



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
M. G. AVENUE, DURGAPUR- 713209, WEST BENGAL



MATHS N TECH CLUB

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Respected Sir,

The complete event report of the Nasa Space Apps Challenge hosted by Maths N Tech Club (MNTC) at National Institute of Technology, Durgapur on 8th September 2019 is attached with this letter. The event report summarizes the list of organizing team, number of volunteers provided, number of teams registered along with number of participants on the event day. It also has a detailed schedule and how the event proceeded throughout the day with the list of resources provided by the organizing team for conducting this event successfully. It was our pleasure to host an event of such standard and we are proud to say that the event was organized successfully without any issues.

Thanking you

Subhansu Mohanty

(General Secretary)





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MATHS N TECH CLUB

NASA SPACE APPS CHALLENGE EVENT REPORT

NASA SPACE APPS CHALLENGE (Pre-Qualifier round)

About the event:

The Nasa Space Apps Challenge is a global collaboration platform focused on space exploration that takes place in 250 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. The Pre Qualifiers event for the grand finale is conducted in form of Hackathons in leading colleges across the country.

Date: 8th September 2019

Location: National institute of technology, Durgapur

Organizers:

Faculty coordinators:

- Dr.Anita Pal
- Dr.Semma sarkar
- Dr.Sarit Maitra

Organizing team:

- | | |
|---------------------|------------------|
| • Piyush Jain | • Aadarsh Shaw |
| • Subhransu Mohanty | • Manish Awasthi |
| • Hariharan Prakash | • Prachi Sharma |
| • Satantra Tiwari | • Ambica Agarwal |
| • Shankar Ray | • Arpan |
| • Samriddhi Gupta | • Sayanti Dey |
| • Satantra Tiwari | • Saddam Ansari |
| • Dishant Bole | • Jayant Mishra |

No. Of volunteers: 50

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GOALS:

- To bring forth 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
- People selected in Pre-Qualification will be sent to local level of Hackathon where they will be competing with different zonal winners.

On The Event Day

Some of the Topics from the 19 listed topics on which students worked on:

1. Designing an autonomous free flyer
2. Developing a sensor to be used by humans on mars.
3. To know when the next rocket launch is.
4. Artify the earth
5. Spot that fire
6. To present about bennu

No. Of participants present on the day: 119

No. of teams registered: 39





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SCHEDULE OF THE EVENT DAY:

Schedule for Hackathon Day

8:30 AM - 10.00 AM	Gates open for Registration Process
10:00 AM - 11:30 AM	Introduction of the judge and facilitation followed by an Interactive Talk Show Regarding problems on engineering life, career and beyond.
11:30 AM - 2.00 AM	Final Stage Prototyping and presentation Build up. Parallely Judge will visit every table.
2:00 PM -2.30 PM	Lunch
2:30 - 3.00 PM	Top 9 team will be chosen for Pitching and demonstration in front of the whole house
3:00 PM - 4.30 PM	Pitching and demonstration will start. 5 Minutes for presentation and 3 minutes for Q/A.
4:30 PM - 4:45 PM	Coffee break
4:45 PM - 5:30 PM	Certificate Distribution and winner facilitation
5:30 PM - 6:00 PM	"Make yourself Industry ready" By Mr. Arijit Hajra, CEO, Think Again Lab.

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ABOUT THE EVENT (In Detail):

The event began with an introduction of the judge and an interactive talk where the questions of the participants were addressed. After the introduction, pitching started. Upto 39 teams were registered and participated as a part of the pre-qualifier round. Each team pitched their ideas on the chosen topics in form of presentation, videos and models.

9 teams were chosen from these 39 teams to present their ideas before the participants, judges and the organizing team. They were given 5 minutes to present their ideas. Top 3 teams from these 9 teams were selected by the jury and awarded. The remaining participations also got Token of appreciation for participating in the event. The winners were selected based on their technical knowledge, creativity and their presentation skills.

Resources Provided:

- Printing brochures and posters.
- Food, coffee and snacks.
- Electricity.
- Wi-fi.
- Water supply.
- Student volunteers
- Photography.
- Social media support.
- Certificates.

Results and conclusion:

- The event was successful with 120 participants.
- Among 39 teams 3 top teams were selected for the next round of the local level of Hackathon.
- The winners were given prizes and certificates as an appreciation for their sincere efforts. Winners will also be taking part in next level, where they will be competing with winners from other colleges and zonal winners.

