

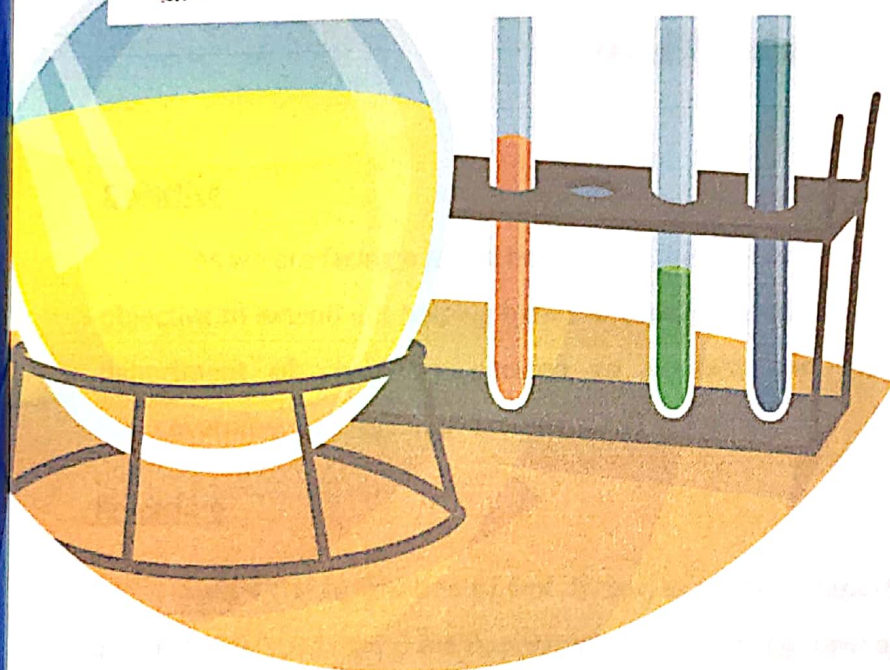


DODLA KOUSALYAMMA GOVERNMENT COLLEGE FOR WOMEN

Nellore, Andhra Pradesh - 524003

Autonomous College, College with Potential For Excellence

Re-accredited with 'A' Grade by NAAC



Hand Sanitizer

DEPARTMENT OF CHEMISTRY

2021-22





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Date: 30.03.2022

Hand Sanitizer

Objective

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 the college community. Based on this, teachers of the department of chemistry decided to prepare and distribute hand sanitizer to the D.K. government college staff members and students.

Procedure

Under the supervision of Smt. D. Surendra, HOD, department of chemistry, the teachers as well as the students of the Department prepared isopropyl alcohol-based sanitizer sticking to the World Health Organization's guidelines for the preparation of the sanitizers.

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 75% as the base and the other ingredients include, Hydrogen Peroxide 0.125%, Aloe vera gel 1.45%, and appropriate odouring agent and distilled water.



Summary

The isopropyl alcohol-based sanitizer was prepared in the laboratory by the students with the help of faculty members department of chemistry. The sanitizer bottles were distributed among the college community and are kept in the common places of our college like library, place where attendance register is kept etc.

The College Principal Dr. D. Giri, has rendered full support for the successful execution of this extension activity.



Dr. M. Muni Prasad explaining about preparation of sanitizer to the students



Students while preparing the sanitizer



Staff members of Department of Chemistry and students after completing the sanitizer preparation

List of Students Attended

ILK Dept. of chemistry



Principal
Principal
D.K.Govt. College for Women (A)
NELLORE.

Herbal Hand Sanitizer

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Lecture

19/3/22

All the staff members of chemistry department have assembled on 19/3/22 in the department and discussed the following agenda.

Agenda:- To prepare the Herbal Hand Sanitizer under the best practice and learn purpose on 19.3.22 by the students of U BSc Chemistry student.

Discussion:- Teaching and non-teaching staff of the department of Chemistry thoroughly discussed and decided to organize the preparation of herbal hand sanitizer and distribute and purchase the same to the staff and students.

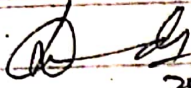
Resolution:-

① It is resolved to organize a program on the preparation of Herbal Hand Sanitizer by the U BSc Chemistry students on 19/3/22.

② It is also resolved to purchase the sanitizer prepared by our students to the college purpose in this COVID-19 pandemic situation.

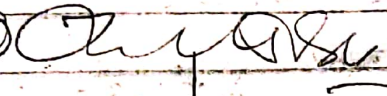
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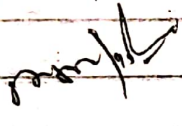
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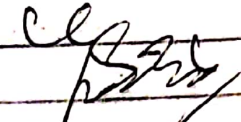
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Principal

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