

Extension Activity II (2019 – 2020)

On 7.1.2020, our department has organised a second extension activity programme at our College open auditorium for B.A. Economics students to create awareness among the student community about self-employment and entrepreneurship. In that programme, 28 students of III year and Staff members of our department were actively involved.

In that Activity, our students were demonstrating the preparation of Detergent powder by using the required raw materials in correct proportions. Through that programme they motivated the non-chemistry students to prepare the Detergent powder on their own at their houses and earn more profit from less investment.

Our HOD Dr.M.Dhanalakshmi, Assistant Professor, cordially invited the Economics students for the programme and told about our activity and the importance of self-employment. Then our students explained the ingredients used for the preparation of Detergent powder 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 Detergent powder:

S.NO.	INGREDIENTS REQUIRED FOR DETERGENT POWDER	PROPORTION
1.	Sodium carbonate (washing soda)	1000g
2.	Sodium Bicarbonate (Baking soda)	750g
3.	Sodium Meta sulphate (SMS)	100g
4.	Carbon methyl cellulose (CMC)	50g
5.	Ranipol	50g
6.	Sodium Tri Poly Phosphate (STPP)	25g
7.	Tri Sodium Phosphate (TSP)	25g
8.	Acid Slurry	250g
9.	Colour granules	25g
10.	Perfume	50ml

Our students demonstrated the preparation of detergent powder by taking a wide plastic container and added the above ingredients (1–7) one by one and mixed them well to get a nice

powder consistency. Then they slowly added acid slurry with continuous stirring. Finally they added colour granules and perfume to get the final product, detergent powder.

Our college Economics students were eagerly attended the programme and interacted with our Chemistry staff and students to clarify their doubts. They also gave a good feedback and said that they will try to prepare the Detergent powder on their own in their houses. At the end of the programme we thanked the students and gave samples of the prepared product to them.

1. Preparation of Detergent powder: 2.Distribution of free sample:

