



IIT PALAKKAD

# PALAKKAD MATH CIRCLE

Bringing school students and mathematicians together



## WORKSHOP & SELECTION

For Class 8 and Class 9 students from schools in Palakkad and Chittur educational subdistricts

**30 June 2024 10am-5pm**

**Nila Campus, IIT Palakkad**

### Agenda & Highlights

- 10:00-12.30 : Workshop
- 12.30-14:00 : Lunch (will be provided)
- 14:00-17:00 : Selection test based on the topics discussed in the workshop and students may answer the test in English, Malayalam or Tamil
- Limited Seats: preference will be given to Class 8 students

**Registration** Opens: 3.06.2024 Closes: 20.06.2024 Link: <https://iitpkd.ac.in/palakkad-math-circle>

#### What is a Math Circle?

- Thirty to forty high school students meet with a mentor for a couple of hours in an informal setting on weekends to work on interesting problems or topics in mathematics.

#### Purpose

- To cultivate awareness and appreciation of the beauty and power of math ideas towards understanding the world.
- To dispel anxiety and fear of mathematics among school students.

#### Features

- *Engaging* - the fundamental goal of the math circle session is to engage youngsters through creative means such as a game, an activity, or an enticing problem.
- *No set syllabus* - the objective is not to cover material but to select topics that have potential to make an engaging session.
- *Interactive* - a math circle gathering resembles a kindergarten classroom more than a college lecture.
- *Voluntary* - participation is voluntary but commitment is expected. No fee or exams.

#### How does it work?

- IIT Palakkad selects a small group of 8th and 9th standard students from schools in Palakkad and Chittur educational subdistricts at the beginning of an academic year.
- Selected group meets on the second Saturday and the fourth Sunday of every month for a half-day session till the students complete their 10th standard.
- Each session focuses on a particular topic and the students learn from and interact (in English/Malayalam/Tamil) with mentors who are passionate about that topic.
- Sessions held in IIT Palakkad campus. Transportation from and to Palakkad town will be arranged.

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