NASA SPACE APP CHALLENGE EVENT AT
HERITAGE INSTITUTE OF TECHNOLOGY , KOLKATA

Space Apps is an international hackathon that occurs over 48 hours in cities around the world. Part of the Open Government Partnership, Space Apps is an annual event that pulls citizens together regardless of their background or skill level. The Pre-qualifiers for this grand finale are now being conducted in the form Hackathons in leading Colleges across the country. The winning teams of the pre-qualifiers will be invited to New Delhi for the final 48 hour hackathon to be held during where **NASA** will give Specific Challenges to be solved. The NASA Space Apps Challenge prequalifier was being organized at Heritage Institute of Technology as a local lead in association with SUMVN, a startup based out of Hyderabad.

Nasa Space App Challange (Pre-Qualifier)

Date: 15-16th September 2018
Venue: Heritage Institute of Technology

ORGANIZERS:
Coordinators at Heritage Institute of Technology:
Administration
- Prof. Nirmalya Prasun Nayak
- Mr. Arvind Srivastava

Technical Person
- Mr. Debasish Karmakar

Volunteers:
- 25 students are selected form 2nd, 3rd, and 4th year B.Tech students of Heritage Institute of Technology. These 25 students are divided into different groups as stated below.
- **Anchoring team** - To anchor the whole event.
- **Promotion team** – Took the responsibility to spread the message about this event and outreach.
- **Social Media team** - Took the responsibility for continuous updates and promotion on social media like twitter handle, blogs, Facebook page, etc.
- **Hospitality team** - Took the responsibility to receive and refreshment of the guests /mentors /judges.
- **Logistics team** - Took the responsibility to coordinate with participants and organizers to manage food, house-keeping, technical issues and other general queries of the participants.

Heritage Institute of Technology
(An Autonomous Institute under MAKAUT, WB)
(An Initiative of Kalyan Bharti Trust)

994 Madurdaha, Chowbaga Road, Anandapur, P.O.: East Kolkata Township, Kolkata - 700 107
Phone: +91-33-6627-0600/0609/0614/0622 ● Fax: +91-33-2443-0455 ● E-mail: admin@heritageit.edu
www.heritageit.edu

Total Number of Participants Registered : 454

Total Number of Teams formed: 100

HOSPITALITY & All LOGISTIC SUPPORT:

Heritage Institute of Technology was the hospitality partner for hospitality , refreshment , Lunch and Dinner of all the 454 participants, mentors and Juries. All the prize winners' medals were sponsored by Heritage Institute of Technology. At every part of the event student volunteers and management of Heritage Institute of Technology worked very hard to make the event successful.

Schedule for Hackathon Day

DATE	TIME	SCHEDULE
15th September, 2018	8.00 – 9.15 AM	REGISTRATION & TEA
15th September, 2018	9.15 – 10.00 AM	INAUGURAL CEREMONY
15th September, 2018	10.00 – 11.00 AM	TEAM INTRODUCTION & ELEVATOR PITCHING
15th September, 2018	11.00 – 1.00 PM	WORKING ON IDEAS
15th September, 2018	1.00 – 2.00 PM	LUNCH BREAK
15th September, 2018	2.00 – 4.00 PM	MAPPING AND PROCESSING ON IDEA
15th September, 2018	4.00 – 6.00 PM	MENTORING AND 1ST ROUND OF EVALUATION
15th September, 2018	6.00 – 6.30 PM	TEA BREAK
15th September, 2018	6.30 – 8.30 PM	NETWORKING AND PROTOTYPING
15th September 2018	8.30 – 9.30 PM	DINNER BREAK
15th September 2018	9.30 – 12.30 AM	VALIDATION OF IDEAS
16th September 2018	12.30 – 1.30 AM	FUN SESSION
16th September 2018	1.30 – 3.30 AM	2ND ROUND OF EVALUATION
16th September 2018 PRESENTATION	3.30 – 7.00 AM	REFINEMENT AND FINAL PREPARATION OF
16th September 2018	7.00 – 8.00 AM	FRESH UP

16th September 2018	8.00 – 9.00 AM	BREAKFAST
16th September 2018	9.00 – 10.00 AM	FINAL PREPARATION OF PRESENTATION
16th September 2018	10:00 AM	SUBMISSION OF SOLUTION
16th September 2018	10.30 – 1.00 PM	FINAL PITCHING AND JUDGEMENT OF TOP TEN
TEAMS		
16th September 2018	1.00 – 1.30 PM	CLOSING AND AWARD CEREMONY

Inauguration :

- **Madiha Ahmed,** a dreamer and doer, a lifelong learner and a global citizen, presently residing in Kolkata inaugurate the 24 hours pre-qualifier Nasa Space App challenge.

JURIES:

- **Vatsala Khetawat** , the director at Heera Metals worked as Business Analyst to CEO of Mahindra AeroSpace from June 2016 to August 2016. She done her Aerospace engineering Intern at NASA Ames Reseach Institute as INTERNATIONAL PARTNERSHIPS which included: Partnership development between NASA Ames Research Center in California and Technical University of Denmark (DTU) in Copenhagen and MISSION DESIGN CENTER, To conduct a feasibility assessment to include a gravity tractor capability within a kinetic impactor mission design for planetary defense, as a part of a project called the 'NEOShield: a Global Approach to Near-Earth Object Impact Threat Mitigation' funded by the European Union.

- **Sabyasachi Mukhopadhyay** , the Co-Founder & Chief Research Officer (CRO) of Twelit MedTech Pvt.Ltd. He completed MS in Physical Sciences from IISER Kolkata (Govt. of India) with IISERK fellowship in 2015 as a topper of MS by Research program. He is also a B.Tech graduate in Electronics & Communication Engg (ECE) from WBUT, July 2012. Before his entrepreneurship activities in Twelit and Rootalpha, he served as a Scientist at NanoScope Technologies. Recently he has been declared as 'Kolkata Lead of Facebook Developer Circle' where he is actively involved to promote developers, innovators for creating 'Tech Startup Ecosystem' in Kolkata. He is also an ambassador of 'REDX Community For Eastern India', an MIT Media Lab initiative to solve the significant social challenges within our communities. His healthcare venture Twelit and automation venture Roovx were ranked as 'Top 400 Startup' by Govt. of India and IIM Kolkata at Smart Fifty Programme.

WINNERS OF THE PRE QUALIFIER :

Team No.	Members	Phn no.	Position
27	Adil Rahman	9681685485	1st
	Aanisha Gupta	9830422621	
11	Arunava Chakraborty	7890815302	2nd
	Aman Gupta	9079013989	
	Adrish Dey	8159054134	

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		Rajat Gupta	7003274873	
80		Pragnya Prusty	8598973456	2nd
		Ankur Murarka	7044171066	
45		Wasim Akram	7908530743	3rd
		Aditi	8862911771	
		Debam Saha	9874371246	
		Avishek Biswas	7003084315	
51		Mayank Srivastava	9007763245	3rd
		Varun Chowdhury	8229939502	
100		Niwesh Gupta	9051040157	
		Shuvam Manna	9874480363	
		Piyush Maheswari	9549705206	
		Nikhilesh Chandak	9982164515	

Arvind Srivastava

Jt. Registrar
Joint Registrar
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