



## SCIENCE CLUB REPORT (2024-25)

### ACTIVITY- ELECTROPLATING

1. Date & Time of the Workshop: Saturday, 6th July 2024, 10:00 AM - 11:30 AM
2. Venue: Chemistry lab
3. Organizer: Science Club
4. Teacher in-charge: Ms Shalini Sinha
5. Accompanying support Staff: Mr. Rakesh (Lab Assistant)
6. Attended by (no. of students, with class & section) :- 30 students of Science Club VI-VIII
7. Key highlights / main points:

- Science clubs are an exciting way for students to explore and engage with the world of science.
- These clubs provide an opportunity for individuals to learn about different scientific disciplines, conduct experiments, and participate in various scientific activities.
- On 6th July, students from grade VI to VIII got the opportunity to conduct an activity in chemistry lab where they prepare a natural dye using vegetables and fruits
- Through experiment they explored different scientific concepts in a hands-on way.
- By conducting experiments and participating, students gained a deeper knowledge and understanding about electrolysis and electroplating process , cathode , anode , electrolytes

#### 8. Educational Opportunities:

**Electroplating** is a fascinating experiment that demonstrates the principles of electrochemistry. It's a great activity to introduce students to the world of chemistry and engineering.

At the end discussion on the topic of activity enhanced their knowledge about the various concept of electrochemistry and redox reactions, applications of electroplating in industry, different metals and their electroplating processes.

9. Date of Report Submission: 7th July, 2024

### Glimpses of the workshop-



