SIH 2022

Dear Students,
Greetings!
Students of VIT Bhopal are encouraged to take part in "Smart India Hackathon 2022 (SIH 2022)."
It is one of the Government of India's National Hackathon Project Competition, It is one of the pride events in which you can participate to solve a problem to win the project competition. This year 5th edition is launched. Nationwide issues relating to society, rural life, environment, industrial solution, etc. have been established those are already listed on the web portal. You can pick to provide the technical ideas, methodology, and software/hardware solutions to any one of the problems.
Link to pick your Problem Statement
https://sih.gov.in/sih2022PS

Note: You are also allowed to take any of the challenges or problems related to the societal application of a similar one and provide the solution. However, only one such team is permitted from VIT Bhopal for the final participation of the national level.

More Details:
https://www.sih.gov.in/

Important dates:
Jan 28th, 2022 the registration process has been started. The last date of students' submission of the project details on March 30th, 2022 along with the bonafide letter.

Guidelines to Students:
1. Students should format six members team. Out of six members, one student must be a girl.
2. Students need to submit the project details inclusive of objective, idea, methodology, feasibility study, and conclusion in a softcopy.
3. Students need to select one project leader among them.
4. Students can solve the problem without a mentor / Mentor from the same institute/mentor can be chosen from another institute/mentor can be chosen from the industry as well.
5. March 19th & 20th 2022, First level selection based on the presentation. (Top 25 teams are selected)
6. March 26th & 27th 2022, Second level selection based on the presentation & Demonstration. (Top 15 teams are selected)
7. Before March 30th all the selected teams are permitted to upload the project details along with the bonafide certificate. (Note: Students need to get a bonafide certificate from

the university while submitting the project).

The below given Google Form is kindly requested to fill by Project Team Leader on or before 5th March 2022. (Note: For each project only one entry)
https://forms.gle/Ei5ydKWp5bhXjh2Z6

The remaining other details are communicated through mail periodically. For any queries please do mail to sih@vitbhopal.ac.in

aditya.verma2020@vitbhopal.ac.in Switch account

Draft saved

Your email will be recorded when you submit this form

* Required

Name of the Project *

SMOG PURIFY TOWER

Project Leader: Reg Number and Name *

20BAI10240-ADITYA KUMAR VERMA

Project Leader: Contact Number *

7007624338

Team Members Detail (Reg and Name) *

20BAI10187-ROBIN BHATI
20BAI10118-ADESH PRAMOD YADAV
20BAI10019-NAKUL GEHLAUT
20BCE10240-YASHI SAXENA
20BCE10557-SHANTANU KASANA

Problem Statement is form SIH Portal Or Your Idea *

⦿ SIH Portal

◯ Own Idea

Problem solution is provided using: *

◯ Software

◯ Hardware

⦿ Both Software & Hardware

Please mention detailed Problem Statement . *

Nowadays, one of the biggest problems we face is related to pollution. The air we breathe has a great impact on our health. We have to reduce smog in our cities. What is smog? Smog is a yellowish or blackish fog formed mainly by a mixture of pollutants in the atmosphere, which contains fine particles and ground-level ozone. Smog, which occurs mainly because of air pollution, can also be defined as a mixture of various gases with dust and water vapor. Basically, our model purifies the air of the smog present in it.
After being filtered, the clean air is returned to the environment without the smog particles. Furthermore, more waste can be collected in a flask and could be treated or processed into an unharmful substance.

Good Luck

A copy of your responses will be emailed to aditya.verma2020@vitbhopal.ac.in.

Submit

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