

Extension Activity (2020 –2021)

1. Preparation of Hand Sanitizer

| S.NO. | INGREDIENTSREQUIREDFOR HAND SANITIZER | PROPORTION |
|-------|--|------------|
| 1. | 99% Isopropyl Alcohol | 705 ml |
| 2. | Distilled Water | 235 ml |
| 3. | 3% Hydrogen Peroxide | 45 ml |
| 4. | Pure Glycerin | 15 ml |

Our Chemistry department staff members have prepared a Hand sanitizer in the chemistry lab. Dr.M.Dhanalakshmi, Assistant Professor and Head, Department of Chemistry gave an introduction about the pandemic situation, and the safety measures to be followed during COVID-19 situation and their importance. Then our department staff members explained about the functions of the ingredients used in the preparation of Hand sanitizer and also their proportions.

235 ml of distilled water, 705 ml of 99% Pure Isopropyl alcohol, 45 ml of 3% Hydrogen Peroxide and 15 ml of Glycerin were added one by one in a glass beaker and the mixture was stirred well to obtain a fresh solution of Hand sanitizer.

Our department students eagerly observed the activities done by our staff members and got an idea about the preparation of Hand sanitizer. Then the freshly prepared Hand Sanitizer was used by our department staff members and our students.

Preparation of Hand Sanitizer and distribution:

