  Government of Telangana
  Start-up India
  Invest India
- **Resource Partner – ICRISAT**
- **Knowledge Partner:**
  Department of Science and Technology
  TASK
- **Organized by-SUMVN**
- **Co-Organized by – KGS Advisors.**
- **Digital Media Partner - OUTSHADE Digital Media**

RESOURCES PROVIDED:

- Printing brochures and posters.
- Food (dinner and breakfast).
- Tea and snacks.
- Electricity.
- Wi-fi.
- Water supply.
- Photography.
- Social media support
- Momentos.
- Certificates.

Results:

- The event was successful with 200 participants.
- Among 27 teams 3 top teams were selected for the International round of the Hackathon
- The winners were selected based on how technically sound they are, their creativity, presentation ability to define their concept work and the how the participants used the data set provided by NASA.

Winners:

Position:1st Winner

Team Name:EXCELSIOR

Challenge Selected: Looking Globe-Ally

Team Members: Susmit Agrawal
Abhijeet Singh
Vipul Gaurav
Vishal V

About Project: https://2018.spaceappschallenge.org/challenges/what-world-needs-now/globe-observer/teams/excelsior/project

State: Karnataka(Sri M Vishveshwaraiah Institute of Technology)

Position:2nd Winner

Team Name:SPECTRA

Challenge Selected: Make Sense Out of Mars

Team Members: Debam Saha
Aditi
Avishek Biswas
Wasim Akram

About Project: https://2018.spaceappschallenge.org/challenges/can-you-build/make-sense-out-mars/teams/spectra/project

State: West Bengal(Heritage Institute of Technology)

Position: People Choice(Got 2000 Votes)

Team Name:3NITY

Challenge Selected:Make Sense Out of Mars

Team Members: Apurva

Ganesh

Rishi Gupta

Sai Krishna Chaithanya

About Project: https://2018.spaceappschallenge.org/challenges/can-you-build/make-sense-out-mars/teams/3nity-defence/project

State: Telangana(CMR Groups of Institutions)

Future Development:

- To create a community called Space Apps student community to ensure that the students learn about technology and build up their ideas into products and solve real-time problems of the world which will be addressing in upcoming hackathons which are going to be conducted in the future.

- To support the students selected to the next round of Space Apps hackathon by providing relevant mentors and technical experts.

- To support innovations in the community from layman and young students.

- We as the Young Entrepreneur of the country are very enthusiastic to extend our hands and support for the growth of the country

- Events like this happen only in IITs and NITs.Other college isn't much aware of these and doesn't get the opportunity to expose students to such innovation. We want to conduct the events in such colleges where ideas of the students are helpful for the society

SPACE APPS CHALLENGE
INTERNATIONAL · CHALLENGE

Testimonial:

R.A Mashelkar-Former Director General of CSIR: All my best wishes with you Space Apps Team And SUMVN

Jayesh Ranjan,IAS-principal Secretary,Govt of Telangana: It's a platform where enterpreneur,students,innovators comeup with bright ideas and connect with technology and sciences

Srinivas Kollipara-CEO,T-Hub: This going to be rolled out at a national level,they except much more participantion last event students came up with brilliant and amazing ideas and I'am sure it will be better this year.

Phanindra Sama-Chief innovation Officer,Govt of Telangana:Dear Nasa Space Apps Challenge Participants of 2018 a big congratutions for you for participating in event,I encourage you to participate more and more in such events because events like this are stroke to show our creativity,test our Imagination

Amrapali KATA,IAS-Warangal Collector: If you are an engineer designer and if you are researcher,Startup of course anybody who is interested in problem solving you have to participate in this event.

Madiha Ahmed-Social Psychologist & Researcher: Great job in space techonolgy.

Tripti Shinghal Somani – Founder of KGS Advisors: Great team work SUMVN,Proud to be your partner

EVENT PICS: