CBSE/DIR./SE./AI/EDTECH/2020

Dated:22.09.2020

Circular No.:Acad-71 /2020

All Heads of Institutions affiliated to CBSE

Subject: CBSE IBM EdTech Youth Challenge India – 2020-2021

I. About the IBM EdTech Youth Challenge:

- EdTech Youth Challenge India is a competition organized by CBSE and IBM to give students an opportunity to work with experts from IBM and its partners to tackle pressing sustainability, climate, and disaster issues through the use of emerging technologies like Artificial Intelligence.

- Participation in this exciting challenge will enable students to tackle challenges and help humanity better look after our world. The results of this work can be scaled to make an impact in one's community and across India.

- Participation can be either as teams of teachers and their students competing, or an individual applying their expertise to help teams.

- Detailed below are the various levels of the challenge:

LEVEL	DESCRIPTION
LEVEL 1: AI ONLINE TRAINING	• Students undergo a 6-hour online training on AI concepts and submit their idea for a problem they wish to solve. • Top 2 ideas per school move to next level
LEVEL 2: PROJECT IDEATION	• Teams develop ideas on how they can use AI concepts for their projects and then participate in a one-day ideation session with experts from IBM and other partners to expand those ideas.
LEVEL 3: HACKATHON	• A 2-day coding event that will include approximately 100 pre-selected teams of students and teachers shall be held. Students and teachers will have an immersive experience with IBM and our partner experts to refine their projects ideas.
LEVEL 4: AI COURSE & PROJECT WORK	• The top 30 teams selected from the hackathon will have an opportunity to learn more about AI concepts and how they can apply those concepts to projects focused on climate change issues that are important to them.
LEVEL 5: FINAL APPLICATION SUBMISSION	• The top 30 teams will access the EdTech Youth Challenge website and complete their application form to submit their project proposals.
LEVEL 6: FINAL WINNERS ANNOUNCED	• All 30 finalists will be invited to attend a formal event, where 5 of these teams will be announced as the winners of the EdTech Youth Challenge India in 2021.
LEVEL 7: THE PRIZE: TWO-WEEK INTERNSHIP	• The top 5 teams will receive two-week internship as the prize for winning this competition. This competition. These internships will be with leading labs across India, with support from IBM and partner experts.

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- A precursor to the above stages of the IBM EdTech Youth Challenge is 'Generation AI', a secure online training and an ideas management platform from IBM partners. Students will be given 6 hour of online training and then will be required to submit ideas for real world challenges where AI solutions are required today, example AI for COVID, Climate, Healthcare, Water, Agriculture etc.

- The 6 hours online trainings will be conducted in each of the participating schools thereby mobilizing young talents from across the country to participate in the EdTech Youth Challenge.

- The online trainings are open for students of all streams and no coding experience is required. The trainings are aimed to inspire students to come up with solutions for global issues using AI.

- Based on strength of AI ideas submission and students' participation Top 2 ideas per school will be selected to move to Level 2: Project Ideation and will be invited to participate in a 1-day ideation session conducted by IBM experts and partners.

II. Competition Dates and Participation:

- The challenge will open for registration and entries from schools/students for Level 1 – Online training and Idea submission from **22nd September 2020 onwards**.

- Schools interested in participating in Level 1 can register on this link:
https://bit.ly/AIprogramregistration - **Deadline for registration is 05th October 2020.**

- For further details regarding the challenge and competition registration please visit:
https://www.ibm.org/edtech-youth-challenge/

III. For more queries and feedback, the schools may contact the following:

- **From CBSE**: Joint Secretary, Skill Education at jsse.cbse@gmail.com
- **From IBM:** *Mr. Saffin Mathew* at aiforclass11@gmail.com

(Dr. Biswajit Saha)
Director (Skill Education and Training)

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केन्द्रीय माध्यमिक शिक्षा बोर्ड
(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

CENTRAL BOARD OF SECONDARY EDUCATION
(An Autonomous Organisation under the Ministry of Human Resource Development, Govt. of India)

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 –791 111
7. The Director of Education, Govt. of A&N Islands, Port Blair - 744101
8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3,Rohini
9. The Additional Director General of Army Education, A–Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
10. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
11. All Regional Directors/Regional Officers of 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.
12. All Director/Heads/ In-Charges, COEs of the Board with request to disseminate the information
13. All Joint Secretary/Deputy Secretary/Assistant Secretary, CBSE
14. In charge IT Unit with the request to put this circular on the CBSE Academic website
15. The Public Relations Officer, CBSE
16. PS to Chairperson, CBSE
17. SPS to Secretary, CBSE
18. SPS to Controller of Examinations, CBSE
19. SPS to Director (Information Technology), CBSE
20. SPS to Director (CTET)
21. SPS to Director (Edusat)
22. SPS to Director (Academics) CBSE.
23. SPS to Director (Professional Exam), CBSE
24. SPS to Director (Skill Education), CBSE
25. In charge IT Unit with the request to put this circular on the CBSE Academic website

Director (Training and Skill Education)

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