

TECHNIKA

Annual STEM Fest

2022 edition

On - 12th oct 2022

Cambridge School Indirapuram



Rules

- Last Date of registration is September 30,2022.
- Registration links :- <https://linktr.ee/technika2022>
- Our website :- <https://technika2022.me/>
- Students are advised to fill the registration form as soon as possible as the submission window for online prelims opens on October 2, 2022.
- Students should avail this opportunity to display their novelty and ingenuity and should not resort to any unfair means and plagiarism.
- Decisions of the judges would be final and binding.
- Certificates/trophies would be awarded, and exciting prizes (including vouchers and goodies) for the winners.
- All results will be declared on October 12,2022 in the Closing Ceremony itself.
- Prelims of most of the events would be online on our discord server :- <https://discord.gg/Jn3YnQhVA8>
- Our email id :- technikacsi2022@gmail.com.
- Any updates regarding the events would be announced in our discord server itself.
- Teacher in-charge are requested to be present for the offline event(s)
- Students who are selected for finals would be informed via e-mail/Discord announcement.

Incrypt-X

No. of Teams:- ∞

No. of participants per team:- 1

Eligibility:- Open to all

Rules:-

- Cross-teaming is not allowed and is subject to immediate disqualification.
- DDOSing is forbidden.
- Hints and lead confirmations will take place via the discord server.
- The hunt will commence on October 6, 2022 at 00:00 and conclude on October 7, 2022 at 00:00.

Music Production

No. of Teams:- 1

Number of participants per team:- 1

Eligibility:- 9th-12th

Rules:-

- The participants must bring their own laptops/devices.
- Any DAW can be used, at the participant's convenience.
- Vocals would be given to the participants and they will have to make a beat accordingly.
- Both the vocal notes and BPM would be provided by the organisers.

Gaming

No. of Teams:- 1

Number of Participants per team:- 2

Eligibility:- 9th-12th

Rules:-

- Prelims will be held online through the medium of discord.
- The game details will be released on the discord server therefore the participants are advised to be updated and active on the server.
- The second round i.e. the final round will be held offline and the participants are to bring their own devices for the same.
- It will be on console

Web-D

No. of Teams:- 1

No. of participants per team:- 2

Eligibility:- Class 8th-12th

Rules:-

- The event will be held in 2 rounds
- Prelims would be held online through submission via mail while the results would be shared on the discord server itself.
- Teams will have to make a website showcasing the launch of a new shoe brand. It doesn't necessarily need to have a checkout page or the items list
- The project files will have to be sent to technikacsi2022@gmail.com by 08 Oct'22
- The qualifying teams will take part in the second round which will be held offline
- The teams will have to make websites showcasing the given topic in the given time limit.

Programming

No. of Teams:- 1

Number of Participants per team:- 2

Eligibility:- 9-12

Rules:-

- Prelims would be held online on Hackerrank
- The prelims would commence on 06 Oct'22 from 9:00 a.m. to 11:00 a.m.
- Finals would be held offline.
- The format of the question would be of competitive program type.
- No cross-teaming is allowed.
- All the languages supported by Hackerrank are allowed.

BLENDVID.AVI

No.of Teams per institution:- 1

No.of Participants in a team:- 1

Eligibility:- Classes IX-XII

Rules:-

- Usage of Plugins is allowed but any use of templates is prohibited.
- File should be submitted in ".mp4" format.
- Any song/music is allowed to be used irrespective of it being copyrighted or non-copyrighted.
- Software allowed- Adobe Premiere Pro, Adobe After Effects
- Further Instructions will be given on discord
- The prelims submissions would close on 08 Oct'22 at 00:00

Digital Imaging

No. of Teams:- 2

No. of Participants:- 1

Eligibility:- VIII-XII

Instruction for Prelims:-

Participants will have to design an advert on the topic “War and Peace”.

Instructions for Finals:-

Topics and details will be provided on the spot

Rules:-

- Participants are required to use some specific images (discord server) provided in their prelim's entry.
- Use of templates is prohibited.
- Finals would be held offline, details would be provided in our discord server
- Participants need to upload the PSD, along with JPEG or PNG on any cloud storage (Google Drive/Dropbox) and email the link to technikacsi2022@gmail.com by 12 midnight, October 5th.

The Grid Clash

No. of Teams:- 1 team per school

No. of Participants:- 2

Eligibility:- IX- X

Rules:-

- There will be two rounds in the event.
- For prelims, each team will have to solve a sudoku puzzle within minimal time.
- The teams qualifying in the prelims will face each other in a crossword round in the on-stage finals.
- The clues in the finals will be based on 'Mathematicians and their contribution to the field of Mathematics.'
- Participants must have proper knowledge of historical events related to mathematics- ideas, inventions, and discoveries made by prominent Mathematicians.

Math Show-Biz

No. of Teams:- 1 team per school

No. of Participants:- 3

Eligibility:- IX- X

Rules:-

- Each team will have to choose a topic connected to an elementary or secondary level mathematical concept and prepare a creative enactment explaining the mathematical concept and its relevance in daily life using props.
- Students would then encounter the burning questions of the rival teams, the answer to which would be according to their understanding of the topic.
- The time limit for the enactment is 3-5 minutes. Exceeding the time limit would result in negative markings.
- Plagiarism should be avoided strictly as it would lead to disqualification.

Treasure Hunt

No. of Teams:- 1 team per school

No. of Participants:- 2

Eligibility:- XI- XII

Rules:-

- Each team should consist of a participant from each class (XI and XII).
- Each team will be given a clue in the form of a question.
- The answer to the question will form a number consisting of specific digits.
- Using the digits, they will have to decode a word using the key provided.
- The word so formed will lead to the next clue. Further, the team that can decode all the clues first will be declared the winner.
- The questions will be syllabus based.

Relay Rush

No. of Teams:- 1 team per school

No. of Participants:- 4

Eligibility:- IX-XII

Rules:-

- Each team should consist of a participant from each class (IX, X, XI, and XII).
- In each round, all students of the same standard will solve a common question.
- There will be 8 rounds in total- 2 for each standard.
- The scoring will be on the basis of the time taken to solve the question.
- The final score of the team will be the cumulative score of individual participants.
- The team with the highest cumulative score wins.
- The questions will be syllabus based.

Quizotron

Number of Teams:- 2 per school

Number of Participants:- 1 per team

Eligibility:- IX-X & XI-XII

Rules:

- The event is divided into 2 parts - Prelims and Finals. The quiz will be held separately for IX-X and XI-XII in both prelims and finals.
- For prelims, the theme will be based on weightlifting. The participants get to select how difficult questions they want to get, how much “weight” they want to lift. The participants get 3 chances in total to lift their “desired weights” and can increase them.
- For finals, the theme will be based on football 1v1. One team will first get a question, and if they aren’t able to answer in 3 seconds, the opposing team gets a chance to answer the same question by pressing the buzzer. A single team will have 5 questions to answer.

Ponder Realms

No. of Teams:- 1 per school

No. of Participants:- 2 per team

Eligibility:- IX-XII

Rules:-

- There will be two rounds for the event - Prelims and Finals.
- The topics for both rounds will be related to a science topic.
- Teams will be given a topic 3 days prior to the event day. They will have 2 days to prepare a paper regarding the topic. The submission should be made in the form of a word file. Qualified teams will be informed to join the finals.
- For finals, there will be 3 separate sub-rounds. For each sub-round, the teams will be given a topic on the spot followed by a 10-minute informal session for the teams to discuss. The teams will be allowed to use the internet only for the duration of informal sessions to research the topic.
- Each team will be allowed to express their opinions on the given topic, maximum of 90 seconds per turn, the teams can also cross-question each other regarding their opinions.
- For internet access, kindly bring your own devices with internet services

Ideation

Number of Teams:- 1 per school

Number of Participants:- 3 per team

Eligibility:- VI-VIII

Rules:-

- Participants will have to design and present a product that they think could thrive in the current market.
- The theme of the prelims will be shark-tank based. The prelims will happen 10 days prior to the event day. For the same, a PowerPoint presentation file will have to be presented and can include what they deem necessary.
- The presentation should include the problem they are attempting to solve, how their idea/system combats the target problem, developmental procedure, budget allocation, etc.
- Further Instructions will be given on discord

Scicathon

Number of Teams:- 1 per school

Number of Participants:- 2 per team

Eligibility:- XI-XII

Rules:-

- There will be two rounds in this event - prelims and finals.
- For prelims, each team will be given three subjective questions that are related to the current problems in the world and science. The teams will be required to write the solutions to the questions in a total span of 45 minutes.
- For finals, there will be a viva-voice round. Each team would be required to give a unique question to answer verbally. While the first participant from the team answers the initial question, the next participant would be required to answer the on-spot question built up upon the answer given by the first participant.

Reflect Persona

Number of Teams:- 1 per school

Number of Participants:- 2 per team

Eligibility:- IX-XII

Rules:-

- The participants will be given names of famous personalities.
- A team will be given 2 scientists - 1 for each participant - on which they have to research in the given duration of 15 minutes with internet access.
- Each team will be required to devise a new combined theory of the scientists assigned.
- For the final round, the participants would have the limitation of only debating with the theories they formed in the previous round by taking the help of pre-existing theories. They will then be arguing against an assigned opponent team.
- For internet access, kindly bring your own devices with internet services

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<https://discord.gg/Jn3YnQhVA8>

<https://linktr.ee/technika2022>

<https://technika2022.me/>