

FutureTech Olympiad

Report-Future Tech Olympiad
(First Edition)

Date: February-May 2023



**1 MILLION
1 BILLION**

Activating leaders,
Empowering communities





FutureTech Olympiad

About Future Tech Olympiad:

The Future Tech Olympiad is more than just a competition; it is a celebration of the "Creators of Future Technology" – the students and teachers who serve as responsible netizens and guardians of a safe and secure cyberspace for all. Designed to identify competent leaders in Digital India, the Olympiad aims to foster a healthy digital environment by assessing participants on their basic cognitive skills, future technology skills, and ethical use of technology.

The Olympiad provides a unique opportunity for participants to comprehend, apply, analyze, synthesize, and evaluate their technological understanding within the community of young learners in both rural and urban India. It serves as a national platform for showcasing talent, contributing to the collective effort of building a future-ready digital nation.

Process Flow

01

Registration

School can register from 12th Dec 2022 along with participating students details.



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 20th Jan.
Result will be shared on 24th Jan.



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 about.

Last date to submit the report is 25th Jan to 1st Feb, result will be shared on 5th Feb.



05

Gamma Level

Selected entries for final round will create a presentation to showcase your campaign work on 8th to 12th Feb.



02

Screening Round

School can conduct an MCQ based test on any convenient day between 19th Dec to 7th Jan, 2023

Online or Offline.

Result will be shared on 12th Jan, 2023.

06

Result

Results will be declared on 12th of Feb 2023.

Olympiad Highlights - Classes 6th – 12th

Screening Round: MCQs-Based Test:

The journey began with a rigorous screening round, testing the participants' foundational knowledge through a set of Multiple-Choice Questions (MCQs).

Over 35,000 students from 600+ different schools participated in this initial phase, showcasing the widespread enthusiasm for technology.

SCREENING ROUND

Over 35,000 Students from 600 + schools

Alpha Level: Problem Identification and Immersive Tech Solutions:

Approximately 5000+ students who excelled in the screening round moved on to the Alpha Level. Here, teams collaboratively identified real-world problems and curated solutions using immersive technologies. The outcome included vibrant E-Posters, Posters, and detailed write-ups reflecting their innovative solutions.

ALPHA LEVEL

5,000+ Students

BETA LEVEL

400 Students

Beta Level: Video Presentations on Immersive Tech Solutions:

Around 400 students demonstrated their prowess by transforming their solutions into compelling video presentations at the Beta Level. This phase emphasized effective communication and the ability to articulate complex ideas in the realm of future technologies.

GAMA LEVEL

50+ students – 22 teams

Gamma Level: One-to-One Presentations to Judging Panel:

The pinnacle of the Olympiad, the Gamma Level, featured 50+ students in 22 teams presenting their projects one-on-one to a distinguished judging panel. This level of scrutiny allowed for an in-depth evaluation, highlighting technical excellence and practical applications of immersive technologies.

Stages Highlights

Innovative Projects:

Participants presented a diverse range of projects spanning AI, biotechnology, sustainable energy, and more, showcasing a deep understanding of current challenges and a commitment to innovative solutions.

Robotics Showcase:

The robotics competition featured autonomous robots designed for tasks from disaster response to industrial automation, showcasing the integration of robotics into daily life.

AI-driven Solutions:

AI took center stage with applications in healthcare, finance, and smart cities, demonstrating the potential of machine learning and neural networks in addressing complex problems.

Green Technologies:

Sustainability was a recurring theme, with a focus on eco-friendly solutions, from renewable energy sources to waste management systems.

Virtual Reality and Augmented Reality Displays

Immersive experiences through VR and AR displays were demonstrated for applications in education, training, and entertainment.



RESULTS

Out of the Gamma Level presentations, following four exceptional teams emerged as winners, recognized for their outstanding innovation and problem-solving skills

Name of School	State	Students Name	Class Group
Bhavans Vidya Mandir Eroor	Kerala	Riyan Davis Priyansh Nair	Class 6 to 8
St. Mary's School, Dwarka	Delhi	Nakul Arora Swastik Vashisht	
Krishna Public School International	Chhattisgarh	Arunav Gupta Rounak Mishra	
Gyan Bharati School	Delhi	Pritha Chawla Aarna Wadhawan	Class 9 to 12

CONCLUSION

The Future Tech Olympiad 2023 was not just a competition; it was a transformative journey for participants, emphasizing responsibility, ethical innovation, and the limitless possibilities of technology. As we look to the future, the Olympiad's showcased ideas and projects serve as beacons of inspiration, illustrating the potential of technology to address global challenges and improve lives worldwide. The event celebrated not only advancements but also the spirit of responsible and ethical innovation, shaping the future of technology and creating a path towards a digitally empowered India.



Insights from Future Tech Olympiad Participants




Student voices on Future Tech Olympiad

During the Future Tech Olympiad, we have learned the valuable skill of identifying problems within society and creating innovative solutions. Notably, our Honorable Prime Minister has taken significant steps in the realm of immersive technology, and this Olympiad represents a commendable stride in that direction.



Rounak Mishra
Krishna Public School International, Chhattisgarh



Student voices on Future Tech Olympiad

We are grateful for the opportunity to showcase our skills and talent on the national stage through the Future Tech Olympiad. Our appreciation goes to WTB and IBM for organizing and conducting this Olympiad.



Arunav Gupta
Krishna Public School International, Chhattisgarh

Finalists' Virtual Project Presentations

Problem Statement

- Healthcare is a critical aspect of our lives.
- Traditional healthcare systems often face challenges in terms of accessibility, efficiency, and patient experience.
- We believe that technology can revolutionize the healthcare industry and make it smarter, more convenient, and sustainable.

Do you believe that traditional medical systems lack the necessary tools to provide the best patient?

Semi-Autonomous Electric Vehicles

S.A.E.V - A Revolutionary Solution

EPOCHS- Environmental Perspective-Oriented Cleaning Hyperefficient Systems

EPOCHS is a vehicle that is designed with a digger to collect garbage from a specific area, ensuring there is no human contact.

The collected garbage will be segregated into biodegradable and non-biodegradable garbage inside the vehicle itself.

Gallery



Insights from Future Tech Olympiad Participants



Student voices on Future Tech Olympiad



The Future Tech Olympiad was an enlightening experience where I learnt about the various skills that we need as students to become technologically advanced individuals for our future. The various rounds of this competition gradually incorporate ICT and its applications that gives us a first hand experience in developing contemporary ideas that can incorporate artificial intelligence in full strength.

Aarna Wadhawan

Gyan Bharati School, Delhi



Student voices on Future Tech Olympiad



The Future Tech was an enlightening and educational experience that facilitated me to work hard and broaden my knowledge of AI. Thank you to the IMT for this wonder Olympiad.

Pritha Chawla

Gyan Bharati School, Delhi



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