

School of Materials Science and Technology

Tender Ref. No. IIT (BHU)/SMST/RP/2020-21/Tech-Trans/Mask

Date- 08/05/2020

Item Description-

"The present invention provides a multi-layer face mask and a process of fabricating a multi-layer face mask thereof (Patent Application No. 202011016350). More particularly, the present invention provides a multi-layer face mask and a process of fabricating a multi-layer face mask with a coating of nanomaterials and uses the low electric field for protection against airborne diseases and toxic gases. Said multi-layer face mask has anti-viral, anti-bacterial and detoxification properties for high-risk conditions. The approximate cost of the mask (lone) is estimated at nearly Rs 200. This technology is ready for transfer. Interested firms/companies/start-ups and others may contact through email: rprakash.mst@iitbhu.ac.in. "