

The NASA Space Apps Challenge India was a collaborative hackathon as a part of NASA's Incubator Innovation Program conducted in several cities around the world to bring out solutions to exciting challenges of Earth and Space. The hackathon employed several open source technologies. The hackathon gave the participants a chance to bring their projects to life for a wide range of applications. The winning team from the round at Galgotias University will be invited to the 48-hour long finals on 18th of October.

**Date:** 15th & 16th September

**Duration:** 24 hours

**Venue:** Galgotias College of Engineering and Technology

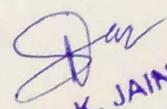
### University Organizing Team

#### Delhi Leads:

- Darshan Baid
- Shweta Jha

#### Organizing Committee:

- Earthson Xavier
- Shourya Mehrotra
- Shweta Jha
- Ashutosh Singh
- Shivam Singh
- Sarthak Jain
- Vishwa Shukla
- Deepanshu Goyal
- Gautam Arya
- Awwab Tausif
- Niharika
- Harsh Chandani
- Tanmay Shukla
- Swetank
- Anubhav Singh
- Simran
- Mohd Rehan
- Sneha Sakshi



**Dr. A. K. JAIN**  
DEAN  
Students Welfare  
Galgotias University  
Uttar Pradesh

- Bakhtawar Parvez
- Priyansh Mishra
- Ayush Upadhyay
- Ankur
- Tanul Rai
- Anindita Chaki
- Abhishek Anand
- Akarsh Baliyan
- Nishant Saxena
- Kartik Saxena

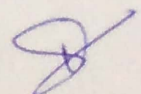
**Volunteers: 95**

### **Goals:**

- To bring out students from their monotonous life of classroom and books and make them solve real life problems.
- To build the hackathon culture among students and encourage team work.
- To encourage students to think and try solving problems instead of looking through the books for solutions
- Qualifying students in the local round shall compete against other zonal winners across India.

### **Participating Colleges:**

1. Galgotias University
2. Galgotias College Of Engineering & Technology
3. Shiv Nadar University
4. Greater Noida Institute of Technology
5. Guru Tegh Bahadur Institute of Technology
6. Maharaja Surajmal Institute of Technology
7. Maharaja Agrasen Institute Of Technology
8. University of Delhi
9. Dr. Akhilesh Das Gupta Institute of Technology & Management
10. Noida Institute of Engineering & Technology
11. University School of Information, Communication and Technology
12. Guru Jambheshwar University of Science and Technology
13. Krishna Institute of Engineering and Technology
14. Mata Sundri College for Women
15. Dyal Singh College
16. Manav Rachna International Institute Of Research And Studies
17. Arya Institute of Engineering & Technology, Jaipur
18. HMR Institute of Technology & Management
19. Amity University
20. Aravali College of Engineering And Management
21. Guru Gobind Singh Indraprastha University





22. Meerut Institute of Engineering and Technology, **Meerut**
23. Institute of Management Studies, **Ghaziabad**
24. ABES Institute of Technology
25. Bhagwan Parshuram Institute of Technology
26. Jamia Millia Islamia
27. Sharda University
28. Jaypee Institute of Information Technology
29. Vivekananda Institute of Professional Studies
30. Netaji Subhas University Of Technology
31. JIMS Engineering Management Technical Campus
32. Zakir Husain College of Engineering and Technology, **Aligarh**
33. Delhi Public School, RK Puram

**Number Of Registered Teams: 210**

**Shortlisted Teams: 75**

## Agenda

S.No	SESSION	TIME	VENUE
1	Registration	9:00am to 10:00am	E-Block Desk
2	Inauguration	10:00am to 10:30am	D-Block Audi
3	Ideation Phase	10:30am to 12:30pm	E-Block Labs
4	Mentorship	11:00am to 12:30pm	E-Block Labs
5	Lunch	12:30pm to 2:00pm	Mess/Buffer
6	Mapping Challenges	2:00pm to 2:30pm	E-Block Labs
7	1st Evaluation	2:30pm to 4:30pm	E-Block Labs
8	Snacks + Music Session	5:30pm to 6:30pm	E-Block
9	Dinner	8:30pm to 9:30pm	Mess/Buffer
10	Challenge+Fun Sessions	12:00am to 2:00am	E-Block CR
11	2nd Evaluation	3:00am to 8:00am	E-Block Labs
12	Breakfast	7:00am to 8:30am	Mess/Buffer
13	Final Judging of top 20 teams	10:00am to 2:00pm	D-Block Audi
14	Concluding Speeches	2:00pm to 3:00pm	D-Block Audi

## About the Event:

The event began at 9am with inauguration speech from Shweta Jha, Delhi Lead followed by detailed description of the event by Katapally Saikiran, India Lead. During the speech, participants were informed about the several challenges and how they are gonna tackle them. They were also detailed about the benefits of winning the hackathon.

After inauguration, participants were followed to D Block Labs where they did confirmed their registrations and received the ID Cards and were allotted their respective labs. They started working on their projects from 11am.

Participants were able to interact with the mentors from SUMVN, Script Foundation and AliAs and get their valuable inputs and validate their ideas.

After the lunch, ideas of all the teams was mapped with challenges provided to them. This was followed by 1st Evaluation where each team was given 3-5 minutes to pitch their idea and their working methodology. The Evaluation points were given on the following basis:

- The Idea
- The Technicalities
- The Presentation
- The Business Model


Several fun activities like Band Performance were held in the evening to relax the students from continuous workload. An interactive music session was also held by the Music Club of Galgotias University at midnight in the common rooms. The activities also involved several challenges on Twitter where participants had to post a photograph with hashtags of #GalgotiasUniversity and #SpaceAppsIndia.

After the second evaluation, the top twenty teams were selected for final presentations in front of the Jury. These teams were given 5-7 minutes to present along with a 1 minute question round.

The final presentation was followed by thank you speech from the second Delhi Lead, Darshan Baid. The jury were then invited to present their views of the hackathon after which the winning team were announced and awarded.

## Jury:

1. Katapally Saikiran, Space Apps India Lead, Founder, SUMVN
2. Prof. (Dr.) Avadhesh Kumar, Professor CSE, Dean Planning & Chief Proctor, Galgotias University
3. Prof. (Dr.) Arvind Kumar Jain, Professor Chemistry & Dean SBAS, Galgotias University
4. Prof. (Dr.) B Priestly Shan, Professor & Dean SEECE, Galgotias University





## 5. Keshav Tiwari, Space Apps India Lead

### Winning Teams

Among the top 20 teams, 4 qualified for the India finals:

1	HackNASA	Guru Tegh Bahadur Institute of Technology	40.25 pt
2	Exun Clan	Delhi Public School, RK Puram	39.60 pt
3	TechArmy	Krishna Institute of Engineering and Technology	39.00 pt
4	Hypnos	Amity University	34.75 pt

The top team with at least 2 girl participants were awarded the Special Best Girls Team Prize

1	Androit	Krishna Institute of Engineering and Technology	33.25 pt
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The top team from Galgotias Education Institute were awarded the Best Host Team Prize, a cash prize of Rs. 11,000.

1	Bucks	Galgotias University	32.25 pt
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### Prizes

- Wolfram Alpha Award Letter to all members of top twenty team. Each worth \$375.
- Icons8 annual all access license to top 4 teams & winners of twitter contest. Each worth \$399.
- Rs. 11,000 Cash Award to Best Host Team.

### Partners / Sponsors

**Organizing Partners:** SUMVN & KGS

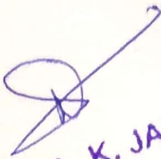
**Community Partner:** Google Developers Group, New Delhi

**Sponsors:** Icons8, ZEIT, Wolfram, Script Foundation, Commudle, Fresca, Monster Energy India.

### Achievements

1. The hackathon gave participants a platform to learn from each other. Several students of Galgotias University had a first time experience.
2. **#GalgotiasUniversity** was trending in India on twitter. This feat is one of a time and was achieved for the first time.
3. The Student Council gained further experience of organizing highly technical events and gained contacts with industry experts.

4. After interacting with winning teams, we learned about their working technologies and how they learn innovative methods in their college.



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