



DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI NAGPUR



DEPARTMENT OF CHEMISTRY

American Chemical Society International Student Chapter

“CHEM-INSPIRE”

Name of Program: “CHEM-INSPIRE”

Organised by: Department of Chemistry Under the Aegis of American Chemical Society Intl.

Venue of Program: WAGDARA VILLAGE, HINGNA, NAGPUR.

Date of the Program: 22nd February 2024

No. of Participants: 54

Introduction :

“Rural development is about empowering people to take charge of their future and create sustainable communities through collective action”- Jeremy Rifkin. Inspired by Jeremy Rifkin's vision of rural development through collective action, the American Chemical Society Student International Student Chapter (ACS), Dr. Ambedkar College, in collaboration with the National Service Scheme (NSS), Dr. Ambedkar College, initiated the "मेरी माटी, मेरा देश" program. As part of this endeavour, the CHEM-INSPIRE event 2024 was organised at Wagdara village, Hingna, Nagpur, on February 22nd, 2024. This report highlights the activities and impact of the event in spreading awareness about science and chemistry among rural school students.

Event Activities:

During the CHEM-INSPIRE event, members of the American Chemical Society, Dr. Ambedkar College, conducted various engaging experiments aimed at captivating the interest of rural school students. Demonstrations such as Chemical Chameleon, experiments based on superstitions, Smoky Splash, and Thunder in the test tube were performed, sparking curiosity and interest in the students. Additionally, one student was invited to execute a simple experiment of "balloon pop," enhancing the interactive and practical nature of the event.

Safety and Supervision:

Ensuring the safety of the students was paramount throughout the event. All demonstrations were conducted under the supervision of experienced faculty members, including Dr. Deepa Panhekar and Dr. Ratnadeep Sawant, faculty advisors of the American Chemical Society Intl.

student chapter, and Mr. Parag Panse, Assistant Professor. Their guidance and supervision ensured that the students could engage in hands-on activities safely and effectively.

Impact and Participation:

The CHEM-INSPIRE event witnessed enthusiastic participation from 54 rural students. The demonstrations not only sparked interest but also provided practical exposure to science experiments, which are often inaccessible to rural students. The interactive nature of the event facilitated a deeper understanding of scientific concepts and fostered a sense of curiosity and exploration among the students.

Conclusion:

The CHEM-INSPIRE event 2024 successfully achieved its objective of spreading awareness about science and chemistry among rural school students. Through engaging demonstrations and interactive activities, the event empowered students to take charge of their learning and ignited a passion for science. The collaborative efforts of the American Chemical Society, Dr. Ambedkar College, and the NSS, along with the guidance of faculty advisors, played a crucial role in the event's success. Moving forward, initiatives like CHEM-INSPIRE will continue to contribute to the holistic development of rural communities by promoting scientific literacy and empowerment.

Students curiously watching the experiment.



ASC Members performing various experiments.



Students performing the “Balloon Pop” experiment.



