



Jagan Institute of Management Studies, Jaipur

Event Report on Pre-Qualifier Round



The Prestigious

NASA

International Space App Challenge

24 HOUR

HACKATHON

02nd Sept. 2018 | 9:00 AM –Till- 3rd Sept. 2018 | 9:00 AM

Jagan Institute of Management Studies, Jaipur (JIMS Jaipur)
Goner Road, Plot No. IP 2 & 3, Phase -IV, Sitapura Industrial Area, Jaipur, Rajasthan 302022.
website: www.jimsjaipur.org



Orientation Programme "PRAARAMBH 2018"

NASA International Space Apps Challenge

Event Report



Concept

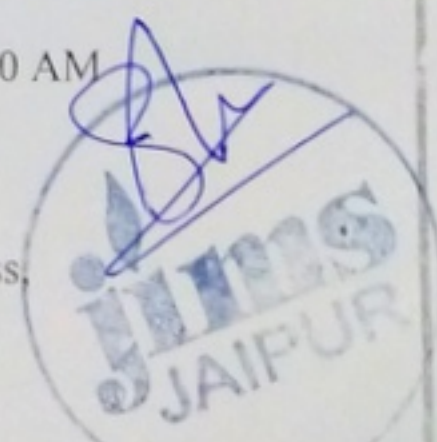
NASA International Space Apps Challenge, an initiative by NASA's Earth Science Division, has grown to be the world's biggest international hackathon, enticing a big number of residents each year across the globe to participate in this event. The event helps in building progressive solutions for challenges we face on Earth and in house by usage of open source data.

The hackathon idea is to find & collaborate problem fixing with an aim of producing relevant open source solutions to increase space exploration missions and improve life on Earth. It was open to each person who has a passion for making a distinction and is focused on growing real solutions to global challenges.

Date : 02nd September. 2018 | 9:00 AM – Till – 3rd September. 2018 | 9:00 AM

Duration : 24 Hours

Venue : JIMS Jaipur, C/o. JaganNath University, NH-12, Chaksu Bypass,
Tonk Road, Jaipur-303901 (Rajasthan).



Organisers



Organizing Institute

Jagan Institute of Management Studies

(JIMS Jaipur)

Opp. to Chokhi Dhan, Goner Road, Plot No. IP 2 & 3,
Phase -IV, Sitapura Industrial Area, Jaipur, Rajasthan
302022

Faculty Coordinators

- Dr. Rustam Bora
- Dr. Jitendra Rathore

Organising Team – Faculty / staff

- | | |
|---------------------|--------------------------------|
| • Mr. Sunil Sharma | • Mr. Nandan Singh |
| • Ms. Richa Mitra | • Mr. Jitendra Rajawat |
| • Ms. Pooja Kudesia | • Mr. Gajendra Singh Shekhawat |
| • Mr. Pankaj Sharma | • Mr. Sitaram |
| • Mr. Rakesh Goyal | • Mr. Ashok |
| • Ms Nisha Thakyal | |

Faculty Mentors

- Mr. Kunal Sharma
- Mr. Madhav Sharma
- Mr. Manish Jain
- Mr. P.L. Gupta
- Mr. Pushpendra Kr. Sikarwal
- Mr. Rakesh Chand Sharma
- Mr. Rohit Saxena
- Mr. Siddhant Kr. Singh
- Mr. Siddharth Singh
- Mr. Vijay Mohan Shrimal

Number of Student Volunteers : 16

- Aastha Sharma
- Amit Kumar Rawani
- Archita Ranka
- Divya Sharma
- Jaivardhan Singh Chundawat
- Mehul Sodha
- Naveen Kumawat
- Pushpendra Singh
- Shikha Khator
- Stuti Nowal
- Deepak Jangir
- Yash Panchal
- Tanay Dusad
- Piyush Gandwar
- Mayur Gupta
- Dhaval Shah

Goals:

- To bring new innovative ideas and solutions to the problem statements provided by Nasa 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 Community by innovative ideas.
- People selected in Pre Qualification will be sent to the next level of hackathon where they will be competing with different zonal winners.

Boot-camps Conducted:

Jagan Institute of Management Studies

Date : 13th & 14th August 2018.

Guests:

- Sai Kiran Katapally (Founder of SUMVN)
- Ms. Priyanka
- Mr. Keshav
- Ms. Deepika Garg
- Mr. Krishna

No of students & volunteers attended: 60

The boot camps for pre-qualifier round of hackathon were conducted by the JIMS, Jaipur organizing team where our guest Mr. Sai kiran lead of Space Apps Hyderabad, introduced our students & volunteers about the event and its importance. They gave a presentation on how the event was conducted back in 2016 and 2017. They talked about how the pre-qualifier event would be conducted in the institute including the procedure to register, innovate and a few tips on how to pitch an idea and also about the impact it would create on their career.

Mr. Sai Kiran talked about their plans to start a Space Apps Community to help students interact with each other and build up their projects for the next year's challenges. It would be a technical community

which would ensure to teach students new skills and encourage them to work on their projects and ideas. They introduced the challenges of previous year on which the students worked on and gave them detailed information about the themes. The students were also made to join the interactive session where they had the opportunity to have a clear picture about the event.

About The Event

Challenges On Which The Students Worked On:

Challenges that participants worked to create solutions for the following in the Hackathon @JIMS Jaipur College

- Ideate and Create
- Our Ecological Neighborhood
- Warning! Danger Ahead!
- Planetary Blues
- The Earth and Us

No of Participants : 49

No of Teams Registered : 16

Agenda of The Event:

Date	Time	Activity
02nd Sept. 2018	8:00 AM	Gates open for Registration Process
02nd Sept. 2018	9:00 AM	Idea Pitch / Validation
02nd Sept. 2018	9:30 AM	Prototyping Starts
02nd Sept. 2018	11:00 AM	Check Point 1
02nd Sept. 2018	1:30 PM - 2.00 PM	Lunch
02nd Sept. 2018	4:30 PM	Check Point 2
02nd Sept. 2018	5:30 PM	Snacks & Coffee
02nd Sept. 2018	8:30 PM -9.00 PM	Dinner
02nd Sept. 2018	9:30 PM	Check Point 3
3rd Sept, 2018	4:00 AM	Snacks & Coffee
3rd Sept, 2018	7:00 AM - 7:30 AM	Breakfast
3rd Sept, 2018	8:00 AM	Final Check Point 4
3rd Sept, 2018	9:00 AM	Jury
3rd Sept, 2018	9.30 AM	Event Ends (Top 3 teams to be identified)

About The Event (In Detail):

The event began with formal inauguration ceremony and lightning of the lamp. After which the pitching of the ideas by the participants started. Total 16 teams were registered and participated as a part of the pre-qualifier round. During the idea 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. The mentoring was provided to students by experts on their key technologies like Web Development, Android, etc..

SUMVN team were also available there and interacted with students as 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 check points for validating the ideas of participants. There were check points at certain interval. Between each check points 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.

Members Of The Jury:

- Dr. Ruchir Saxena (Computer Science, Poddar)
- Mr. Hariom Awasthi (Computer Science, NIMS)
- Mr. Ashok Kumar Yadav (Managing Director, Shri Sai Softpro Softwares Pvt. Ltd.)
- Mr. Manish Chandra Tiwari (IT & HR Consultancy Pvt. Ltd.)

The winners were selected based on how technically sound they were, their creativity, presentation ability to define their concept work and the open data sets used by the students.

Resources Provided:

- Printing brochures and posters.
- Food (Breakfast, Lunch, Dinner, Breakfast).
- Tea and snacks.
- Electricity.
- Wi-Fi.
- Water supply.
- Faculty Mentors.
- Photography.
- Social media support.
- Transportations.
- Tags.

Results:

- The event was successful with 49 participants.
- Among 16 teams 3 top teams were selected for the next round of Nasa Space Apps Challenges - Hackathon.

Top 3 Wining Teams and their members

Team Name : JVGroup
Challenge Selected : Idea & Create
Team Members
❖ Adarsh
❖ Mohammad Umair

Team Name : Static Variable
Challenge Selected : Idea & Create
Team Members
❖ Harshit Bumb
❖ Mohit Karwa
❖ Vipin Kumar Khandelwal
❖ Shubham Khuteta

Team Name : Codejammers
Challenge Selected : Idea & Create
Team Members
❖ Approv Sharma
❖ Praveen Saxena
❖ Aditi Khandelwal

Feedback and learning points:

Mr. Santosh Jha

Dy. Director, JIMS Jaipur

Due to high material aspiration of society, the need of innovation is outmost demanded to improve the living, convenience & growth. This efforts clearly help to bring knowledge, social needs and put them into possible solution for mankind development and support.

In my opinion any innovation begins from the constraints faced or identified. The idea of putting innovators into stretched constraints environment with real time monitoring will certainly help world community to change the way society sees the human convenience today.

Coordinator:

Dr. Rustam Bora

The pre qualification Hackathon conducted at our JIMS Jaipur, college by SUMVN was a great event of creativity and creative ideas by students in exploring their innovative skill and enhancing their knowledge levels. This Hackathon event has taken the thought process of participants to the next level of generating creative ideas and motivating them to work on it by challenging their limits.

Dr. Jitendra Rathore

The youth are powerhouse of innovation backed by technological prowess. The mega event provided a perfect platform for them to unleash and showcase their talent. The hackathon tests their abilities and pushes, encourages and motivates them to break psychological barriers and make things happen.

Event Glimpses

