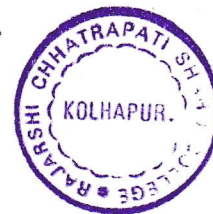


Rayat Shikshan Sanstha's

Rajarshi Chhatrapati Shahu College, Kolhapur.
Department of Chemistry





Report on,
“Preparation of Household Chemicals 2023-24”

Department of Chemistry organize the certificate Short term course on **“Preparation of Household chemicals”** for M.Sc I students, for the academic year 2023-24. The main objective of this course is 1.To make availability of self employment. 2. To develop confidence for doing job. 3. To develop skills required for job. 4. To develop skills of market survey. 5. To develop knowledge of domestic chemicals. 6. To develop skill of subject knowledge on applied basis. For this course the fees of **Rs-500** charged for the students. **Total 18 students** admitted for this course.

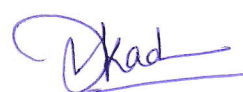
During theory lectures they understand the Basic Concepts in Domestic chemicals like Mole concepts, Concentration, Units of concentration, Normality, Molarity, Molality, Mole Fraction, Percentage composition by volume, Percentage composition by weight etc. They learn to do various Volumetric titration, Conductometric titration, Preparation of standard solutions, Preparation of phenyls, Preparation of Soap, Preparation of Detergent Powder, Preparation of Liquid Soap and Preparation of Neel. Our students participated and Sell their phenyl, Neel Liquid soap in Trade fair which was organized by Dept of Commerce. **Dr. K. V. Gaikwad** worked as a Coordinator for this course.

Outcome- Students understand the concept of different types of household chemicals in the context of Chemistry. Student's laboratory experiment related skills enhanced.

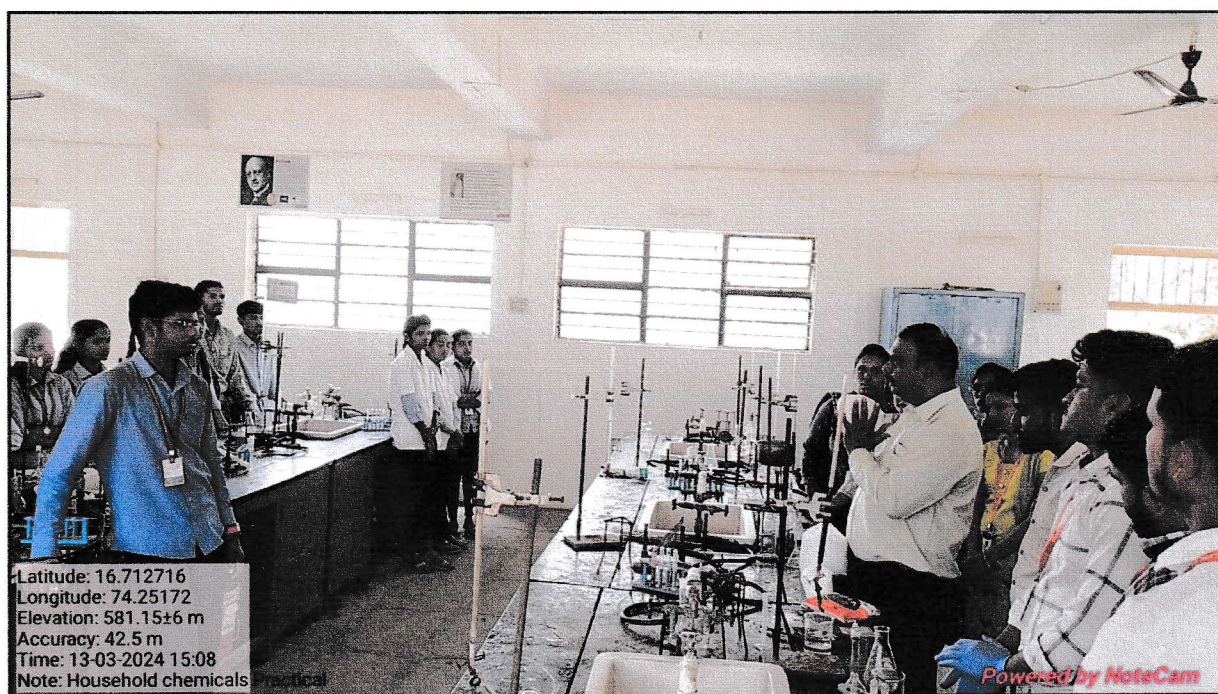

Dr. K. V. Gaikwad
 Co-coordinator


Prof. P. B. Piste
Head
 Department of Chemistry
 Rajarshi Chh. Shahu College, Kolhapur


Dr. M.K. Kannade
 Incharge,
 Short Term Courses


Dr. L. D. Kadam
 Principal,
 Rajarshi Chh. Shahu College
 Kolhapur.

“Preparation of Household chemicals” Photographs during Theory and Practical.

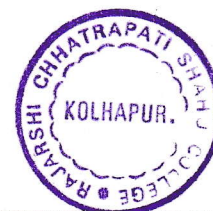


Phenyl, Neel and other household chemicals prepared by students and participated in Trade Fair



Preparation of Household Chemicals by Students





Preparation of Liquid Soap by Students



Preparation of Liquid Neel by Students



Preparation of Washing Powder by Students



Preparation of Liquid Phenyl by Students



Dr. K. V. Gaikwad
 Dr. K. V. Gaikwad
 (Co-ordinator)



Head
 Head
 Department of Chemistry
 Rajarshi Chh. Shahu College, Kolhapur