

# **Dr.Ambedkar College, Deekshabhoomi, Nagpur**

## **Department of Chemistry**

### **American Chemical Society International Student Chapter**

#### **'CHEM SAFETY BUZZ'**

#### **National Level Online Quiz**

10-16 August 2020

#### **Report**

Dr.Ambedkar College Deekshabhoomi, Nagpur Department of Chemistry under the aegis of ACS (American Chemical Society) organized a national level quiz on lab safety skills in Chemistry. The whole event took place online and was one week long i.e. from 10<sup>th</sup> August 2020 to 16<sup>th</sup> August 2020.

The quiz was divided into 3 online rounds. The first round consists of Crossword type online quiz, the 2<sup>nd</sup> and 3<sup>rd</sup> rounds were played on video conference. Initially, a link was generated and circulated for the students to register for the event. The students nation-wide were given almost 3 days to register for the event. Within 3 days we received around 200+ registrations from students from various states in India. Within the members, Swarnima Burande prepared the Crossword questionnaire for 1<sup>st</sup> round and MCQs questionnaire for 2<sup>nd</sup> round with the help of Janhavi Gawande, Janki Parvadiya, Aishwarya Ashtankar, Ankita Khonde, Shriya Thakre and Sneha Bhurse.

The link for the First round was given via e-mail to all the participants who registered. In total 20 questions were included in 1<sup>st</sup> round. The top 20 scoring participants were qualified for the 2<sup>nd</sup> round. The participants who qualified for the 2<sup>nd</sup> round were again sent an e-mail about the 2<sup>nd</sup> round and the link was shared.

For the 2<sup>nd</sup> and 3<sup>rd</sup> round, game called '**CHEM SAFETY BUZZ**' was played with the 20 finalists. Both rounds were conducted on 'Zoom Meetings App'. The last two rounds themselves had 2 levels. In the first round participants were divided into 4 breakout rooms in groups of 5 participants and 2 ACS members in each group.

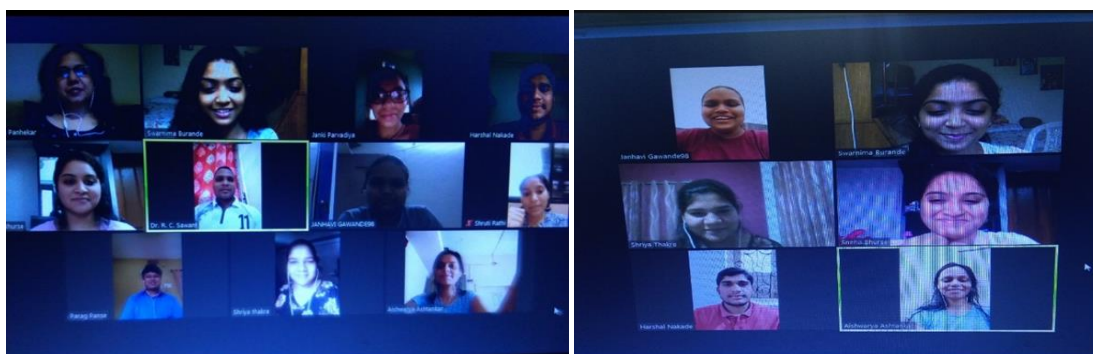
The participant with highest score from each breakout room was qualified to next level. In the next level the 4 final participants were asked one word answer type questions and the participant with highest score was declared as winner.

The ACS members who conducted the game in the breakout rooms were – Shriya Thakre, Janhavi Gawande, Janki Parvadiya, Sneha Bhurse, Aishwarya Ashtankar and Harshal Nakade. The 2<sup>nd</sup>

level of final round was conducted by Swarnima Burande. The 3<sup>rd</sup> round was conducted on 16th August, 2020 .

The **1st winner** of the event was **S. Abhinav** from St. Joseph College of engineering, Chennai, **Tamil Nadu State, India** . Ms Mansi Sabne , Dr Ambedkar College, Nagpur secured second position while Ms Poorva K Naik ,PES's RSN College of Arts and Science, Goa bagged the third position. Certificates were provided to the winners and the participating students.

Head of Chemistry Department and Faculty advisor of ACS Chapter Dr.Mrs. Deepa Panhekar, co-advisor Dr. Ratnnadeep Sawant and Mr Parag Panse had several online meetings with the chapter members regarding the event and how to carry it forward. ACS members included questions on various terms to recognise hazards such as flammability, carcinogen, lethal concentration, cryogen etc. Questions were also included on MSDS, GHS labelling system, pictograms, signal words, appropriate PPE, upper and lower explosion limits of a substance, flash point, autoignition temperature etc .Links to various ACS guidelines on laboratory safety were provided to the ACS members.



Chapter members during the practice session

## City student excels in American Society's quiz

### ■ Staff Reporter

LABORATORY work is a critical component of all the degree courses involving chemistry subject. Students need to develop a solid foundation in the basic principles and procedures of laboratory safety and deepen their knowledge as they progress through their academic career. Students undergoing an undergraduate programme are expected to have a broad background in safety education and basic familiarity with common labo-

ratory hazards.

With these objectives, American Chemical Society (ACS) International Student Chapter, Dr Ambedkar College, Deekshabhoomi had organised a national level virtual quiz competition on 'Chem Safety Buzz'. Mansi Sabne, a student of Dr Ambedkar College bagged second prize. More than 200 students participated in the quiz which comprised three rounds. First round was in the form of cross-words and second round had MCQs questionnaire. The final

round was conducted virtually and the questions were asked in the form of an interesting game. Final round had top 20 scorers. ACS student members made use of breakout rooms while conducting the quiz. SABhinav from St Joseph College of Engineering, Chennai, Tamil Nadu bagged the first position in the competition. Mansi Sabne, Dr Ambedkar College, secured second position while Poorva K Naik, PES's RSN College of Arts and Science, Goa bagged the third position. Certificates were provided to the

winners and students.

ACS student members Sneha Bhurse, Ankita Khonde, Swarnima Burande, Aishwarya Ashtankar, Harshal Nakade, Janhavi Gawande, Janki Parvadiya, Shruti Rathi and Shriya Thakre worked hard for success of the programme. Dr Deepa Panhekar, Head, Department of Chemistry and ACS Chapter Faculty Advisor; Dr Ratnadeep Sawant, Co-Advisor and Parag Pansé supervised the programme. Dr PMSiriya, Officiating Principal, congratulated the winners.

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**The link for registrations :**

<https://docs.google.com/forms/d/e/1FAIpQLSe666P64Fajk03ppvRHRt4WidNHMM9aH68v8pZohwBZ8SyvHQ/closedform>

**The link for first round :**

<https://docs.google.com/forms/d/195Xe--ULn3KOwd0dOYBykxCa49j2GM6b-tBcsUI5WuU/edit>

**The link for second round :**

<https://us04web.zoom.us/j/78809985517?pwd=RUNDSVdqWW4vMS9HZGhvaFplaEdNQT09>