

## **HI-GLOW: Lab on Wheels Program**

### **“Developing Scientific Temper in School Students through Chemistry Experiments”**

On 13th February 2025, the Department of Chemistry from the Government College (Autonomous), Rajahmundry conducted the **HI-GLOW: Lab on Wheels** program at ZPHS Narendrapuramu. This program was designed to ignite curiosity and foster a scientific temperament in school students through engaging and interactive chemistry experiments. The event aimed to provide practical knowledge of chemistry, encourage hands-on learning, and help students connect theoretical concepts with real-life applications.

#### **Program Objectives Highlights:**

- To develop a **scientific temper** among students by exposing them to live, interactive chemistry experiments.
- To engage students in **hands-on learning** and practical demonstrations to enhance their understanding of chemical concepts.
- To provide students with an opportunity to interact with experienced **faculty and researchers** from the Department of Chemistry.
- To inspire students to pursue higher studies and careers in the **STEM fields**, particularly in **Chemistry**.
- Several interactive **chemistry demonstrations** were conducted, including experiments on **acid-base reactions, chemical reactions and products, electrolysis**, and more.
- Students had the opportunity to perform simple yet captivating experiments, making science come alive.
- **Professors and faculty members** from the Department of Chemistry shared insights into the significance of chemistry in daily life and the broader scientific world.
- The faculty also answered students' questions and provided career advice for those interested in pursuing a career in science.
- Students were encouraged to participate actively in the experiments, fostering a sense of inquiry and excitement in the field of chemistry.
- Students engaged in **Q&A sessions** with the faculty, exploring various topics related to chemistry and how it impacts their daily lives.

#### **Conclusion:**

The **HI-GLOW: Lab on Wheels** program proved to be a highly successful initiative in promoting scientific temper among the students of ZPHS Narendrapuramu. The Department of Chemistry at Government College (Autonomous), Rajahmundry, continues to work towards bridging the gap between theoretical learning and practical application of science, and the event served as a step toward inspiring future generations of scientists and researchers.



