



# BIRLA PUBLIC SCHOOL GANGANAGAR

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



CBSE AFFILIATION NO.  
1730974

**Session 2025-26**

**Event Report**

**Class XII**

## **Chemistry Event - The Elemental Quest**

**Day & Date:** December 17, 2025 (Wednesday)

**Event Name:** The Elemental Quest

**Total No. of Students:** (XII - 12)

**No. of Participants:** 9

### **Event Highlights:**

- The Elemental Quest transformed the science laboratory into a vibrant space of exploration, precision, and discovery for Class XII students.
- Students explored the metal reactivity series through hands-on experiments, strengthening their understanding of periodic trends and chemical behaviour.
- Practical sessions on qualitative analysis and titration enhanced analytical skills and experimental accuracy.
- Creative 3D molecular models helped students visualize and understand complex chemical structures.
- Interactive activities such as the Periodic Table Treasure Hunt and the Chemical Equation Relay promoted teamwork, scientific reasoning, and enthusiasm for learning.

### **Objectives:**

- To deepen students' understanding of the metal reactivity series and periodic trends.
- To enhance practical skills through qualitative analysis and titration experiments.
- To promote conceptual clarity by constructing and analysing 3D molecular models.
- To encourage teamwork, accuracy, and problem-solving through interactive chemistry-based activities.
- To bridge theoretical knowledge with practical application in chemistry.

### **Outcome of the Activity:**

- Students developed improved conceptual and practical understanding of advanced chemistry topics.
- Learners demonstrated enhanced analytical thinking and laboratory skills.
- The activity fostered confidence, collaboration, and scientific discipline among students.
- Interactive challenges increased engagement and reinforced classroom learning.
- The Elemental Quest inspired curiosity and appreciation for chemistry as a vital and impactful science.

## Enclosures:

- Circular of the Event

Poster of the Event

**BIRLA PUBLIC SCHOOL GANGANAGAR**  
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**Session 2025-26**  
**Circular** Date - 17 December 2025

Ref. No: BPSG/2025-26/EC/ 0062-S

Date: 17 December 2025  
Subject: Chemistry Event - "The Elemental Quest" (For Class XII)

Dear Parents & Students,

We are excited to inform you that the Science Department will be hosting a special Chemistry event, "The Elemental Quest," on 17 December 2025 for Class XII students. This event is designed to spark curiosity and deepen understanding of the fascinating world of elements, their reactions, and chemical behaviour through interactive and engaging activities.

**Aims and Objectives:**

- To strengthen students' grasp of metal reactivity and periodic trends.
- To build scientific skills in analysing and identifying metal ions and salts.
- To encourage scientific reasoning, teamwork, and hands-on learning.
- To help students relate classroom concepts to real-life chemical applications.
- To nurture a lasting interest in chemistry and its role in science and technology.

**Activities:**

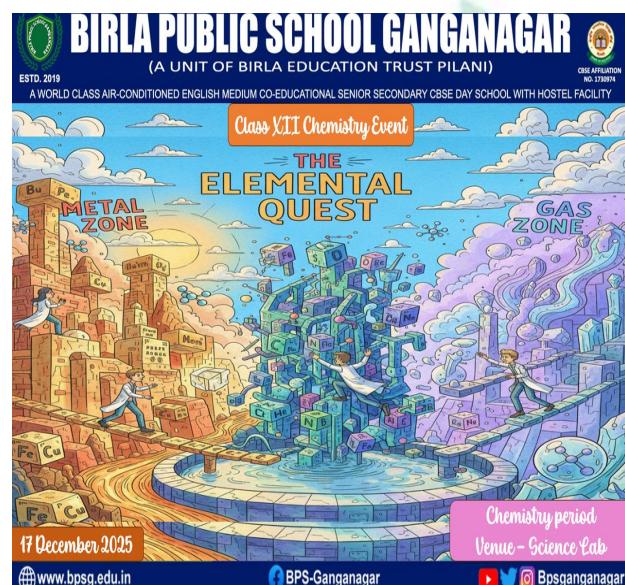
- Investigating the metal reactivity series through experiments.
- Performing qualitative analysis of metal ions and salts.
- Participating in a titration challenge to determine unknown concentrations.
- Creating 3D molecular models using simple materials.
- Taking part in a "Periodic Table Treasure Hunt" to decode element clues.
- Competing in a fun Chemical Equation Relay to test teamwork and accuracy.

**Event Details:**

- Topic/Theme: The Elemental Quest
- Date: 17 December 2025
- Venue: Classroom
- Participants: Class XII

All Class XII students are encouraged to take part enthusiastically in this scientific adventure and explore the wonders of the elements that shape our world. Let's make chemistry come alive through discovery and experimentation!

Best regards  
BPSG



## • Photographs for Evidence





Submitted By - Mr. Shayamsunder Giri

