



# NMD Personal Protection Equipment

**NMD Personal Protective Equipment (PPE) Suraksha:-** are protective gears designed to safeguard the health of People by minimizing the exposure to a biological agent/virus.

Components of PPE are Face-Shield Fitted in Gown, 3 Ply Mask, Coverall/Gowns, Head Cap, Shoe Cover.

**Each component rationale for its use is given Below:-**

**1.Face shield** - Contamination of mucous membranes of the eyes, nose and mouth is likely in a scenario of droplets generated by cough, sneeze of an infected person or during aerosol generating procedures carried out in a clinical setting. Inadvertently touching the eyes/nose/mouth with a contaminated hand is another likely scenario. Hence protection of the mucous membranes of the eyes/nose/mouth by using face shields is an integral part of standard and contact precautions.

**Suraksha**  
(Code Name)

**2.Triple layer medical mask:-**Masks Respiratory viruses that includes Coronaviruses target mainly the upper and lower respiratory tracts. Hence protecting the airway from the particulate matter generated by droplets / aerosols prevents human infection. Contamination of mucous membranes of the mouth and nose by infective droplets or through a contaminated hand also allows the virus to enter the host. Hence the droplet precautions/airborne precautions using masks are crucial while dealing with a suspect or confirmed case of COVID-19 performing aerosol generating procedures.

A triple layer medical mask is a disposable mask, fluid-resistant, provide protection to the wearer from droplets of infectious material emitted during coughing/sneezing/talking.

**3.Coverall/Gowns:-** are designed to protect torso of healthcare providers from exposure to virus. Coveralls typically provide 360-degree protection because they are designed to cover the whole body, including back and lower legs By using appropriate protective clothing,it is possible to create a barrier to eliminate or reduce contact and droplet exposure,both known to transmit COVID-19, thus protecting healthcare workers.

**4.Shoe covers:-** up of impermeable fabric to be used over shoes to facilitate personal protection and decontamination.

**5.Head Cap:-** Coveralls usually cover the head. Hair and hair extensions should fit inside the head cover.

## Specifications :-

Gown//Shoe Cover :- Medical Grade Non Woven Material.

Mask :- Triple layer Surgical mask.

