

MTH $e^{i\pi}+1$

π -Day Celebration

8–9 March 2019

"Shoot it!"

The photography competition (Individual entry)

Participants need to submit a photo which depicts one of the mathematical concepts given below. Participants are also asked to send a two-line explanation along with the photo. Submitted photos must be original and only minimal post-processing or photo-shopping will be allowed. The photo must be sent on or before 7 March to charitha@iiserb.ac.in. The themes are:

(1) Not a manifold, (2) Periodicity, (3) Convergence, (4) Projection, (5) The intermediate value theorem.

"Mathematics that you can see!"

The model making competition (Team of 3)

Participants are invited to submit a model based on a mathematical theme and present it on the day of celebration. The model can be made up of paper, cardboard, wood, etc., or a computerised one. Apart from exciting prizes, the top three models will receive reimbursement* for the cost of the model. We encourage participants to use eco-friendly materials. Any use of plastic, plaster-of-Paris or thermocol needs to be justified.

*Conditions apply.

"Quiz Beez..."

Math Quiz (Team of 3)

Welcome to a brainstorming mathematical adventure where you gotta integrate (your brains) to differentiate (the questions)! Participate to test how much have you actually understood the high-school Mathematics that we all loved so dearly!

"We encourage the prospective participants to strategize while choosing your team."

"Digits of π " (Individual entry)

The name describes all! In the competition, winner is the one who writes the maximum digits in the decimal expansion of π within a given period 🕒 of time. Participate in this if you want to test your memory skill!

"Explain it to your junior" (Individual entry)

Are you good at explaining math? Then this is for you! Participants need to explain a Mathematical theorem or concept, with least technicalities, within an allotted period of time (we'll make sure that you get *enough* 😈 of time). First and second year BS-MS students will judge the participants (*juniors, please contact us if you would like to be one of the judges!*). This event is mainly for the Mathematics major students (other may also participate).

Complexity of the concept and the presentation skill will be considered to the evaluation.

"You bet!" (Individual entry)

Each participant will be given a virtual currency use amount to begin with. You bet this money on the games involved (Black jack and Glossary Gamblin) and the wealthiest at the end of the night gets the prize!

"Integration BEE" (Team of 2)

Test how fast you can integrate (...a function). This event will test your integration skill, speed and accuracy. You may have to integrate definitely or indefinitely!

"Mathathon"

i.e. the Treasure Hunt (Team of 5)

Start observing your surroundings! Be alert! Watch out for the hints everywhere! And details will be announced soon.

REGISTRATION

Scan the QR code below to register, or go to
<https://goo.gl/forms/8tbkV4QWkAgg7kDy1>

Queries: viditd@iiserb.ac.in

