



**DELHI PUBLIC SCHOOL, ROHINI**

*presents*

**XINO 2025**

**Annual Tech Symposium**

6 November 2025 - 13 November 2025

the **12th** edition

Offline Event Date-13 November

# XINO'25

Building on a legacy of excellence and guided by the spirit of innovation, **XINO — the Innovation and Technology Club of Delhi Public School, Rohini** — takes great pride in inviting you to the 12th edition of its annual inter-school technology symposium, **XINO 2025**.

The event is being organized **in collaboration with Junoon (the Photography Club)** and **AutoMeta (the Robotics Club)** and will be conducted in **hybrid mode**.

XINO 2025 aims to provide a distinguished platform for students to demonstrate their creativity, technical acumen, and problem-solving abilities. This year's symposium features **14 meticulously designed events** across diverse domains, including design, development, programming, robotics, photography, and more.

We look forward to witnessing spirited participation, innovative ideas, and a celebration of technology at its best.

**Regards,**  
**Team XINO**

*May the Source be with you.*



# GUIDELINES

1. The event will be conducted in **hybrid mode**. Please refer to individual event details for specific format information.
2. The organizers reserve the right to disqualify any school on grounds of inappropriate behavior or the use of unfair means.
3. The decision of the judges will be final and binding.
4. The host school's participation will be non-competitive in all events.
5. All participants must join the event's official Discord server.
6. Kindly ensure that all registration forms are accurately and completely filled out by **11:59 PM on 5 November 2025**.
7. Electronic devices (phones, laptops, etc.) must be carried with due permission from the participant's school, if required. The host school will not be responsible for any participant's personal belongings.
8. For any queries, reach out via the Discord server or contact us at **xino@dpsrohini.in**.
9. The top two schools with the highest scores, based on the points table, will be declared the Overall Winners and Runners-Up, and will be awarded trophies.
10. All submitted projects/code must be the original work of the participating students. **Plagiarism will lead to immediate disqualification.**
11. **All important links may be found at [https://linktr.ee/xino\\_7](https://linktr.ee/xino_7)**



# EVENTS

Event Name	Participants/team	Eligibility	Mode	Points
<b>X</b> quisite (Creative)	4	IX-XII	Hybrid	150/100/50
<b>X</b> clamation Point! (Group Discussion)	1	IX-XII	Hybrid	125/100/75
<b>eX</b> ecute.eXe (Competitive Programming)	1	VIII-XII	Hybrid	125/100/75
<b>X</b> clusive (Surprise)	2	IX-XII	Hybrid	125/100/75
<b>techX</b> ult <b>Sr.</b> (Sr. Quiz)	2	XI-XII	Hybrid	100/75/50
<b>techX</b> ult <b>Jr.</b> (Jr. Quiz)	2	VIII-X	Hybrid	75/50/25

# EVENTS

Event Name	Participants/team	Eligibility	Mode	Points
<b>XCube 3x3</b> (3x3 Cubing)	1	Open	Hybrid	75/50/25
<b>XCube 2x2</b> (2x2 Cubing)	1	Open	Hybrid	75/50/25
<b>XCube PyraminX</b> (Cubing - Pyraminx)	1	Open	Hybrid	75/50/25
<b>XCrypt</b> (Cryptic Hunt)	1 <i>∞ teams/school</i>	Open	Online	-
<b>autoTrack</b> (Fastest Line Follower)	2	VIII-XII	Offline	100/75/50
<b>autoCognito</b> (Machine Learning)	2	VIII-XII	Online	75/50/25
<b>XPosure</b> (Photography)	2	IX-XII	Hybrid	75/50/25
<b>XFrame</b> (Filmmaking)	4	IX-XII	Online	75/50/25



CREATIVE

**Eligibility:** IX-XII

**No. of participants per team:** 4

**No. of teams per school:** 1

**Mode:** Hybrid(Online prelims + Offline Finals)

**The classic event that converges entrepreneurship, development, and design into a striking event.** To address the problems of tomorrow, we need to ideate solutions for today. Keeping this in mind, the participants would be required to conceptualize and pitch a product based on the problem statement with the help of a presentation.

The preliminary round would involve the submission of the deliverables, and the **submissions would be judged based on** the functionality, product quality, relevance, and aesthetic appeal.

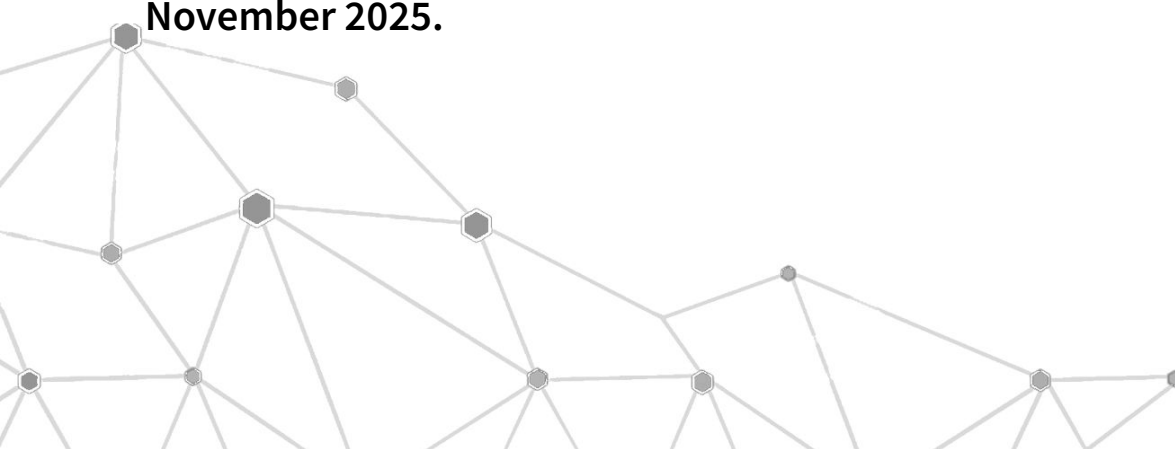
**The deliverables include**

1. A working prototype of the product
2. UI/UX of the product
3. 2D design (posters, banner ads, mock-ups, etc.)
4. 3D models
5. A/V Submission

The presentation would be judged collectively on the principles of both development and design. **Preliminary prompts will be given at 00:00 AM on 6th November 2025**

**Prelim Submission Deadline: 11:59PM, 10th November 2025.**

**Top 6 teams would qualify for the finals to be held offline on 13 November 2025.**



# Xclamation Point!

GROUP DISCUSSION

**Eligibility:** IX-XII

**No. of participants per team:** 1

**No. of teams per school:** 1

**Mode:** Hybrid(Online prelims + Offline Finals)

**For good ideas and true innovation, you need human interaction, argument, and discussion.** To give your views a voice, your logic a reason and your conviction a direction, we invite you to the colossal clash of ideas and opinions.

The preliminary round would require video submissions on the prompt given, and the judgement will be based on the content, the clarity of their speech, the structure of their arguments and originality.

**Preliminary prompts will be released at 00:00 AM on 6th November, 2025.**

**Prelim Submission Deadline: 11:59PM, 10th November 2025.**

**Top 12 participants would then qualify for the offline round to be held on 13th November, 2025**



# eXecute.eXe

COMPETITIVE PROGRAMMING

**Eligibility:** VIII-XII

**No. of participants per team:** 1

**No. of teams per school:** 1

**Mode:** Hybrid(Online prelims + Offline Finals)

**An event that tests your programming skills and algorithmic knowledge.** Fusing their logical and coding abilities the participants will engage in a heated clash with each other with the best of the best coming out on top.

Participants are permitted to use **any standard programming language** available on the platform (Hackerrank). A comprehensive list for the same may be found at

<https://support.hackerrank.com/articles/6693750503-execution-environment>

The finals would involve solving programming questions at the highest level.

**The solutions will be judged on efficiency and time taken. On the basis of a preliminary round that will be held on Hackerrank on 9th November, 2025.**

**Top 12 participants would qualify for the finals to be held on 13th November, 2025.**







# Xclusive

*SURPRISE*

**Eligibility:** IX-XII

**No. of participants per team:** 2

**No. of teams per school:** 1

**Mode:** Hybrid(Online prelims + Offline Finals)

We would tell you to expect the uneXpected, but that would be too mainstream.

**Prelims will be held online on 8th November 2025.**

**Based on the preliminary score, 6 teams will qualify for the finals to be held offline on 13th November, 2025.**





**Eligibility:** Open

**No. of participants per team:** 1

**No. of teams per school:** ∞

**Mode:** Online

**Dive into a world of mystery**, solve intricate puzzles, and prove your mettle against the best. Get ready to unlock the secrets, outsmart your opponents, and become the ultimate Cryptic Hunt champion!

The hunt will start at 11:00 AM on 6th November 2025 and end at 11:00 PM on 7th November 2025.

For further details refer to the XCrypt [Brochure](#).

All participants must join the [Discord server](#) of XCrypt 2025:

Registrations for XCrypt 2025 can be done through [the Google Form](#)



# techXult

## QUIZ

### Sr. Quiz

Eligibility: XI-XII

No. of Participants/team: 2

No. of teams/school: 1

Mode: Hybrid

### Jr. Quiz

Eligibility: VIII-X

No. of Participants/team: 2

No. of teams/school: 1

Mode: Hybrid

The competitions will entail an offline quiz with two stages: the online prelims and the offline finals.

6 teams will advance after the prelims, battling it out in the finals to be crowned the best.

**The prelims would be held online on day, 10th November 2025.**

**Based on the scores of the prelims, 6 teams will qualify for the offline round in each category to be held on 13th November 2025.**

# XCube

CUBING

## 2x2

Eligibility: Open

No. of Participants/team: 1

No. of teams/school: 1

Mode: Hybrid

## Pyraminx

Eligibility: Open

No. of Participants/team: 1

No. of teams/school: 1

Mode: Hybrid

## 3x3

Eligibility: Open

No. of Participants/team: 1

No. of teams/school: 1

Mode: Hybrid

**Get ready to solve your way to victory!** Compete against fellow puzzle enthusiasts in a fun-filled event.

Whether you're a seasoned pro or just learning the ropes, this event is for everyone.

**The prelims will be held online on 8th November 2025.**

**Based on the preliminary scores, the top 12 teams from each category would advance to the offline rounds to be held on, 13 November 2025.**



# autoTrack

FASTEST LINE FOLLOWER

**Eligibility:** VIII-XII

**No. of participants per team:** 2

**No. of teams per school:** 1

**Mode:** Offline

Participants will be required to build an **autonomous line follower bot** to cover the given track fast and accurately.

A single bot must be used with dimensions 20cm x 20cm x 20cm and usage of any pre-made/purchased bots will lead to disqualification. A maximum voltage of 12V is allowed for the bot.

The ground will consist of sharp turns, curves and tangled paths.

Before the event, each team will receive two practice sessions of 5 minutes each.

**The judgement will be based on** the accuracy and speed of each bot. Each team will get three chances on the track, and the best score out of the three will be considered.

**The final event will be held on, 13th November 2025.**



**Eligibility:** VIII-XII

**No. of participants per team:** 2

**No. of teams per school:** 1

**Mode:** Online

Participants will receive a custom-designed game and must build an AI or ML-powered bot capable of mastering it. Your task is to train, tune, and optimize your model to outsmart opponents, adapt to dynamic gameplay, and secure victory through logic and learning. Whether it's predicting moves, strategizing actions, or reacting in real time, your bot's intelligence will define your success. Get ready to merge coding, data, and creativity—because in this arena, it's not just about playing the game... it's about teaching your machine to win it.

**Prompts will be released at 00:00 AM on 6th November 2025.**

**Submission deadline: 10th November 2025.**



# XFrame

FILM MAKING

**Eligibility: IX-XII**

**No. of participants per team: 4**

**No. of teams per school: 1**

**Mode: Online**

**XFrame is where stories find their screen**, empowering participants to bring imagination alive through films.

The submissions should not be longer than five minutes and be uploaded with .mp4 extension through a google drive link on a form. There is no lower limit to the length of the film.

The judgement will be based on creativity, relevance to the topic, adherence to the time limit and originality of idea. Any teams found indulging in plagiarism will be disqualified. Usage of stock imagery and videography is prohibited.

**Prompts will be released at 00:00 AM on 6th November 2025.**

**Submission deadline: 10th November 2025.**



# XPosure

PHOTOGRAPHY

**Eligibility: IX-XII**

**No. of participants per team: 2**

**No. of teams per school: 1**

**Mode: Hybrid(Online prelims + Offline Finals)**

**Xposure is about capturing stories in a single frame, empowering participants to freeze imagination, emotion, and perspective through the lens.**

The online prelims will involve photography on a given topic, based on which the top 6 teams will qualify for the final round.

The topic for the finals will be revealed on the spot. Small props are permitted to enhance creativity, and phone photography is prohibited.

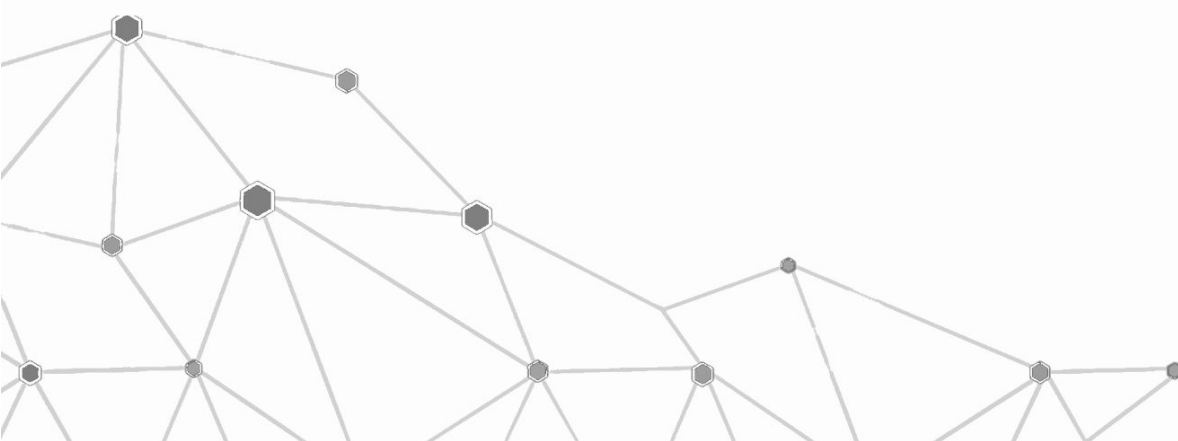
The teams qualifying offline will be given the opportunity to present and explain their final submissions.

**The judgement will be based on** the originality, creativity, professional and artistic techniques as well as translation of vision into originality.

**Prompts will be released at 00:00 AM on day, 6th November 2025.**

**Submission deadline 10th November 2025.**

**Based on the preliminary scores, the top 5 teams will qualify to participate offline in a surprise round to be held on , 13th November, 2025.**





# Queries

For any queries , contact [xino@dpsrohini.in](mailto:xino@dpsrohini.in) or

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**XIND**

EXTREME INNOVATION

