

CAWACH

The Centre for Augmenting WAR with
COVID-19 Health Crisis (**CAWACH**)



An initiative of DST, Govt. of India



The Centre for Augmenting WAR with COVID-19 Health Crisis (CAWACH), an initiative by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), Government of India, launched at the onset of the Covid-19. The objective of CAWACH was to support high impact products and solutions by startups that addressed various challenges emerged due to severe impact of the Pandemic under broad five thematic areas. The focus was to identify near-ready, ready products and solutions for deployment or manufacturing scaleup or repurposing of existing products and services that can be quickly deployed.

CAWACH was implemented by the CAWACH Main Centre in partnership with seven other CAWACH Satellite and Affiliate Centres and Indian STEPS and Business Incubator Association (ISBA).



सत्यमेव जयते

डॉ. एस. चंद्रशेखर
Dr. S. Chandrasekhar



एक कदम स्वच्छता की ओर



सचिव
भारत सरकार
विज्ञान एवं प्रौद्योगिकी मंत्रालय
विज्ञान एवं प्रौद्योगिकी विभाग
Secretary
Government Of India
Ministry of Science and Technology
Department of Science and Technology



01st August, 2022.

Foreword

Department of Science and Technology (DST), Government of India has played a key role in shaping startup culture in the country. Keeping with its objective of supporting entrepreneurship for societal impact, DST became the first Department to allocate dedicated fund for covid-19 specific solutions to be sourced from startups in March 2020 under a national project CAWACH-Centre for Augmenting War with Covid-19 Health Crisis. The aim of CAWACH was to identify and accelerate the process to provide financial support to startups with innovations, solutions and products to address the immediate challenges emerging from the pandemic on multiple fronts at that point of time. I am glad to see the passion and performance of these selected startups in implementing their solutions Pan-India, many of them also received follow-on support from other sources. I would like to congratulate the Team of NSTEDB, DST in conceptualising and implementing this program in a speedy manner and also SINE-IITB and incubators in the successful implementation of CAWACH Program.

(S. Chandrasekhar)

डा. अनिता गुप्ता
सलाहकार एवं प्रमुख, इनोवेशन एवं
इन्ट्रेप्रेन्योरशिप (एनएसटीईडीबी)

Dr. Anita Gupta
Advisor & Head, Innovation and
Entrepreneurship (NSTEDB)*



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
Technology Bhavan, New Mehrauli Road,
New Delhi - 110016 (India)



1st August , 2022



PREFACE

Startups are the catalyst of change for any economy. The Startup India program has fuelled the ecosystem with strong policy and program support by the government. Today, we see the presence of strong technology and science-based startups across various technology sectors contributing to the nation's mission of self-reliance.

DST has been at the forefront of creating a conducive environment for innovation and entrepreneurship. The Department has played a very important role in creating capacity through its various innovations and entrepreneurship schemes to promote startups that would serve the country's problems and needs. DST-CAWACH was a Covid-19 specific national initiative to support agile innovations and solutions that could be repurposed for addressing Covid-19 specific challenges at the onset of the pandemic. The initiative was implemented in partnership with DST-supported incubators. Under CAWACH, fifty-one startups were identified in five thematic areas. I am particularly very excited to note that 45 products were launched under CAWACH in a very short span. The startups also donated products approximately worth of Rs. 13.15 cr. Impact of CAWACH reached 28 states across India. CAWACH also proved the combined capabilities of the government, startups and startup enablers to respond the national crisis.

My heartiest congratulations to the wonderful effort made by the CAWACH funded startups, who through innovative products and solutions came forward to deal with the unprecedented health crisis and contributed towards Atmanirbhar Bharat Mission. I would like to compliment Team NSTEDB , especially Sh. Praveen Roy , SINE IITB and the Incubators who co-partnered in implementing CAWACH Program for their efforts and commitment in making the program successful .


(Anita Gupta)

प्रवीण राय
वैज्ञानिक एफ
नवोन्मेष एवं उद्यमिता विकास

Praveen Roy
Scientist F
Innovation & Entrepreneurship
Development



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
Technology Bhavan, New Mehrauli Road,
New Delhi - 110016 (India)



DST-CAWACH was an initiative to create preparedness in the country for immediate challenges arising out of the Covid-19 health crisis. The program was conceived to support products, solutions and innovations from startups in the areas of diagnostics & therapeutics to mitigate various challenges faced by the country due to the severe impact of the COVID-19 pandemic. Given the nature of the crisis, the entire program was implemented within 3 months to enable the startups accelerate their solutions and products launch.

It was so encouraging to see the various stakeholders such as the government, incubators, innovators, startups, industries and the follow-on investors working together during the crisis for a country-wide impact. I would like to acknowledge the efforts of SINE, IIT Bombay and partner incubators in implementing the CAWACH program in a very short span of time. The coordinated efforts in the implementation of this program and the support extended by the strong network of incubators and startups are remarkable. This has built great confidence in our strengths for effectively addressing any challenge faced by the country.

I extend my sincere appreciation and congratulate the entire team of CAWACH program and startups for their noteworthy efforts in the execution of the program and for bringing out very encouraging results.

(Praveen Roy)

CAWACH MAIN CENTRE



Society for Innovation and Entrepreneurship - SINE, IIT Bombay

IMPLEMENTING PARTNER



Indian STEPs & Business Incubators Association - ISBA

SATELLITE CENTRES



SINE, IIT Bombay



FIIT, IIT Delhi



Venture Centre, NCL, Pune



IKP Knowledge Park, Hyderabad



HTIC, IIT Madras



SIIC, IIT Kanpur



KIIT - TBI, Bhubaneswar

AFFILIATED CENTRES



PSG-Science & Technology Entrepreneurial Park (PSG-STEP)



VIT-TBI, Vellore



THRUST AREAS

DIAGNOSTIC

Rapid Antibody and antigen diagnostic kits, Genomics based mapping solutions, Safe sample collections, Reagents, and other diagnostic kits

INFORMATICS

Health care information systems, any containment solutions involving software / mobile applications, Geofencing, Logistics, Patient tracking / monitoring systems, Crowd management, Movement tracking and tracing

PERSONAL PROTECTIVE EQUIPMENTS

Masks, Shields, Suits, Goggles, Linen and Disposable gowns, Gloves, Lab Shoes, and relevant medical accessories

STERILIZERS AND DISINFECTANTS

Sanitizers, Disinfectants, allied systems such as Booths / Community disinfectant stations and chambers, Surface sterilization units (preferably automated & IoT enabled), Bio-hazardous waste management solutions, Large scale sanitization and sterilization

VENTILATORS AND RESPIRATORY CARE DEVICES

Portable ventilators, Respirator, Resuscitator, Pulse oximeters, Oxygen concentrators and other peripheral medical equipment such as Contactless thermometers & Stethoscopes, Patient monitoring system, accessories



DST CAWACH program received an overwhelming response with

826

applications in various thrust areas such as PPEs, Disinfectants and Sanitizers, Diagnostics and Devices, Informatics, Ventilators, and other medical equipments







51






Startup Companies

have been awarded the **CAWACH FUND** to the tune of

Rs 3,965.05 Lakhs

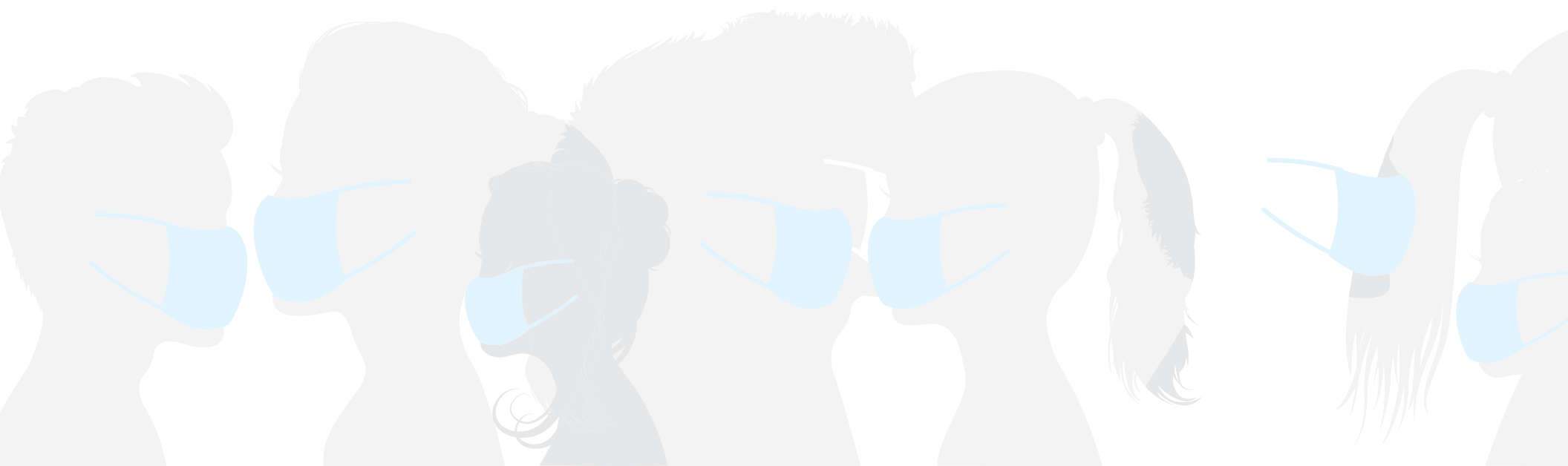
during the launch of the program in June 2020 and many have generated revenues, generated employment, donated funds, filed patents, impacted many lives and successfully running the projects. This book covers information about the impact of the 51 awardees, their innovations, present status and overall outcome.

IMPACT

	DIAGNOSTIC	INFORMATICS	PPE	STERILISERS AND DISINFECTANTS	VENTILATORS AND RESPIRATORY CARE DEVICES	TOTAL
						
Funds approved (Rs. in Lakhs)	1,150	995	629	725.75	465.30	3,965.05
No. of companies	10	15	11	10	5	51
Products launched	8	13	11	9	4	45
Companies having started revenues (in No.'s)	5	13	11	9	4	42
No. of startups having started donations	7	10	11	7	5	40
Value of products donated (Rs. in Lakhs)	342.95	284.50	349.36	177.27	161.09	1,315.18
Further funds raised (Rs. in Lakhs)	625	5,812.10	315	461	542	7,755.10
Lives impacted (Figures in Lakhs)	1.91	121.64	3.20	75.23	1.14	203.12

*Figures as on 31 July 2022

COMPANIES
SUPPORTED



DIAGNOSTIC

20

Aura Biotechnologies Pvt. Ltd.

Healthcare Technology Innovation Centre (HTIC),
IIT Madras

30

OmiX Research and Diagnostics Laboratories Pvt. Ltd.

IKP Knowledge Park, Hyderabad

22

Chimera Translational Research Fraternity Pvt. Ltd.

KIIT Technology Business Incubator,
KIIT Bhubaneswar

32

Patanjali Pharma Pvt. Ltd.

SINE, IIT Bombay

24

Endimensions Technology Pvt. Ltd.

SINE, IIT Bombay

34

PathShodh Healthcare Pvt. Ltd.

IKP Knowledge Park, Hyderabad

26

Huwel

KIIT Technology Business Incubator,
KIIT Bhubaneswar

36

Prantae Solutions Pvt. Ltd. OPC

KIIT Technology Business Incubator,
KIIT Bhubaneswar

28

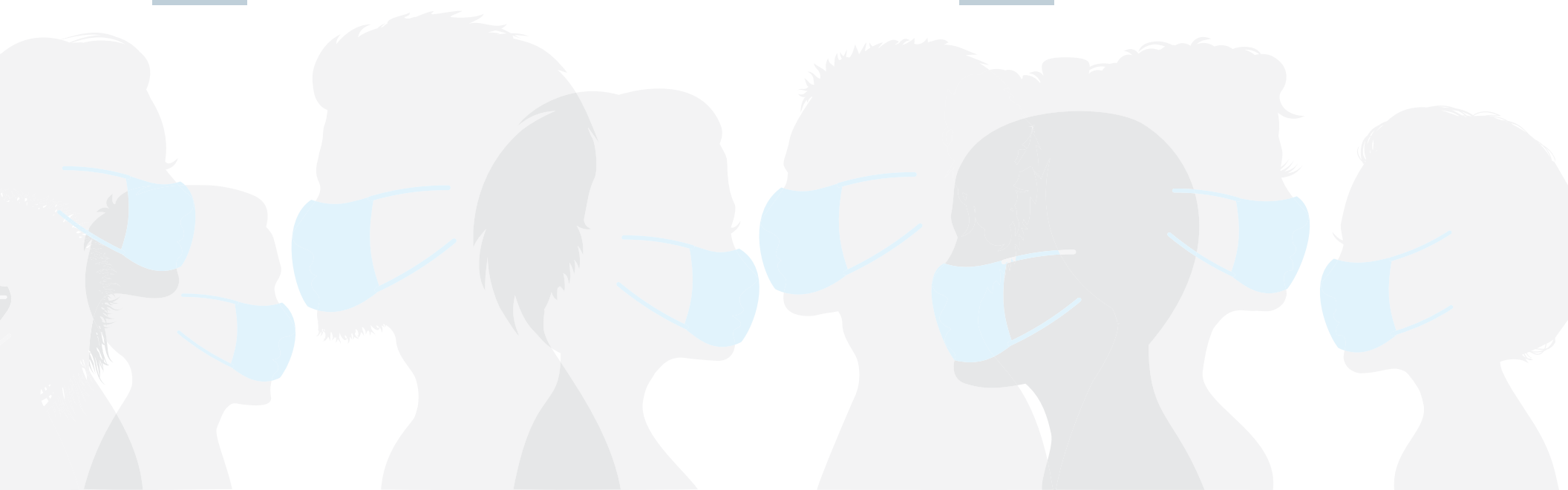
InnoDx Solutions Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi

38

ShanMukha Innovations Pvt. Ltd.

Venture Centre, NCL Pune



INFORMATICS

40	Acculi Labs Pvt. Ltd. Healthcare Technology Innovation Centre (HTIC), IIT Madras	54	Sarvodaya Infotech Pvt. Ltd. Foundation for Innovation and Technology Transfer (FITT), IIT Delhi
42	Agrex Technologies Pvt. Ltd. Foundation for Innovation and Research in Science and Technology (F.I.R.S.T), IIT Kanpur	56	Teslon Technologies Pvt. Ltd. Healthcare Technology Innovation Centre (HTIC), IIT Madras
44	Cloudphysician Healthcare Pvt. Ltd. Healthcare Technology Innovation Centre (HTIC), IIT Madras	58	Thinkerbell Labs Pvt. Ltd. KIIT Technology Business Incubator, KIIT Bhubaneswar
46	Haystack Analytics Pvt. Ltd. SINE, IIT Bombay	60	Turtle Shell Technologies Pvt. Ltd. IKP Knowledge Park, Hyderabad
48	Ohealer Healthcare Services Pvt. Ltd. IKP Knowledge Park, Hyderabad	62	Vacus Tech Pvt. Ltd. SINE, IIT Bombay
50	Predible Health Pvt. Ltd. IKP Knowledge Park, Hyderabad	64	Xequalszero Pvt. Ltd. Foundation for Innovation and Research in Science and Technology (F.I.R.S.T), IIT Kanpur
52	QuikDr HealthCare Pvt. Ltd. IKP Knowledge Park, Hyderabad	66	Zbliss Technologies Pvt. Ltd. Healthcare Technology Innovation Centre (HTIC), IIT Madras

PERSONAL PROTECTIVE EQUIPMENTS (PPE)

68

Afresh Technology Solutions Pvt. Ltd.

SINE, IIT Bombay

80

PQR Technologies Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi

70

Aerofil Filters India Pvt. Ltd.

Healthcare Technology Innovation Centre (HTIC),
IIT Madras

82

Printalytix Pvt. Ltd.

Healthcare Technology Innovation Centre (HTIC),
IIT Madras

72

Bendable Technology Solutions Pvt. Ltd.

Venture Centre, NCL Pune

84

RMMedi Innovations Pvt. Ltd.

KIIT Technology Business Incubator, KIIT Bhubaneswar

74

Comofi Medtech Pvt. Ltd.

KIIT Technology Business Incubator,
KIIT Bhubaneswar

86

Saral Design Solutions Pvt. Ltd.

SINE, IIT Bombay

76

Nanoclean Global Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi

88

Virtuoso Optoelectronics Pvt. Ltd.

Venture Centre, NCL Pune

78

PiRhoAlpha Research Pvt. Ltd

Venture Centre, NCL Pune

STERILIZERS AND DISINFECTANTS

90

AgroNxt Services Pvt. Ltd.

Foundation for Innovation and Research in Science
and Technology (F.I.R.S.T), IIT Kanpur

100

Luxlighting Technology Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi

92

Eta Purification

KIIT Technology Business Incubator,
KIIT Bhubaneswar

102

MicroGO LLP

IKP Knowledge Park, Hyderabad

94

Exact Pipes And Moulds Pvt. Ltd.

Foundation for Innovation and Research in Science
and Technology (F.I.R.S.T), IIT Kanpur

104

SS Maser Technology Pvt. Ltd.

Foundation for Innovation and Research in Science
and Technology (F.I.R.S.T), IIT Kanpur

96

Hacklab Solutions Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi

106

Weinnovate Biosolutions Pvt. Ltd.

Venture Centre, NCL Pune

98

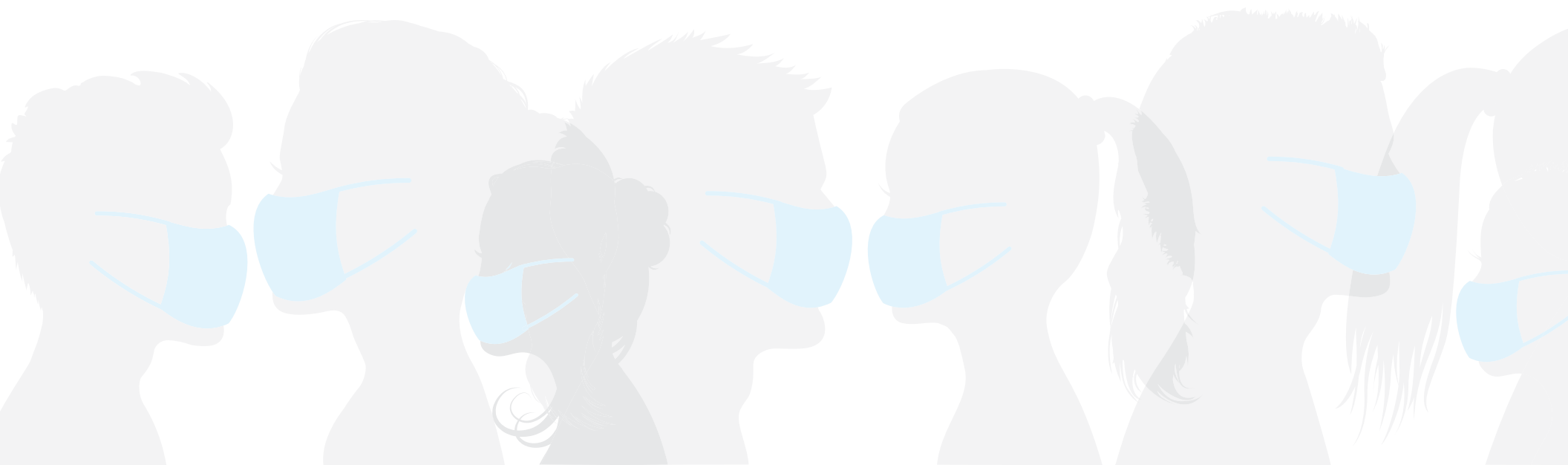
Inphlox Water Systems Pvt. Ltd. (Indra Water)

SINE, IIT Bombay

108

Wide Need Pvt. Ltd.

Foundation for Innovation and Technology
Transfer (FITT), IIT Delhi



VENTILATORS AND RESPIRATORY CARE DEVICES

110

Aerobiosys Technologies Pvt. Ltd.

IKP Knowledge Park, Hyderabad

112

Ayu Devices Pvt. Ltd.

SINE, IIT Bombay

114

Jeevtronics Pvt. Ltd.

Venture Centre, NCL Pune

116

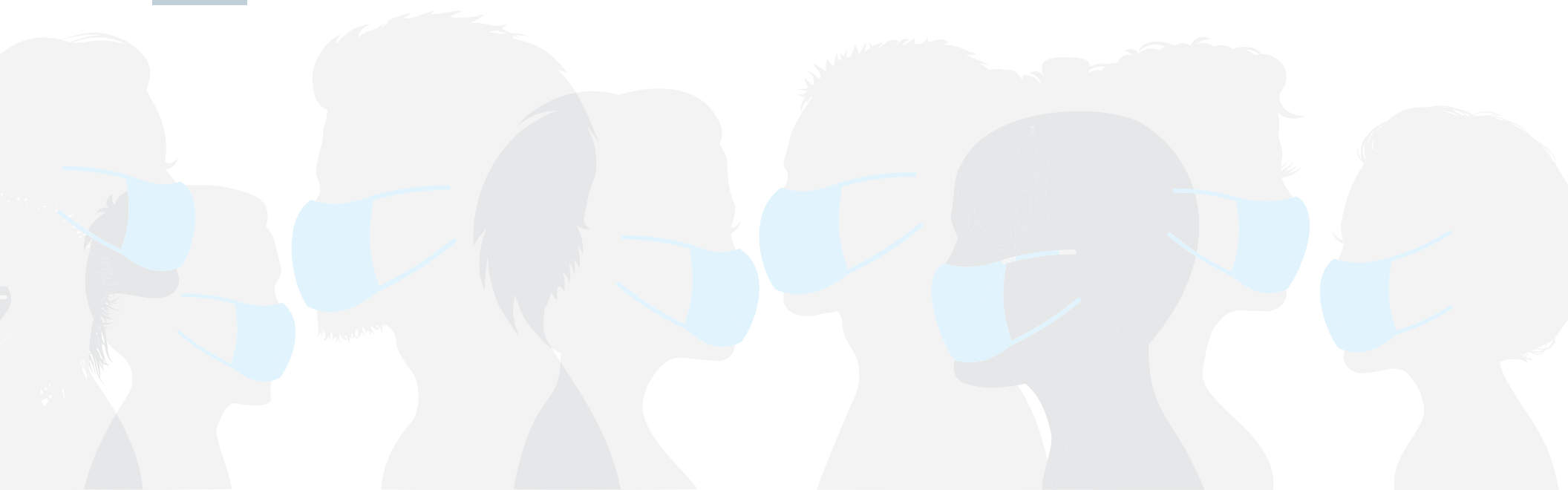
Nocca Robotics Pvt. Ltd.

Foundation for Innovation and Research in Science and Technology (F.I.R.S.T), IIT Kanpur

118

Walnut Medical Pvt. Ltd.

Foundation for Innovation and Technology Transfer (FITT), IIT Delhi





AURA BIOTECHNOLOGIES PVT. LTD.

Chennai

PRODUCT

COVID-19 LAMP PCR Kit

THRUST AREA

Diagnostic

APPLICATIONS

The product detects COVID-19 VIRUS using isothermal PCR technology.

IMPLICATIONS

Developed as research kit and supplied to many researchers across the country. The kit is under ICMR validation for the commercialization.



<https://aurabiotech.com/>



FOUNDER

Dr. PAZHANIMUTHU



Revenue
Generated



Funding Amount
Approved



Employment
Generated

₹ 6.25 L

₹ 50 L

93





CHIMERA TRANSLATIONAL RESEARCH FRATERNITY PVT. LTD.

New Delhi

PRODUCT

Diagnostic Method to Detect the
Potency of Therapeutic Plasma,
Via a Sophisticated Assay

THRUST AREA

Diagnostic

APPLICATIONS

CARP Therapy (COVID Antibody Rich Plasma): A swift and scalable solution
Convalescent plasma is the plasma obtained from a person who has recently
recovered (28 days after recovery) from an illness. Hence, based on the
hypothesis that a number of individuals would have acquired natural immunity
against the virus and the concepts of convalescent plasma, the company wish
to test the hypothesis if the passive immunity from voluntary blood donors can
be as effective and if so can it be standardized for treating critical COVID 19
patients through a double-blind trial disease conditions.



<http://translational.in>



FOUNDER
VIMARSH RAINA



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 90 L

12

481+

₹ 40 L+





ENDIMENSIONS TECHNOLOGY PVT. LTD.

Mumbai

PRODUCT

Medical Imaging AI Solution for
COVID-19 (C-19) Pandemic

THRUST AREA

Diagnostic

APPLICATIONS

The medical imaging AI solution detects radiological features of C-19 from medical scans. TMH has recently allocated dedicated facilities for C-19 patients.

The AI solution has two key features: Automatically triage COVID-19 suspected patients and separate them from Non-COVID patients. This will facilitate faster turnaround times and suggest the right course of action to patients. It will also impact patient flow, wait times, resource utilization and allocation, and risk-stratification. Automatically monitor COVID-19 confirmed patients. AI can detect abnormalities in images and track the progression/regression of disease. This will indicate the evidence of recovery or worsening of the patient. The company plans to evaluate the evolution of the disease in each patient over time, generating a "Corona score".

 <https://endimension.com>



FOUNDER
BHARADWAJ KSS



Revenue
Generated



Funding Amount
Approved



Additional Funds
Raised



Employment
Generated



Lives
Impacted



Donations
Made

₹ 2 L

₹ 1.5 Cr

₹ 2.3 Cr

25

> 1.12 L

₹ 75 L+



AI Findings

There is presence of multiple radiopacities in both the lung fields which indicates high risk of COVID-19 infection and warrants further evaluation.

COVID RISK: HIGH

Please Upload Maximum 10 Chest X-Rays **
(DICOM/PNG/JPEG)



Patient Name: Anonymous
Patient ID: H1-382ANON
Study Date: 16-10-2020

COVID RISK - HIGH
LOCATION - BILATERAL

Lung Lobes	Percentage involvement	Lobar score
Right lower	46.01 %	3/5
Right upper	18.4 %	2/5
Right middle	10.65 %	2/5
Left upper	24.59 %	2/5
Left lower	34.62 %	3/5



HUWEL LIFE SCIENCES PVT. LTD.

Hyderabad

PRODUCT

RT-PCR Test Kit

THRUST AREA

Diagnostic

APPLICATIONS

Huwel expanded its activities in medical devices park, Sultanpur, Telangana with a GMP facility built in about 50,000 sq.ft. with about 20,000 sq.ft. of ISO7/8 classified clean rooms. The state of the art facility is completely equipped with the needed infrastructure and clean rooms for development and manufacturing of End Point PCR, Real-Time PCR kits, Enzymes, Primer Probes, PCR mixes, Nucleic Acid Extraction Kits and Reagents . The current facility is CE, US FDA and MDR compliant with a manufacturing capacity of over 100 million PCR tests per annum and scaleup capabilities. With a policy that empowers employees, the company is backed with qualified and experienced team that always strive to deliver high quality molecular products.



<http://www.huwellifesciences.in/>



FOUNDER
RACHANA TRIPATHI



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 54 Cr

₹ 1.75 Cr

45

> 1.90 Cr

₹ 67 L





Gurgaon

COVID-LAMP Colour Kit

Diagnostic

The company propose to develop loop-mediated isothermal amplification (LAMP) PCR based kit for COVID-19 detection. Shorter reaction time with visual judgment of positivity without requiring sophisticated equipment (as LAMP PCR takes place at isothermal condition) makes LAMP an attractive diagnostic tool. LAMP assay is reliable, rapid and cost effective as compared to RT-PCR with similar sensitivity/specificity. This kit will be the first Indian kit for COVID-19 detection based on LAMP technology. The test can be performed within 90 min. and need small instrument of about 1-2 Lakh cost and it can be easily placed in a very basic lab for testing.



FOUNDER

RAM RANJAN
SHARMA



Funding Amount
Approved



Patent
Filed



Employment
Generated

₹ 70 L

1

05





OMIX RESEARCH AND DIAGNOSTICS LABORATORIES PVT. LTD.

Bangalore

PRODUCT

Rapid Diagnostic Kit

THRUST AREA

Diagnostic

APPLICATIONS

The OmiX iAMP COVID 19 product is a rapid (30 min), cost-effective, one tube, and proprietary isothermal amplification test with colorimetric visual detection. This leverages OmiX's existing iAMP platform, currently used for the diagnosis of respiratory infections, bloodstream infections and antibiotic resistance. This platform was developed with the support of grants from BIRAC, Grand Challenges, FICCI, Villgro and NESTA.



<https://omixlabs.com/>



FOUNDER
SUDESHNA ADAK



Revenue
Generated



Funding Amount
Approved

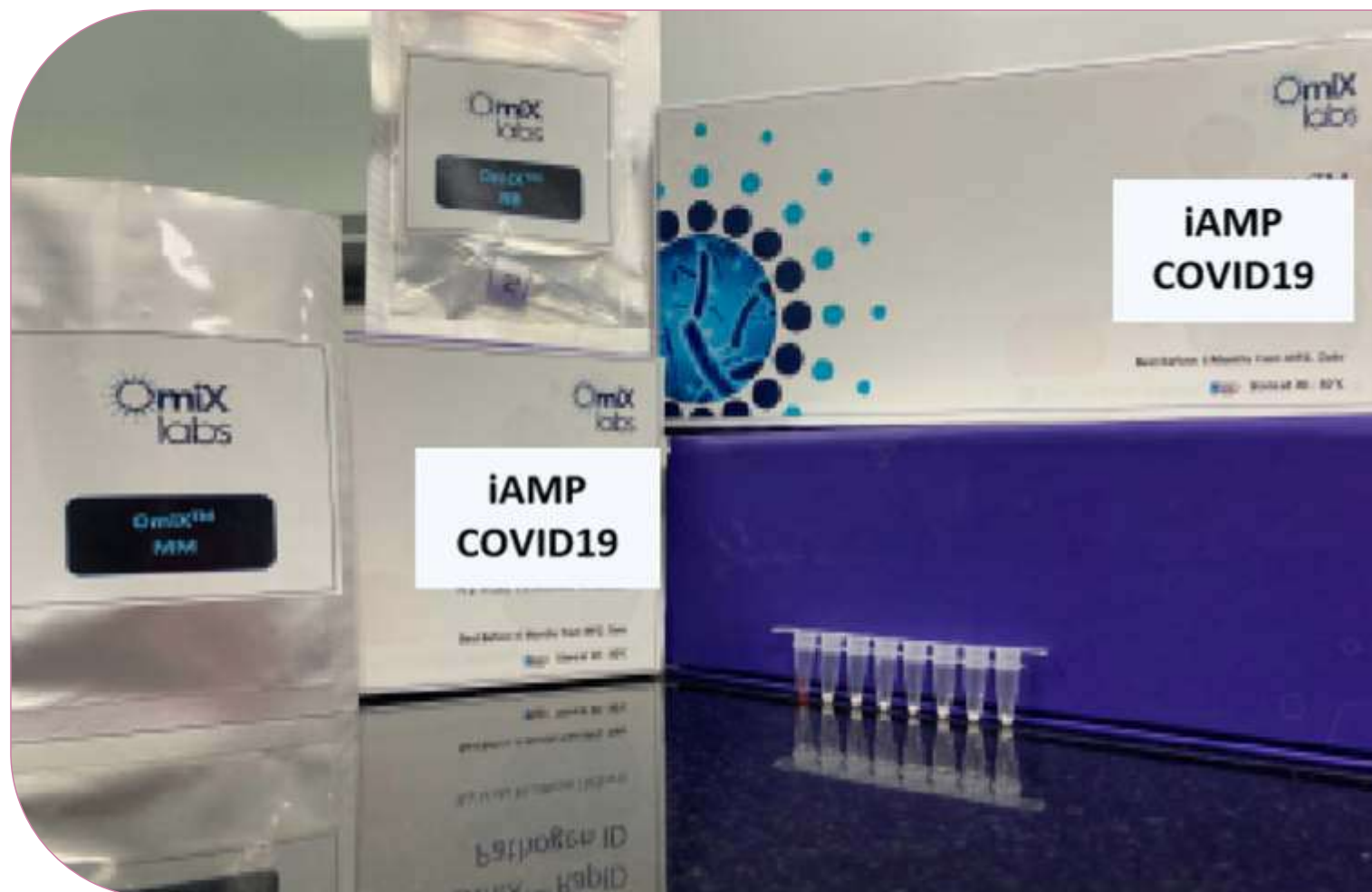


Additional Funds
Raised

₹ 2.5 Cr

₹ 75 L

₹ 2.5 Cr





PATANJALI PHARMA PVT LTD

PATANJALI PHARMA PVT. LTD.

Mumbai

PRODUCT

Covid - 19 Diagnostic Kit

THRUST AREA

Diagnostic

APPLICATIONS

Development, Validation & Scaling up of Rapid Antibody (IgM and IgG) and Antigen Tests for Surveillance & Early Diagnosis of COVID-19. In the longer term, the company need a simple POC test that can be deployed in the community and health posts in INDIA or other countries. Therefore, rapid, economical, and improved COVID-19 diagnostic tests are urgently needed. The proposed Rapid COVID-19 tests are based on detection of antibodies IgM and IgG in blood / serum /plasma while detection of COVID-19 antigen (early biomarker) in blood / serum /plasma or deep sputum, nasal/ throat swab.

REWARDS / RECOGNITIONS

Infosys Aarohan Social Innovation Award - 2020



<http://www.patanjalipharma.com>



FOUNDER

Dr. VINAY SAINI



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1.5 Cr

05

13,100

₹ 82.5 L





Bangalore

Diagnostic Device

Diagnostic

PathShodh's existing platform technology, "anuPath(TM)", a multi-analytic lab on palm point of care diagnostic device performing 5 blood tests and 3 urine tests, will be re-purposed in the proposed product. In particular the product will be redesigned and validated to enable highly sensitive electrochemical techniques (SWV, DPV) to extend the sensitivity down to nano molar range. This will be used along with low cost disposable test strips utilizing a novel receptor chemistry, to perform highly accurate and sensitive COVID-19 antibody (IgG and IgM) test.



FOUNDER

Prof. NAVAKANTA BHAT



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

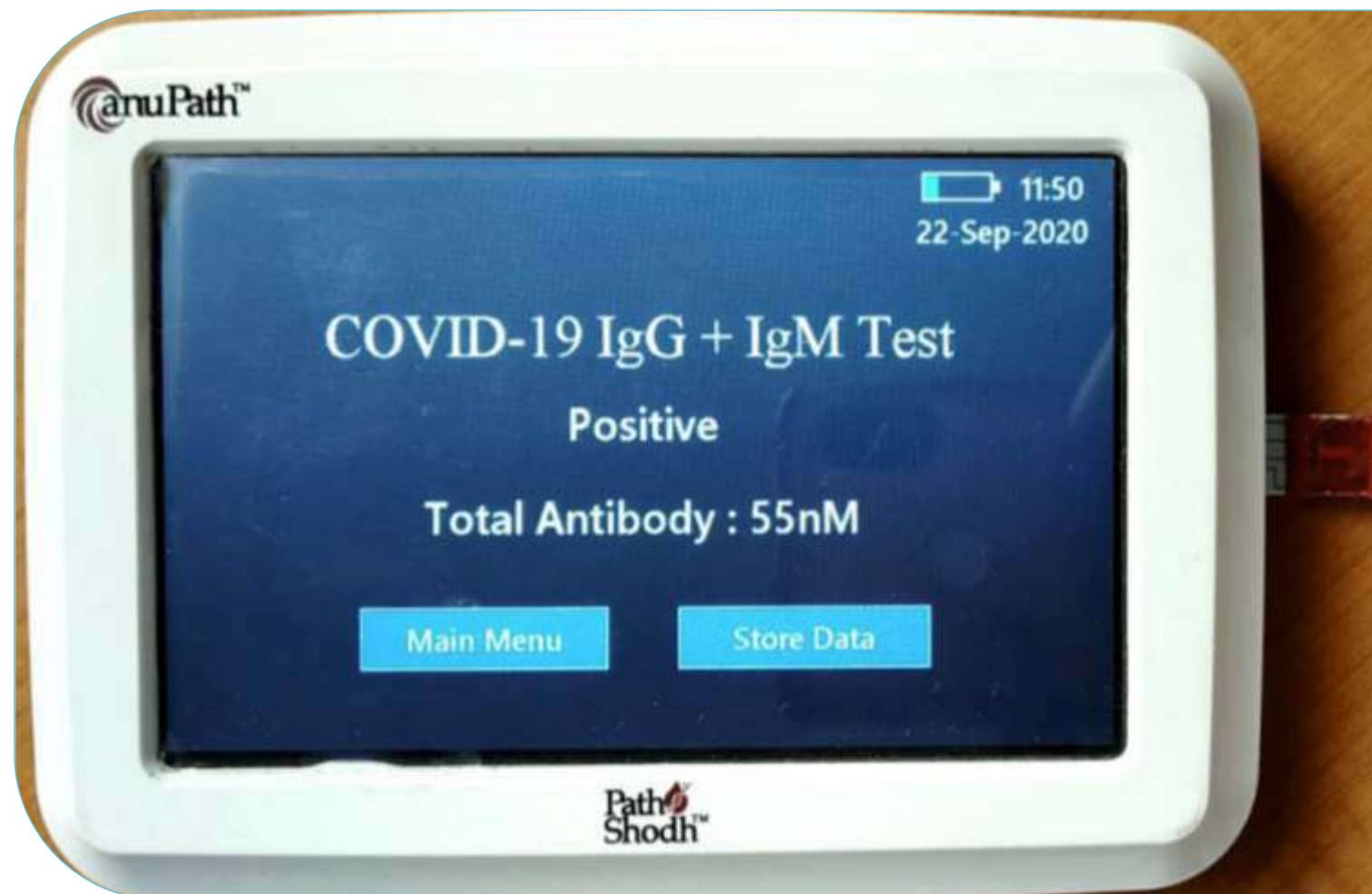
₹ 1.40 Cr

1

02

2,300

₹ 15.62 L+





Bhubaneswar

SARS-Cov2- IgG+IgM ELISA Kit
(Magnetic Nanoparticle based)

Diagnostic

APPLICATIONS

The company is developing a low cost COVID-19 antibody based diagnostic Kit EyeRa® with testing results in 5 mins as compared to the existing ELISA method of testing that takes 2-3 hours. The test can be read on conventional ELISA reader or for more sensitive & customized results, it can be done on EyeRaSense™ Reader (CE certified, IoT enabled, calibration independent). It is suitable for diverse settings including community clinics and primary healthcare centers.



FOUNDER

Dr SUMONA
KARJEE MISHRA



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1 Cr

1

07

> 85,000

₹ 50 L





ShanMukha

PRODUCT

Mobile Diagnostic Testing Lab

THRUST AREA

Diagnostic

SHANMUKHA INNOVATIONS PVT. LTD.

Bangalore

APPLICATIONS

The COVID-19 pandemic revealed that the present testing infrastructure is unable to scale up to meet the challenge of testing millions of people in a timely manner. The mobile labs solution, Mobile Infection Testing and Reporting Labs (MITR Labs) enables the same gold-standard based testing of RT-PCR but closer to the community – near hotspots, containment zones, entry points such as airports, railway stations, sea ports with a significantly reduced turnaround time while retaining the throughputs as that of the centralized labs. It is equipped with a certified BSL-2 environment, required instruments and accessories along with trained personnel with necessary PPE and SOPs.



 <https://www.sminnovations.in/>



FOUNDER

Prof. SAI SIVA GORTHI



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1.3 Cr

₹ 150 L

19

> 5 L

₹ 75 L





ACCULI LABS

Bangalore

PRODUCT

Mind-organ-body Analytics
Smartphone System

THRUST AREA

Informatics

APPLICATIONS

Acculi Labs is a patient-centric, outcome-driven, tech-enabled, point of care, multiple chronic disease management Digital Health Company. The company screens and diagnoses chronic patients for early disease, screening, root cause analysis, prognosis, event detection using Lyfas digital screening and diagnosis. Unlike conventional tests that diagnose an individual for an illness and treat the illness, the comprehensive Lyfas test helps the clinicians to understand and narrate the detailed health story. Lyfas is a Mind-organ-body analytics smartphone system where when the user keeps his index finger on a rare mobile camera, the system gives a set of clinically proven digital biomarkers which are generated using the Photoplethysmography, Heart rate Variability, Photochromatography, and Arterialpletheysmography. Acculi Labs also performs research and development activities toward the detection of lifestyle diseases using various affordable technologies Mind-Organ-Body principles.



FOUNDER

RUPAM DAS



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted

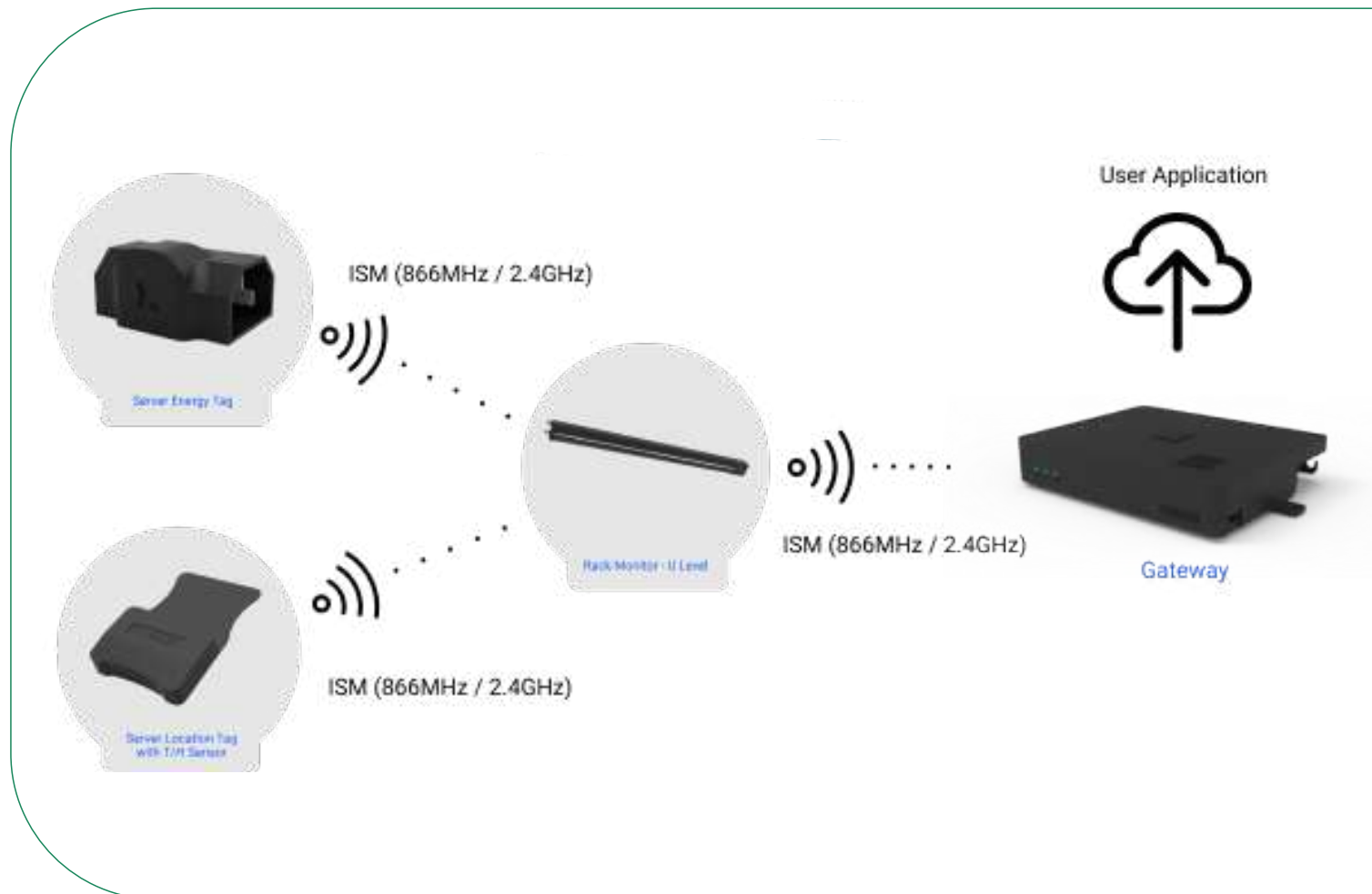
₹ 11 L+

₹ 30 L

3

30

> 13,000





AGREX TECHNOLOGIES PVT. LTD.

New Delhi

PRODUCT

Automated Temperature
Detection with Face Recognition

THRUST AREA

Informatics

APPLICATIONS

The product measures body temperature accurately, quickly and at a distance to prevent the spread of Corona virus using a fully automated camera integrated with face detection.



FOUNDER
ARUSH KAKKAR



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 37 L

₹ 80 L

1

> 15

> 1,000

₹ 40 L





CLOUDPHYSICIAN HEALTHCARE PVT. LTD.

Bangalore

PRODUCT

Tele-ICU Platform, RADAR

THRUST AREA

Informatics

APPLICATIONS

Cloudphysician uses its tele-ICU platform, RADAR, to provide ICU expertise to hospitals that do not have 24/7 access to ICU specialist doctors. COVID-19 has strained India's preexisting shortage of intensivists (<5,000). With RADAR, it is possible for 1 intensivist to cater to 60-80 patients in multiple locations as opposed to the current ratio of 1:15, where an intensivist is at the bedside. RADAR digitizes and analyses patient data and provides clinical decision support to these intensivists at a command center who, together with the bedside team, ensure evidence based care of ICU patients.



<https://cloudphysician.net>



FOUNDER
DHRUV JOSHI



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made



Additional Funds
Raised

₹ 37.9 L

₹ 1.5 Cr

3

130

45,628

₹ 75 L

\$ 4 Million





HAYSTACK ANALYTICS PVT. LTD.

Mumbai

PRODUCT

Contact-less "Remote, At-Scale,
Detection-Intervention-Prevention
of Covid-19 Transmission

THRUST AREA

Informatics

APPLICATIONS

Until a Covid-19 vaccine is available, the company's ability to detect, intervene and prevent transmission of Covid19 will be decisive in our battle against Covid-19. Current Covid-19 epidemiology, using community healthcare workers for undertaking extended interrogation of Covid-19 patients and extensive on-foot contact, significantly increases the risk of disease for health workers, and can also make them as carriers of the disease. The company propose to implement a contact-less "Remote, At-Scale, Detection-Intervention-Prevention of Covid-19 transmission", based on Genomics and Geospatial mapping. The company validated a solution using 4000+ Covid-19 genomes available in global databases, and have now setup a private server to analyse genomes from India.



<https://haystackanalytics.in>



FOUNDER
ANIRVAN
CHATTERJEE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 2.15 Cr

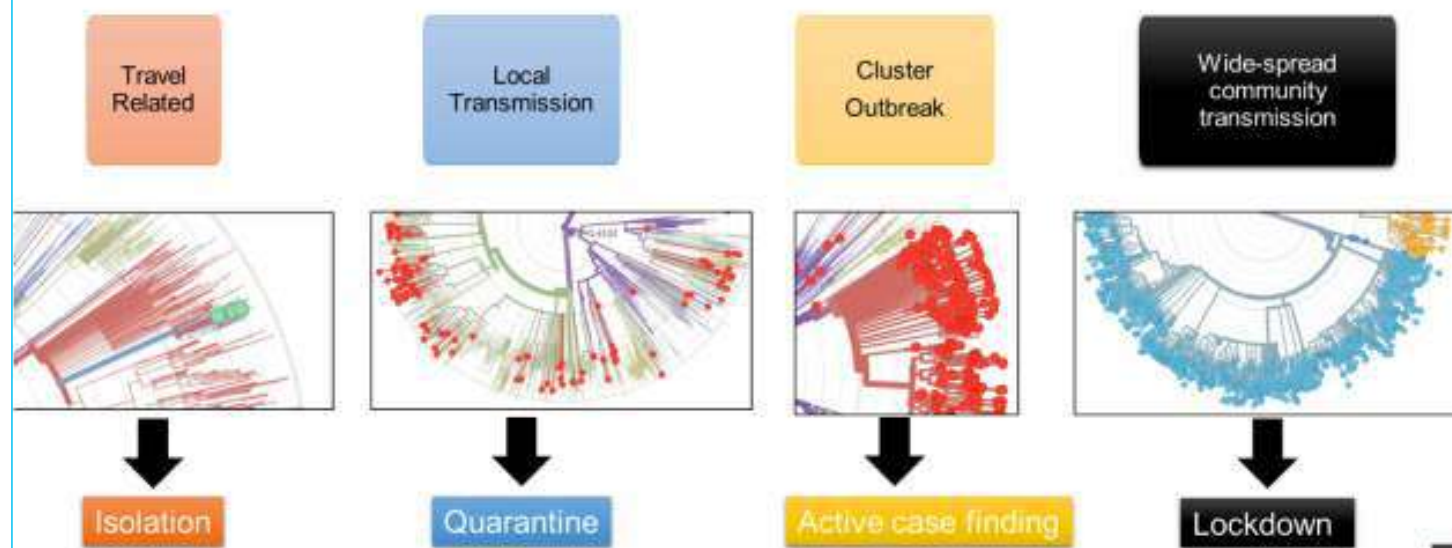
₹ 30 L

05

12,000

₹ 20 L

Remote, At-Scale, Detection-Intervention-Prevention of Covid 19 transmission





CLINIKK

PRODUCT

Digital Health Care Ecosystem

THRUST AREA

Informatics

OHEALER HEALTHCARE SERVICES PVT. LTD.

Bangalore

APPLICATIONS

Clinikk is a robust healthcare ecosystem (In-person and digital) providing essential care during COVID. Through the use of Telemedicine, Clinikk is providing remote triage, care & screening of potential COVID patients, while catering to the day to day primary healthcare requirements of non COVID patients. Clinikk is running the telemedicine hotline for the state of Goa, serving 16 Lakh Goans, by providing free teleconsults to the citizens of Goa, for their primary care requirements.



<https://www.clinikk.com>



FOUNDER

Dr. BANTWAL
SURAJ BALIGA



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 50 L

18

> 17,000

₹ 25.99 L

WORKFLOW CURRENTLY OPERATIONAL WITH GOVT. OF GOA



All conversations
(Call/SMS/App/WhatsApp)
in vernacular language



Connected to Health
Assistant <3 min
Doctor consults
within 15 min



Compliant with MoH
& FW, Telemedicine
Guidelines



All our Doctors &
Health Assistants are
Telemedicine Trained



PREDIBLE HEALTH PVT. LTD.

Trivandrum

PRODUCT

Artificial Intelligence Powered
Radiology Imaging

THRUST AREA

Informatics

APPLICATIONS

The appropriate usage of radiology imaging in COVID 19 patients can help triage vulnerable patients and monitor deterioration of the patient. The proposed solution consists of multiple stages:

- Artificial Intelligence powered solution that quantifies patterns in lung computed tomographic imaging, providing quantitative metrics on the % of lungs affects with texture changes across a broad spectrum (from ground glass to consolidation)
- Artificial Intelligence powered solution that quantifies patterns in chest x-ray imaging, providing quantitative metrics on the % of lungs affects with opacities
- Structured reporting front-end to collate information on other adjunct findings seen on the radiology imaging – providing standardization in clinical reporting as well
- Centralized repository which collects radiology imaging and patient outcome data to help public health authorities and hospitals with a data-driven analysis of patient prognostication.





FOUNDER
SUTHIRTH VAIDYA



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made



Additional Funds
Raised

₹ 16 L

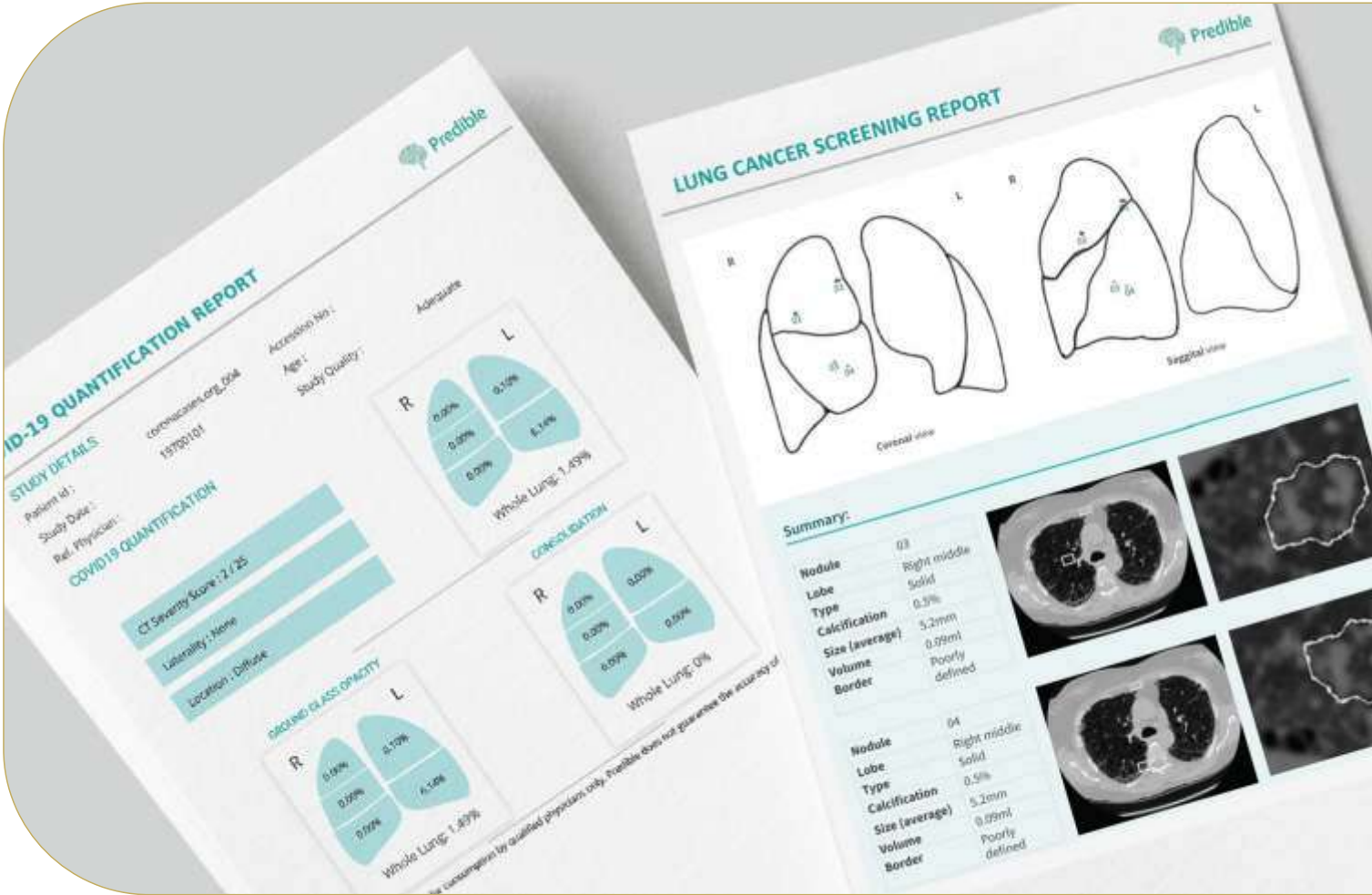
₹ 50 L

15

60,954

₹ 10 L

₹ 1.5 Cr





QUIKDR HEALTHCARE PVT. LTD.

Ernakulam

PRODUCT

Telemedicine E-health Solution

THRUST AREA

Informatics

APPLICATIONS

QuikDr Healthcare Platform is a comprehensive Telemedicine e-health solution for screening, primary diagnosis & triaging that connects the entire healthcare ecosystem. In the light of COVID-19 Outbreak, QuikDr is in associated with Kerala Government and Indian Medical association. QuikDr will be taking care of the Telemedicine needs of 35 Million people in Kerala. QuikDr.com is the official Telemedicine provider for the Kerala Government.



<https://quikdr.com/>



FOUNDER
CHAKKIATH
ANTONY SUNNY



Revenue
Generated

₹ 25.63 L



Funding Amount
Approved

₹ 1 Cr



Employment
Generated

18



Lives
Impacted

48,180



Donations
Made

₹ 36.5 L



A Complete Comprehensive Telemedicine Solution.

Comprehensive solution for screening,
primary diagnosis & triaging that connects
the entire healthcare ecosystem.



Doctors

Expert doctors provides
quality remote
consultation



Health Records

Centralised Health
Records management
system



Hospitals

More reach to remote areas
option for primary,
secondary & tertiary care



SARVODAYA INFOTECH (TRUCKSUVIDHA) PVT. LTD.

Yamuna Nagar

PRODUCT

Online Truck
Booking Application

THRUST AREA

Informatics

APPLICATIONS

TruckSuvidha team helped lot of people with transportation requirements during COVID period. TruckSuvidha also helps in arranging cryogenic containers for oxygen transportation. Lot of truck drivers were stranded during COVID period. TruckSuvidha team came forward and helped them. TruckSuvidha team does real-time truck booking, real-time load booking, utilization of the idle capacity of trucks, toll collection, real-time tracking, value proposition to industry, marketplace (0% commission), SAAS for shippers, fleet management for transporters, real-time logistics to industry, payment infrastructure for logistics.



FOUNDER
AMIT PUNAINI



Revenue
Generated

₹ 41 L



Funding Amount
Approved

₹ 30 L



Employment
Generated

> 6,000



Lives
Impacted

> 29,000



Donations
Made

₹ 10.93 L+



Digital Infrastructure For Logistics Industry





TESLON TECHNOLOGIES PVT. LTD.

Bangalore

PRODUCT

Carenation TeleICU Cart

THRUST AREA

Informatics

APPLICATIONS

Remote Critical Care Carenation teleICU carts can be carried by duty doctors and nurses/robotically controlled remotely for a virtual visit into the ICU or isolation wards. The intensivist sitting remotely can instruct the doctors on ground for the interventions. This will allow intensivists to look into multiple ICUs and reduce the risk of exposure. Also reducing the need for PPEs. Isolation and Remote Monitoring the carenation health app comes with a complete set of features for home monitoring including location tracking, educational videos, vital tracking, Symptoms questionnaires, prescriptions and reminders. The app also comes with tele consultations and messaging.

 <https://teslon.io/>



FOUNDER

HARSHA MUROOR



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 2.25 Cr+

₹ 1.50 Cr

35

> 6,000

₹ 83.48 L+





THINKERBELLS LABS PVT. LTD.

Bangalore

PRODUCT

Smartphone Based Low
Cost Thermometer

THRUST AREA

Informatics

APPLICATIONS

As over 90% of Covid patients have fever, and there is a huge correlation between fever data and prevalence of Covid, citizen temperature data would be an invaluable metric in predicting clusters of community transmission. The idea is to use real-time citizen temperature data to generate predictive region-specific insights that could result in proactive decision making. This is achieved by:

- A low-cost IR thermometer that attaches to any smartphone and syncs the collected temperature data on to a visualization dashboard in real-time.
- Equipping healthcare workers, ASHA workers, grocery store staff, security teams, essential delivery executives, workplaces, etc. with a smartphone-based thermometer would help us create temperature scanning hubs at points of common congregation in the city.
- A monitoring dashboard will represent this real-time data in geographic clusters and highlight clusters of community transmission based on temperature patterns.



<https://thinkerbelllabs.com/>



FOUNDER

SANSKRITI DAWLE



Funding Amount
Approved



Employment
Generated

₹ 30 L

02

Chakravyuh

Smartphone
Based Low-Cost
Thermometer



Real Time Monitoring
of Temperature
Patterns





TURTLE SHELL TECHNOLOGIES PVT. LTD.

Bangalore

PRODUCT

Contact-free Health Monitor

THRUST AREA

Informatics

APPLICATIONS

Completely made in India, Dozee is a CE Marked contact-free health monitor with clinical grade accuracy with remote access and MEWS based alert mechanism. The system continuously monitors a person's heart rate, respiration rate placed under the mattress, converting any bed into a step-down ICU without any cuffs or leads. It also connects to other bluetooth based peripherals like SPO2 & BP Monitor to provide access to more vitals remotely.



<https://www.dozee.health/>



FOUNDER

MUDIT DANDWATE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Donations
Made



Additional Funds
Raised

₹ 2.80 Cr

₹ 60 L

100

₹ 0.7 L

₹ 47 L

Easy 3 steps

Takes less than 2 min



1. Place under device the mattress, connect to SPO2
2. Connect to internet
3. Monitor remotely using dashboard & mobile phone app



VACUS TECH PVT. LTD.

Pune

PRODUCT

Wireless Wearable Device

THRUST AREA

Informatics

APPLICATIONS

Vacus has successfully built a wearable to track and ensure social distancing in hospitals and workplaces. The Patented CRF Indoor Positioning Technology built by Vacus is actively serving Fortune 500 customers in India and Southeast Asia. The purpose with this innovation is to help people get out of lockdown safely. The smart tag consists of panic button as well. It comes with a battery life of 2 years. It notifies immediately if the person is going in any of the infected areas or has been in touch of infected person. This helps in identifying the people who have been in contact and ease to isolate.

 <https://www.vacustech.com/>



FOUNDER
PRATIK MAGAR



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made



Additional Funds
Raised

₹ 55 L

₹ 75 L

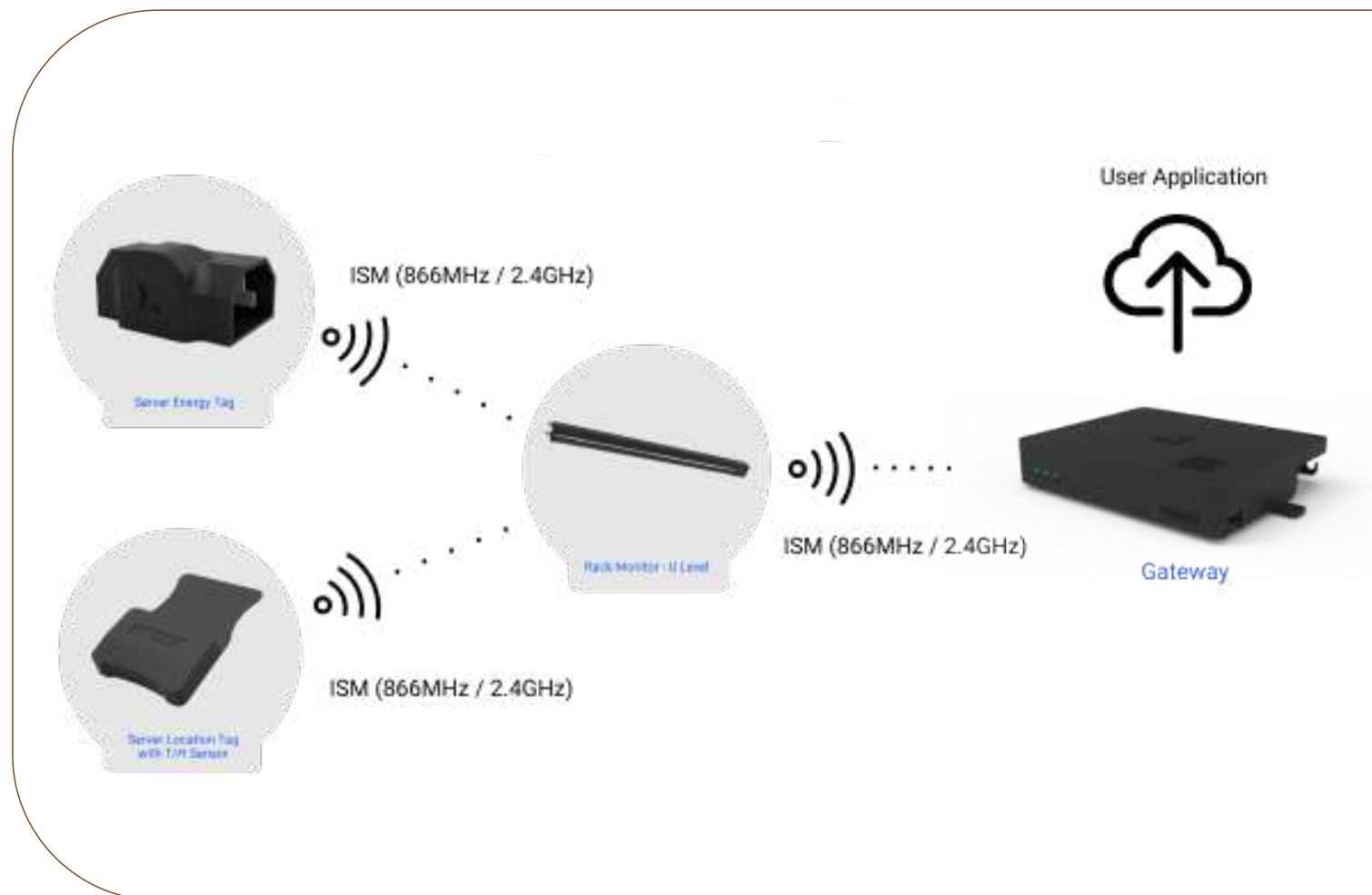
3

13

150

₹ 5 L

₹ 50 L





PRODUCT

Mental Health Counselling
and Psychotherapy

THRUST AREA

Informatics

XEQUALSZERO PVT. LTD.

Ludhiana

APPLICATIONS

The outbreak of the COVID-19 pandemic in 2020 led to an incidental significant rise in mental health concerns. This rising problem gave a major opportunity to rise up to the occasion and participate in integrating psychological crisis intervention into the overall deployment of epidemic prevention and control. One way around many of these obstacles is to use mental health helplines, texting and other electronic means as an innovative way to deliver therapy and counselling. For people facing emotional difficulties, TickTalkTo is a mobile-based platform that connects them with psychologists and other mental health experts. - Web tool for DSM Self-Rated Level 1 Cross-Cutting Symptom Measure - Online Counselling - COVID-19 Mental Health Dashboard.

REWARDS / RECOGNITIONS

- Recognised as a support solution w.r.t. COVID-19 pandemic, by AGNII, Govt. of India.
- Selected by the The Acceleration Initiative for Diagnostics (AID) program of the Research and Innovation Circle of Hyderabad (RICH) program of Govt. of Telangana for behavioural health diagnostics.
- Recognised by India Today among five best online mental wellness platforms to look out for in 2021.
- Recommended by GQ India to manage mental wellbeing during COVID-19.



<https://ticktalkto.com/>



FOUNDER
ABHAY SINGHAL



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 15 L+

₹ 30 L

1

06

> 1 L

₹ 15 L+

tick
talkto

THERAPY FOCUSSED MODEL





PRODUCT

e ICU solution

THRUST AREA

Informatics

ZBLISS TECHNOLOGIES PVT. LTD.

Chennai

APPLICATIONS

The company has developed an e ICU solution which integrates all the critical patient data from the ventilators, syringe pumps, nurse notes, lab reports and radiology reports to provide detailed patient status to doctors in real time (24*7). Doctor can remotely observe the vital parameters of the patients on his/her tab and prescribe treatment plan to the nurses.

IMPLICATIONS

Implemented a 250 Bed COVID Hospital in partnership with Reliance/Jio at Nagothane.



www.zmed.tech



FOUNDER
JAYAKANT KESAN



Revenue
Generated



Funding Amount
Approved



Employment
Generated

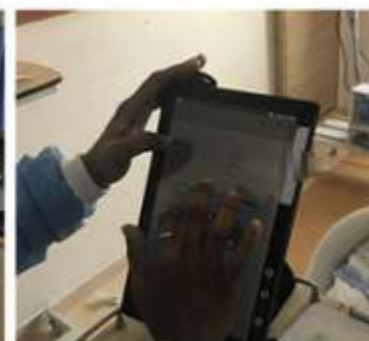
₹ 80 L

₹1 Cr

09



Deployment and Training at a Hospital





AFRESH TECHNOLOGY SOLUTIONS (ABSTRACT IDEAS) PVT. LTD.

Kolkata

PRODUCT

Protective Clothing, Gloves,
Shoe Leggings, Face Mask, Face
Shield and Sterilizer

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The product is reusable and washable PPE coverall with hood - Made out of a material primarily a non-woven fabric that can be washed for multiple times for re usage as per following specifications:

Fabric width: 8-8.5ft

Weight available: 35/55/60/70/90/120/150/200/250/300
(70 gsm best suitable for PPE) equivalent suits.



<https://www.zaubacorp.com/company/AFRESH-TECHNOLOGY-SOLUTIONS-PRIVATE-LIMITED/U72300WB2014PTC203418>



FOUNDER

DIPTESH MUKHERJEE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 25 L

₹ 1 Cr

7

15,000+

> ₹ 40 L





AEROFIL FILTERS INDIA PVT. LTD.

Kollam

PRODUCT

N 95 mask

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The product is launched and mainly served in Kerala region. Served Kerala Medical Services Corporation, Amrita Institute, Aster Group, Narayana Hrudayalaya, BMH hospital Group, Sree Chiha Institute of Medical Science.



<https://www.aerofil.in>



FOUNDER

SANTHOSH KUMAR



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 7.85 Cr

₹ 70 L

1

216

53,500

₹ 36.4 L



BENDABLE TECHNOLOGY SOLUTIONS PVT. LTD.

Mumbai

PRODUCTS

Face Shield, Aerosol Box

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The company is building 2 protective equipment for healthcare workers fighting the COVID19 crisis: Aerosol Boxes and Face Shields. Aerosol Box consists of a transparent plastic cube designed to cover a patient's head and that incorporates two circular ports through which the clinician's hands are passed to perform the procedure for endotracheal intubation. The box has been designed and manufactured in such a manner that it is easy to carry as a flat pack and easy to assemble (in less than 2 minutes). This box provides protection to the health workers who are operating on the patient from any kind of aerosol discharge or splatter during coughing. The face shield is an optically clear protective equipment for full face protection of healthcare workers treating Covid19 patients. The product is washable, reusable, made of PETG material and provides ear to ear coverage.



FOUNDER

SONAM MOTWANI



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 14.5 L

₹ 30 L

12

9,100

₹ 14 L





COMOFI MEDTECH PVT. LTD.

Bangalore

PRODUCT

Face Mask

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The product is uniquely designed, innovative, patent pending, NT-Mask, reduces healthcare associated transmission during sample collection. The mask has easy peel and access window, unique design to contain droplet flow, and 100% clear view to take nasal or oral swab. NT-Mask shields healthcare practitioners, work environment from infectious fluid and reduces patient's hand contact with mouth and nose during sample collection. NT mask can be used for mass screening in and outside the hospital settings and for hospitalized patients in COVID-19 pandemic.



<https://www.comofimedtech.com>



FOUNDER
SATISH KALME



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made



Additional Funds
Raised

₹ 77.2 L+

₹ 70 L

1

08

> 36,600

36,600

₹ 2.15 Cr





NANOCLEAN
GLOBAL PVT LTD

PRODUCT

Nasomask

THRUST AREA

Personal Protective Equipments

NANOCLEAN GLOBAL PVT. LTD.

Gurgaon

APPLICATIONS

The company is making Nasomask, N95/FFP2 grade face mask. They are supplying to Government, Hospitals, Pharmacy stores etc. In the past 3 months, the company has supplied over 300k Nasomask to affected regions of the world (India, China, Dubai etc.)



<https://nanoclean.store>



FOUNDER
PRATEEK SHARMA



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 8 Cr

₹ 80 L

20

5 L

₹ 1 Cr





PIRHOALPHA RESEARCH PVT. LTD.

Mumbai

PRODUCT

Reusable Bubble PAPR mask
(Powered Air Purifying
Respirators Mask)

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The Active Care team has sourced three different PPE designs that have been reviewed by NIH and are further being tested by USFDA for approval purposes. Each of the PPE design finalized as a respiratory mask component which actively purifies the air that is being consumed by the user. One of the designs considered is a PAPR type design that also induces positive pressure. This design ensures that the user of any size can be sealed inside the PPE such that not a single contaminant aerosol enters the PPE. The other two designs considered are extremely well designed masks with an impact equivalent of N95 masks using HEPA filters and unique compact respiratory designs.

 <http://www.pirhoalpha.com>



FOUNDER
ABHINAV GUPTA



Revenue
Generated

₹ 19.75 L



Funding Amount
Approved

₹ 45 L



Employment
Generated

06



Lives
Impacted

855



Donations
Made

₹ 12 L





PQR TECHNOLOGIES PVT. LTD.

New Delhi

PRODUCT

N95 Masks

THRUST AREA

Personal Protective Equipments

APPLICATIONS

Moksha brand of path breaking N95 air pollution masks uses a powerful fan to suck in clean air through the filter and an exhaust fan of a similar configuration to expel stale air from the mask thus making it effortless on the part of the user to breathe fresh air comfortably. These fans are run by an equally powerful battery positioned at a safe distance from the face rather than being embedded in the fans. The cloth masks are machine-washables and filters are replaceable.



FOUNDER
PIYUS AGARWAL



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 3.90 L

₹ 50 L

05

1,122

₹ 18 L+

Cloth Mask

Inlet Fan

HEPA N95 Filter

Exhaust Fan

Battery Cable

Arm Band

Battery



PRINTALYTIX®

Manufacturing Made Interesting!

PRODUCT

Face Shield

THRUST AREA

Personal Protective Equipments

PRINTALYTIX PVT. LTD.

Bangalore

APPLICATIONS

Logistics are essential lifelines that need to keep the country running. While they form the 'Aorta' in controlling the current situation, it's extremely important that they are pumped up to do their duties and are not exposed to dangers known. To address this, Printalytix is supporting the Preventive Healthcare segment by manufacturing Face shields, Aerosol boxes and also have one-type-fits-all contactless door opener.



<https://www.printalytix.com/>



FOUNDER
ANIRVAN
CHATTERJEE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 8 L

₹ 50 L

05

> 79,000

₹ 19 L+





RMMEDI INNOVATIONS PVT. LTD.

Kottayam

PRODUCT

Commercial Production of
Safety Goggles to Combat
Covid-19

THRUST AREA

Personal Protective Equipments

APPLICATIONS

To protect the Health Care Personals eyes from splash, droplets and aerosol contamination while dealing with Covid-19 infected patients during examination, performing surgeries and other procedures.

IMPLICATIONS

The company produced and distributed 110210 Nos of Safety Goggles till March 2022 at an average cost of Rs 48.6 per piece.



FOUNDER

Dr JOSEPH THOMAS



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

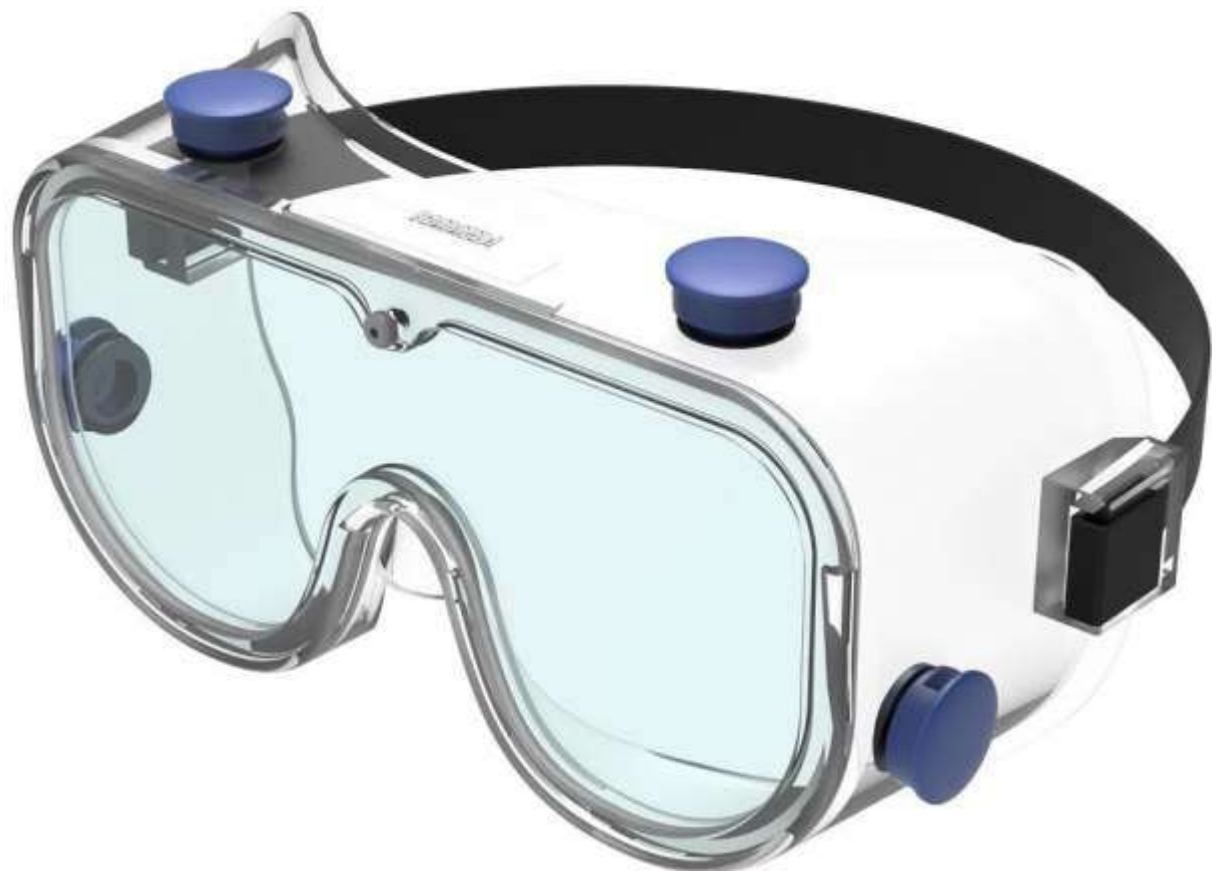
₹ 53.56 L

₹ 14 L

12

57,500

₹ 7 L





SARAL DESIGN SOLUTIONS PVT. LTD.

Navi Mumbai

PRODUCT

3-ply Surgical Mask

THRUST AREA

Personal Protective Equipments

APPLICATIONS

Saral Designs has a background in designing & manufacturing sanitary napkin making machines and has 2 Indian patents granted. These machines, called "Swachh", are first-of-their-kind automatic machines using ultrasonic sealing of non-woven material & designed for MSME production. Pad production ranges upto 70 pads per minute. SWACHH 4.0 machine works on ultrasonic sealing of non-woven materials used in sanitary pads. With minor modifications in SWACHH 4.0, Saral Designs are producing 3-ply surgical masks at capacity of 10 marks per minute.



<https://saraldesigns.in/>





FOUNDER
SUHANI MOHAN



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made



Additional Funds
Raised

₹ 26 L+

₹ 70 L

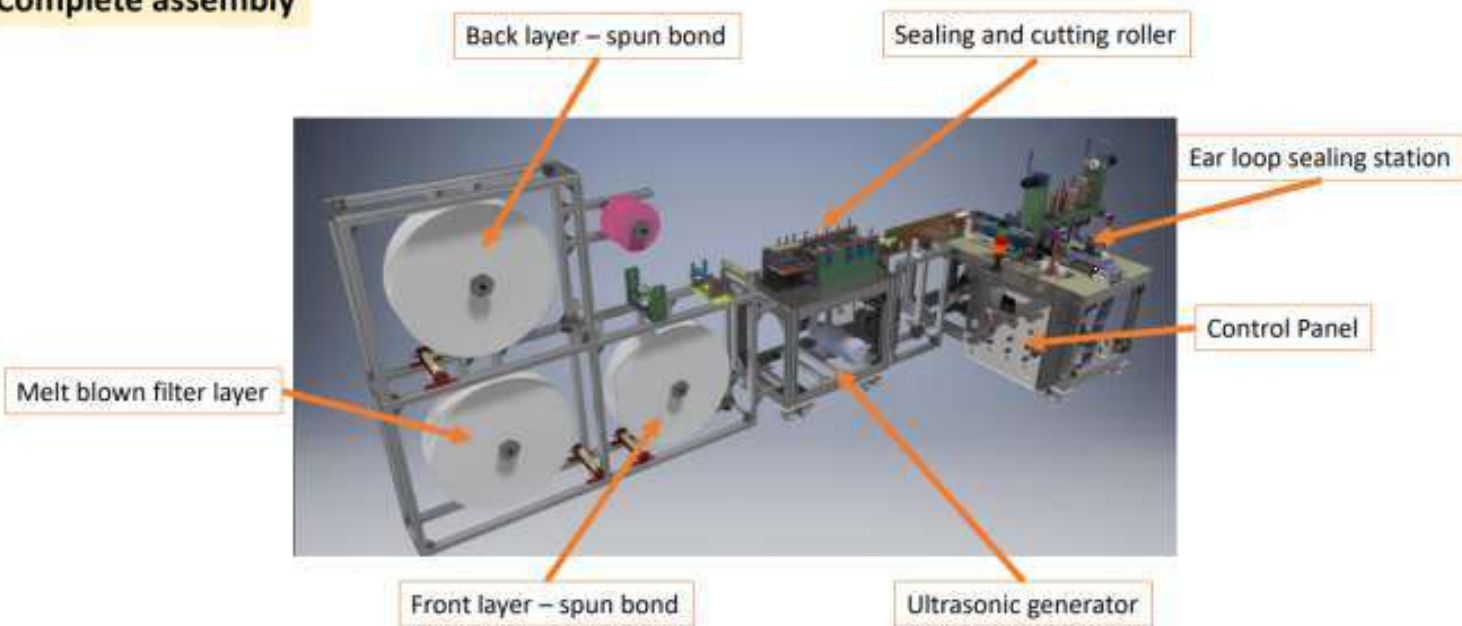
12

25,000

₹ 34.37 L

₹ 80 L

Complete assembly





VIRTUOSO OPTOELECTRONICS PVT. LTD.

Nashik

PRODUCTS

N95 Mask, Face Shield,
Thermal Temperature
Measurement Gun, UVC Modules

THRUST AREA

Personal Protective Equipments

APPLICATIONS

The company is working on 2 parts of the PPE:

1. The N95 Masks - A line capable of producing 40K units per day has been planned and required equipment has been ordered.
2. We have designed a face shield with cover for the face and over the years also. Tooling for which is going on and is expected to be ready in 7-10 days.
3. Working on developing portable UV disinfection emergency lamp which can be used to disinfect boxes / food and other items at the consumer level.
4. Developing the Thermal Temperature Measurement Guns Locally.



<http://voepl.com/>



FOUNDER

SUKRIT BHARATI



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 48 L

₹ 55 L

12

> 6,000

₹ 25.7 L





AGRONXT SERVICES PVT. LTD.

Delhi

PRODUCT

Sensor Enabled
Sanitization Tunnel

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

The proposed sanitization tunnel will be sensor enabled electronically controlled misting pathways that will sanitize the people and vehicles passing through it. The doctor will be able to conduct multiple tests by using Isolator sleeves & will not require to come in direct touch with the patient/s.



<https://agronxt.com>



FOUNDER

RAJAT VARDHAN



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1 Cr+

₹ 1.20 Cr

20

> 4 L

₹ 60 L+





ETA PURIFICATION

Coimbatore

PRODUCT

COSMO (Complete Sterilization
by Micro-plasma Oxidation) Unit

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

It is clearly evident that the infected patient is a carrier of the virus that affect healthy people, and they deposit the disease-causing agent on the floor, clothing, furniture and other surfaces. Traditional decontamination methods fail to deal with such a high level of colonization and contamination effectively. Hence, the company have utilized an innovative COSMO (Complete Sterilization by Micro-plasma Oxidation) units in hospitals (Out-patient diagnostic rooms, equipment surfaces, floors) in both gaseous and aqueous form to reduce the concentration of infectious bacteria and virus (including Norovirus) to >99.9% (>3 log).



<https://www.etapure.com>



FOUNDER

DINESH KUMAR
VENKATACHALAM



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 2 Cr

₹ 1 Cr

17

> 1 L

₹ 35 L





EXACT PIPES AND MOULDS PVT. LTD.

Greater Noida

PRODUCT

PODS for Transport of
Covid Patients

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

This fully capable PODS are used to transport of COVID-19 patients with infection spared of transport person and doctors. The pods can prevent virus from spreading. It's a 100 % non-metal product. The whole stretcher is made from HDPE materials.



<http://exactpipes.com/>



FOUNDER
MD SAPHIK
AHAMAD KHAN



Revenue
Generated



Funding Amount
Approved



Patent
Filed



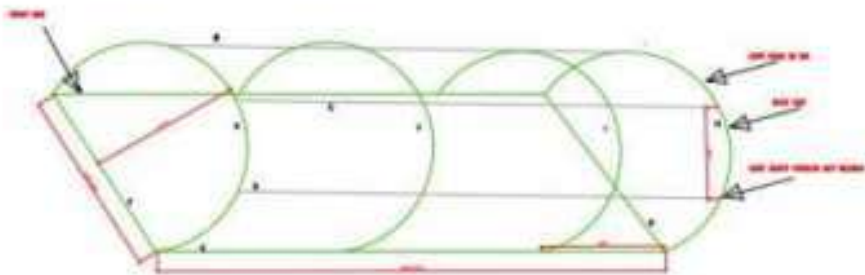
Donations
Made

₹ 0.25 L

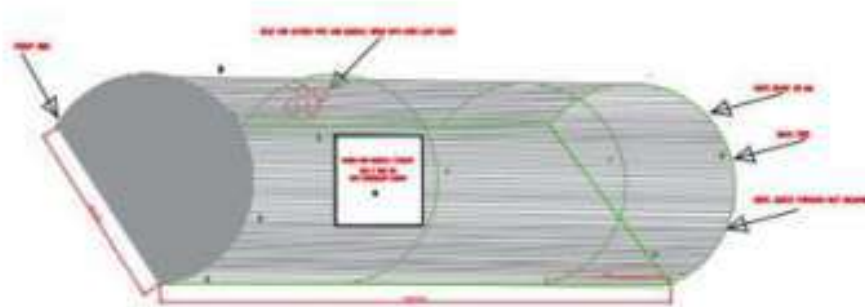
₹ 20 L

1

₹ 4.5 L



PROTOTYPE HDPE STRUCTURE WITHOUT ANY METAL ITEMS



PROTOTYPE HDPE STRUCTURE WITH CLOTH COVER



INDICATIVE DESIGN

ISOLATION POD FOR MEDICAL EMERGENCY



HACKLAB SOLUTIONS PVT. LTD.

Bangalore

PRODUCT

Auto UV Sanitization System

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

UVC rays with a wavelength between 100-280nm are one of the best disinfection mechanisms available to contain the spread of the virus. The product has a system of sensors and control units which ensure that humans are not exposed to UV rays. The solution consists of the following parts:

Motion Sensors: An array of motion sensors are deployed in the area to detect human presence.

Voice Alarm: An audio is played to warn the human of the beginning of the sanitisation procedure.

Red Light: A red light will start before UV light is turned on ensuring even differently-abled people do not get exposed.



<https://new.hacklab.solutions>



FOUNDER
VIKRAM RASTOGI



Revenue
Generated



Funding Amount
Approved



Employment
Generated

₹ 10 L

₹ 50 L

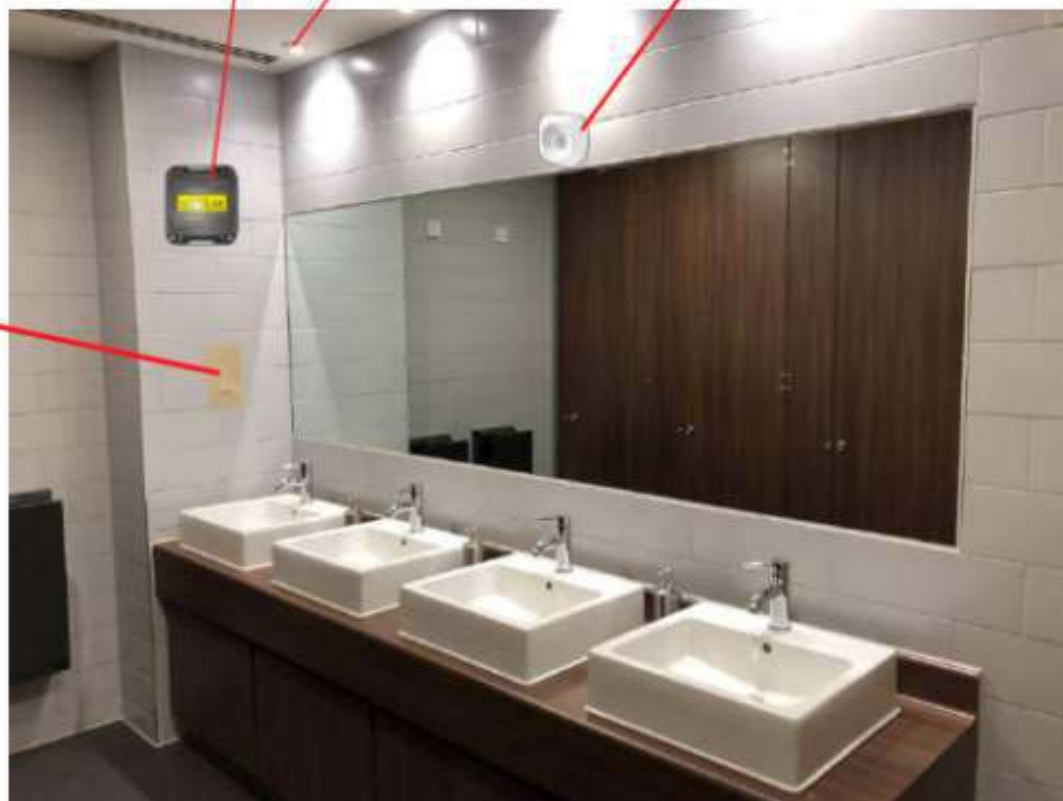
15

Central Controller

UVC lights

Motion Sensor

On-Off Switch





INDRA

INPHLOX WATER SYSTEMS (INDRA WATER) PVT. LTD.

Mumbai

PRODUCT

Vajra Kavach

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

The product uses germicidal properties of UVC light (253.7 nm) and ozone (O₃) gas to disinfect/sterilize equipment and closed spaces. It infuses O₃ into a closed airflow in the first step post which it is directed into an enclosed UVC chamber. This chamber can contain equipment for sterilization or disinfection. The disinfected air is released into the room post the second step. The disinfection time is automatically controlled.



<https://www.indrawater.com/>



FOUNDER

AMRIT OM NAYAK



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1 L

₹ 75 L

1

07

12,000

₹ 18 L





LUXLIGHTING TECHNOLOGY PVT. LTD.

Delhi

PRODUCT

Disinfecting Chamber

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

A Disinfecting Chamber is a two doors walk-through harmful dust, bacteria and virus removal system, which is fitted prior to Entrance of hospital / mall, hotels and public place. The purpose of setting up Disinfecting Chamber system is to control the risk of spreading contaminants like Covid 19 and other virus in the environment by removing particulate matter on the personnel by throwing class 100 airflow. The Disinfecting Chamber machine throws high velocity HEPA filtered (Optional) air through jet nozzles which removes particulate matter (includes solid and liquid particles suspend in air and some of them are hazardous in nature). The contaminated air is again filtered and re-circulated. With-in seconds, the person entering Disinfecting Chamber comes out entirely clean i.e., free from harmful dust, bacteria and virus.



<http://luxlighting.in>



FOUNDER
SURAJ KUMAR



Revenue
Generated

₹ 8 L



Funding Amount
Approved

₹ 30 L



Employment
Generated

10



Lives
Impacted

30,000





MICROGO LLP

Chennai

PRODUCT

Goassure

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

MicroGO is dedicated to microSWACHHTA (Prevention technologies in micro-Hygiene). GOassure™ (Patent Pending) is India's own hand hygiene solution developed by MicroGO. GOassure™ is IOT enabled, assures hand hygiene compliance (assured 20 secs hand rubbing) and provides sustainability (by mitigating overuse), provides data on compliance or use.



<https://www.microgo.in/>



FOUNDER

Dr. RACHNA DAVE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 1.20 Cr

₹ 80.75 L

12

> 5.85 L

₹ 40 L





SS MASER TECHNOLOGY PVT. LTD.

New Delhi

PRODUCT

Medical Equipments

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

360° disinfection & sterilization operating system using latest Microwave assisted cold sterilization technology for point of generation treatment for the disinfection of hazardous biomedical waste in hospitals.

IMPLICATIONS

Ensures lowest level of Hospital Acquired Infection.

 <https://www.ssmedworld.com/>



FOUNDERS

MONISH BHANDARI
and **PRIYA BHANDARI**



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Donations
Made

₹ 5 Cr

₹ 1 Cr

72

₹ 50 L





WEINNOVATE BIOSOLUTIONS PVT. LTD.

Pune

PRODUCT

Hand Sanitizers and
Surface Disinfectants

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

To combat the current spread of the disease and preventing infection to others, sanitizing your hands is of prime importance since it is the first gateway for the virus entering your body. Silver has been backed by strong scientific literature for its antimicrobial activity since a very long time. Also, nano-forms of such metals have antimicrobial properties. Based on this, the company has developed a unique NanoAgCide technology (NAC) which results in an aqueous, non-alcoholic, stable, colloidal silver solution with many NAC is used for the formulation of novel alcohol-free hand sanitizers and surface disinfectants.



<https://wibpl.com/>



FOUNDER

Dr MILIND
CHOUDHARI



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 80 L

1

05

700

₹ 1.17 L



Technology Benefits

Unique formulation of Colloidal Silver

One Pot synthesis, ready to use

Uniform size

Scalable

Long term stability of solution

Indian Patent Filed, TradeMark granted





WIDE NEED PVT. LTD.

Gandhidham

PRODUCTS

Unisex Paper Based
Pocket Toilet

THRUST AREA

Sterilizers and Disinfectants

APPLICATIONS

Peeschute is a proprietary product manufactured by Wide Need which is a unisex paper based pocket toilet which solidifies human urine instantly to keep the bag leak-proof, odourless and hygienic having a capacity of 850 ml(can be used 3-4 times till full). Peeschute is best recommended for people with mobility issues and healthcare problems where patients can take of their pee themselves hence reducing human resources behind the messy job. Peeschute will reduce the rate of human to human interaction of healthcare workers with patients in quarantine/isolation centres for messy urine handling jobs.

 <https://peeschute.com>



FOUNDER

SIDDHANT SATISH
TAWARAWALA



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

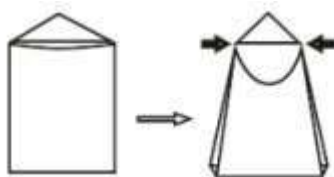
₹ 36.5 L

₹ 70 L

40

> 25,000

₹ 7.5 L



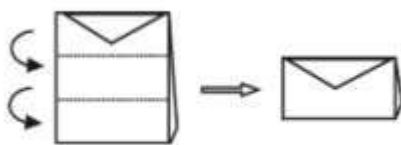
OPEN & PRESS EDGES

Place your forefinger & thumb at the corners of the opening of the bag. Gently press the edges to make an opening.



PLACE & USE

Place and adjust the opening of the bag to cover urine-flow area between your legs. Let go of the pressure & urinate in the bag. The urine will be converted to a gel-form instantly.



FOLD & SEAL

Fold the bag at the dotted line marked "fold here after use" to seal & avoid spillage.



DISPOSE

If a garbage bin is nearby then dispose it in the bin.
If not then the bag has a standing base which allows it to be kept aside after use & disposed later.



AEROBIOSYS INNOVATIONS PVT. LTD.

Hyderabad

PRODUCT

Jeevan Lite Ventilator

THRUST AREA

Ventilators and Respiratory
Care Devices

APPLICATIONS

The product is portable, cost effective battery operated ventilation system to save the lives of Covid-19 infected patients and provide protection to healthcare providers through IOT enabled remote monitoring. It comes with a mobile app to control the device. The App provides a real-time display of the breath pattern graphs and other critical lung parameters. Each breath of the patient is recorded and transmitted to the doctors via a connected App to enable telemedicine support. The device also has a provision for attaching an oxygen cylinder and can operate on its own in ambient air.

REWARDS / RECOGNITIONS

- Winner of "Eureka-2021," Asia's biggest business model competition, organized by IIT Bombay E-Cell and Gulf Islamic investments in Dubai.
- Recipient of Top innovator award at the Innovation Arena in the PHIC (Public Health Innovations Conclave) 2021 at Hitex Exhibition Centre.



<https://www.aerobiosys.com/>



FOUNDER

RAJESH THANGAVEL
YADAV



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 112.5 L

₹ 65.3 L

1

30

10,000+

₹ 45 L





AYU DEVICES PVT. LTD.

Thane

PRODUCT

Wireless Digital Stethoscope

THRUST AREA

Ventilators and Respiratory
Care Devices

APPLICATIONS

In COVID condition, it is difficult to use conventional stethoscopes to avoid patient to doctor infection transmission. AyuSynk helps in monitoring of the heart and lung sounds even keeping safe distance from the patients by using the Bluetooth capability of the device. It can also record, visualize and analyse breathing sounds, making it useful for screening, diagnosis and monitoring the patients.

 <https://www.ayudevices.store>



FOUNDER
ADARSHA
KACHAPPILLY



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 2.5 Cr

₹ 1 Cr

1

27

> 1 L+

₹ 32 L+



Step 1

Connect AyuSunk
to your smartphone via
the AyuShare mobile App

+



Step 2

Connect your Smartphone to
wired earphones or wireless
Bluetooth headsets

+



Step 3

Auscultate and Listen
to heart/ lung sounds
via the earphones /headsets



JEEVTRONICS PVT. LTD.

Pune

PRODUCT

Defibrillator

THRUST AREA

Ventilators and Respiratory
Care Devices

APPLICATIONS

Jeevtronics, have developed the world's 1st dual powered defibrillator (grid+ hand cranked). It has a built-in hand cranked generator & without electricity. Jeevtronics SanMitra 1000 HCT is also battery-less, thus making it more reliable. Protected by various patents (1 granted US patent, 1 Indian design registration, 1 Indian patents pending, more patents in the pipeline). Designed to international IEC standards and tested and approved by a NABL accredited lab. Jeevtronics is an ISO13485 certified. It has been tested for 16,000 charge-discharge cycles (unmatched worldwide). Supported by Indo-US Sci & Technology Forum (Gov India DST+US Gov), BIRAC BIG, IIPME (MEITY).

 <https://www.jeevtronics.com/>



FOUNDER

ASHISH GAWADE



Revenue
Generated



Funding Amount
Approved



Employment
Generated



Lives
Impacted



Donations
Made

₹ 37.9 L

₹ 1.5 Cr

11

> 1.32 L

₹ 75 L+





NOCCA ROBOTICS PVT. LTD.

Mumbai

PRODUCT

Ventilator

THRUST AREA

Ventilators and Respiratory
Care Devices

APPLICATIONS

Nocca Robotics, one of the startups incubated at Startup Incubation and Innovation Centre IIT Kanpur (SIIC IIT Kanpur) and SIIC IIT Kanpur has created a consortium with Bio-medical engineers, doctors, R&D leaders, Supply chain, MedTech business heads, etc. to develop a completely indigenized, invasive, portable and affordable mechanical ventilator. The designed mechanical ventilator is capable of operating in pressure-controlled mode.



<https://www.noccarc.com/>



FOUNDER
NIKHIL KURELE



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 86.16 Cr

₹ 1 Cr

9

530

80,000

₹ 45 L





WALNUT MEDICAL PVT. LTD.

Ambala

PRODUCT

Portable Oxygen Concentrator

THRUST AREA

Ventilators and Respiratory
Care Devices

APPLICATIONS

Portable Oxygen Concentrator (3L, 5L and 10L) Walnut Medical is currently investing internal funds to develop low cost oxygen concentrators which are essential for patients suffering from limited lung function, old age or any kind of set up needing oxygen cylinders. The oxygen concentrator creates concentrated oxygen 95% pure by nitrogen separation method. Walnut Medical also intends to create special oxygen concentrators with automated oxygen flow technology which will prevent patient from suffering hyperoxia.



<https://walnutmedical.in>



FOUNDER

SIDDHARTH DHAWAN



Revenue
Generated



Funding Amount
Approved



Patent
Filed



Employment
Generated



Lives
Impacted



Donations
Made

₹ 35 Cr

₹ 1 Cr

1

70

50,000

₹ 5 L+





www.dstcawach.in