

ક્રમાંક:મઉમશબ/સંશોધન/2022/2121-56

ગુજરાત માધ્યમિક અને

ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ,

સેક્ટર-10 બી, જૂના સચિવાલય પાસે,

ગાંધીનગર. તા.28/03/2022

પ્રતિ,

જિલ્લા શિક્ષણાધિકારીશ્રી, (તમામ)

ગુજરાત રાજ્ય.

વિષય:- All India Council for Technical Education (AICTE) has launched

"Smart India Hackathon(SIH)- 2022"

સંદર્ભ:-શિક્ષણ વિભાગ,સચિવાલય, ગાંધીનગરના પત્ર ક્રમાંક:પરચ/122021/GOI/

15/ વ.2, તા.16/03/2022

ઉપરોક્ત વિષય અને સંદર્ભદર્શિત પત્રથી મળેલ Department of School Education & Literacy, Ministry of Education Government of india ની તા.03/03/2022ના પત્રક્રમાંક: F.10-12/2020-Sch.4 ની નકલ બિડાણ સહિત આ સાથે સામેલ રાખી મોકલી આપતા જણાવવાનું કે, "Smart India Hackathon(SIH)- 2022"માં શાળાઓના ધોરણ-6 થી 12ના વિદ્યાર્થીઓને 'SIH જુનિયર (jr) અંતર્ગત ભાગ લેવા માટે રજીસ્ટ્રેશન કરવા માટેની સૂચના આપવામાં આવેલ છે.

ઉક્ત પત્રના અમલવારી અંગે યોગ્ય કાર્યવાહી હાથ ધરવા આપના તાબાની તમામ માધ્યમિક અને ઉચ્ચતર માધ્યમિક શાળાઓને જરૂરી માર્ગદર્શન અને સૂચના આપશો..



સંયુક્ત નિયામક

ગુજરાત માધ્યમિક અને

ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ,

ગાંધીનગર.

બિડાણ: ઉપર મુજબ

નકલ સવિનય રવાના:-

- માન. અધ્યક્ષશ્રી ગુ.મા. અને ઉ.મા.શિ. બોર્ડ, ગાંધીનગર.

નકલ રવાના:- (જાણ સારું)

- સેક્શન અધિકારીશ્રી, શિક્ષણ વિભાગ, વ- 2 શાખા સચિવાલય, ગાંધીનગર.

अनीता करवल, भा.प्र.से  
सचिव

Anita Karwal, IAS  
Secretary

D.O. No. F.10-12/2020-Sch.4

Dear School Education Secretary,

Ministry of Education's Innovation Cell (MIC) in coordination with All India Council for Technical Education (AICTE) has launched Smart India Hackathon (SIH) 2022 and this year we also want our school students to participate by submitting innovative ideas and concept.

2. In the last 5 years, SIH has evolved into the world's Largest Open Innovation Model to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and problem-solving mindset. Moreover, Hon'ble Prime Minister of India has applauded the SIH initiative on multiple occasions which has helped to kick-start the hackathon culture in India. The previous editions of SIH have proven to be extremely beneficial for the students of higher education institutes in establishing startups and employment opportunities in various organizations.

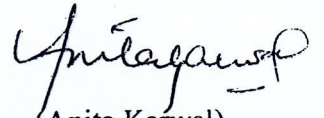
3. Keeping the spirit of doing better year on year, this year SIH-2022 welcomes the participation from school students (6<sup>th</sup> to 12<sup>th</sup> Class) under SIH Junior (Jr.) track. Single Point of Contact (SPOC) registration for the school faculty is now open on the SIH Portal ([www.sih.gov.in](http://www.sih.gov.in)). The SPOC can nominate school student teams against various themes including Toys, Healthcare, Smart Education etc. available on the official website of SIH-2022. The other details related to SIH Jr. Category can be checked in the attached annexure A.

4. SIH-2022 will enable students to get hands-on experience and will motivate them to emerge as problem solvers and innovators. Hence, I would request you to take necessary steps to encourage Principals of all schools in your State/Union Territory to ensure sincere and wholehearted participation of their students in SIH-2022.

5. For further queries, Dr. Mohit Gambhir, Director, Innovation cell may be contacted through email [mohit.gambhir@gov.in](mailto:mohit.gambhir@gov.in) or phone 011-29581225.

Best wishes

Yours sincerely,

  
(Anita Karwal)

To

1. The School Education Secretaries of all the States & UTs.

124 'सी' विंग, शास्त्री भवन, नई दिल्ली-110001

124 'C' Wing, Shastri Bhawan, New Delhi-110001

Telephone: +91-11-23382587, +91-11-23381104 Fax : +91-11-23387589

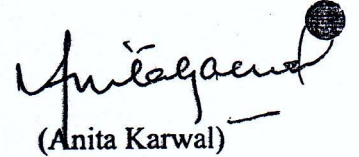
E-mail: [secy.sel@nic.in](mailto:secy.sel@nic.in)

605/15/22  
- 14/03/2022



Copy to:

1. The State Project Directors, Samagra Shiksha, of all States & UTs
2. The Directors, SCERT of all States & UTs
3. Chairman, CBSE, for similar necessary action in respect of CBSE schools
5. Commissioner KVS, for similar necessary action in respect of KVs
6. Commissioner NVS, for similar necessary action in respect of JNVs
7. Director NCERT, for similar action in respect of DM schools
8. Chairman, AICTE, Ministry of Education, New Delhi
9. Additional Secretary, Higher Education, Ministry of Education, New Delhi
10. CIO, Innovation Cell of Ministry of Education, New Delhi
11. Director, Innovation Cell of Ministry of Education, New Delhi
12. Prof. Anjum Sibia, Head, Manodarpan Cell, NCERT



(Anita Karwal)

Secretary, Department of School Education & Literacy,  
Ministry of Education,  
Government of India

**Annexure - A**  
**SMART INDIA HACKATHON 2022**  
**Guidelines and Process flow for SIH Jr.**

**ABOUT SIH JUNIOR 2022:**

This year SIH-2022 moves to its next level and welcomes the participation from schools (6<sup>th</sup> to 12<sup>th</sup> Class) to contribute in the nation building initiative. This is an Open Innovation Student category in which students can give ideas against the pre-defined 16 Themes. The SPOC can nominate school student teams against various themes available on the official website of SIH-2022.

**THEMES FOR SIH 2022 Jr.:**

1. Renewable/sustainable energy
2. Block chain and Cyber Security
3. Smart education
4. Disaster Management
5. Smart Automation
6. Heritage and Culture
7. Med tech/biotech/health tech
8. Agriculture, food tech and rural development
9. Smart vehicle
10. Transportation and logistics
11. Robotics and drones
12. Clean and green energy
13. Tourism
14. Smart Vehicle
15. Toys
16. Miscellaneous

**MODE OF HACKATHON:**

1. Pre-screening and Finale Evaluation will be organized through Online Mode.
2. **Winning Teams will be felicitated at the physical Nodal Centers across India**

**LINK:**

**[www.sih.gov.in](http://www.sih.gov.in)**

**SCHOOL REGISTRATION:**

1. **School REGISTRATION is open on the website till 31<sup>st</sup> March 2022**, Any school can nominate their teams through the portal. **This SIH Junior hackathon is for Class 6<sup>th</sup> to Class 12<sup>th</sup> students**
2. **SPOC (Single point of contact)** is the person (Principal/Vice Principal/Registrar/Any senior faculty nominated by principal) who will represent the school and carry out the

registration process. They can nominate a maximum of **10 teams per school under 16 Themes (displayed on the website).**

3. **Each team nominated by the SPOC can have a minimum of at max 3 members (including the team leader).** Each team can have their max 2 team mentors (optional) (These could be teachers/parents/industry expert)

#### **TEAM FORMATION:**

- A team can be formed of **1 student to 3 student (at max); 2 Mentors (optional) (can be teachers/parents/industry experts)**
- It is recommended to have at least one female member to be the part of the team.
- All students should be from the **same school**. Intra-school teams are not allowed.
- **Team Name** should be unique and not contain the name of their institute in any form.

#### **WORKING ON PROBLEM STATEMENT:**

**Open innovation:** Teams can work on any Problem Statements of the 16 themes available on the websites. Students can come up with their own model based on these themes.

**Submission of Ideas:** The SPOC then register the teams selected, on the SIH portal along with the following details:

- Team Name
- Name, gender, Email id, Mobile No. of team leader and all other Members
- Chosen Problem Statement and its proposed solution with a title, description & presentation PDF.
- School authorization letter

This registration process is open till 31 March 2022.

#### **PROCESS AND TIMELINES SELECTION CRITERIA & EVALUATION**

1. Idea Submission – 31<sup>ST</sup> March 2022
2. Pre-Screening Evaluation – From 1<sup>st</sup> April 2022
3. Grand Finale Evaluation – May/June 2022 (tentative)
4. Felicitation of Winners at Nodal Centers (Valedictory) – July 2022

The proposed solutions are evaluated by experts on points like the novelty of the idea, complexity, clarity, detailed document, feasibility, practicability, and sustainability, the scale of impact, user experience, and potential for future work progression.



### **Mentoring and Evaluation Sessions:**

- During the mentoring session the team members interact with the judges and representatives from the organizations gaining valuable feedback on the progress of their work and how can it be improved.
- The evaluation session in the evening is the time when the teams give a presentation of their application and answer the jury's questions.

Each team had a scheduled time slot of approx. 10-20 min for each of these sessions conducted via web conference.

For the final evaluation session, the teams had to give a complete walkthrough of their application/prototype developed during this hackathon and also submit a final presentation document.


### **PRIZES:**

- Three winning team for every theme will be posted on the portal.
- 3 Winning Teams for each theme and Prize Money is Rs. 25000/-

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જિલ્લા શિક્ષણાધિકારીની કચેરી,  
ઓ/૩, જિલ્લા સેવા સદન-૨,  
અઠવાલાઈન્સ, સુરત  
Web : suratdeo.org  
Email : suratdeo@gmail.com  
તા. ૩૦/૦૩/૨૦૨૨

આ સાથે સામેલ પત્ર અન્વયે આપની કક્ષાએથી નિયમાનુસારની કાર્યવાહી કરવા સારું...

  
જિલ્લા શિક્ષણાધિકારી  
સુરત, જિલ્લો-સુરત

પ્રતિ,  
આચાર્યશ્રી,  
તમામ માધ્યમિક અને ઉચ્ચ.માધ્યમિક શાળાઓ તરફ...,  
સુરત, જિ.સુરત