

DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR

DEPARTMENT OF CHEMISTRY

AMERICAN CHEMICAL SOCIETY INTERNATIONAL STUDENTS CHAPTER

CHEMINSPIRE 2024

- Name of Program** : ACS Chemistry Festival (CHEMINSPIRE 2024)
Organised by : American Chemical Society International Student Chapter
Venue of Program : Department of Chemistry
Date of the Program : February 29th 2024
Number of Participants : 43



Outstanding
AMERICAN CHEMICAL SOCIETY
2019-2020

P.P.DR. BABASAHEB AMBEDKAR SMARAK SAMITI'S
DR. AMBEDKAR COLLEGE
DEEKSHABHOOMI, NAGPUR

ACS Intl. Student Chapter
Dr. Ambedkar College

DEPARTMENT OF CHEMISTRY
AMERICAN CHEMICAL SOCIETY

DR. AMBEDKAR COLLEGE
DEEKSHABHOOMI-NAGPUR

AMERICAN CHEMICAL SOCIETY
(ACS) INTERNATIONAL STUDENT CHAPTER, DIGN

ACS Chemistry Festival
Chemistry for Life®

PRESENTS
CHEM-INSPIRE
2023-2024
29TH FEBRUARY 2024

REPORT

On the eve of National Science Day, ACS International Student Chapter, Dr. Ambedkar College organised ACS Chemistry Festival CHEMINSPIRE 2024 on February 29th, 2024. CHEMINSPIRE, an initiative aimed at fostering interest and understanding in chemistry among school students, conducted a series of engaging experiments. These experiments were designed to demonstrate fundamental concepts in chemistry while encouraging hands-on learning and inquiry-based exploration. This time students of South West School were invited in the department for Cheminspire activity.

Dr. Deepa Panhekar gave a brief about ACS and the activity to the students of South West School. Students were introduced to various equipment commonly found in a chemistry lab, such as beakers, test tubes, pipettes, and Bunsen burners. They learned the purpose of each piece of equipment and how to handle them safely. Moreover, students were given a glimpse of a well-equipped chemistry lab, showcasing modern instruments like spectrophotometers, centrifuges, and Colourimeter. They were informed about the functionalities of these instruments and their roles in conducting advanced experiments and analyses.

Before conducting any experiments, CHEMINSPIRE prioritized safety by thoroughly explaining lab safety rules to the students. These rules covered essential aspects such as: Personal Protective Equipment (PPE), Handling chemicals, Equipment usage etc. Chapter members gave unperson demonstrations to the students of the 43 students of South West School along with the teachers. Demonstrations included Harry Potter, Superstition, Food Adulteration, Chemical Chameleon, Golden Rain, Thunder in the test tube, Lava Lamp generated scientific curiosity among students and have become extremely popular. By fostering interest in chemistry at an early age, CHEMINSPIRE aims to inspire the next generation of scientists and innovators.

The success of the CHEMINSPIRE program was made possible by the hard work and dedication of its members in preparing the experiments. Members invested significant time and effort into: Experiment selection, Material Procurement, Experiment setup, documentation and evaluation. ACS chapter students were guided and supervised by Dr. Deepa Panhekar (HOD Chemistry and Faculty Advisor, ACS International Students Chapter), Dr. Ratnadeep Sawant (Faculty Co-Advisor) and Mr. Parag Panse (Assistant Professor), Dr. Pravin Deharkar (Assistant Professor), Ms. Karuna Shahani (Assistant Professor) and non-teaching faculty.

Some glimpses of the activity shown:

