

Extension Activity (2023 – 2024)

As part of the curriculum, our III B.Sc., chemistry students are required to do extension activity to get marks and credits. In this regard every year, our department is organizing an extension activity programme in which our III year students and staff members were actively involved.

The objective of this programme is to create awareness among the women community about self-employment and entrepreneurship. In this programme, our students were demonstrating the preparation of household cleaning materials by using the required raw materials in correct proportions. Through this programme they motivated the women to earn more profit from less investment.

This year on 13.2.2024, our department has organized an extension activity programme at Kurumbapatty, near kasavanampatty, Dindigul. 24 students and 4 Staff members were actively participated in that programme. At this activity, we planned to prepare White Phenyl and Dishwashing gel.

Initially our HOD cordially invited the people for the programme and gave a nice introduction about our activity and the importance of self-employment. Then our students explained the ingredients used for the preparation of White Phenyl and Dishwashing gel and their proportions. They also demonstrated the preparation of the products in a well manner by adding the ingredients one by one.



1. Preparation of White Phenyl:

S.NO.	INGREDIENTS REQUIRED FOR WHITE PHENYL	PROPORTION
1.	Soft soap	500g
2.	Oleic acid	50ml
3.	Pine oil	1000ml
4.	Perfume	50ml

Our students demonstrated the preparation of White Phenyl by taking a big plastic container with 100ml of water and added soft soap and oleic acid and kept it soaked for about 5 minutes. To that mixture, they slowly added pine oil with continuous stirring. Finally they added perfume to get the concentrated phenyl with pleasant smell. From the concentrated phenyl, they have taken 1 litre and diluted it with 20 litres of water taken in another container and stirred well the solution to get milky white product of phenyl.



2. Preparation of Dish washing gel:

S.NO.	INGREDIENTS REQUIRED FO DISH WASHING GEL	PROPORTION
1.	Sodium Lauryl Ether Sulphate (SLES)	1000g
2.	Alpha Olefin Sulfonate (AOS)	1000g
3.	Tri Sodium Phosphate (TSP)	150g
4.	Citric acid	20g
5.	Sodium Sulphate	40g

Our students demonstrated the preparation of Dish washing gel by taking four different containers with 250 ml of water each and in one container they mixed citric acid well. In another container, they mixed TSP well and in third container mixed Sodium sulphate well. In fourth container they mixed both SLES & AOS well and finally they transferred all the four mixtures into another plastic container and stirred well the mixture to get the final product Dish washing liquid in a gel consistency.



3. Distribution of Free sample:

The village people were eagerly observed the activities done by our students and got ideas about small scale business. At the end of the programme we gave free samples of the products to the people and got feedback from them. This programme encouraged our students as well as the village women to become small scale entrepreneur.

