

Report on the Extension Activity by the Dept. of Chemistry

St. Gregorios College, Kottarakkara

Objectives:-

As we are facing a global health crisis by the Corona Virus Disease (COVID-19), it was our objective to extend our helping hands to those who give frontline service to the community. Based on this, we have decided to prepare and distribute hand sanitizer to KSRTC employees (Kottarakkara Dippo), Auto Rickshaw employees at College Junction, and also to the BSNL employees at the College Junction branch office.

Report:-

Given the threat raised by the CORONA virus, Teachers of the Dept. of Chemistry decided to prepare and distribute hand sanitizer to the deserved ones in the nearby locality. Under the supervision of Dr. Francis Chacko, HOD of the Chemistry Department, the teachers as well as the students of the Department prepared isopropyl alcohol-based sanitizer sticking to the existing standard procedures and then filled in small (100 ml) bottles.

The sanitizer distribution was officially inaugurated on **17/03/2020** by the College Principal Dr. Suman Alexander by giving the first sanitizer bottle to Mr. Suresh, Municipal Councilor of Kottarakkara Municipality. Mr. Suresh delivered the felicitation speech on the occasion. After that Sanitizer bottles were distributed to the College Manager Rev. Fr. Baby Thomas, College Administrator, Rev. Fr. Mathewkutty, and other staff in Manager's office.

On the same day, sanitizer bottles were supplied to the Bus drivers and conductors of KSRTC (Kerala State Road Transport Corporation) of Kottarakkara Dippo. It was also supplied to the Auto Rikshaw drivers at College Junction and also to the employees of the BSNL office at College Junction. The administrative staff of our college were also given the sanitizer.

Leaflets explaining the basic precautions to be taken against the Pandemic were also distributed along with the sanitizer bottles. The College Principal Dr. Suman Alexander has rendered full support for the successful execution of this extension activity to the nearby community and she wholeheartedly joined with the teachers while supplying the sanitizer.

Procedure Adopted for Preparation of Sanitizer

There are two main types of hand sanitizers: alcohol-based and alcohol-free. Alcohol-based hand sanitizers contain varying amounts and types of alcohol, often between 60% and 95%, and usually isopropyl alcohol, ethanol (ethyl alcohol), or n-propanol. Alcohol is known to be able to kill most germs. Here we have taken Isopropyl alcohol as the base and the other ingredients include, Hydrogen Peroxide, Aloe vera gel, and appropriate odouring agents





17/03/2020

Speech by Mr. Suresh Municipal Coouncilor



17/03/2020

Principal Dr. Suman Alexander with the Teachers of Chemistry Dept. at KSRTC Dippo, Kottarakkara



17/03/2020

Sanitizer Distribution at BSNL Office



17/03/2020

Dr. Francis Chacko explaining the correct way of Hand sanitization to the Auto Rikshaw Drivers



With the Auto Rikshaw Drivers at College Junction



Supplying Sanitizer to the Administrative staff