



BIRLA PUBLIC SCHOOL GANGANAGAR

(A UNIT OF BIRLA EDUCATION TRUST PILANI)

Session 2026 - 27



CBSE AFFILIATION NO. 1730974

Ref No. BPSG/2026-27/EC/0016-A

CIRCULAR

“MATHEMATICS EVENT: Infinity Challenge”

Class: X

“Beyond limits lies the power of infinity.”

Dear Parents,

We are pleased to inform you that a Mathematics Activity titled “Infinity Challenge” will be conducted for the students of Class X on **04 May 2026** in the respective classrooms during the regular Mathematics period.

Aim of the Activity:

The event aims to strengthen students’ conceptual understanding, analytical thinking, and problem-solving abilities. It encourages learners to explore advanced mathematical ideas, apply logic creatively, and build confidence in presenting mathematical concepts effectively.

Activities to be Prepared:

Students are required to prepare **any one** of the following activities/models at home and present it on the day of the event:

- **Real Numbers Concept Model:**
Prepare a model/chart explaining Euclid’s Division Lemma or Fundamental Theorem of Arithmetic with examples.
- **Polynomials Activity:**
Create a visual model to demonstrate zeros of polynomials and their graphical representation.
- **Pair of Linear Equations:**
Prepare a model showing graphical solution of linear equations (intersecting, parallel, coincident lines).
- **Trigonometry Application Model:**
Design a model to show real-life applications of trigonometric ratios (e.g., finding height and distance).
- **Surface Areas & Volumes Model:**
Create 3D models to explain formulas and practical applications of mensuration.
- **Statistics/Probability Presentation:**
Collect and represent data using graphs or explain probability through simple experiments.

Instructions:

- The activity should be neat, creative, and well-labeled.
- Students must be able to explain their model confidently.
- Use simple and easily available materials.
- Ensure originality and clarity in presentation.

We look forward to your cooperation in encouraging your ward to participate actively and make this event a meaningful and enjoyable learning experience.

Warm regards,
Department of Mathematics
BPSG