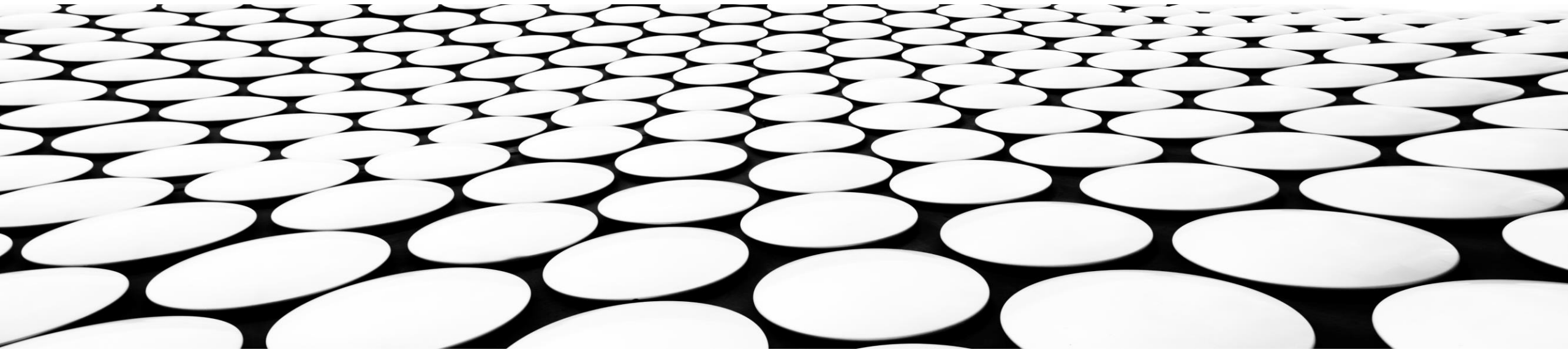




IIT Kanpur



N95 MASK PRODUCTION AND SCALE UP



4 PLY MASK TECHNOLOGY WITH 95 % EFFICIENCY



■ Development

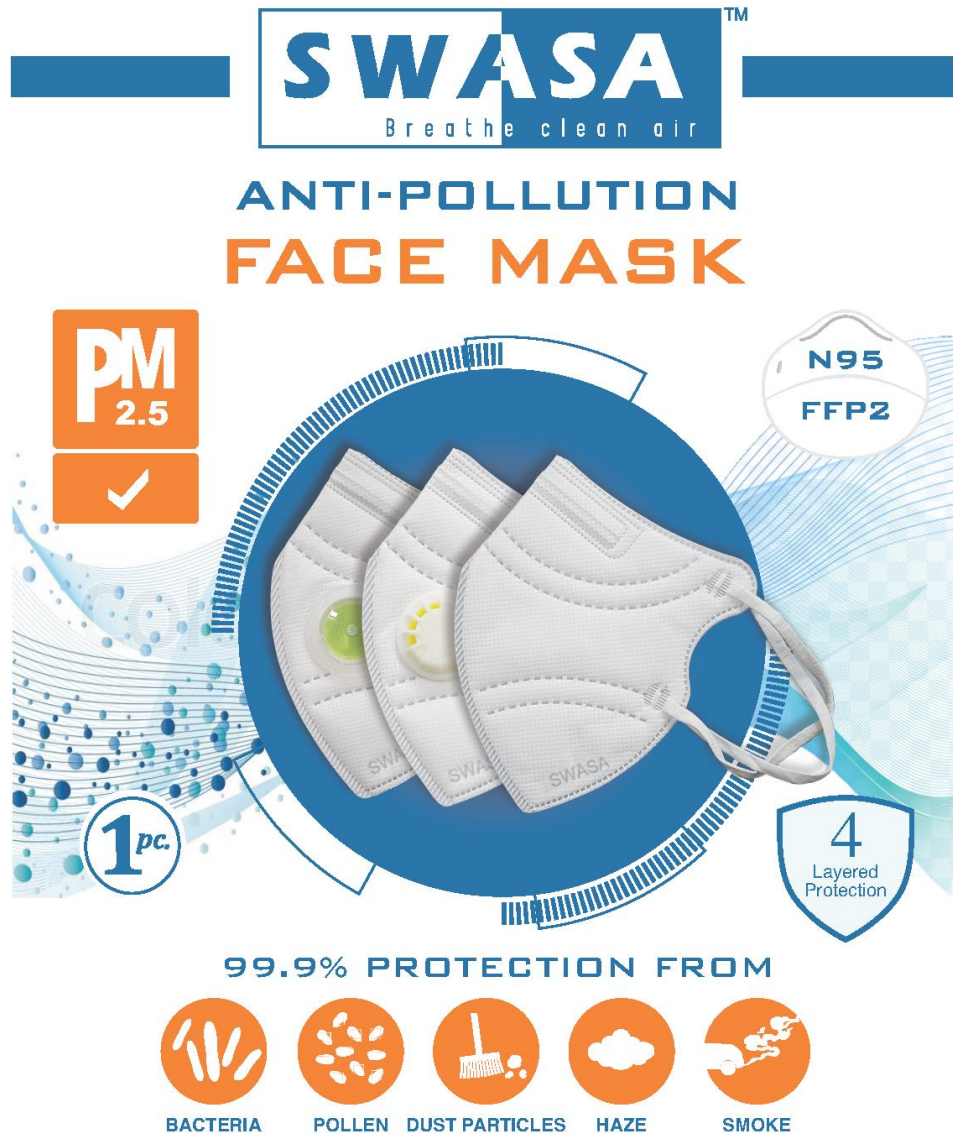
- 4 ply mask with similar filtration efficiency to N95 mask
- Develop with Nanofiber coating
- Develop with modified static charge coating

■ Commercialization

- Production is started
- Producing 500 per day

■ Challenges

- Technology scale-up



■ Commercialization

- Product already in the market. We have capacity of 15K per day

■ Challenges

- Presently we have a capacity of 15K mask per day
- We would like to setup manufacturing facility with two machines to enhance the production upto 70 thousand mask per day
- To enhance the capacity requires ~3 crore funding

THANK YOU

sandip@espinnanotech.com

siic@iitk.ac.in

www.espinnanotech.com

www.iitk.ac.in