

GRAPHITI

RULEBOOK

We often forget how much mathematics goes on in creating art. Here is your chance to use your mathematical skills to recreate images using graphing techniques. Amalthea'21 brings to you its first-ever edition of a graphing event, Graphiti. So, let the coordinate plane become the digital canvas for your creativity.

Registration Guidelines

- There will be individual registrations for the event.
- Participants will have to register via this [form](#).

About the Event

- Date: 11 December 2021 Time: 3:00 pm
- The event will be **conducted live** on an online platform.
- The participants will be expected to join a meeting link which will be shared later.
- For the event, the participants will be given a [Desmos](#) link, where they will have to recreate images using mathematical equations.
- The Desmos link will contain the [template](#) of the equations required for the problem. This will help the participants get started on their graphing journey.
- The participants will have to submit their solutions via google forms within the given time limit.
- The submission should comprise the Desmos link of your design.
- New to Desmos interface? Check out some great tutorial videos [here](#).

Judging Criterion

- The participants will be awarded points for each problem submission.
- **Points Received in Each Question = % resemblance of the solution with the actual image.**
- No submission would mean that no points are awarded to that question.
- **Total Points Gained = Weighted Mean of Points Received in Each Question.**
- Each question will have a weightage according to the difficulty level.
- Use of any unfair means will lead to disqualification.
- The organizing team has the right to make the final call on the decisions and to alter any of the above-mentioned points.

Cash Prizes

1st Prize: Rs 7500
2nd Prize: Rs 5000
3rd Prize: Rs 3000
4th Prize: Rs 2000
5th Prize: Rs 1000
6th to 10th Rank: Rs 500 each
11th to 20th Rank: Rs 400 each

Contact

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IIT GANDHINAGAR