CBSE/SE/IBM/2023   02.02.2023

Circular No. Skill-23/2023

The Heads of all the Institutions affiliated to CBSE

Subject: Future Tech Olympiad – To assess future tech readiness of students for a Digital India

Greetings from CBSE!

CBSE has been at the forefront of introducing future technologies to students thus enabling them to learn and develop solutions using future technologies like Artificial Intelligence (AI), Augmented Reality (AR), Virtual Reality (VR), Cyber Security, Data Science and more, through the various skill subjects and partner programs. CBSE has been making efforts to equip students to become technology leaders of tomorrow who will use technology responsibly thus supporting the Government of India's vision of Digital India which aims to transform India into a digitally empowered society and knowledge economy.

CBSE in partnership with IBM is launching the '**Future Tech Olympiad'**, to provide students an opportunity to assess their understanding of future technologies while inspiring them to learn and gain a deeper understanding of ethical and productive use of technology. This Olympiad aims to identify youth leaders of Digital India and give them further opportunities. Along with future technology skills, students will also be tested on their logical reasoning, digital literacy, analytical skills and numerical reasoning as part of the Olympiad.

Schools can choose to conduct the Future Tech Olympiad in either Online or Offline mode.

Top students of the Future Tech Olympiad will have the opportunity to win prizes like laptops, industry internships, showcase and an immersive education experience at University of California, Berkeley (UC Berkeley). Top schools participating in the Olympiad will also be felicitated.

Registration: Schools are requested to register for the Olympiad **before 15ᵗʰ February 2023** using the following registration link - **https://bit.ly/fto2023**

Please note that:

1. The program is being offered free of cost to students of all CBSE affiliated schools.
2. Students from grades VI to VIII are eligible for the program.
3. Kindly refer to the annexure for more details.
4. For any queries, please reach out to contact@flaunch.io

(Biswajit Saha)
Director (Skill Education)

Encl: Annexure – Details about the Future Tech Olympiad

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

फ़ोन/Telephone: 011-**23216963, 23214737** वेबसाइट/Website :http://www.cbseacademic.nic.in ई-मेल/e-mail: directorvoc.cbse@gmail.com.

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 Andaman & Nicobar Islands, Port Blair - 744101

8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini, New Delhi

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.

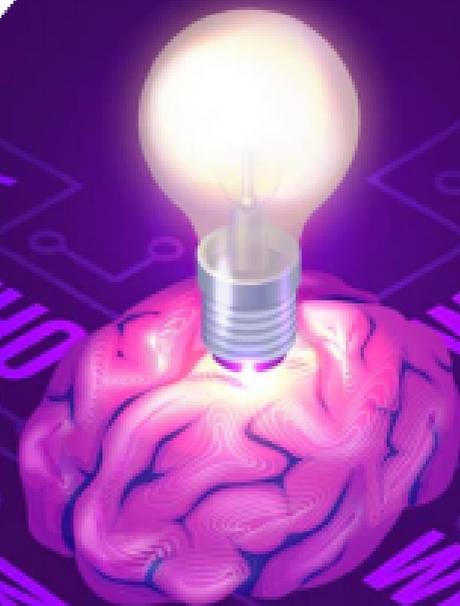19. Incharge, Hindi Cell, CBSE HQ – for Hindi Translation of this notification.

Director (Skill Education)

'शिक्षा सदन' ,17 राऊज़ एवेन्यू ,इंस्टीट्यूशनल एरिया, नई दिल्ली–110002
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Future Tech Olympiad

The Future Tech Olympiad is designed to celebrate 'Creators of Future Technologies' who will drive the world forward towards a better tomorrow by using technology responsibly. The Olympiad aims to identify competent youth leaders of Digital India who can lead us in creating a healthy digital environment and safeguard the digital world.

The Future Tech Olympiad will assess the participants on their future technology skills, logical reasoning, digital literacy, analytical skills and numerical reasoning while ultimately helping them gain a deeper understanding of ethical and productive use of technology.

The FutureTech Olympiad will provide an opportunity for the participants to comprehend, apply, analyse, synthesise, and evaluate their technological understanding as a part of a community of young learners in rural and urban India and showcase their talent at a national level.

The Future Tech Olympiad will enable you to
- Gain knowledge and exposure
- Acquire Future Tech skills
- Compete nationally
- Earn recognition and rewards
- Boost morale & confidence
- Become future-ready

Rewards

05 Certificate of Recognition

01 UC Berkeley Immersive Education Experience

02 Laptops and Headphones

03 Best Idea will be showcase at CBSE with PR & Social Media coverage

04 Chance to get internship with industry partners

07 The best performing school will be specially felicitated at a high level national event

06 The best performing teacher-in-charge will win an opportunity to be felicitated at a high-level national event and will be given global opportunities in Silicon Valley, USA

Process Flow

02
Screening Round

School can conduct an MCQ based test on any convenient day between 15th & 31st Jan 2023

Online or Offline format
Result be shared on 5th Feb, 2023.

04
Beta Level

Selected students from previous round will need to create campaign in your School/Online using the posters to educate parents or community

Last date to submit the report is 15th Mar

06
Result

Results will be declared by 1 st April 2023

01
Registration

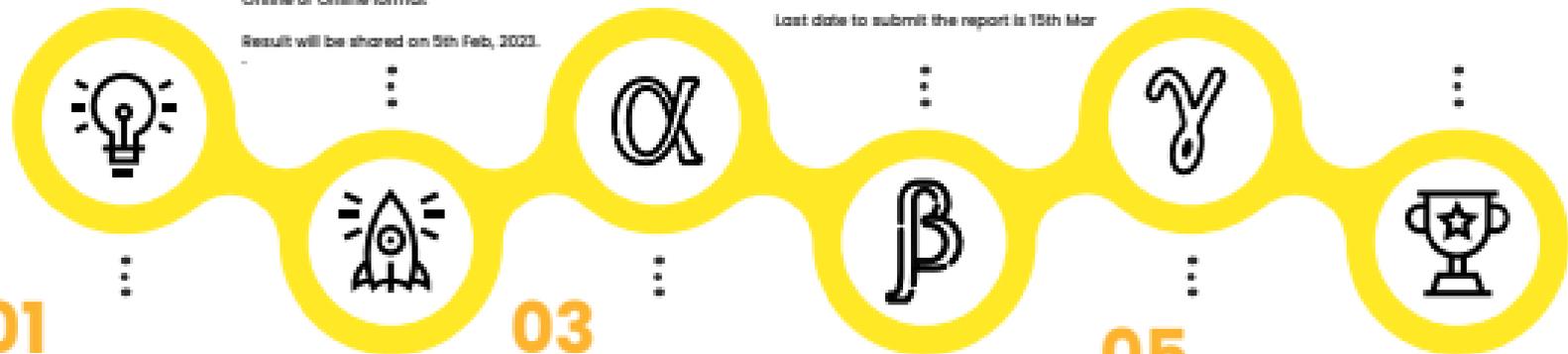School can register till 31 January 2023

03
Alpha Level

Selected students will work on to create E-Poster/Poster and write-ups on any of given topic.

Last Date of submission is 18th Jan.
Result will be shared on 24th Feb.

05
Gamma Level

Selected entries for final round will create a presentation to showcase your campaign work during 20th – 25th Mar.

Registration

School Registration process

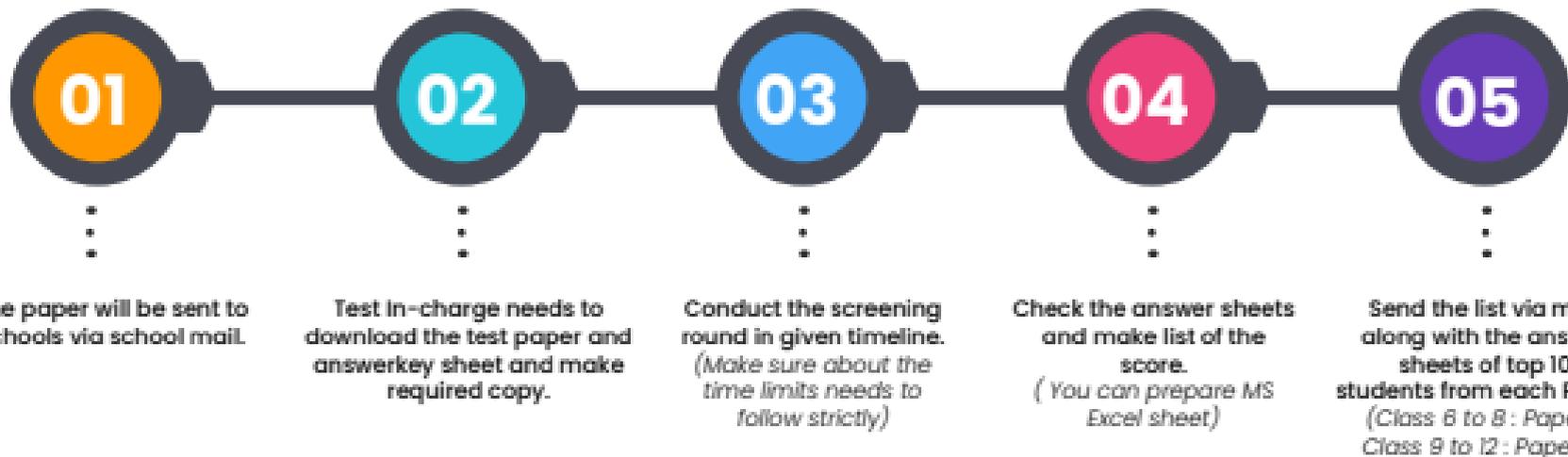| Step 1	Step 2	Step 3	Step 4
Visit the official page for Olympiad exam registration: *https://bit.ly/fto2023*	Fill in the basic details such as School Name, Principal Name and Contact No. Teacher In-charge & Contact No. School Address, etc.	School can prepare list of participants and fill of 'Student Detail form' Please double-check that all information.	Click on the button that says "Submit".

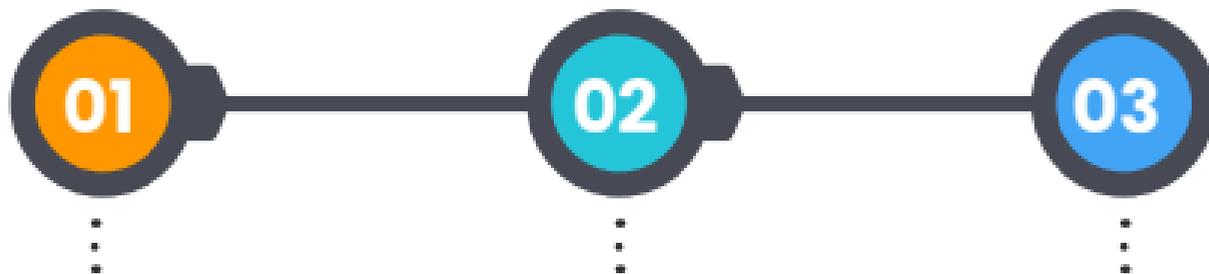SCAN THIS QR

Process Flow

Steps to conduct Offline Mode Test

01

The paper will be sent to schools via school mail.

02

Test In-charge needs to download the test paper and answerkey sheet and make required copy.

03

Conduct the screening round in given timeline. *(Make sure about the time limits needs to follow strictly)*

04

Check the answer sheets and make list of the score. *(You can prepare MS Excel sheet)*

05

Send the list via mail along with the answer sheets of top 10 students from each Papar. *(Class 6 to 8 : Paper I, Class 9 to 12 : Paper 2)*

Process Flow

01

02

03

Go to the link
(will be shared on registered Email-Ids)
and login.

Attempt the test
*(make sure that you complete
within time frame)*

Once you complete the test don't
forget to click the **Submit** the answer.

Process Detail

Mode : Online and Offline

There will be 40 MCQs, students needs to attempt

Paper 1 : Class 6th to 8th

Paper 2 : Class 9th to 12th

Topics will be covered in the test.

- Mathematics
- Science
- Logical Reasoning
- Digital Literacy (Awareness, Vocabulary)
- Digital Etiquette (Security, Ethics)
- AI, AR-VR, DC

Process Detail

Selected Students from *Screening round* will move to next *Alpha Level.*

Alpha Level	Group Task

Team of min. 2 members and max. 4 members

Team can choose any technology along with theme of subject and prepare project around it.

TEAM

- Artificial Intelligence
- Digital Citizenship
- Augmented Reality (AR)
- Virtual Reality (VR)

- Team to make a E-Poster/s or Poster/s on DC/AI/AR-VR topics.
- Write up on the importance of DC/AI/AR-VR.

Process Detail

Selected Students from *Alpha Level* will move to next *Beta Level.*

Beta Level	Group Task

------- *Team of min. 2 members and max. 4 members*

• **Create a campaign in your School/Online using the posters to educate parents or the community about DC/AR-VR/AI.**
• **Conduct DC/AR-VR/AI awareness surveys.**

Report campaign execution on DC/AR-VR/AI topics - PDFs/Videos/Images

Evaluation Criteria: Concept, Scope, Applicability, Creativity,

Process Detail

Selected Students from *Beta Level* will move to next *Gamma Level.*

Gamma Level	Group Task

- - - - - - - - - - - - - - - - -

Team of min. 2 members and max. 4 members

Create a presentation to showcase your campaign work.

Submit the campaign as a presentation on Flaunch, and a pitch video

Evaluation Criteria: Presentations, Pitch

Thank You