



Specially
Designed
for Viruses

#Breathe WOW
AIRLENS



N99 Level 20 times
washable mask
With World's 1st AMT¹

Invented by scientist from **IIT, AIIMS** and **Stanford University**

Active Molecular Technology

We at Airlens are producing N99 masks using world's first AMT (active molecular technology) indigenously developed by scientists from AIIMS, Stanford and IIT. AMT is an innovative technology invented by our team, which purifies the air without hampering the flow of air passing through its membrane. Based on the molecular trapping mechanism, it entraps air particles of size 1 and 2.5 microns in the air with an efficiency of 99%. A major breakthrough in this technology is that it offers very less airflow resistance



With World's
1st AMT
(Active Molecular
Technology)



Washable
upto 20 times



Non-valve design
for better
protection from
viruses



Better Breathing
Technology

People Behind



Dr. Shashi Ranjan

Dr. Shashi is a biomedical scientist from NUS, Singapore, where he gained expertise in microfluidics and nanotechnology. Post doctoral research at Stanford University and SIB Fellowship at AIIMS inspired him to utilize his knowledge to contribute to society.



Debayan Saha

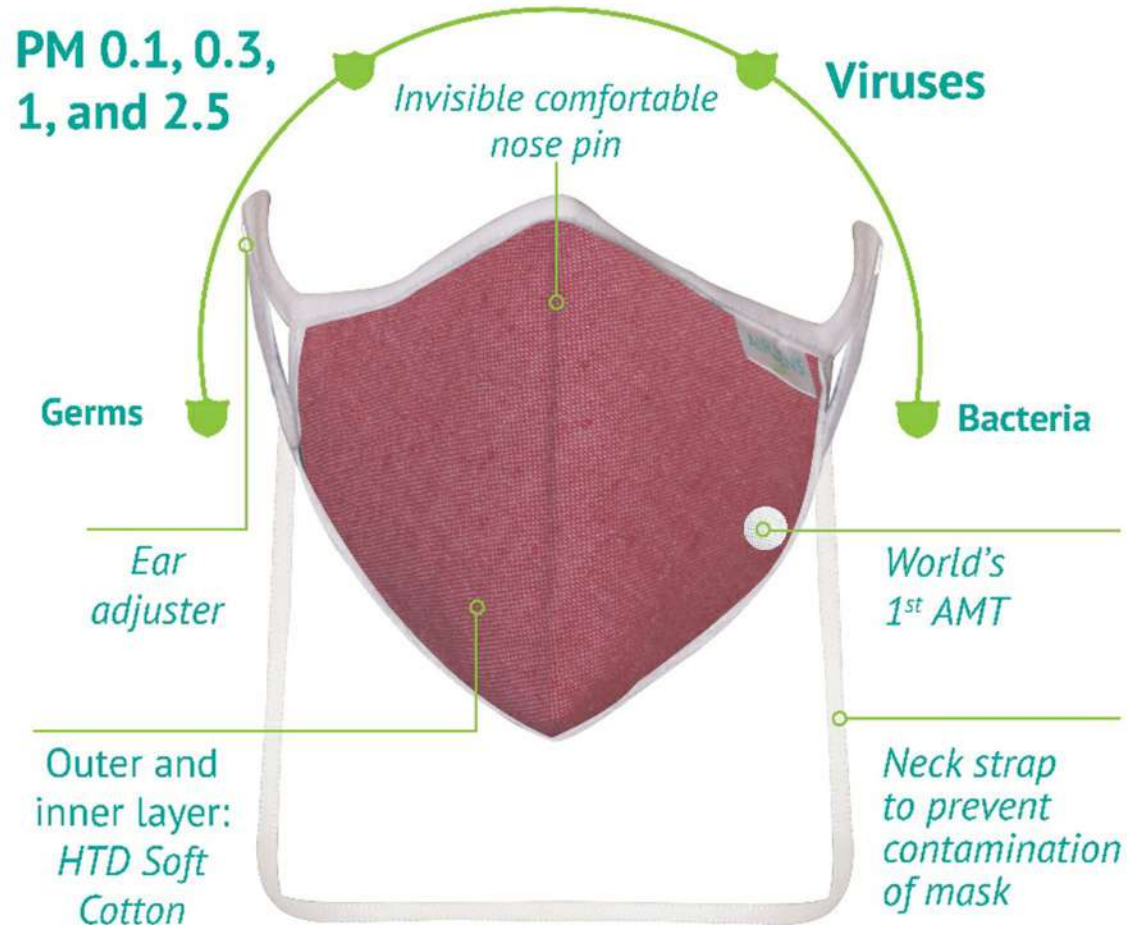
An entrepreneur at heart, Debayan has given shape to many innovative healthcare devices. After IIT, he joined Global Biodesign Fellowship at Stanford University where he got the ideal platform to positively impact lives of millions.



Yogesh Agarwal

After graduating from IIT, he worked on developing and manufacturing Aerospace Systems to meet stringent quality standards. He is using those principles to create meaningful solutions that would make a difference.

Features



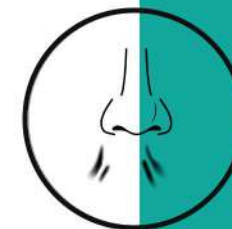
Unique Features



With World's
1st AMT
(Active Molecular
Technology)



Washable
upto 20 times



Better Breathing
Technology



Adjustable Mask
Strap / Sports Cord

(For hanging the mask while eating or
drinking water, to avoid contact with
unhygienic surfaces)



Complimentary Sun
Sanitizing Pouch for
better protection

(For sanitizing the mask under the
Sun for longer and better protection
limiting the wash)

Lab test results

N99Level

20 times washable mask



Bacteria Filtration Efficiency (BFE):

Staphylococcus
aureus (MTCC 737)

99.54%

E.Coli (MTCC 443)

99.72%

Aspergillus niger
(MTCC282)

99.68%

Particle Filtration Efficiency

Before Wash

98.47%

After Wash

97.86%

Protection from

PM 0.1, 0.3,
1 and 2.5



Basis	Airlens N99 level 20 times washable mask	Conventional N99 Masks	Conventional N95 level Masks	Ordinary Cloth Masks
NO-VALVE Better breathing tech, <i>Specially designed for Viruses</i> (As per ministry's directive, don't wear a mask with valve)	✓	✗	✗	✗
Particle <i>Filtration efficiency</i>	98%+	99%+	95%+	—
Bacteria <i>Filtration Efficiency</i>	99.5%+	99%+	95%+	—
<i>Environmental Friendly Material</i>	✓	✗	✗	✓
Sun Sanitization zipper for <i>wash free sanitization</i>	✓	✗	✗	✗
Neck Strap: To avoid the mask from surface contamination	✓	✗	✗	✗
Washable up to <i>20 times</i> with a life of 2 months+	Yes	Model to Model	Model to Model	—
CE certified <i>World's 1st AMT</i>	Yes	No	No	—

Awards



Associations



Media



Clientele



Transforming Lives, Achieving New Heights



More Than Half A Million Lives Touched

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