



# BIRLA PUBLIC SCHOOL GANGANAGAR

(A UNIT OF BIRLA EDUCATION TRUST PILANI) *(A step ahead...)*



CBSE AFFILIATION NO.  
1730974

Session 2025-26

Event Report

Class VII

Science Event – Spectrum Spectacle

Day & Date: December 18, 2025 (Thursday)

Event Name: Spectrum Spectacle

Total No. of Students: (VII B – 31)

No. of Participants: 31

## Event Highlights:

- The classrooms of Class VII were transformed into an engaging science space as Spectrum Spectacle unfolded, creating a world of wonder and discovery through the study of light.
- Students explored the fascinating behavior of light, including reflection, refraction, and dispersion, through hands-on activities involving mirrors, lenses, and prisms.
- Learners traced mirror images, observed patterns of reflection, and experimented with bending light, fostering curiosity and thoughtful observation.
- Glow-in-the-dark activities and rainbow formation experiments captivated students' imagination and made learning visually exciting.
- Teamwork, inquiry, and active participation turned the learning process into an enjoyable and meaningful scientific experience.

## Objectives:

- To help students understand the basic principles of light, reflection, refraction, and dispersion.
- To encourage experiential learning through hands-on experiments with mirrors, lenses, and prisms.
- To spark curiosity and scientific inquiry by observing real-life applications of optics.
- To develop observation, analytical thinking, and teamwork skills among students.
- To promote creativity and joyful learning while exploring scientific concepts beyond textbooks.

## Outcome of the Activity:

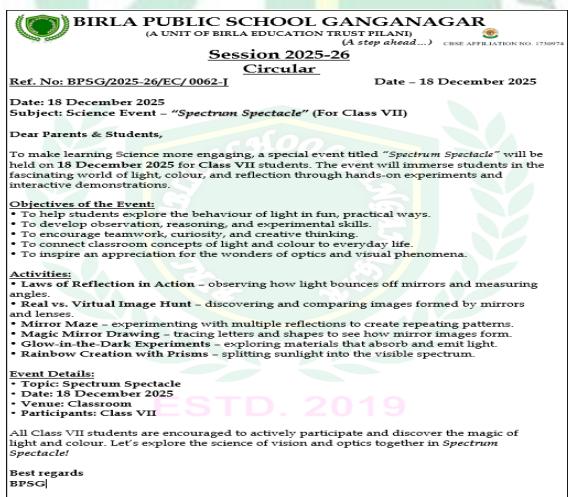
- Students developed a clear understanding of the behaviour and properties of light through practical experimentation.

- Learners demonstrated improved observation and reasoning skills while analysing patterns of reflection and refraction.
- The activity enhanced students' curiosity, creativity, and interest in physics, particularly optics.
- Collaborative learning strengthened teamwork and communication skills.
- Spectrum Spectacle successfully transformed science learning into an engaging, memorable, and joyful experience.

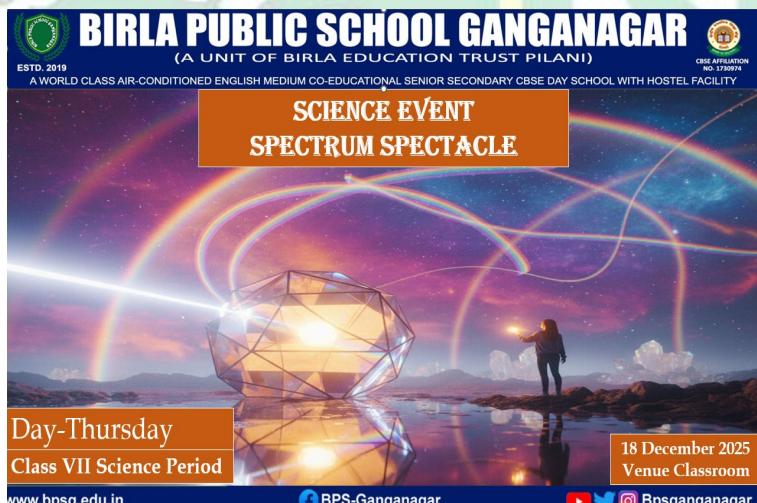
### Enclosures:

#### Circular of the Event

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#### Poster of the Event



#### • Photographs for Evidence





ESTD. 2019

Submitted By - Mr. Shayamsunder Giri