

Parisodhana Technologies brings alternative to N95 respirator

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Supported by BIRAC under Fast Track COVID-19 Fund

N95 face masks have been considered more effective in reducing the transmission of COVID-19 virus from an infected person to a non-infected one. But the usage of N95 face masks prove to be uncomfortable for many and are mostly unwashable.

Hyderabad-based startup Parisodhana Technologies was supported partly by BIRAC and IKP Knowledge Park, under the Fast-Track COVID-19 fund to develop hybrid multiply face masks, SHG-95[®] (Billion Social Masks).

These 'Made in India' face masks provide high particulate (>90%) and bacterial filtration efficiency (>99%).

The face masks so developed ensure high breathability, have comfortable ear loops, and are convenient to be used even in tropical conditions since they are prepared from purely hand weaved cotton contact materials. A special filtration layer is an added advantage.

The cost of these hand washable and reusable face masks has been estimated as Rs 50-75 per piece by the company, making it affordable for general public as well.

With around 145000+ units sold, this initiative, which is also funded by Grand Challenges Canada, has been designed to meet the demands in times of COVID-19, while improving the livelihoods of many Self-Help Groups (SHGs).

The founders of Parisodhana Technologies envision to create solutions to problems faced by the mankind through utilising applied research and affordable product development.