



## PerSapien Innovations Company Summary

Established in 2017, PerSapien Innovations is driven by the beliefs that basic healthcare should be available to all (**Per**) and that the right to life is fundamental for humankind (**Sapien**). Following the creed of “Health for All”, PerSapien’s team of scientists, doctors and engineers from Stanford University, AIIMS, IIT passionately develop and facilitate technological and non-technological healthcare solutions which are user-friendly, accessible, and appreciated by all.

Guided by the values of hope, empathy, and purpose, PerSapien recognizes that healthcare is a universal sector, touching and impacting the lives of all individuals. Hence, our determination to democratize optimal health for all.

To achieve this mission, our team has developed a suite of flagship products targeted to protect individuals from the harmful impacts of air pollution and we have been actively working to fight the ongoing COVID-19 pandemic. These products include:

**Airlens Minus Corona:** As a preventive measure against coronavirus, we have developed technology which can disinfect and sanitize surfaces and air of coronavirus, that too just by using water and electricity which are commonly available resources with no harmful effect on humans.

**Airlens Car Air Sanitizer:** An innovative and affordable product that sanitizes/purify air inside cabin of a car as per WHO standards within 2 minutes. It cleans PM1, PM2.5, Harmful gases, bacteria, germs, VOCs etc. The product has been trusted by the Swedish automobile maker, Volvo.

**-2.5 (minus 2.5):** An unique, world's first invention that kills air pollution using air pollution. This product can fit in the tailpipe of a vehicle and neutralizes pollution in the ambient air equivalent to pollution emitted from 10 other cars.

**Airlens Nasal air purifier:** an innovative nasal air purification device which allows users to breathe purified air safely and comfortably.

**Airlens data:** a free mobile application which provides hyper-local Air Quality Information (AQI) statistics to users based on their location.



### Founders:

Dr. Shashi Ranjan, PhD, Biomedical Engineering, NUS, Singapore. Stanford Global Biodesign Fellow (Stanford University), SIB Fellow(AIIMS, IIT Delhi). Visiting Faculty, School of International Biodesign, AIIMS. Pfizer Innovation & IP Grantee, IIT Delhi.

Debayan Saha, Mtech & Btech, IIT Kharagpur, Stanford Stanford Global Biodesign Fellow (Stanford University), SIB Fellow (AIIMS, IIT Delhi). Visiting Faculty, School of International Biodesign, AIIMS. Pfizer Innovation & IP Grantee, IIT Delhi

Yogesh Agarwal: Btech, IIT Ropar. Worked with DRDO for development of Rustom II (an indigenous UAV for Indian Defence).

**Key Advisors:** Padmashri Prof. Randeep Guleria (Director, AIIMS, New Delhi), Prof. Rajiv Doshi (Stanford University), Prof. Alok Ray (IIT Delhi)

The company and its products have received copious media attention in India and have won prestigious national and international awards.

### Recent achievement:

PerSapien Innovations has won the prestigious position in **Google Launchpad** program 2019, where every year Google selects top startup innovations to give them 360 degree support.

Selected at Microsoft Accelerator Program.

### Few notable awards that PerSapien has won:

- 1) Runners-Up Bay Area Global Health Innovation Challenge, Berkeley, California, USA, 2016, as team 'Nosacle'
- 2) Top 10 Promising Changemakers from Asia, Social Venture Challenge, DBS-NUS , Singapore, 2017, as team 'Nosacle'



- 3) Best Innovator award at Startup 2018, felicitated by Akshay Kumar star from PADMAN movie
- 4) UN Young Entrepreneurs, China, 2018
- 5) Winner of Pfizer IIT D Innovation & IP program
- 6) Awarded 'YES I am the Change' By YES foundation for 2018
- 7) Winner of Startup Inspire Award at IIF 2018
- 9) Winner of 'Enzen' innovation awards, UK 2019
- 8) 'Tech for Good' and 'Public Choice' awards at Megacities Shortdocs Paris 2018
- 9) "Good Air Innovation" award and "Best Car Air Purifier" award at Good Air Summit, 2019, New Delhi

#### Recent Media coverage of PerSapien Innovations:

1. <https://www.youtube.com/watch?v=S0FV5r5TC4E> (DD News)
2. <https://www.youtube.com/watch?v=W2YPZUa94Ag> (NDTV Muqabala, Hindi)
3. [https://www.youtube.com/watch?v=ctz\\_UL1GAUg](https://www.youtube.com/watch?v=ctz_UL1GAUg) (NDTV Big Fight)
4. <https://timesofindia.indiatimes.com/city/delhi/fighting-pollution-with-the-help-of-pollution/articleshow/71622408.cms>
5. <https://www.ndtv.com/india-news/iit-kharagpur-graduate-develops-device-to-curb-air-pollution-2118051>
6. <https://www.dailypioneer.com/2019/state-editions/iit-kgp-alumnus-develops-device-to-trap-vehicular-pollutants.html>
7. <https://www.newindianexpress.com/cities/delhi/2020/mar/21/meet-airlens-minus-corona-device-developed-by-delhi-duo-to-sterilise-capital-2119709.html>
8. <https://www.india.com/viral/airlens-minus-corona-stanford-iit-alumni-develop-intelligent-robot-for-chemical-free-disinfection-of-public-places-4026570/>
9. <http://www.millenniumpost.in/delhi/machine-to-curb-air-pollution-soon-379747>
10. <https://economictimes.indiatimes.com/news/politics-and-nation/demand-for-anti-pollution-products-hike-during-festive-season/articleshow/71556781.cms?fbclid=IwAR0Da3Lcw-YWDg5ctDmcCkusTbhQRLQzVD2XSOR6POjibZdniICrm5I9IU8>



### Some notable Media coverage in past:

- 1) <http://www.indiatvnews.com/video/aaj-ki-baat/aaj-ki-baat-good-news-youths-invented-air-filter-to-protect-any-one-from-air-pollution-411990>
- 2) <https://timesofindia.indiatimes.com/city/chennai/nasal-aid-turns-chennai-toxins-into-fresh-air/articleshow/57011701.cms>
- 3) <https://news.stanford.edu/features/2015/biodesign/>
- 4) <https://economictimes.indiatimes.com/small-biz/startups/-personal-air-purifier-wearable-shashi-r-anjan-debayan-saha-harsh-sheth-persapien-air-pollution/articleshow/61129231.cms>
- 5) <https://www.ndtv.com/india-news/this-new-nasal-mask-for-children-from-prosapiens-purifies-air-right-at-the-nostrils-1768315>
- 6) <http://aajtak.intoday.in/story/airlens-nose-device-to-protect-from-polluted-air-1-960197.html>
- 7) <https://yourstory.com/2017/02/nosacle-pollution-iit-delhi/>
- 8) <https://www.thebetterindia.com/132888/airlens-nasal-filter-persapien-iit-aim/>
- 9) [https://www.liberation.fr/planete/2019/01/01/filtres-antipollution-un-nouveau-nez-chez-les-start-up-indiennes\\_1700619?fbclid=IwAR1qsuTZEKDtutn\\_a8bj2F5huUb4zypOfC\\_s6VC3gxNRQPIWBgvvcjQg7dw](https://www.liberation.fr/planete/2019/01/01/filtres-antipollution-un-nouveau-nez-chez-les-start-up-indiennes_1700619?fbclid=IwAR1qsuTZEKDtutn_a8bj2F5huUb4zypOfC_s6VC3gxNRQPIWBgvvcjQg7dw) [French Media]

### Some of videos about PerSapien Innovations and its product:

1. <https://www.youtube.com/watch?v=wtncpqSbHnQ> (Saving Sapiens)
2. <https://www.youtube.com/watch?v=x01eQK15k7U&t=826s> (ET NOW Founder's Interview)
3. <https://www.youtube.com/watch?v=VyBGhOkft9s&t=4s> (Airlens Car Air Sanitizer Product)
4. [https://www.youtube.com/watch?time\\_continue=16&v=MsvPDjo8fjl](https://www.youtube.com/watch?time_continue=16&v=MsvPDjo8fjl) (-2.5)