We are pleased to inform you that NIT is going to Host the **"NASA International Space App Challenge 2019 Hackathon" in association with "Thinkagain Educational Services LLP" on 21st of September 2019 which is 8-hours long On-Site Hackathon**. You are requested to participate in the day long summit. **As a part of developing an industry-academia linkage, kindly encourage students to participate in the said programme.**

About NASA International Space Apps Challenge 2019:

The NASA Space Apps Challenge is a global collaboration platform conducted across 250 cities around the world. The Space Apps challenge brings together ideas from students, designers, start-ups, working professionals, research scholars and domain experts on one common platform.

Road Map:

Institute Level Hackathon:
Think Again Lab will be conducting NASA International Space Apps Challenge 2019 in different institutes (Think Again Lab is selected as Eastern India Lead for conducting these hackathons). From every institute top 3 teams will be selected for the next state-level challenge.

State Level Hackathon:
Winners from every institute will compete for the state level hackathon. Top 3 winners from here will be representing West Bengal as a complete state.

National Level Hackathon:
From every state top, 3 students will select for national-level challenge. This challenge will be held either at Delhi/Bangalore/Hyderabad. From this level, the top 3 teams will be selected for the next level. All problems statements in this hackathon will be given by NASA.

International Level Hackathon:
From the national level challenge, top3 students will be selected to do this challenge. This will take place online. The selected winners will be Globally recognized by NASA Space Accelerator.

Domain of hackathon:
1. ARTS
    a. Painting (Space, New Life, New Possibilities)
2. Science
    a. Model Making Competition
3. Technology

a. Machine Learning
b. Internet of Things
c. Robotics
d. AR/VR

Teams:
Students per teams: minimum 2 maximum 4

Students Benefits:
The participants shall get an opportunity to be part of one of the biggest human endeavour to seed innovation, get connected with innovators around the world, network with mentors and scientists. All participants including those who participate in organization hackathon will get a participation certificate from NASA. The winners in organization hackathon will get a winner's certificate.

Venue:
Narula Institute of Technology
81, Nilgunj Road
Kolkata 700109

Date: 21/09/2019

Registration link:

For JIS Group college students :
http://bit.ly/NASASACILHNITJISWDIS: for 2/3 students team
http://bit.ly/NASASACILHNITJISFTWDIS: for 4 students team

Other than JIS Group college students (Rs 500/- per student):
http://bit.ly/NASASACILHNITJISFTWD: For 4 students team
http://bit.ly/NASASACILHNITJISWD: for 2/3 students team
All student must bring your college i-card on 21stof September 2019.

Contact:
Kaushik Sarkar : 9831007884
Dr. Dhananjay Tripathi: 9681685501

Way to participate in NASA Space Apps Challenge 2019 Hackathon

1. Every group will be given the problem statement via email 2 days prior the event.
2. Over there the group can find around 10-15 different problem statements.
3. Now each group can pick up a single problem statement and can solve it using any domain: web, app, robotics, ML, AR/VR, painting or model (Domain selected by the group itself).
4. Every group needs to be prepared with their solution (ideation & basic prototyping for their solution) before the event day.
5. On the day of the event the groups need to assemble (assembling of the solution: Final prototyping) everything and show it during the judgment time.
6. We will select nine teams after assessment. They have to pitch there idea and demonstrate their solution infront of the whole house.
7. We will choose three teams out of them as winner for Institute level hackathon.

Rules & Regulations:

1. No group is allowed to complete their solution from home: or else that particular group will be disqualified.
2. The groups need to prepare just a basic prototyping & ideation of the project before the event. During the event they need to complete the final prototyping of the solution.
3. Each group should have minimum 1 laptop.
4. Groups choosing "Painting" should bring their own colors, drawing sheet will be provided by us.

5. Groups choosing hardware domain (Robotics, IoT) should bring their own hardware with them.

6. The dataset for AI/ML, AR/VR will be provided in the problem statement set itself.

7. The power supply will be provided on the day of event itself.

You can check out spaceappindia.org for any references regarding the National Hackathon.