



f

Office of Principal Scientific Advisor to GoI



in

Office of the Principal Scientific Adviser to the Government of India releases Advisory on “Stop the Transmission, Crush the Pandemic - Masks, distance, sanitation and ventilation to prevent the spread of SARS-CoV-2 virus”

Posted On: 20 MAY 2021 9:00AM by PIB Delhi

The Office of the Principal Scientific Adviser to the Government of India has issued a simple easy to follow guideline to “Stop the Transmission, Crush the Pandemic - Masks, distance, sanitation and ventilation to prevent the spread of SARS-CoV-2 virus” As the pandemic rages in India, we need to once again remember that simple tools and practices can reduce the spread of SARS-CoV-2 virus.

The advisory highlights the important role well-ventilated spaces play in diluting the viral load of infected air in poorly ventilated houses, offices etc. Ventilation can decrease the risk of transmission from one infected person to the other.

Just as smells can be diluted from the air through opening windows and doors and using exhaust systems, ventilating spaces with improved directional air flow decreases the accumulated viral load in the air, reducing the risk of transmission.

Ventilation is a community defense that protects all of us at home or at work. Introducing outdoor air in offices, homes and larger public spaces is advised. Measures to improve ventilation in these spaces must be taken up on urgent priority in urban and rural areas alike, recommendations for hutments, homes, offices and large centralised buildings are given. Simple strategic placement of fans, open windows and doors, even slightly open windows can introduce outdoor air and improve the air quality inside. Introduction of cross ventilation and exhaust fans will be beneficial in curtailing the spread of the disease.

In buildings with central air-management systems improving central air filtration /increased filtration efficiency is especially helpful when enhanced outdoor air delivery options are limited. In offices, auditoriums, shopping malls etc. use of gable fan systems and roof ventilators are recommended. Frequent cleaning and replacement of filters is highly recommended.

Saliva and nasal discharged in the form of droplets and aerosols, by an infected person while exhaling, talking, speaking, singing, laughing, coughing or sneezing etc. is the primary mode of virus transmissions. Infected person who shows no symptoms also transmit the virus. People without symptoms can spread the virus. People should continue wearing a mask, wear double masks or a N95 mask.

The SARS-CoV-2 virus infects a human host where it can multiply, in the absence of the host it cannot survive, and stopping the transmission of the virus from a person to another person will decrease the infection rate of the disease to a level where it can eventually die. This can be achieved only with the

support and cooperation of individuals, communities, local bodies and authorities. Use of masks, ventilation, distancing, and sanitation, the battle against the virus can be won.



Kindly click here for the Advisory



DS/AKJ



(Release ID: 1720088) Visitor Counter : 4



Read this release in: Urdu , Marathi , Hindi , Gujarati , Malayalam