



DEPARTMENT OF CHEMISTRY

EXTENSION ACTIVITY

Date of the Programme: 19.12.2025

Venue: Government College (A), Rajahmundry

Event: Education Minister Sri Nara Lokesh College Visit

Objectives of this Program:

- To provide a platform for PG students to demonstrate their practical knowledge and experimental skills.
- To promote experiential and activity-based learning beyond the classroom.
- To showcase innovative and application-oriented chemistry experiments.
- To enhance communication and presentation skills of students through live demonstrations.
- To encourage scientific thinking and research interest among undergraduate students and visitors.
- To facilitate interaction between students, faculty, and dignitaries including the Honorable Education Minister.
- To highlight the role of chemistry in solving real-world and environmental problems.

Activity Conducted: Chemistry Experiments by PG Students

Students Participated: 1. V. Kusmitha, II .M.Sc. Analytical Chemistry

2. V. Harisha, II .M.Sc. Analytical Chemistry

3. Sk. Sohali, II .M.Sc. Organic Chemistry Chemistry

Introduction:

An extension activity showcasing prominent chemistry experiments was organized by the Department of Chemistry on the occasion of the Honorable Education Minister's visit to the college campus. The program aimed to highlight the practical knowledge, scientific skills, and innovative abilities of postgraduate (PG) students.

During the event, PG students actively demonstrated a range of carefully selected experiments covering key areas such as organic synthesis, analytical techniques, environmental chemistry, and green chemistry practices. The experiments were designed to be both informative and visually engaging, emphasizing real-world applications of chemical principles. Special focus was given to eco-friendly and sustainable methodologies to align with current environmental concerns.

The Honorable Minister, along with other dignitaries and faculty members, visited the exhibition and interacted with the students. The students confidently explained the scientific concepts, procedures, and significance of their experiments, reflecting their strong conceptual understanding and communication skills.

The activity successfully created a platform for experiential learning and knowledge dissemination beyond the classroom. It also inspired undergraduate students and visitors to develop a deeper interest in chemistry and research.

Experiments Performed:

1. National flag made based on density
2. Identification Acids and Bases with Help of Indicators
3. Starch and Protein Tests
4. Artificial Blood Making
5. Blue bottle
6. Volumetric analysis



Experiments Performed in front of Education Minister



Students with Education Minister

Outcomes of this Program:

- Enhanced practical and presentation skills of PG students
- Promotion of scientific temper and innovation
- Increased awareness of sustainable and green chemistry practices
- Strengthened interaction between students, faculty, and dignitaries

Conclusion:

The extension activity on the demonstration of prominent chemistry experiments by PG students, conducted during the visit of the Honorable Education Minister, was highly successful and impactful. It effectively showcased the students' practical skills, scientific knowledge, and innovative approach toward learning. The event not only strengthened the culture of experiential learning but also highlighted the relevance of chemistry in addressing real-world challenges.

The active participation and confident presentations by students reflected their academic excellence and enthusiasm for research. The appreciation received from the dignitaries served as a motivation for students and faculty alike. Overall, the activity enriched the academic environment of the institution and reinforced the importance of Chemistry education in fostering innovation and sustainability.