



# केन्द्रीय माध्यमिक शिक्षा बोर्ड

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

## CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation Under the Ministry of Education, Govt. of India)



CBSE/DIR.(SE&T)/ATL/2022

09.03.2022

Circular No. Acad-37/2022

All Heads of institutions affiliated to CBSE

**Subject: The Atal Tinkering Lab (ATL) Marathon 2021-2022**

Atal Innovation Mission has launched its flagship Innovation Challenge for school children of India - The Atal Tinkering Lab (ATL) Marathon. The ATL Marathon is a national level innovation challenge, where students identify community problems of their choice and develop innovative solutions in the form of working prototypes.

This year we celebrate the resilience, diversity and achievements of India as we begin the 75<sup>th</sup> year of Independence. To commemorate this special year, ATL Marathon will draw inspiration from developing a New India with the innovation and creativity of the young minds of our country.

The themes for ATL Marathon this year are – Healthcare & Nutrition, Education, Energy & Transportation, Social Inclusion. The students of India voted on problem statements that they most relate to, to jointly curate the final 8 problem statements under the above 4 themes.

Last year, over 16,000 students participated in the Marathon and submitted their innovations. The top 300 teams went on to intern with AIM's corporate partners via a 'Student Internship Program'. The Top 10 teams from each state and UT also received certificates of excellence. This year there are more award categories as well.

This competition is open to all students of India (ATL School and non-ATL School) and is an excellent way to develop and hone an innovation mindset amongst the students. Through this competition students research, ideate, innovate and finally implement their solutions over a period of 4 months to eventually benefit their community, region and in turn, the country.

The Principals of all affiliated schools are requested to encourage their students to participate in large numbers and become a part of India's innovation journey.

Please refer to the attached document for more details about ATL Marathon.

Link for participation - <https://innovate.mygov.in/atl-marathon-2021/>

  
(Dr. Biswajit Saha)

Director (Skill Education and Training)

Encl: Details about ATL Marathon along with the brochure of the programme



'शिक्षा सदन', 17 राऊज़ एवेन्यू, इंस्टीटूशनल एरिया, नई दिल्ली-110002  
'Shiksha Sadan', 17, Rouse Avenue, Institutional Area, New Delhi – 110002





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**Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:**

1. The Commissioner, Kendriya Vidyalaya Sangathan, 18, Institutional Area, Shaheed Jeet Singh Marg, Delhi - 110016
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida - 201309
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi - 110054
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh - 160017
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim - 737101
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar - 791111
7. The Director of Education, Govt. of Andaman & Nicobar Islands, Port Blair - 744101
8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini.
9. The Secretary, Sainik Schools Society, Room No.101, D-1 Wing, Sena Bhawan, New Delhi-110001
10. The Additional Director General of Army Education, A – Wing, Sena Bhawan, DHQ, PO, New Delhi – 110001
11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt – 110010
12. The Secretary, Eklavya Model Residential Schools (EMRS), Ministry of Tribal Affairs, Government of India
13. The Chairman, Odisha Adarsha Vidyalaya Sangathan, N-1/9, Near Doordarshan Kendra, PO Sainik School Nayapalli, Bhubaneswar, Odisha-751005
14. The Deputy Secretary to Chairman, CBSE - for kind information of the Chairman, CBSE
15. All the Heads of Department of the Board
16. All the Regional Directors/Regional Officers/Head-COEs, CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions for compliance
17. Head (Media & Public Relations), CBSE
18. Assistant Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website
19. Incharge, Hindi Cell, CBSE HQ – for Hindi Translation of this notification

**Director (Skill Education and Training)**



‘शिक्षा सदन’ ,17 राऊज़ एवेन्यू ,इंस्टीटूशनल एरिया, नई दिल्ली-110002  
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## ATL MARATHON 2021-2022

This year we celebrate the resilience, diversity and achievements of India as we begin the **75<sup>th</sup> year of Independence**. To commemorate this special year, ATL Marathon will draw inspiration **from developing a New India** with the innovation and creativity of the young minds of our country.

### OBJECTIVE

The ATL Marathon is a national level innovation challenge, where schools identify community problems of their choice and develop innovative solutions in the form of working prototypes. The Marathon is based on the **'Strategy for New India @ 75'** document by NITI Aayog. This national strategy document for New India is a detailed exposition of forty-one crucial areas of national importance for achieving the objectives for a New India by 2022-23.

### TIMELINE

Last date to submit entries for the ATL Marathon 2021-2022 is **10<sup>th</sup> April 2022**.

### IMPORTANT INSTRUCTIONS FOR STUDENTS

1. Students (from ATL and Non-ATL schools) can submit their entries in the Marathon. Non-ATL schools can team up with ATL schools to participate in the Marathon.
2. The Innovations by the student teams must be aligned to one of the Themes of the ATL Marathon 2021-2022.
3. Last Date to submit entries is 10th April 2022, 11:59 PM.
4. The application for the ATL Marathon to be submitted at: <https://innovate.mygov.in/atl-marathon-2021/>.
5. The ATL Marathon 2021-2022 presented four themes and students can choose any of the below problem statements:

#### I. Education

- Innovate to create solutions to make education and learning inclusive and resilient for all children – Those with no access to devices or internet (Mobiles, Laptops, TVs), those that are in regions with extreme weather conditions, those with no access to a school (physical or virtual)
- Innovate to integrate soft skills (personality building, confidence etc.), technical skills (digital and 21<sup>st</sup> century skills) and a mindset of innovation in the curriculum for schools/ colleges to ensure students have the skillsets to become successful entrepreneurs or professionals.

#### II. Energy & Transportation

- Innovate a system that could improve rider/ driver (motorcycles, cars, trucks, and/ or any other vehicle)/citizen (people and animals on the road) safety and prevent road accidents
- Innovate solutions that reduce the carbon footprint as well as adopt climate-resilient and low-carbon strategies to enable the transition to truly sustainable India

#### III. Health & Nutrition



- Innovate solutions specifically solving problems faced by patients suffering from the most common diseases of India. You can choose a disease from this list or pick another disease to create a solution - Diabetes, Anaemia, Tuberculosis, Malaria, Typhoid or others
- Innovate to build solutions to find novel ways to address health and nutrition challenges such as malnutrition, obesity etc.

#### IV. Social Inclusion

- Innovate to create a sustainable model for financial inclusion which will help India get closer to the goal of no poverty by providing accessible and affordable financial services to all.
- Innovate to create solutions to build inclusivity in the society in terms of languages and cultures so that localised access can be made possible for information related to education, financial literacy and government policies/schemes

Work on **Any Other Problem** that the student finds around themselves, research, ideate, innovate and implement a solution for this.

6. Each team must select one Problem Statement, where schools identify community problems of their choice and develop innovative solutions in the form of working prototypes.
7. A Team may submit entries to more than one problem statement, please keep in mind that to do so you will need to fill the application form separately for each problem statement.
8. There is no limit on how many teams from a school can participate.
9. The online application form submission will include:
  - Research Document (description of the innovation/ solution)
  - Video submission (capturing a 360-degree view of the working prototype/ solution)
10. ATL In-Charge, School Teachers, Mentors of Change, Alumni and external mentors from the local ATL ecosystem may support the student teams.
11. Each Team shall consist of **maximum 3 students** (class 6<sup>th</sup> to 12<sup>th</sup>) and one ATL in-charge/ School Teacher (must be employee of the ATL School). We encourage ATL schools to also include other school and/or community students within the Team Composition.
12. **Kindly note, individual member entry is not allowed. Also if the team size exceeds 3-member limit, the entry/ submission will be immediately disqualified.**
13. The ATL Marathon 2021-2022 is for Indian students currently enrolled in school (Class VI to Class XII) both from ATL and non-ATL schools, in case your entry is selected as a finalist, the team members may be asked to provide proof in the form of a photo of your school ID-card or any other form as deemed appropriate by AIM, NITI Aayog. Failure to do so may result in your entry being disqualified.
14. **The Top 75 Teams will receive Tablets/Handheld devices as prizes. Additional prizes will also be given under different categories. Top 300 Teams will get Internships through the Student Innovator Program with leading corporates of India, certificates from AIM, NITI Aayog and many more interesting opportunities at the conclusion of the Marathon.**
15. **All participating students and teachers will get a certificate of Participation from AIM, NITI Aayog.**