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Kharghar, Navi Mumbai - 410 210.

Date:3/10/2019

NASA SPACE APP CHALLENGE EVENT REPORT

Nasa Space App Challenge (Pre-Qualifier Round)

Concept: The Nasa International Space App Challenge is a collaborative event lead by NASA conducted in different cities all around the world to bring out solutions for everyday problems using open source technologies. It's a hackathon conducted amongst colleges where students pitch their ideas and innovations to solve problems in the society. Nasa leads this global collaboration along with a number of government collaborators and over 100 local organising teams across the globe.

Date:	1th October 2019
Duration :	24 hours
Location:	Saraswati College of Engineering, Plot number 46, Sector 5, behind MSEB Substation, Kharghar.
Convenor :	Dr. Manjusha Deshmukh
Event coordinators:	Prof. Vaishali Jadhav
Faculty Coordinators:	Prof. Shanti Selvam Prof. Sunil Jankar Prof. Chetan Thakur Prof. Shraddha Subhedar Prof. Sujata Bhairnallykar Prof. Rajashree Narwade Prof Nilesh Patil

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Organising Team:	Ranjeet Pandey
	Shubham Bhaye
	Viraj Patil
	Kedar Chavan
	Shraddha Patil
	Vijay Kumawat
	Divya Verma
	Prajakta Mahadik
	Mahendra Gaikar
	Prashant Bhore
	Akash Salunkhe
	Prasad Salunkhe
	Srushti Thavi
	Soumya Shetty
	Akash Bhadrige
	Aditya Surve
	Bhushan Jadhav
	Soham Haware
	Dhanraj Kakade
	Rahul Yadav
	Rohit Shirudkar
	Sagar Chavan
	Vedang Warange
	Vikas Gaddam
	Pritesh Parmar
	Mihir Samel
	Anup Rajmane
	Shubham Patil
	Mayur Shingle
	Kartik Ghuge
	Pallavi Bhosale
	Enoch D'Mello
	Aniket Dangle

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	Divyank Singh Amit Dubey Parimal Sawant Shivam Nirmal
Number of Volunteers :	37
Goals:	1. To encourage students to know about Hackathon culture and take active participation in real time issues or problems using NASA open data. 2. To bring forth the innovative ideas and solutions to the problem statements provided by Space Apps Team. 3. Students selected in Pre Qualification will be sent to local level of Hackathon to compete with different Zonal winners.
Number of participants:	204
Number of Teams registered	58
Agenda of the Event :	

Sr. No.	Session	Time
1	Registration	8.30am-9.30am
2	Inauguration	10.00am-11.00am
3	Introduction to NASA Space Challenge	11.15am-11.30am
4	Team introduction and Elevator pitching	11.30am-1.00pm
5	Lunch	1.00pm-1.45pm
6	Working on ideas	1.45pm-3.45pm
7	Mapping and processing of data	3.45pm-4.45pm
8	Fun Session	4.45pm-5.00pm
9	Mentoring	5.00pm-7.00pm

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10	Break	7.00pm-7.30pm
11	Second evaluation	7.30pm-9.30pm
12	Dinner	9.30pm-10.15pm
13	Networking and Prototyping	10.15pm-11.45pm
14	Closing ceremony	11.15pm-12.00pm

About the event :

The event began with the mentors giving a talk to the participants about the event. This was followed by the elevator pitch where all the registered teams who were given 4 minutes to pitch their ideas.

This was followed by lunch break after which the students had to work on their ideas with mentor. The mentor provided support wherever needed. The mentors were from various background like cloud computing, web application development etc. The participants gained the knowledge talking with them. The mentors too appreciated their efforts.

The fun session rejuvenated the students. This was followed by second round of scrutiny where the tea was served. 3 to 5 minutes were given to explain their work until then.

The final the pitching session was conducted where 5 teams were selected from the zone which ended the hackathon . The winners were selected based on how technically sound they were, their creativity and the open data sets used by the students.

Members of the Jury:	Mr. Muhammad Mushraf Ms. Puja Tak **Faculties from SCOE** Dr. Sunil Rangari Prof. T. Z. Quazi Prof. Madhukar Sorte Prof. Mr. Baviskar D. D Prof Diksha Kumar Prof. Suhasini Parvatikar
Members of the Mentors:	Mr. Santoshkumar Nigam Mr. Sudhakar Jadhav Ms. Sayali Patil Ms. Jyoti Kotaru Ms. Priyanka Sonavane

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Resources provided :	• Printing brochures and posters • Food (Lunch, dinner and breakfast) • Tea and Snacks • Electricity • Wi-fi • Water Supply • Faculty In charges • Photography • Social media support • Transportations • Certificates

Results:

1. The event was highly successful with 204 participants
2. Among 58 registered Teams, **5 teams** were selected for the next round of the local level of Hackathon.
3. The winners were chosen for NASA Space Apps 2019 , Delhi.

"NASA Space App Challenge Pre-qualifier Round 2019"- Winner Details-(Selected for National Level Hackathon) are as follws

Sr No	Group Members	Title of Project	College
1	Mitesh Sanjay Metha Adarsh Shriram Pednekar Shubham Rajendra Padale Raj Jagdish Parab	VCare AI	Saraswati college of Engineering & Bharti Vidyapeeth college of Engineering
2	Apurva Pol Chetna Egral	3D object Modelling using Augmented Reality	Saraswati college of Engineering
3	Prathamesh Tambe Mony Suradkar Tushar Lute Ameya Mallya	Design and fabrication of advanced mine detection and Defusing robot	Saraswati college of Engineering
4	Vishakha Rajendra Shete Rachana Rammchandra Khond Prarthana Prakash Sinde Jyoti Chandrakant Turai	Cladding Tile	Sharad Institute of technology, Kolhapur
5	Rushda Sarguroh Mohammad Zeeshan Jagirdar Imran Saiyyed Alsiya Ghawte	Human Rescue Robot	M. H. Saboo Siddik College of Engineering, mumbai

Feedback and Learning points:

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Our students has got good exposure to the real time scenarios by attending the pre-qualification Hackathon organised at our college.

On behalf of my SCOE team , the 24 hour Hackathon gave a new wholesome experience with a fruitful accomplishment. A great responsibility was given to the volunteers and organising committee. The presence of honorary judges gave the success to the event.

Convenor:

Dr. Manjusha Deshmukh :

The event Hackathon by NASA Space App Challenge conducted at our college was very useful to our students in exploring their innovative skills and enhancing their knowledge levels.

Event Coordinators:

Prof. Vaishali Jadhav

NASA Space App challenge 2019 organised by SCOE is a great platform for our students to interpret their ideas into prototypes and develop into products and also to explore business model of the prototypes. Such Hackathons are a great opportunity to the students for exhibiting their creative talent. These should be regularly held to make students aware of their environment and problems existing around us.

Future development:

1. To support the students selected to the next round of Space Apps Hackathon by providing relevant mentors and technical experts.
2. To host similar Hackathon to bring out the talents and also increase the Hackathon culture in the state.

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