

Name of the activity/Programme: Outreach School Activity - Learning by doing & Student engagement initiative.

Theme: Connecting Classroom Learning to Chemistry in everyday life.

Name of the scheme: Helping Local schools to achieve good results and enhance their enrolment in higher/ technical/vocational education (NSS and Unath Bharat Abhiyan)

Date of activity: 06-09-2025

Number of teachers participating in such activities: 03

Number of students participating in such activities: 70

An Outreach activity was organised by the Department of Chemistry in association with NSS unit, BMS College of Engineering on 06-09-2025, for students of BBMP High School, Ashok Nagar, Bengaluru. The programme aimed at sparking curiosity in chemistry. The students of class 8, 9 & 10 had the opportunity to witness and engage with a series of interactive experiments directly connected to their curriculum. From colourful reactions and demonstrations of acids and bases to solution chemistry, the activities highlighted how classroom concepts translate into real-life applications. The visit created a vibrant atmosphere where students asked questions, discussed the science behind the experiments, and left with a deeper appreciation of chemistry's role in everyday life.

Outcomes

- 1. Students gained experiential understanding of chemistry concepts covered in their curriculum.
- 2. The demonstrations enhanced curiosity, participation, and interactive learning beyond classroom teaching.
- 3. Teachers observed improved student engagement, with many asking questions and showing interest in science-related activities.
- 4. Strengthened collaboration between BMSCE and local schools, supporting community outreach.

Any other relevant details

- 1. The activities included simple and visually engaging experiments such as colourchange reactions, precipitation reaction, density, Flame test, acid-base demonstrations, and solution chemistry.
- 2. Photographs and the event brochure/invitation are enclosed along with this report.
- 3. The students enjoyed the hospitality (Snacks & return gift) provided by Department of Chemistry, BMSCE.

Photographs of the outreach activities







Participant attendance

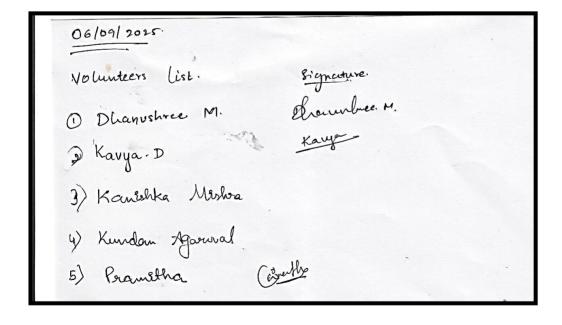
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Volunteer list



Feedback from students

"Hi my Norme is Mohit. 6" it's was amazing day in B.M.s collage. and we visited the . its Hug campas and we came to the Science lado. Chimistery lecture became chemstery teachers teach about , soultions Clear Soultion, coldisti Colloidal Soultion And Suspenion Soultion class gone exhiting the Class was super special to user After wards they given we patties and falbe the tomalo Sauce. the pathes . After We done experiment "I was the ovalanteger Pain an experiment The collage Janta Stick Compuy was neat and Clean of the senance Sencenario was Very beatraful benefital, very and amazing. The experiment was the Mind Blowing. Imperiment we gained so mach knowlegte four is uxperment Thank few this oppordunity

> न्मान्ड युण्न रिंग्से वृत्येन करी लां किंगु ती किंगु ती है किंगु ती है। योखं है है ती से कही योखं है है ते ति छहू क्रियां क्रियां क्रियां में क्रियां में किएके क्छार मिण्या में में कि की ने जेन्द्र यहारे जेन्स्ट्रें अंश्रही (२०१९में धर्माकाण यहिन्सिकारी धर्मानी खर्म ಎಂದು ಆಭವವು.) (ಕರ್ಮಿಕ ಉಗ್ಗೆ ಆ್ಯದೆತ್ರ) माश्रेर वादानीया कार्य थारहेर्निया धरिक्षं ध्यार्धनित्रम् त्रीतिक्षेत्रे . Name: - SAMIPATH KUMIAR. School: B. B.M.P. HIGH SCHOOL ASHOKNAGIARA (BASAVANAGIODI)PTO

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