



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.

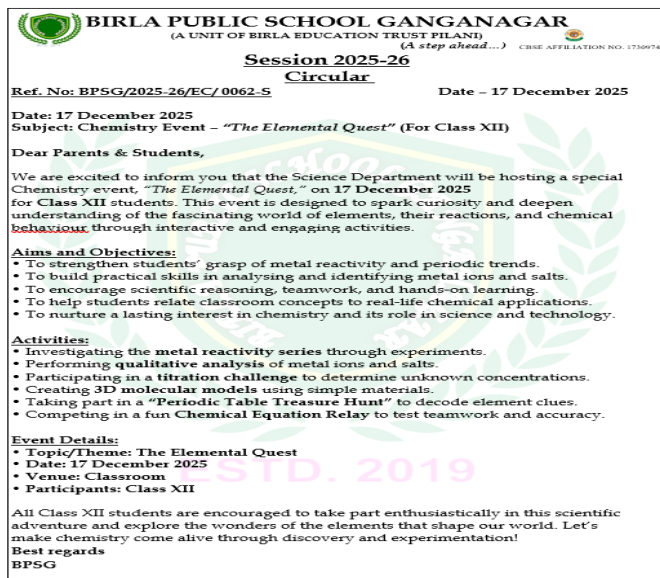
Outcome of the Activity:

- 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



- Photographs for Evidence





Submitted By – Mr. Shayamsunder Giri

ESTD. 2019