

1. PREPARATION OF HAND SANITIZERS

As there is a demand in the availability of hand sanitizers in the local pharmacies due to the emergence of Covid – 19, DKM College for Women, Vellore wanted to fulfill the issue to meet out the demand. The Chemistry and Microbiology Department of the college has come out with the sanitizers following the WHO recommended Hand rub formulation. While classes have been suspended in the college, the faculties of both the departments were involved in the manufacture of the sanitizers and came up with a cost effective hand sanitizer.

The formulation includes Isopropyl alcohol / Ethanol as the main component and the remaining is the Hydrogen peroxide, Glycerol and Distilled water. Alcohol is an effective antiseptic, glycerol as a humectants and hydrogen peroxide is a cleansing agent. This sanitizer has found to be effective against most of the viruses including Coronavirus.

