

INNOVATION BY *INDIAN NAVY* TOWARDS COVID-19

1. Certain in-house initiative/ innovation pursued by the Indian Navy, with an aim to contribute to the ongoing efforts toward COVID-19, which could be useful for the IONS nations is being shared for information.

Personal Protective Equipment (PPE)

2. Indian Navy, has designed and produced PPE, which meet stringent criteria. These PPE have passed 6/6 Synthetic blood penetration resistance test pressure (Government of India mandates minimum 3/6 and above level as per ISO 16603 standard). PPE are thus certified for mass production and clinical usage during COVID 19.



3. The outstanding features of the PPE are its simple, innovative and cost-effective design; thus these could be manufactured by basic gown manufacturing facility. The fabric used, gives the PPE its 'breathability' and penetration resistance rendering it both comfortable and safe for the user.





4. The cost is as low as INR 350/- for the PPE when produced on a large scale.

5. The PPE, as described above, can be manufactured at any basic gown manufacturing facility. If required by any IONS Nation, details could be provided by Indian Navy. Indian Navy could be contacted via email acnsfci@navy.gov.in or through promulgated IONS POC.