



NITI Aayog

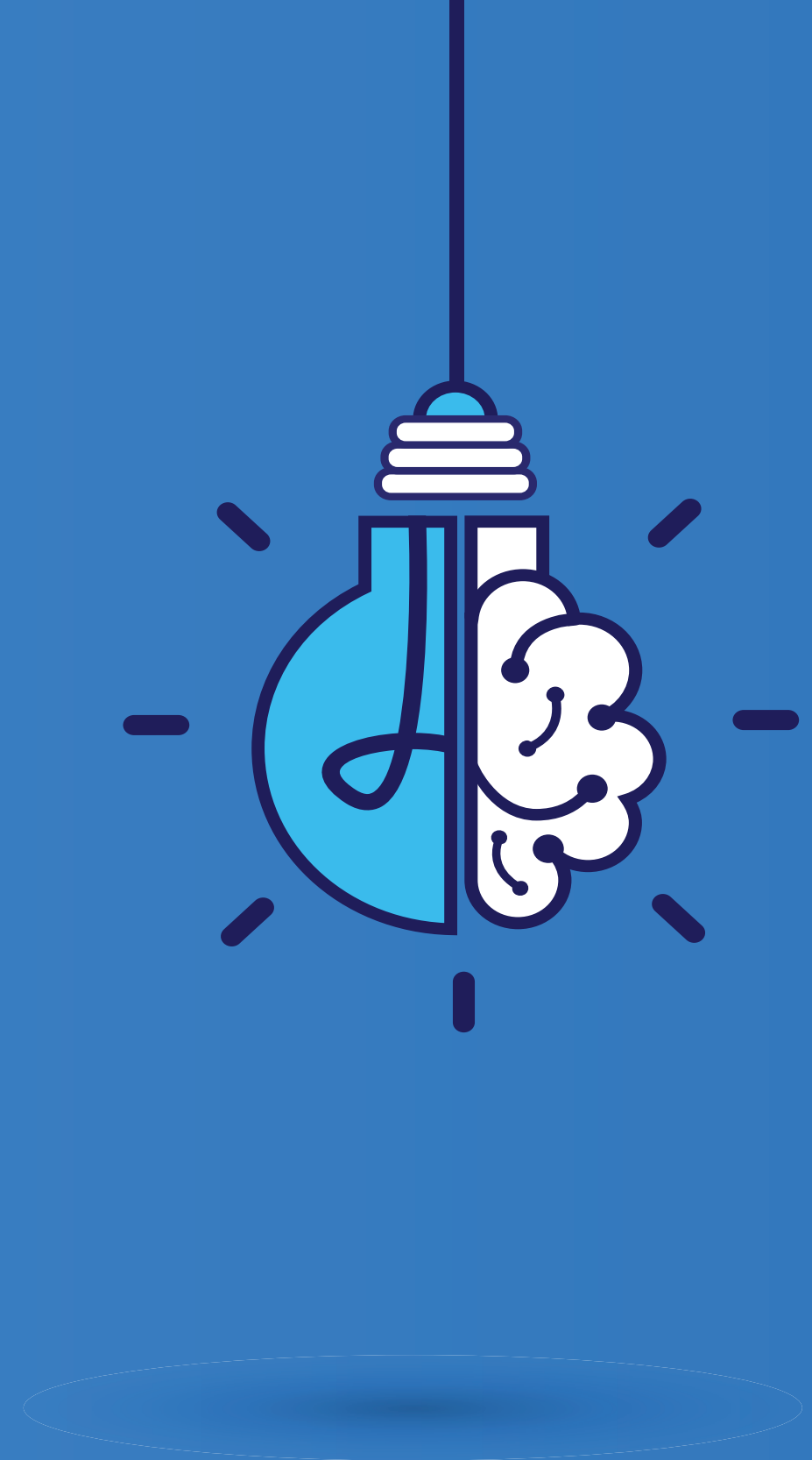


ATAL INNOVATION MISSION

INNOVATIONS

FOR YOU

HEALTHCARE





Shri Narendra Modi

Hon'ble Prime Minister

Startups are the engines of exponential growth, manifesting the power of innovation. Several big companies **today** are startups of **yesterday.**

They were born with a spirit of enterprise and adventure kept alive due to hard work and perseverance and **today** have become shining **beacons** of **innovation.**



Dr. VK Paul
Member, NITI Aayog

डॉ. विनोद कुमार पॉल
सदस्य
Dr. Vinod K. Paul
MEMBER



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September 13, 2021

Message


In 2020, India was among the top 50 innovative economies in the world and today India has become the 3rd largest startup ecosystem globally.

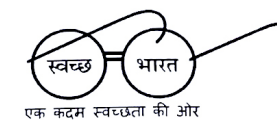
India has a lot of potential in terms of talent, skill and knowledge which has led the youth to begin their own ventures contributing to the startup culture in the country. The advent of Technology has further enhanced the startup ecosystem in India, making business processes quick and efficient.

With an aim to promote a culture of innovation, startups and entrepreneurship across the country, the Government of India started Atal Innovation Mission (AIM) to foster innovation in different sectors of the economy. AIM has established 68 Atal Incubation Centres at different universities, institutions and corporates providing technological facilities, growth funds, network and linkages, co-working spaces, mentoring and advisory support to startups and early stage companies.

I commend the team for starting the 'Innovation for You' series to showcase the success stories of startups with the first book focused on the innovations in Healthcare. It gives me immense pleasure to know that numerous startups in the Healthcare domain have seen the light of the day and are achieving their vision of becoming Leaders and helping the society at large. AIM has been doing a wonderful job of providing collaborative opportunities for different stakeholders through the AIC platform. I would like to congratulate Dr. Chintan Vaishnav and Dr. Rakesh Sarwal for constant support and inputs in realizing this task. I appreciate the efforts of Dr. Hafsa Ahmad and Deepjyot Kaur from Health division, NITI Aayog, and Manglesh Yadav and Garima Ujjainia from AIC for putting together this book.

I encourage the youth of today to put on their thinking caps and provide innovative solutions to simple challenges and problems faced by the society and leverage the AICs to turn their innovations into market ready products.


(Vinod Paul)





Dr. Rajiv Kumar
Vice Chairman, NITI Aayog

As India envisions becoming a \$5 trillion economy, our nation should focus on making innovation the engine that drives economic growth. Today, India ranks third amongst the global entrepreneurial ecosystems based on the count of its Unicorns, Tech- start-ups, Incubators and Accelerators. Driven by '**AatmaNirbhar Bharat**' and '**Make in India**' initiatives, the Indian economy and start-up ecosystem is gaining global attention and is presenting new opportunities for building a world class incubation ecosystem.

Entrepreneurship in India is undergoing a transformation where the innovators are increasingly working on providing unique and sustainable solutions to everyday problems. These innovative solutions have an opportunity of turning into global products, services, and processes.

To support the vision of an innovative India, the Government of India launched its flagship program - Atal Innovation Mission. A one of its kind interventions which is working in the direction of supporting upcoming and existing entrepreneurs through their innovation expeditions. Atal Innovation Mission through Atal Incubation Centres is creating a vibrant ecosystem of incubators across all states and UTs in India. These incubators are dedicated to nurture start-ups in their pursuit to become scalable, sustainable and global business enterprises. I feel delighted to share the enthusiasm and energy of these start-ups working towards developing world class innovations through this program.

I commend the AIM team for coming up with the compilation of these Healthcare start-ups and highlighting their success stories. This book serves as an encouragement and motivation to upcoming entrepreneurs to work on the path of creativity and imagination. My heartiest congratulations to the AIM team for coming a long way in this journey and best wishes for their dedicated efforts and positive energy.



Shri Amitabh Kant
Chief Executive Officer, NITI Aayog

Even as the world continues to fight with the pandemic, the remarkable resilience of India's ever evolving start-up ecosystem has been on a display, with increasing investments in EdTech, FinTech and Health based startups among others.

The launch of Start-Up India kick started an entrepreneurship revolution. Several policy interventions were since announced, giving the entrepreneurial ecosystem a much-needed launchpad. The Indian startup ecosystem has defied all the odds and has created 12 unicorns with a pandemic-hit economy. Currently, India is home to 38 Unicorns as per the Nasscom Tech Start up Report 2021 and eying to an even greater number.

The Atal Innovation Mission has since built a strong ecosystem. Under its core objectives, Atal Innovation Mission intends to support the establishment of incubation centres as Atal Incubation Centres (AICs) that would nurture innovative MSME, small-scale, large-scale start-up businesses in their pursuit to become sustainable and scalable enterprises. Today, Atal Innovation Mission is supporting 68 Atal Incubation Centres which are a house to world class startups, spread across India.

My belief is that the development of these world-class startups requires skillful application of technology, mentorship and strategy. This necessitates five critical inputs: flow of innovation-hungry young entrepreneurs, supportive infrastructure, correct outreach, empowering strategies and enabling policy environment. Through the development of innovative strategies and technology solutions, India can successfully claim its leadership in all sectors such as healthcare, education, financial inclusion, modernization of agriculture and others.

This book is an attempt to showcase how this young India is slowly but steadily moving towards becoming a world class leader. I indeed congratulate all the entrepreneurs mentioned in this book for their commendable innovation and support they have provided to the ecosystem and society in whole. My best wishes to everyone contributing to this national movement.



Dr. Chintan Vaishnav

Mission Director, Atal Innovation Mission,
NITI Aayog

The last decade has witnessed a tremendous growth in Indian startup and Innovation ecosystem. Today, India stands with third largest group of scientists and technicians in the world and is predicted to be the world's largest supplier of university graduates by next decade. In the recent times, India has prioritized fostering innovation and encouraging technology development by engaging R&D institutes, academia, industries, start-ups and even individual innovators. By 2030, India aims to become one of the largest economies, by focusing on the innovation ecosystem in the country.

Entrepreneurial boost to the Indian economy has helped hundreds of startups pinning huge success by attracting global investors and creating successful business models. The adaptation to user centered innovation processes by start-ups, penetration of internet and infrastructure connectivity has complemented the growth of new businesses and innovative solutions.

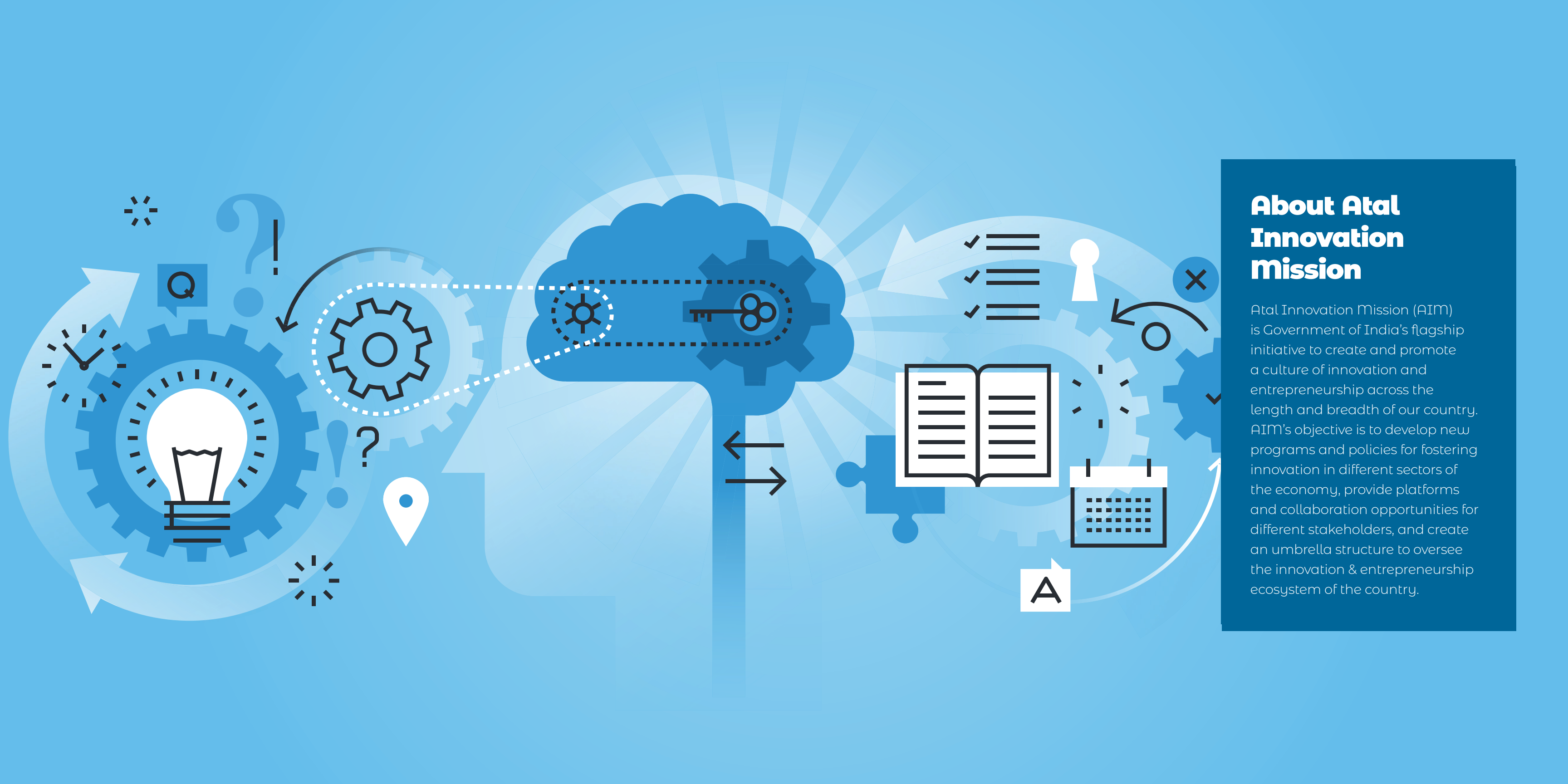
With a vision to establish India as a global hub for startups on the world map, Atal Innovation Mission since its inception is working to becoming a power house of innovation and entrepreneurship.

Till today, Atal Innovation Mission has established a total of 68 Atal Incubation Centres. Spread across the length and breadth of the country, these business incubators are supporting startups by providing technological facilities and advice, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring, and advisory support. These incubators are working in sectors like Healthcare, AI, Deep-Tech, EdTech, Agriculture and allied, Renewable energy, Electric Vehicles and Cleantech among others. It gives me immense pleasure to share that these incubators are fostering the next generation of innovators and entrepreneurs who will be influencers of tomorrow.

This book is a collection of innovations contributed to the society by startups of Atal Incubation Centres in Health Care sector. Many of these solutions have helped people in their fight against the pandemic and will continue to do so.

I hope that this compilation inspires other entrepreneurs and young minds across the country to create new, disruptive and innovative products, services and solutions which can pave a path for a sustainable future.

Heartiest Congratulations to all the innovators and many out there who are passionately working towards solving the HealthCare puzzle for a better tomorrow.



About Atal Innovation Mission

Atal Innovation Mission (AIM) is Government of India's flagship initiative to create and promote a culture of innovation and entrepreneurship across the length and breadth of our country. AIM's objective is to develop new programs and policies for fostering innovation in different sectors of the economy, provide platforms and collaboration opportunities for different stakeholders, and create an umbrella structure to oversee the innovation & entrepreneurship ecosystem of the country.



About Atal Incubation Centres

To create an ever-evolving ecosystem of start-ups and entrepreneurs, Atal Innovation Mission has been establishing business incubators called Atal Incubation Centres, also known as AICs, at universities, institutions and corporates among others. These business incubators are institutions that are geared towards speeding up the growth and success of start-ups and early-stage companies by providing technological facilities and advice, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring, and advisory support.

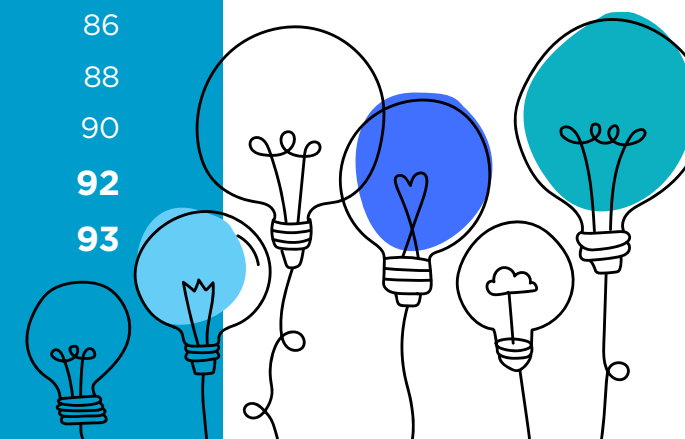
By establishing Atal Incubation Centres, AIM hopes to achieve a holistic ecosystem stretched along the length and breadth of our country. The idea is to bring all aspiring and motivated start-ups spread across varied topographies under the umbrella of innovation ecosystem. Thereby, fulfilling the objective of 'World Class Incubation'.

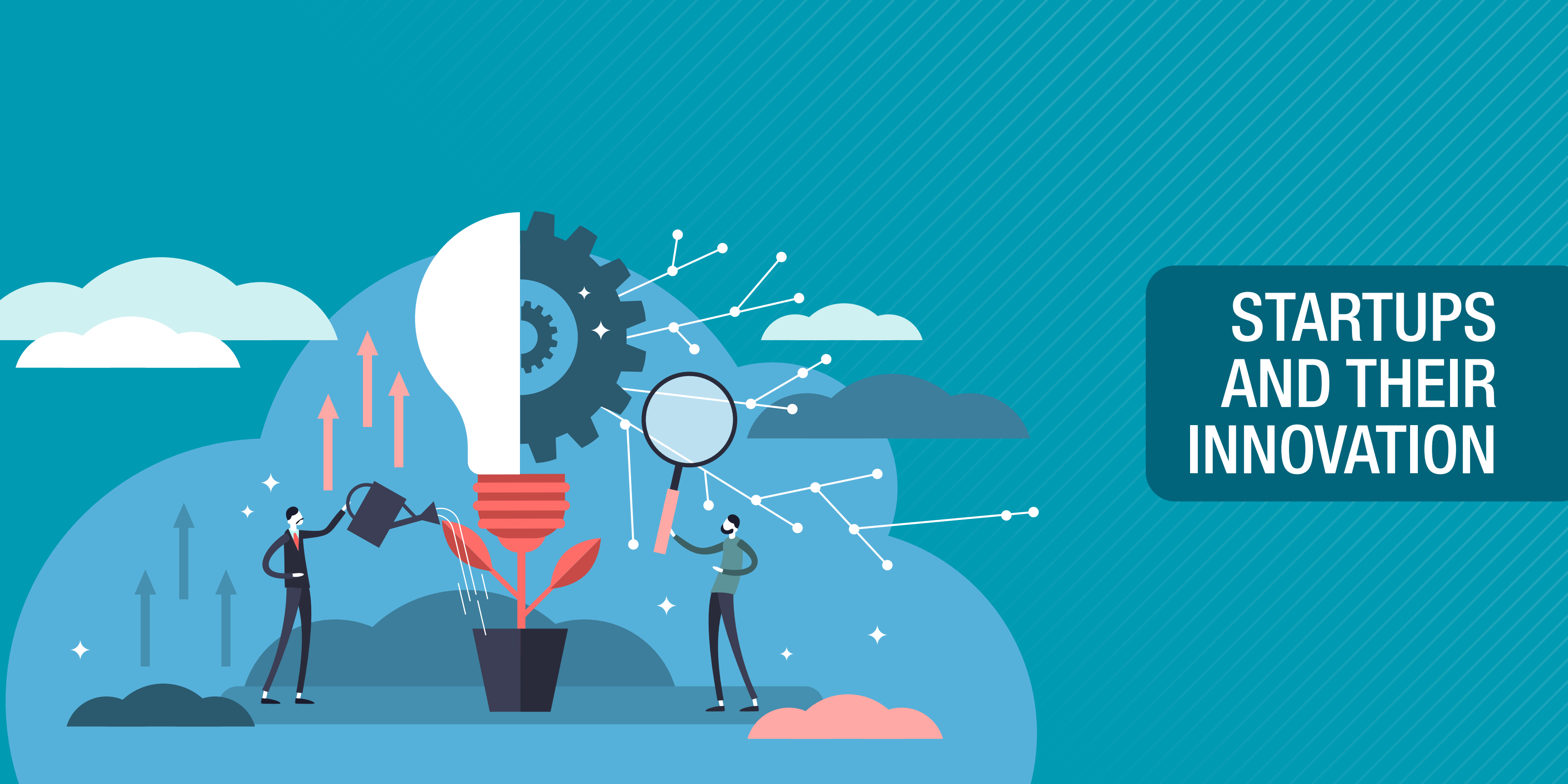
A special mention to the team of AIM supporting Atal Incubation Centres – Manglesh Yadav, Rohit Gupta, Anish Somani, Vinay Garg, Garima Ujjainia, Prithvi Sai Penumadu and Rajeev Kumar, to support the Indian startup ecosystem and achieve its ultimate goal of becoming #WorldClass.

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**STARTUPS
AND THEIR
INNOVATION**



Sunfox Technologies Pvt Ltd

Founder/Co-Founder
Rajat Jain

Incubated at
AIC AARTECH

Product Name
Spandan ECG device

Type
Product

Stage
Commercialized

Target Market
Domestic

IP Status
NA



rajat@sunfox.in



[Website](https://www.sunfox.in)

Sunfox Technologies is a health-tech R&D Lab, developing portable healthcare devices. The company is engaged in the research, designing, development, manufacturing of smart & futuristic technologies based on Artificial Intelligence. Founded in 2016, with a multidisciplinary engineering and business team to provide innovative solutions to everyday health problems.

The startup is presently focusing on cardiac diseases and trying to save millions of lives lost per year due to cardiac attacks, with the help of the flagship product Spandan. It is the world's smallest and affordable ECG with main goal to provide an economical, efficient and much faster medical attention to the patients.

Societal Relevance

With their portable ECG device "Spandan", Sunfox Technologies Pvt Ltd aims to revolutionise the way a medical equipment works and is perceived by the people not having any medical knowledge. Spandan ECG device and Android Application is mainly designed for general household use, Hospitals and clinics. It is a unique product in the market which provides patients and health conscious individuals an easy access to check and maintain their heart health. Spandan AI is the official AI module developed by engineers and researchers of Sunfox to make detection of classified abnormality like STMI and ST segment elevation. This is a cutting edge technology developed to make the patient to understand the dysfunction that will be the possible reason if Palpitation or chest pain is felt.

Major achievements/Awards/Recognitions

Funded by Startup Uttarakhand for piloting Spandan ECG, Won top third position at disruptive innovation in health care sector in India by CII, Max healthcare and Deloitte. It also got nominated among the top 80 startups in India at Janhit Jagaran Awards.

Spandan ECG machine was also the winner of Jancare Challenge organized by BIRAC (Dept of Biotechnology, Govt of India) and NASSCOM Foundation

The startup has been appreciated by Prime Minister Narendra Modi and has represented India at World Economic Forum at Tianjin, China at Annual Meeting of New Champions.



Neo Inventronix Pvt Ltd

Founder/Co-Founder
**G Srivalli Sirisha and
Gali Chakravarthy Srinivasa**

Incubated at
AIC ALEAP WE HUB

Product Name
GermiBAN

Type
Product

Stage
mvp

Target Market
Domestic and International

IP Status
In Process



neoinventronix@gmail.com



Website



Neo Inventronix Private Limited
Technology Unlimited

Neo Inventronix is a technocentric medical and health related product development and manufacturing company. Intuitive and disruptive technologies are part of the company product development processes. A subtle vision of eco and environmentally friendly products is a mark of the company.

Its mission is to design and develop intuitive, use disruptive technologies and manufacture user-friendly medical devices and equipment

Societal Relevance

GermiBAN™ fourfold super-sterilizer comes with integrated approach of room sterilization using physical phenomenon of sterilization killing all pathogenic viruses, bacteria and other contaminants to 99.99% in air and also physical surfaces within short period of time. It has a great value proposition and can be used extensively for the containment of virus and pathogens spreading in the hospitals and isolation wards. GermiBAN™ offers quick sterilization for Hospitals, Bio Hazard Zones, Operation Theatres, ICU's, NICU's, Buses, Railway compartments, Courier service warehouses, as well as in assisted living & extended care facilities.

Major achievements/Awards/Recognitions

- Their technology is proven and tested at Chest Hospital & Biotechnology Center ALEAP WEHUB
- GermiBAN was tested on live corona virus, by CCMB, Hyderabad and found >99% efficacy
- GermiBAN® is having a registered Trademark
- Achieved Miety Tide2.0 initial grant of 4.5 lakh
- Achieved the eligibility for MEITY scale up grant of 38.5 lakh



Robosurg Medtech Pvt Ltd

Founder/Co-Founder
SUDHIR PREM SRIVASTAVA

Incubated at
AIC AMTZ Medi Valley Incubation Council

Product Name
The Modular Robotic Arm

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
NA



inforobosurgmedtech@gmail.com



Website



Robotic Arms: Multi-Arm Novel Tele Robotic Assistance, the system, tested on 18 procedures in clinical trials at New Delhi's Rajiv Gandhi Cancer Institute, is capable of carrying out surgeries in all major surgical specialties including urology, general surgery, gynaecology, thoracic, cardiac and head and neck surgeries.

Societal Relevance

The SSI Mantra Surgical Robotic System was developed to perform minimal access surgery with high precision, control & dexterity.

It provides an ergonomic and user-friendly solution to the entire surgical team. SSI Mantra Surgical Robotic System has developed a Modular Robotic Arm.

The Modular Robotic Arms with multiple adjustments are mounted on individual motorized carts for easy motion, positioning and docking. This design allows for total flexibility as to number of arms for specific procedures (3-5 Arms), positioning based on target anatomy and body habitus.

Major achievements/Awards/Recognitions

SS Innovations' Founder, Chairman and CEO, Dr. Sudhir Srivastava was honored with the prestigious Atmanirbhar Bharat Award on the occasion of 'National Atmanirbhar Bharat E-Summit' also he was honored with the prestigious position as one of 'The Top 25 Healthcare Technology CEOs of Asia' for the year 2020 by the reputed 'The Healthcare Technology Report'.



Empathy Design Labs Pvt Ltd

Founder/Co-Founder
Ms. Shivi K

Incubated at
AIC Banasthali Vidyapith Foundation

Product Name
Kriya-Pregnancy Monitor

Type
Product

Stage
mvp

Target Market
Domestic and International

IP Status
na



 **shivi.nid@gmail.com,
shivi@empathydesignlabs.com**



Website

Empathy Design Labs has developed a wearable & non-invasive IOT device that alerts parents 24-hours prior to a pregnancy turning into a stillbirth. Founders of Empathy Design Labs had a vision of solving problems of with a simple and intuitive though process. The team at Empathy Design Labs has people from - Research , Design , Healthcare, Technology, Development sectors. The startup is incubated at Nasscom coe-IOT Lab and works from their co-working space.

Societal Relevance

As per WHO, There are 136 Million pregnancies every year and about 3 Million pregnancies turns into stillbirths. 4.2 Million women are currently suffering with depression associated to their stillbirths. The startup is working towards reducing the burden of 2.6 Million Stillbirths (Pregnancy loss after 24 weeks of pregnancy) across the globe. With KRIYA- PREGNANCY MONITOR, KRIYA is an IOT (Internet of things) solution where a wearable design like a patch is placed on a mothers belly and it provides information, alerts and further suggestions on a mobile app. This will help parents to take timely action. They have Identified 4 states as priority places for the pilot study to test the ICT and patch design “Empathy Design Labs was a Winner in Healthcare segment of NSIF AWARDS 2018. Moreover, the director of Empathy Design Labs - Shivi Kapil was chosen as one of the youngest achievers at ICICI Women advantage award 2018.

Major achievements/Awards/Recognitions

The startup was als chosen among TOP 26 winners from India by WE Can Business Plan competition by Dhriiti, US embassy and Cherie Blair Foundation.



Cloudspital Private Limited

Founder/Co-Founder

Shubham Shashank, Aditya Pandey and Kritika Chaturvedi

Incubated at

AIC BV Foundation

Product Name

Tele Medicine Kiosk

Type

Product and Service

Stage

Commercialized

Target Market

Domestic

IP Status

Provisional



**shubhamshashank86@gmail.com;
adityapandey89@hotmail.com**



Website



“CloudSpital Pvt Ltd is a platform manufacturer which aggregate doctors and hospitals. The platform also provides 24 type of body details through self check up, it also provides free workout, diet and lifestyle plans. Cloudspital mainly focuses over School health and hygiene managment. Cloudspital is also aiming to generate employment for 4 lakh+ Trained Nursing Staffs in different Schools.

Cloudspital also filed a patent with All India Institute of Medical Sciences, Patna over a specialised product for CoVID-19 patients. The recent PICU digitalization project of Bihar Govt. is also done by Cloudspital in association with AIIMS-P.

Societal Relevance

Cloudspital is focused on innovating and manufacturing equipment related to the healthcare sector. The company primarily focuses on health and hygiene of the users. The Community Outreach and Telemedicine Department under the supervision of Dr. Anil Kumar is also sharing a research over new technologies to enhance tele-medication.

In 2020, they reached a milestone in developing a remote stethoscope which can operate in real-time scenario and it can be connected with a normal mobile device. Even in areas with no internet connectivity the heart oscillation can be heard on a voice call.

Major achievements/Awards/Recognitions

Cloudspital telemedicine project is running under the guidance of the most trusted government hospital of India, All India Institute of Medical Science, Patna. The startup has also partnered with All India Private School and Children Welfare Association for the upgradation of 2 Lakh Schools.

In addition to this, it has also gained DPIIT Recognition and passed the Vendor Assesment by Quality Council of India.



Althion Tech Innovations Pvt Ltd

Founder/Co-Founder
**Surya Rao RPKS and
Punardeepti Deevakonda**

Incubated at
**AIC Centre for Cellular and
Molecular Biology**

Product Name
ultra pure water purifier

Type
Product

Stage
mvp

Target Market
Domestic and International

IP Status
In Process



 surya.rao@althion.in



Website

Althion is a medical device company developing multiple products to address challenges. Their products include IoT based remoting controlled ultra pure water purifier for dialysis, and a IoT enabled table top unit that produces type-1 and type-2 ultra-pure water for use in biotech/pharma companies, diagnostic labs, and research institutions.

They have developed the ultra-pure water units based on novel RO membrane technology licensed from CSIR-Indian Institute of Chemical Technology, Hyderabad. Althion's kidney dialysis water units produce pure water and meets AAMI standards. The membrane configuration removes the need for a resin softener, thereby removing the need for salt, and saving water and electricity up to 25%.

Societal Relevance

The kidney dialysis product enables high quality kidney dialysis by producing ultra-pure water that can be monitored in real time. This is very important especially when considering the 40+ lakh dialysis patients in the country, about 85% of whom do not have access to kidney dialysis (and about 2 lakh patients are added ever year because of the high prevalence of diabetes and hypertension in our country). Low quality water has long term and short term implications on the health of the already weakened kidney failure patients.

The government of India has recognised the importance of the problem, and has introduced a National Dialysis Programme, as part of the National Health Mission.

Major achievements/Awards/Recognitions

- Department of Science and Technology and Indian Science And Technology Entrepreneurs Parks And Business Incubator Association - Startup Award September 2019
- Tech Impact Award at Society for Technology Management - December 2019
- National Award for Startups from TDS, Ministry of Science and Technology



HUWEL TEAM

Huwel Lifesciences Pvt Ltd

Founder/Co-Founder
**RACHANA TRIPATHI and
SHESHEER KUMAR MUNPALLY**

Incubated at
**AIC Centre for Cellular and
Molecular Biology**

Product Name
Huwel Test Kit

Type
Product

Stage
Commercialized

Target Market

IP Status
2 patents



Website

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HUWEL LIFESCIENCES PVT.LTD
thriving on science

Huwel Lifesciences Pvt Ltd was established in February 2015 as a high-end molecular diagnostics kit manufacturer which enable reference labs and hospitals to provide reliable and high-quality diagnostics services to clinicians. The facility is well equipped with a state of the art ISO 7/8 clean rooms for development and manufacturing of PCR, Real-Time PCR kits and Rapid real-time PCR machines with reagents.

The company is backed with a very experienced team with a mission to deliver high-quality molecular kits and reagents. Good manufacturing practices (GMP), adapting stringent quality control methods and high level of documentation at Huwelensures delivery of high-quality kits with consistency.

Societal Relevance

Huwel lifesciences was established with the aim to make a mark in the area of molecular diagnostics. Huwel aims at manufacturing and developing the accurate and cost-effective molecular test. All the reagents and kits are manufactured following GMP guidelines under ISO 7 and 8 environment, and undergo strict Quality control testing before release.

Major achievements/Awards/Recognitions

- Obtained Manufacturing Licences For IVD Kits
- Association with Genesystems Korea for Rapid and real Time PCR
- Secured Project under National Bio Pharma Mission from BIRAC
- Launch of regents for Rapid Real Time PCR
- Creating ISO 7/ISO 8 facility for manufacturing enzymes and kits



SHPERO Health LLP

Founder/Co-Founder
**Mrs. Hetal Chauhan and
Dr Sanjay Chauhan**

Incubated at
AIC GISC Foundation

Product Name
Hempoin

Type
Product

Stage
Commercialized

Target Market
Domestic

IP Status
**3 Trademark approved and
Patent received First Inspection Report**



shperohealth@gmail.com



Website

The SHPERO Health LLP was founded in 2017 with a vision to build the most sustainable system in the area of Healthcare & Agriculture and to develop products from the multifarious xerophytes that focus more on Waste to Value & Sustainable Development.

The brand name of product “Hempoin ® ” contains active ingredient Opuntia vulgaris fruit extract which is indicated for the treatment of anaemia and approved under schedule IV of the Food Safety and Standard Act, 2006. This is a health nutraceutical product and acts as erythropoietic (blood formation process), immunomodulatory and antioxidant. The target for the erythropoiesis is not as supplement but totally evaluated novel target called Hypoxia Inducing Factor Prolyl Hydroxylase Inhibitor, by which endogenous Erythropoietin level stimulates, facilitates iron exporter (enhance iron absorption from gut as well transport stored iron from liver to bone marrow) and leads to erythropoiesis.

Societal Relevance

Low level of haemoglobin and Red Blood Count affect the quality of life of the human being. The development of Hempoin ® not only helps to recover haemoglobin level but also strengthens the immune system of the body. Presently, Iron preparation is preferred as the first choice of the drug in the pregnancy but never think about its side effects like constipation and gastritis while Hempoin ® is more effective compared to iron and devoid of any such side effects. In case of Renal anaemia, erythropoietin injection is the drug of choice for the treatment but it is an exogenous hormone and by discounting the injection, haemoglobin level goes down while Hempoin ® gradually stimulates the endogenous erythropoietin hormone and maintain the haemoglobin level.

By such mechanism of action Hempoin ® gives three actions (erythropoiesis, immunomodulatory and antioxidant) in one therapy which impacts the healthier life of the society. Moreover, Hempoin ® developed from the cactus which is an xerophytic plant and widely grown in the arid and semi-arid region and roadside waste land. procure raw material from such regions and provide employment to the rural people for the collection and cultivation.

Major achievements/Awards/Recognitions

- Gujarat technological university innovation and startup centre awarded startup awards in growth stage to SHPERO HEALTH LLP on 14th february 2021.
- SHPERO HEALTH LLP has been awarded by Nationwide startup awards 2021 in the category of best emerging health supplement brand - 2021 presented by business mint on 25th august 2021.
- The DIPP, Govt of India has recognised SHPERO Health LLP as “Startup”. (Certificate No.: DIPPI10166)
- Industrial commissioner government of gujarat awarded seed fund of rs. 15 lakh. For the product development under startup gujarat policy.





Smile in Hour LLP

Founder/Co-Founder
Dr. Bharat Agravat

Incubated at
AIC GISC Foundation

Product Name
OSMF Mouth Opening Kit

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
Filed



info@smileinhour.in



Website



Smile in an hour is India's first Dental Start-up. to get listed in DPIIT Recognised startup and developed the Oral-care and Dental Product and Services. They are a DenTech startup with an aim to provide innovative, cost-effective, and comprehensive solutions, products with strategic partnerships, and collaborative relationships to help especially in Oralcare people to transcend their barriers.

OSMF Mouth Opening Kit, developed by Smile in Hour LLP is a complete Oral Sub mucous Fibrosis Ayurvedic treatment kit, with a lollipop, a tablet for Trismus, and an UNIQUE mouth opening exercise device. OSMF Mouth Opening Kit is recommended for patients who need additional treatment for advanced stages of oral sub mucous fibrosis like Grade II and III, mouth ulceration and stiff jaw. It's also recommended for those patients who have suffered with these conditions for more than 6 months.

Societal Relevance

Smile in Hour® are the launch heads of world's first Mouth Opening Treatment @ Home webstore www.osmfmouthopeningkit.com, a convenient way for you to order common every day dental and personal oral care items. Their team is made up of clinicians, researchers, engineers, financial experts and with outstanding expertise. They know the oral healthcare business from the bottom up and top down. Smile in Hour vision is Healthy Smiles for all. Quit tobacco and Oral Cancer free world.

It is a new dentistry startup hoping to infuse life into an old-fashioned industry, aims to reduce that fear. It aims to help dentists by providing new high-tech tools are making dentistry faster, more effective, and less painful. They strive to offer the highest quality product to the dental & medical fraternity and establish new standards with innovative products and win customers around the world with proficiency, reputation, quality standards, and humanity.

Major achievements/Awards/Recognitions

Smile in Hour is India's first DenTech startup. Their flagship treatment product Endodeck procedure is also an award-winning one that was formulated in a joint research with the AIC-GTU Centre, Advanced Digital Endodontic System.

- Inactivates 99.99% coronavirus
- Anti-viral
- Anti-bacterial
- Anti-fungal
- Superior Comfort
- Reusable



Thermaissance

Founder/Co-Founder

**Manish Raval and
Hemali Sangani**

Incubated at

AIC GISC Foundation

Product Name

Face Masks and clothing

Type

Product

Stage

Commercialized

Target Market

Domestic and International

IP Status

NA



**manish.raval@thermaissance.com
hemali.sangani@thermaissance.com**



Website

Thermaissance's mission is to reduce the healthcare-associated and community-acquired infections. They have developed nanotechnology-based textiles that can successfully inactivate various viruses, bacteria and fungi. Their fabric technology has been scientifically tested in various ISO certified laboratories and have been proven to inactivate over 99.99% Coronavirus, Staphylococcus aureus, Klebsiella pneumoniae, E-coli, MRSA, VRE, CRE and Mucor species. The technology works 24/7 by disrupting the membrane of viruses and bacteria, eventually killing them by hindering their ability to thrive.

They use these fabrics to make various medical textiles such as scrubs, gowns, patient clothing, lab coats, masks, gloves, head cap, Reusable PPE, Reusable Coverall, etc. These textiles are reusable for 100+ washes, making it long lasting and super cost effective. Further, their textiles are certified as non-toxic, fire resistant and safe to use. At the same time, Thermaissance textiles are extremely skin friendly and provide day-long comfort to the wearer.

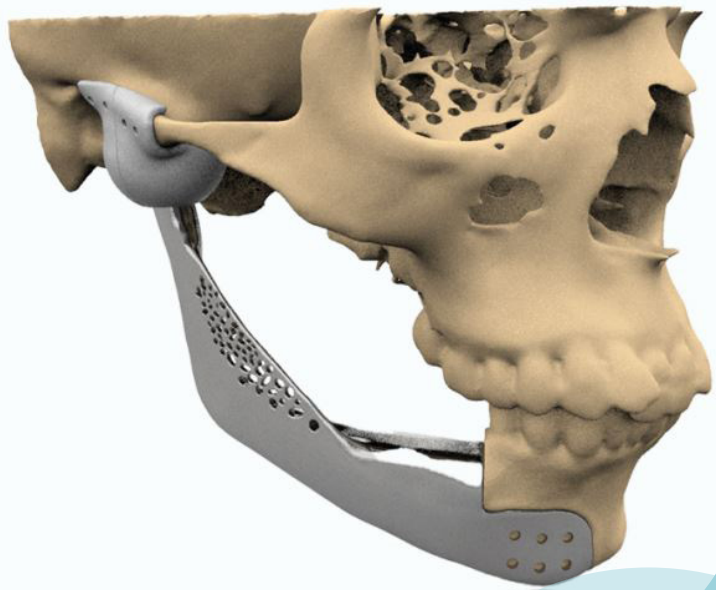
Societal Relevance

They target various healthcare-associated and community-acquired infections that affect the society at large. By reducing the infections, they want to ensure that people stay fit, mortality is reduced and the work is not impacted. Their products for healthcare workers provide them adequate protection as well as comfort and reduce the various heat-related illnesses that disposable textiles cause. The products are reusable, recyclable and non-toxic. These can reduce the solid waste generation by over 99%, and carbon emission by over 63% vis-a-vis disposables. They have also adopted 9 out of 17 UN's Sustainable Development Goals in their business model

Major achievements/Awards/Recognitions

The product is Recognized by AGNIi Mission as Covid-19 Killer Products. Thermaissance is also awarded Top 50 Innovative Healthcare Companies in the World in 2019 by International Forums on Advancements in Healthcare (IFAH).

Thermaissance was also selected as Top 75 ideas (out of 18000+ ideas) by Economic Times Power of Ideas



Jajal Medical Services (OPC) Pvt Ltd

Founder/Co-Founder

Ketan Jajal

Incubated at

AIC GUSEC Foundation

Product Name

3d printed micro-porous structure

Type

Product

Stage

Commercialized

Target Market

Domestic and International

IP Status

Filed



ketan.jajal@jajalmedical.com



Website



Jajal Medical

Jajal Medical is Asia's leading patient-specific surgical solutions company. They support surgeons and medical device companies with their diverse services by providing better 3D visualization of patients' anatomy, preparing virtual surgical plans, designing and manufacturing customized patient-specific orthopedics 3D printed models, surgical guides, and custom implants.

Their online platform MySegmenter.com democratizes the use of 3D printing in healthcare globally. It is a kind of software as a service (SAAS) platform in the medical applications of 3D printing space. This unique cloud-based point-of-care digital 3D printing platform allows healthcare professionals to review and approve their virtual surgical plan from anywhere anytime.

Societal Relevance

With the customized implants oral cancer patients can live a normal life including eating food. They also specialize in converting patient's scan data (CT & MRI) into 3D models that help visualize and pre-plan for complex surgeries.

Aligned with their mission and values, People at Jajal Medical Services are always motivated to provide custom solutions for complex surgeries. Through their Digital Surgical Planning platform, they help their customers to avoid surprises in surgery and improve clinical outcomes. In the end, it's all about getting the patient's life back on track.



Edith Robotics Solutions LLP

Founder/Co-Founder
Shubham Shah

Incubated at
AIC GUSEC Foundation

Product Name
Isolation Pod

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
Filed



shubhamshah7999@gmail.com



Website



Edith Healthcare

Edith Robotics Solutions LLP is a Research & Development company solving real world problems by applied science & industry 4.0 techno solutions. Startup has Provided different solutions till now in different domains from Defence to Healthcare & created IP for the same.

The startup has developed isolation pods for infection control. Their Products Airborne Infection Isolation Unit & Mobile Isolation Pods are used to isolate any infectious[virus/bacteria] patients, so patient exhale cannot come directly into environment it is filtered down to 0.1 micron & sterilized before it's mixup within the environment.

One infectious patient is responsible for nearly 500 new transmissions. Their Product can play a vital role in breaking this chain. By isolating infectious patients they can decrease the spread of viruses drastically & save millions of lives.

Societal Relevance

It aims to prevent the spread of any airborne virus/bacteria/fungal and save millions of lives who can be infected with such pathogens. It also provides biosafety level 4 protection at healthcare facility - multiple infection patients can be treated at same place, low cost & portable negative pressure chamber with filtration & sterilization to provide healthcare facilities in rural areas as well.

It is the India's first individual patient Isolation solution for healthcare facilities.

Major achievements/Awards/Recognitions

- Winner/Awards- INC COVID19 Challenge by Brihati Foundation [Claris Group]
- Winner/Awards- Covid19 Challenge by the Education department, Government of Gujarat.
- Winner/Awards- Makerfest Vadodara 2021
- Canada-india Healthcare Innovation Awards [Recognition]
- News channels : ABP Ashmita, Nirman News, Nation+ News, GTPL
- Top 10 Healthcare startups by Tie Bangalore



Desintox Technologies Pvt Ltd

Founder/Co-Founder
Don Paul and Sooraj C

Incubated at
AIC IIIT Kottayam Foundation

Product Name
Standing Wheel Chair

Type
Product

Stage
Commercialized

Target Market
Domestic

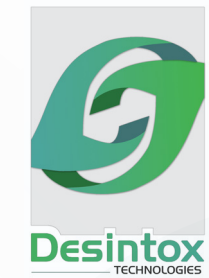
IP Status
1 licensed, 2 provisional



 **don9526@gmail.com;**
desintotech@gmail.com



Website



Desintox Technologies is a medical device assistive tech startup incubated at AIC IIIT KOTTAYAM, Kerala and working with a vision to enable differently abled people/people with movement disability. They are into Research & Development and Manufacturing of advanced wheelchairs (with standing, reclining, electric mobility feature) and patient transfer devices that gives a second life, filled with happiness, to people with movement disabilities. Products under development include advanced transfer device that can transfer patients even from complicated surfaces like vehicles, toilets, etc.

Societal Relevance

Desintox's products ease the life of differently abled people, increase their dignity and ease the effort of caretakers. Their advanced standing wheelchair helps users to have mobility, accesibility and physiotherapy in same device. Patient transfer device helps in transferring persons from bed, wheelchair, chair, etc with minimum effort thereby reducing number of caretakers required and effort by caretakers.

Many differently abled people are confined to home as they require external help and are cast away from mainstream of society. By the use of this product, the people will be able to go out and go for work and will be able lead a better life connected to society and will have education and employment opportunities and have a life free from poverty.

They try to achieve 8 out of 17 sustainable development goals by UN. The goals they focus include no poverty, zero hunger, quality education, good health & well being, decent work & economic growth, reduced inequalities, sustainable cities and communities and justice.

Major achievements/Awards/Recognitions

Desintox has bagged funding from Kerala Startup Mission and Department of Science and Technology. They have represented Kerala State Industries Department in IITF, 2017 and were also in Top ten startup at AICTE National Startup Summit 2017



TickTalkTo

Founder/Co-Founder
Abhay Singhal

Incubated at
AIC ISB Association

Product Name
User Interface of TickTalkTo

Type
Service-App based

Stage
Commercialized

Target Market
Domestic

IP Status
Published



abhay@ticktalkto.com



Website



TickTalkTo is an app which helps people access immediate psychological and psychiatric help. It connects them with mental health experts who can help them lead happier and healthier lives.

TickTalkTo's goal is simple — to connect people with mental health professionals who can help them lead happier and healthier lives. Around 80 per cent of Indian affected by mental health problems do no seek professional help which has a lot of stigma attached to it. TickTalkTo aims to bridge this gap by providing private, confidential and anonymous therapy. TickTalkTo improves access and affordability to mental health care in a stigma-free safe space.

Societal Relevance

Mental health is three-pronged challenge. Firstly, there is a huge mental illness burden. In India, more than 150 million people suffer from mental disorders. TickTalkTo leverages technology to provide a telepsychology platform which can improve access to mental health care at scale. Secondly, there is a grossly inadequate mental health care support structure. India has just about 1000 clinical psychologists and 4000 psychiatrists. TickTalkTo is able to increase efficiency of existing practitioners by automating mechanical tasks. In addition, the platform also generates flexible livelihood opportunities for skilled mental healthcare manpower and hence pulling the existing passive but skilled workforce into the active workforce. Finally, the uptake of mental health services is very low on account of lack of awareness, lack of access, lack of affordability and stigma.

The outbreak of the COVID-19 pandemic in 2020 lead to an incidental significant rise in mental health concerns. They have been able to extend mental health services to various strata of society - frontline workers, countrymen directly and indirectly impacted by COVID-19 and marginalised groups like SC-ST etc. This has been made possible due to their collaborations with organisations, like Department of Science and Technology, ICICI Knowledge Park and DLabs ISB.

Major achievements/Awards/Recognitions

- Innovative Idea of the Year, Software Technology Parks of India (STPI)
- Recognised as a support solution w.r.t. COVID-19 pandemic, by AGNII, Govt. of India. (<https://www.agnii.gov.in/covid-19/61/ticktalkto>)
- Winner, Digital Innovation Summit, HDFC Bank
- Second Prize in India Health Innovation Contest, George Institute and UNSW Sydney
- Top 10 Super Starters Inc. – the Healthcare Start-up Challenge, Fortis
- International Digital Health Symposium hosted by the Ministry of Health and Family Welfare, GoI in partnership with World Health Organization (WHO)
- Covered in India Today, GQ, Inc42, Indian Express, DNA India, Times of India and The Week.



Spadent India Pvt Ltd

Founder/Co-Founder
Dr. Nikhil Kaushik

Incubated at
AIC JKLU Foundation

Product Name
n/a

Type
Product and Service

Stage
Commercialized

Target Market
Domestic and International

IP Status
Spadent name logo is registered.



spadentindia@gmail.com



Website



Spadent is dental service provider, providing dental services with their movable dental setups which can be installed and de-installed in 15 minutes and they also have dental clinics. There are 16.9 million middle class and above people residing in Delhi-NCR who are suffering from dental problems but only 20% of this segment goes to dentist for treatment in their life-time. Spadent is functional in dwarka where they provide on spot dental treatment at their different outreach programs and beneficiary of the same can also visit their nearby dental clinic for follow-up, if beneficiary is somehow unable to visit their branch than they can schedule an appointment for home-visit as well.

Societal Relevance

Spadent vision is Healthy Smiles for all; it wants to serve the community and groups such that the service will not impose higher loads onto the pocket of customers and also help them in saving their time so that they can increase their productivity. Spadent wants to create an environment for the team which will help in maximizing the output henceforth leading to growth and success of the team. Thus have benefits for both, customers and the team; leading to healthy smiles for all. There are 178 million and 16.9 million middle class and above people residing in India and Delhi-NCR, respectively; who are suffering from dental problems but only 20% of this segment goes to dentist for treatment in their life-time. This complete work is done with the help of two portable setups and one dental clinic in 3 years and spadent is aiming to outreach 0.6 million customers with hundred movable setups and fifty dental clinics within Delhi-NCR by 2026; 3.6 million customers with six hundred movable dental setups and three hundred dental clinics in India by 2030 and having presence in multiple location of SEA by 2031.

With different outreach programs spadent can reduce customer DALYs of dental caries and periodontal diseases by 30 percent and also reduce the burden of non-communicable diseases like oral cancer by pre-screening of oral mucosal lesion at their early preventable stage and can refer and provide aids for cessation of the tobacco use as key risk factor of the same.

Major achievements/Awards/Recognitions

- Spadent was incubated in Nexus Startup Hub @American Center, DELHI; where spadent founder was honored for most punctual startup of COHORT08.
- They were conferred with most visited startup award in 6th India International Msme Startup Expo & Summits-2019



Ameliorate Biotech Private Limited

Founder/Co-Founder
**Dr. Rashbehari Tunga and
Dr. Binita S. Tunga**

Incubated at
**AIC Jyothy Institute Of Technology
Foundation**

Product Name
Diagnostic kits

Type
Product

Stage
mvp

Target Market
Domestic and International

IP Status
In Process

tungarashbehari@gmail.com;
vinishrivastava134@gmail.com



Website



Ameliorate is a biotech company striving to make the healthcare unit better. The company was co-founded by Dr. Rashbehari Tunga and Dr Binita S. Tunga in the year 2015. They are a young passionate and energetic team of dedicated professionals focused on working towards cost effective and convenient solutions in the healthcare segment. The field that they focus on are Diagnostic kits/sensors for early stage and rapid diagnostics, Advanced probiotic formulation for increased immunity, and Bio-therapeutic product development using patented platform technology without using antibiotic. Specific area of interventions are: Diagnostic - Single rapid diagnostic kit for early detection of malaria, chikungunya and dengue (ASSURED), Blood free Glucometer - A pain-free affordable and self-use glucometer for accurate measurement of glucose from saliva used for testing blood glucose levels (SUGAM).

Societal Relevance

Mosquito borne diseases are endemic in Andhra Pradesh, Telengana, Madhya Pradesh, Kerala etc. the states like these have large rural populations. People in such areas when they get infected with fever visit local PHC or Gov hospitals, due to lack of diagnostic technologies in such rural areas identification of type of disease prolongs to a min of 7 days. Ameliorate's innovation of ASSURED, an early stage rapid detection kit is a boon for such areas. ASSURED is a low cost device and also detects 3 diseases in one go. ASSURED helps in early detection and proper treatment. At the same time, all of them are back on track to work which adds upto GDP of the country.

Major achievements/Awards/Recognitions

Ameliorate Biotech has received a grant from BIRAC of Rs. 50 lakhs. Also received ELEVATE 100 award and reward worth Rs. 20 lakhs, NIDHY Prayas funding of 10 lakhs, Infosys Aarohon award 2020 and reward worth Rs. 20 lakhs, PRISM funding from DSIR of Rs. 20 lakhs and ZS prize runner-up award and reward of 25 lakhs. They also have Rs. 2 Crore equity funding from (LV foundation, DERBI, SINE, Villgro).





Power Factor

Founder/Co-Founder
Mr. Sriram Mokhasi

Incubated at
**AIC Jyothy Institute of
Technology Foundation**

Product Name
ZapC

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
In process



 shriram.mokhasi@gmail.com



Website



Power Factor founded in 2017, a mission to conceive market-driven breakthrough products and achieve global scale. They have vision to expand beyond high-tech product management and initiate Innovation incubation & new product development.

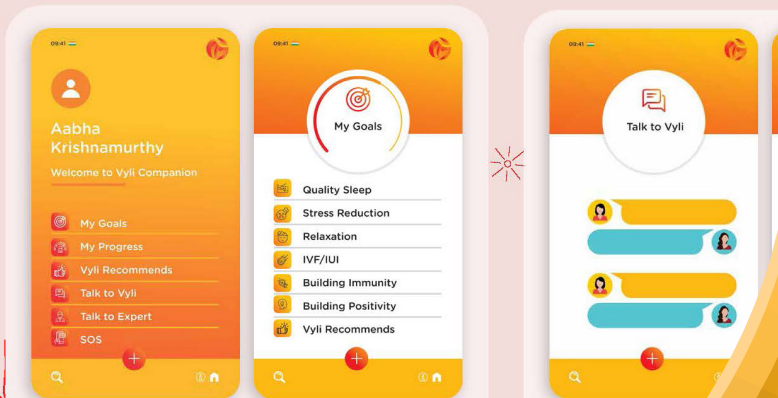
Problem: Airborne Infections, reduces Respiratory irritation and dust and pollen allergy problems.

Solution: ZapC – Neutralise the positive ions such as Virus, Bacteria, Dust and Pollen partical in area of 3ft radius for individual. ZapC emits negative ions which are produced by electronically and thus eventually individual will be protected from airborne and respiratory infections.

Societal Relevance

Personal Air purifier - A Negative Ion Generator, Zap-C, can help by killing bacteria, viruses and other harmful germs in one's surroundings to prevent user from Airborne infection. Additionally, it can also eliminate dust, pollen and other allergens helping people with severe allergies remain healthy irrespective of the weather. There are millions of people suffering from Allegies in metropolitan cities and spending money on this. This one time investment will solve or reduce the sufferings of individual who are suffering.

VYLI COMPANION



CARE MANAGEMENT



Sparcolife Digital Healthcare Technologies Pvt Ltd

Founder/Co-Founder
Ms. Pooja Hemmige Shwethadri

Incubated at
AIC Jyothy Institute of Technology Foundation

Product Name
Vyana Life

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
In Process



pooja@sparclife.co



Website



Sparcolife is an Applied Behavioural Health Sciences Company involved in the Research, Design, Development & Commercialization of an Integrated Care Delivery Platform that comprises Multimodal Digital Diagnostics and Multisensory Stimulation based Digital Therapeutics. Recent studies involving working professionals in Corporate Urban India indicates that 1 in 4 women suffer from Menstrual Irregularity, 1 in 3 women and 1 in 4 men are affected due to Infertility. Sparcolife is a women-led enterprise, a recipient of the Nidhi Prayas grant, member of the present cohort of the Acceleration Initiative for Diagnostics (AID) program of the Research and Innovation Circle of Hyderabad (RICH). It has recently launched its Integrated Behavioural & Mental Healthcare platform called Vyana Life to serve the Reproductive Health needs of working professionals in Urban India.

Societal Relevance

Lifestyle diseases are on the rise at an alarming rate, impacting both the quality of life of people and the workforce's productivity. While medical interventions for chronic conditions are increasingly becoming available, complementary behavioural & mental healthcare needs require immediate support. Introduction of their digital therapeutic platform (Vyana Life) to enable adoption of Integrated Behavioural & Mental Healthcare alongside Medical Care & Chronic Diseases would have the following benefits: Improved Quality of Care, Positive Impact on Clinical Outcomes, Enhance Medical Adherence, and Reduces medical errors. Reduced healthcare costs, speedy recovery, and improved quality of life directly impact the country's GDP.

Major achievements/Awards/Recognitions

Selected for the second edition of T-Angel, a 45-day accelerator bootcamp which will feature the startup who in turn will get support from angel investors upto Rs. 50 Lakhs.

Nutrition Dynamic Foods LLP–NDF provides Economical self care management solutions by manufacturing 100% Plant Based, Natural, Innovative Flavour Functional Beverage Premixes from Freeze dried Vegetables, Herbs and Spices for Working Professional, Senior Executives and Senior Citizens suffering from Inflammatory Non Communicable Diseases like Diabetes, Cardiovascular Diseases, Obesity, cancer and mental diseases acclerated due to Stress and Dietary Choices.

Societal Relevance

UNSDG – 3 – Good Health and Wellbeing

- 41 Million Globally and 5.81 million in India deaths has been recorded due to Non Communicable Diseases affecting age group between 30-70years.
- Unhealthy diets, physical inactivity, smoking, alcohol, tobacco has been contributing factors towards NCD.
- Scientifically diet rich in Antioxidants helps in addressing NCD, however due to stress and time crunches convenience options in terms of food has been the preferred choice.
- Medicines, Nutraceutical Supplements, Fortified Foods, Diet Counselling has often had its limitation in providing sustainable solutions.
- NDF Products uses Freeze drying technology that retains Micronutrients and Naturality of the ingredients, based on Effective Traditional Science translated to Modern Science and Convenience NDF products provides instant Functional Beverage Premixes that can be carried anywhere anytime to attain your RDA of fruits and vegetables.

UNSDG – 9 – Industrial Innovation

- Food and Beverage Industry are unable to avoid sugar or its derivatives from the final product and are based on Fruit and Vegetable combinations or Single Ingredient combinations using Spray drying or concentrate in their manufacturing process.
- Indian Journal of Patents has published NDF Products for its combination and method of preparation as NDF products uses Freeze drying technology, ingredients that are naturally sugarless or low sugar as vegetables like Bottlegourd/Spinach/Moringa and natural flavours from spices like turmeric, ginger, black pepper, etc. which has scientifically proven for its health imparting properties.
- In plant-based product combination is utmost important as to provide wholesome nutrition hence NDF has polyherbal formulation for its products that provides wholesome nutrition of vegetables and spices by preserving their natural dietary fibres.

Major achievements/Awards/Recognitions

- Young Entrepreneur/Food Innovation Awards By AFSTI at CFTRI Mysore
- ET Enterprise Icon–Emerging MSME of the year Health and Nutritional Drink
- Business Leadership Award by Indian Achievers Forum
- IIM Speaker–For student of ISK-G
- Gujarat Woman Leaders by World Women Leadership

Nutrition Dynamic Foods LLP

Founder/Co-Founder
Mrs. Arpita Doshi

Incubated at
AIC LMCP Foundation

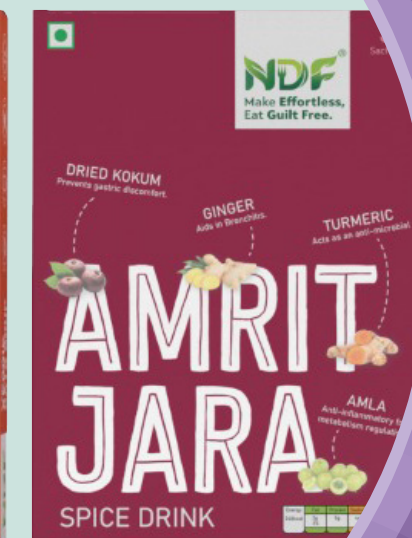
Product Name
NDF Food products

Type
Product

Stage
Commercialized

Target Market
Domestic

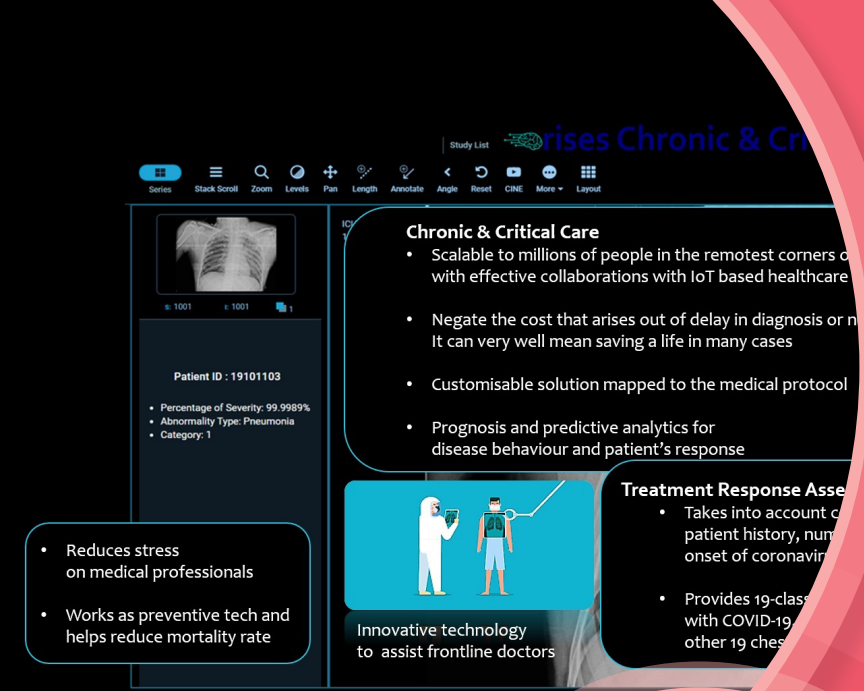
IP Status
4 TM, 1 CR and 6 Patent Pendng



ad.ndfg@gmail.com



Website



Rises Analytics Solutions Pvt Ltd

Founder/Co-Founder
Mr. Ajit Deshpande

Incubated at
AIC LMCP Foundation

Product Name
RISES AI Solution

Type
Service-online

Stage
Commercialized

Target Market
Domestic and International

IP Status
In process

Chronic & Critical Care

- Scalable to millions of people in the remotest corners of the world with effective collaborations with IoT based healthcare
- Negate the cost that arises out of delay in diagnosis or no diagnosis. It can very well mean saving a life in many cases
- Customisable solution mapped to the medical protocol
- Prognosis and predictive analytics for disease behaviour and patient's response

Treatment Response Assessment

- Takes into account of patient history, number of visits, onset of coronavirus
- Provides 19-classification with COVID-19 and other 19 chest diseases

Reduces stress on medical professionals

Works as preventive tech and helps reduce mortality rate

Innovative technology to assist frontline doctors



RISES is working on high-tech healthcare AI solutions at scale. It has a vision to bridge the gap between patients and timely medical intervention and to extend diagnostic decision support to health care professionals in order to serve patients with efficacy, accuracies and insights, with innovative technology TRAP (Treatment Response Assessment & Predictions).

Societal Relevance

Rises Analytics Solutions, a high-tech Startup with healthcare AI software solutions. Rises Chronic & Critical Care solutions for “Cancer and Pulmonary conditions including Covid-19” are getting traction worldwide. It works as Clinical Decision Support Software for health care professionals, Deep Learning analysis of primarily medical imaging data. For USA as well as India, the main issue is extending the healthcare service at scale, especially the treatment effectiveness. In case of COVID-19 finding the comorbidity, risk score and other pulmonary disorders using patient data along with modalities like x-ray & CT scan. Healthcare system worldwide is facing challenges, as large number of patient's impacted due to pandemic situation, prevention and starting of treatment requires automation on medical workflows and system which is mapped on the disease specific medical protocol. In some case of patients identified as corona virus positive, the tracking the response to the treatment is not easy, there will be danger of spreading the disease if not done systematically. In case of cancer, like breast cancer Evidence Based Management, timely & accurate Assessment of Response to Treatment would bring in efficiency and saves valuation time of oncologist, effectively benefitting the patients. The solution is delivered on premise as well as cloud via rises.AI platform.

Major achievements/Awards/Recognitions

Rises Analytics is registered as a startup to fight Corona : <https://www.startupsvscovid.com/startups/recVXaKuXbLfwZNHo>

Also recognised among Top 10 startups in “AI-based technology for contactless entry” by Startupindia



 **ajit.deshpande@rises.io**



Website



Bionic Environment Solutions Pvt Ltd

Founder/Co-Founder
Mr. Sreedhar Ramamurthi

Incubated at
AIC LMCP Foundation

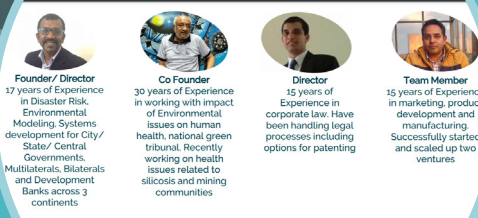
Product Name
UrHealth device

Type
Product

Stage
MVP

Target Market
Asia, Middle East, Europe, Australia, USA

IP Status
In process



**environics@gmail.com,
rumahesh45@gmail.com**



Website



Bionics Environment Solutions Private Limited (BESPL) was established in 2017 with a vision to solve complex urban challenges by closing the gap between people and their understanding of their immediate environment. They are at the verge of introducing to the world, smallest personal environmental monitoring device. UrHealth device helps monitor environment and health of individuals and their family. Environmental parameters the device will monitor includes, particulate matter (1, 2.5 and 10 microns), temperature, relative humidity, ultra-violet radiation, noise and motion. It is a very small, less expensive, portable, easy to carry device to help individuals take informed decisions. It provides contextual location-specific information along with inbuilt alerts and advisories which not only indicate the levels of exposure but can also provide early warnings (using ML) to help its users avoid adverse health impacts.

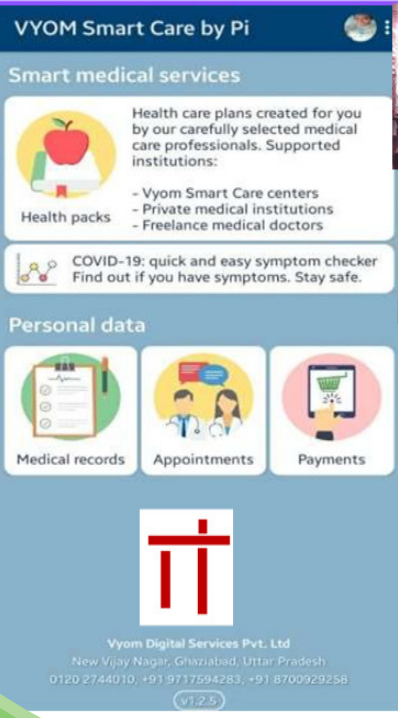
Societal Relevance

The nature of the urban environment is complex, and individuals cannot use limited information from few fixed-point sensors to take Informed actions. In the recent past, the extent of environmental degradation has started affecting personal health of citizens. The UrHealth monitoring device has the ability to provide information regarding a person's immediate environment and suggest adaptive measures one can take to minimize the impact of unfavourable environmental conditions. Unlike fixed sensors, it provides contextual location specific information to its users. In addition, the warning and advisories not indicate the levels of exposure but goes a step further and inform its users possible consequences and what 'they can do to improve their physical health.

Major achievements/Awards/Recognitions

They have been incubated within AIC-LMCP Foundation at L. M. College Of Pharmacy. They have also been recently selected by Google for Startups: Sustainable Development Goals as one amongst the 200 startups selected by Google globally which are working in the area of climate change and sustainability. They have also applied for the state grant in Gujarat through their incubator and have cleared two rounds of interviews and are awaiting final selection.

VYOM PRODUCT OR SOLUTION



Vyom Smart Care by Pi is an Android application which connects patients with carefully selected and approved medical care professionals. Anybody can track their health records with IoMT

Their supported medical institutions:

- Vyom Smart Care Centers
- Private medical institutions
- Freelance medical doctors
- Medical institutions (E Insurance, E Pharmacy, E Clinic, E Hospital) can organize their work better.

Vyom Digital Services Private Limited

Founder/Co-Founder
Kapil Parashar and Neetu Sharma

Incubated at
AIC Mahamana Foundation for Innovation and Entrepreneurship-IM-BHU

Product Name
Vyom Smart Care by Pi

Type
Product and Service

Stage
Commercialized

Target Market
Domestic and International

IP Status
Have all Copy Rights and ISO certifications

The Team

Kapil Kumar Parashar
Founder/CEO

- Managed teams of 50+
- Tie ups with world's best o2m platform providers with C-DoT and top
- Applied CAS, CRM in digitizing Indian Market.

Sava Zivanovich
Director

- Background in financial analytics and banking
- International experience with multi-billion companies

Bojan Tanasijevich
CTO

- Developed Platform on deployed successful Projects.

Anand Chandra
Co-Founder, Director

- More than 45 year experience in Skill Development and Rural Development

Prof Vijay Charan IIT Delhi
Hon Advisor

Dr. Indira Bhardwaj
Hon Advisor

+11 software developers
+4 Technical advisor (15+ years in FinTech as C-level)
+1 Legal advisor (Partner in leading Law Office in the Nation)
+5 Strategy advisor (Recently exited his startup)



kapil.parashar1980@gmail.com



Website



Vyom Smart Care by Pi is an Android application which connects patients with carefully selected and approved medical care professionals. Anybody can track their health records with IoMT

Their supported medical institutions:

- Vyom Smart Care Centers
- Private medical institutions
- Freelance medical doctors
- Medical institutions (E Insurance, E Pharmacy, E Clinic, E Hospital) can organize their work better.

India's best plans starting from INR 50 including ECG, Spo2, RRMAX, RRMIN, BPM, BP, Sugar, Doctor Consultancy, Diet and Yoga.

Health on Wheel: Starting 500 INR includes above features, blood test, Family (Four members basic profile) at home.

Agan Wadi Workers (Rural Health on wheel with 100 INR) are provided complete health and lifestyle facility with tracking in rural and tier 2 cities. Pilot project has been done successfully in UP and expanding in Pan India soon.

Societal Relevance

India's only Personalized Healthcare plan that enables e-health insurance, e-pharmacy and all health world class facilities with a click. Tracking of each individual with 11 tests including ECG, Temp,SPO2 etc. with COVID passport facility. It provides 24x7 tracking reduces secondary health care issues and smart Health Insurance for personalized care.

Provide Peace of Mind to Families: Home care providers can choose to share reassuring information with families, giving them valuable health insight into the lives of their loved ones.

Find Seniors with Smart Location Awareness: Vyom Devices displays near real time location of seniors in their homes on web and mobile apps. In areas of the home that families have determined might be dangerous for the senior, Tempo sends multi-mode (or geofence) alerts when the senior approaches a prohibited area.

Prioritize Home Care Needs: Vyom Smart Solutions helps home care providers prioritize staff time in areas where senior clients need the most care.

Deliver Appropriate Level of Service: Vyom Smart Solution provides objective data to illustrate to families the need to increase level of services provided

Major achievements/Awards/Recognitions

- Best UP E Health service provider by government of UP- 2021
- Best Startup award by BSE and Zone startup
- Ayushman Mela award by Ayushman BharatCooperation with European software company: Technology Partnership
- Vast Experience of the foreign partner in delivering projects for the medical industry.
- Expansion of Clients from the European Union, United States and Canada.
- Certifications - PCI DSS, ISO 9001 and ISO 27001 certified.



Acupace Technologies Private Limited

Founder/Co-Founder
Sumit Kumar

Incubated at
AIC Mahamana Foundation for Innovation and Entrepreneurship-IM-BHU

Product Name
Acuclean

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
NA



acupace@gmail.com



Website

Acupace Technologies is indulged in the development of IoT healthcare-based IT services and applications. Acupace deals in multiple ranges of upgraded technology products, which aims at improving lifestyle with technology, but to initiate with, they have launched a brand new product (acuCLEAN) which will turn out to be a saviour in this crucial pandemic time of COVID 19, it's an addition to our 'NEW NORMAL'(Mask, Gloves & Hand Sanitizer). acuCLEAN focuses on sanitization by inactivating the microorganisms such as viruses, moulds, bacteria, and various other pathogens thus, this product not only aims to safeguard you from viruses of COVID 19 but also from other dangerous microorganisms and gives you overall complete protection against any type of germs resulting to which you lead a healthy and happy long life.

Societal Relevance

Their smart insole is digital and provides peace of mind for family members and those caring for the millions of people suffering from memory impairment and wandering which can be caused by Alzheimer's disease, Dementia, Autism, Traumatic Brain Injury or other cognitive memory disability.

Major achievements/Awards/Recognitions

Acupace was selected by UNDP As Top Startup 25 And Top 100 Startup Across The Globe At Istanbul Turkey.



Functional Medicine Clinic

Founder/Co-Founder
**Dr. Ruhi Agarwala and
Dr. Ashwani Garg**

Incubated at
AIC Manipal University Jaipur

Product Name
FMC Platform

Type
Service—online

Stage
Commercialized

Target Market
Domestic and International

IP Status
NA



ruhi.agarwala@yahoo.com



Website



FUNCTIONAL MEDICINE CLINIC
PREVENTING THE PREVENTABLE

Functional Medicine Clinic is a health tech startup working towards Reversing chronic health conditions (Diabetes, PCOS, Thyroid disorders, Autoimmune conditions like rheumatoid arthritis, psoriasis etc,) using P4 medicine approach (predictive, preventive, personalized & participative). This Precision Medicine based on Root cause approach uses multiple data points (sign, symptoms, markers from blood work, DUTCH test, microbiome tests, heavy metal toxicity) to decode the root cause of illness and then suggest personalized treatment plans. Their data-driven, personalized treatment is ccompletely delivered online.

Societal Relevance

Functional Medicine is an evidence-based, systems biology approach that focuses on identifying the root cause of disease. Functional medicine searches for the root issue that caused the symptoms then works to correct that underlying issue. The symptoms will then typically reduce or resolve as a result. This is the only way to have a lasting benefit beyond just suppressing symptoms. They are on a mission to decrease the chronic disease burden in India & make the society more productive and healthy.





Piltover Technologies

Founder/Co-Founder

Manan Issar

Incubated at

AIC Manipal University Jaipur

Product Name

Mechanical prosthetic hand

Type

Product

Stage

mvp

Target Market

Domestic and International

IP Status

na

 manan.issar@piltovertech.com



Website

Piltover's mission is to build inclusive assistive technologies for the differently-abled starting with a high-utility mechanical prosthetic hand. Unlike widely available cosmetic arms for Amputees, The Mechanical arm offers the user a 80 Degree Movable Thumb, 180 Degree Movable Wrist & Adaptive Grip using the Patent Pending Self Locking Mechanism. Currently, they plan to build a portfolio of inclusive technology products and raising 4th round of funding to ramp up production.

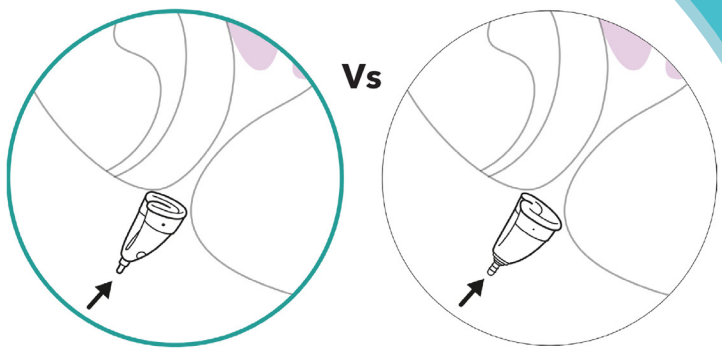
Societal Relevance

PiltoverTech is a for-profit social impact technology startup developing hi-tech solutions in the assisted technology market, starting with a feature-rich yet affordable mechanical prosthetic hand. The portfolio includes other limbs, electronic and bionic, being developed at extremely low costs flipping frugal innovation on its head.

Major achievements/Awards/Recognitions

Acclaimed by the following institutions:

- IIM C NDTV Smart Fifty Contest (Top 50 out of 15000 applications)
- Kerala Startup Mission Idea Day
- IIM A/ Startup Oasis, Social Accelerator
- TiE Delhi-Jerusalem '18
- IIT Kanpur, Accessible India Competition
- IIT Kanpur, Manmohan Gill Bio Competition
- IIT Kanpur, Social Track Competition
- Startup World Cup Regionals (India), 3rd place
- IIT Bombay, Runners Up of Eureka (Social Track)



Onpery™ Cup

Standard Cup



Care Form Labs Pvt Ltd

Founder/Co-Founder

**Mr. Pramod Priya Ranjan,
Ms. Hiya Banerjee and
Dr. Prof. Nachiket Thakur**

Incubated at

AIC MIT ADT Incubator Forum

Product Name

Onprey Menstrual Cup

Type

Product

Stage

Commercialized

Target Market

Domestic and International

IP Status

**Patent and Design Registrations are
complete in India and being filed in USA,
Germany and China**



careformlabs@gmail.com



Website

Care Form Labs Pvt Ltd is a SDGs-centric design lab that launched its first venture—Onpery™ in March 2021. The brand is aimed towards sustainable menstrual hygiene and ensuring comfortable periods. The company launched its proprietary redesigned menstrual cup which has an innovative user-centered design that helps menstruators navigate their cup journey in a seamless manner. Onpery™ Cup helps menstruators adapt to their zero waste journey with its ergonomic & intuitive design. The design gives attention especially to those menstruators who have a low cervix as well as menstruators who are looking to transition towards hassle-free periods.



Onpery™

Societal Relevance

- Annually 9000 tons of menstrual waste is generated in India (which is from 12.1 billion generic Sanitary Pads)
- Decomposition takes upto 500-800 years. Sanitary napkins are categorized under the category of 'use & throw' which is not economical and ends up being hazardous to the environment. A large number of users experience rashes, odour and discomfort with generic napkins.
- 64% of menstruators in India are unable to use menstrual sanitary products which is usually credited to financial challenges.

Menstrual Cups are considered to be the most sustainable, hygienic and long term economical menstrual products. It is not popular among menstruators, as they find it difficult/confusing to insert/remove them. A considerable number of users who have used cups find it to be an uncomfortable experience when the cup touches their cervix. They face spillage issues or pain. There is hesitation regarding the hygiene factor along with its upkeep as well. There are numerous myths and taboos attached, especially in the Indian context.

The novel design of the Onpery™ Cup solves the product-based apprehensions thanks to its ergonomic and intuitive design. After successfully communicating the design and offerings we expect more menstruators to feel comfortable adopting to a new lifestyle. Since there are a lot of myths and taboos attached to the insertion and removal process, we aim to tackle those with our upcoming offline and online campaigns.

1 cup can be used for more than 5 years and replaces more than 750 sanitary napkins. It is made with medical grade silicone. It is proven to be rash-free, odour-free and 100% suitable for activities such as sports, hiking. It moulds into any menstruator's hectic work lifestyle. After 5 years of cup usage, it can be incinerated and disposed making it completely biodegradable.

Major achievements/Awards/Recognitions

- 'Top 10 International Startups' and awardee of 10,00,000 BDT (~\$12,000 or 8,78,700 INR) grant in 'Bangabandhu Innovation Grants (BIG) 2021 International Startup Competition' hosted by 'iDEA' and 'Startup Bangladesh Limited' and facilitated by 'USMAC', in May 2021.
- Winner (7,00,000 INR) at 'National Innovation Challenge 2020' of 'Youth Co:Lab India' supported by UNDP India, Citi Foundation and NITI Aayog, in December 2020.
- Co-Winner (\$5,333) at 'Innovate4SDGs Contest' of 'UNDP Accelerator Lab India', in November 2020.
- An awardee of 'BIG'-Grant (48,00,000 INR) by 'BIRAC (Biotechnology Industry Research Assistance Council)' under the scheme 'BIG-16 (Biotechnology Ignition Grant)', by Department of Biotechnology, GoI, in August 2020.



AUUM PLATFORMS Pvt Ltd

Founder/Co-Founder
Mr. Sai Sambit Nayak

Incubated at
AIC Nalanda Institute of Technology Foundation

Product Name
Swasner Protection Kit

Type
Product

Stage
Commercialized

Target Market
Domestic

IP Status
Provisional patent filed



 **saisambitnayak@gmail.com**



Website



AUUM Platforms is a startup based out of the Temple City of India, Bhubaneswar. They work on bringing products which can suit the needs of enterprises as well as consumers harnessing the capabilities of emerging technologies. Their team began with Safe India hackathon organised by Software Technology Parks of India back in March 2020. They finished in the top 10 in the hackathon, and as they wanted to take their ideas & products forward they incorporated their startup AUUM Platforms on 11th of November 2020.

The product, SWASNER PPE is a next generation PPE, which can provide the best protection in an environment, and is fashionable. The product can be super beneficial for healthcare warriors, servicemen like airline personnel, railway personnel and can be safe for students to use also.

Societal Relevance

The innovation helps preventing acute respiratory diseases and protects from direct exposure or physical contact with viruses.

The PPE designed by AUUM Platforms is a next level protective gear for the vulnerable workers, frontline police personnel and people exposed to air borne diseases.

Their vision is to simply be one of India's premier technology company, creating products which harness the best of emerging technologies like Internet of Things(IoT), Blockchain technology, automation, artificial intelligence, robotics, augmented reality (AR). Their products will cater to the needs of both consumers as well as enterprises. They also believe to help achieving at least 4 United Nations SDGs and dream to be the torchbearer in helping India achieve sustainable growth.

Major achievements/Awards/Recognitions

- Recognised by Startup Odisha Hall of Fame
- Recommended by Dept of MSME for Govt Procurement
- Innovation acknowledged by Education Minister

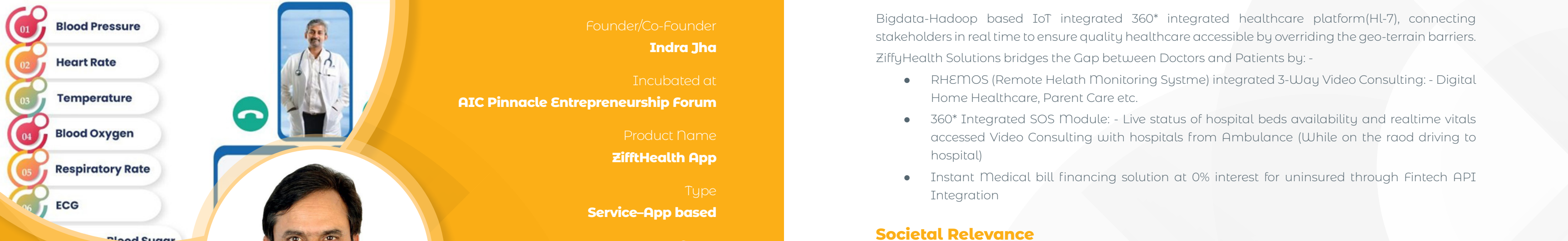
Health Matters the

Are you onboard ship and worried for your family?

ZiffyHealth Solutions!

- IoT Integrated 3-Way Video Consulting!
- Live Vitals access!!
- Sound of Heart & Lungs heard by specialized doctor remotely in real time

Vitals Parameters accessible during Consultation



Ziffytech Digital Healthcare Pvt Ltd

Founder/Co-Founder

Indra Jha

Incubated at

AIC Pinnacle Entrepreneurship Forum

Product Name

ZiffyHealth App

Type

Service-App based

Stage

Commercialized

Target Market

Domestic and International

IP Status

In process



indra@ziffytech.com



Website



Bigdata-Hadoop based IoT integrated 360* integrated healthcare platform(HI-7), connecting stakeholders in real time to ensure quality healthcare accessible by overriding the geo-terrain barriers.

ZiffyHealth Solutions bridges the Gap between Doctors and Patients by: -

- RHAMOS (Remote Health Monitoring System) integrated 3-Way Video Consulting: - Digital Home Healthcare, Parent Care etc.
- 360* Integrated SOS Module: - Live status of hospital beds availability and realtime vitals accessed Video Consulting with hospitals from Ambulance (While on the road driving to hospital)
- Instant Medical bill financing solution at 0% interest for uninsured through Fintech API Integration

Societal Relevance

ZiffyHealth is aspiring to evolve as robust and scalable healthcare platform, whereby all stakeholders, i.e. patients, doctors, diagnostics, pharmacies can plugin to have seamless yet highly secured flow of health data so as healthcare delivery can be far more accessible and affordable. They are working towards:

- Making healthcare accessible to the bottom of semi-urban and Rural Indian Population
- Endeavouring to contribute into building social capital through quality healthcare delivery
- Leveraging technology for elderly care and women safety

Major achievements/Awards/Recognitions

- Semi-Finalist of Ayushman Bharat Grand Challenge
- Co-founder was among top 100-finalist for Women Transforming Award-2019
- Among top-30 team for Hack The crisis India
- Next Round of selection for NIDHI4COVID 2.0 initiative of National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India.



Perkant Tech Private Limited

Founder/Co-Founder
Saniya Jeswani and Lokant Jain

Incubated at
AIC Prestige Inspire Foundation Indore

Product Name
Abhay Parimiti

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
IP-Provisonal Patent Application filed.



saniya.jeswani@perkantttech.com;
lokant.jain@perkantttech.com



Website



Perkant Tech is an Innovative Med-Tech solutions provider company. Currently has developed and designed a revolutionary patented medical product:

- Abhay Parimiti that can detect many diseases with just a 20 second finger
- placement including Hypertension, Diabetes, COVID-19, COPD, CKD and
- many other respiratory and cardiac diseases. This IoT enabled technology can bring healthcare accessibility to fingertips of all and introduce affordability for mass adoption.

Societal Relevance

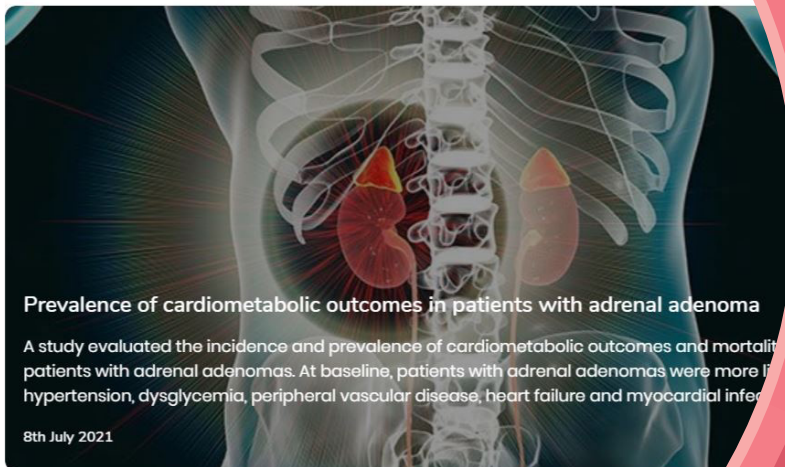
Perkant Tech has created an invention that is Made in India and can massively impact the healthscape of the nation. Abhay Parimiti: The complete health screening system has made health easier, quicker and efficient. It is a first ever Multi-diseases prognosis system that in just 20 seconds of fingerscan alerts and suggests for various diseases including COVID-19. This non invasive IoT device takes complete health graph in just 20 seconds and with highly intelligent ML models ensures the early identification of COVID-19, helps stop cluster formation and even helps in alerting the subject about stage of diseases (severe or non-severe).

Today Abhay Parimiti has safeguarded all premises including schools, colleges, hospitals, offices, airports etc and has ensured COVID prognosis/screening can be made easier to stop the widespread by instant alerts. In hospitals Abhay Parimiti helps doctors with contactless OPD options and tools, introduces digital health management for patients and enables tracking of all patients easily and quickly. Not just this, the product has helped various vaccination centers across the state to some extent to identify any COVID subject who might be availing the vaccination shot. In such cases, Abhay has helped identifying COVID carriers/ Asymptomatic patients and has made vaccination safe for all.

Major achievements/Awards/Recognitions

- Awarded most innovative startup by "Indore Management Association" during their one minute pitch contest.
- Awarded most innovative and relevant product for the pandemic by senior doctors in Doctor's meet at AICPIF, Indore.
- Shortlisted for Jancare healthcare challenge by NASSCOM, Govt. of India Startup India.

Featured Updates



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Omnicuris Healthcare Pvt Ltd

Founder/Co-Founder

Savitha Kuttan

Incubated at

AIC Rambhau Mhalgi Prabodhini Foundation

Product Name

Omnicuris App

Type

Service-online

Stage

Commercialized

Target Market

Domestic and International

IP Status

Omnicuris secured TM on in-house Medshots and Omnicuris.



savitha@omnicuris.com



Website

Omnicuris believes in “Health for all” and “Information for Action”. Omnicuris is addressing unmet needs in the healthcare sector to increase both horizontal and vertical accountability of the health systems. Omnicuris achieves it by providing greater connectivity and participation to rural doctors with the latest CMEs and encouraging community learning and evaluation, thereby ensuring better health outcomes for the public health. Omnicuris enables training for Healthcare Professionals, by co-creating courses with important stakeholders and monitoring impact at all levels. This is especially important for those belonging to underserved communities, since access to appropriate treatment is constrained by low mobility and affordability.



India's Largest Online Platform for Doctors

Unmet Needs:

- Accessibility: Educational Learning Hub, platform is device agnostic
- Equitable: Our programmes are free of cost for the Doctors
- Accountability: Creating the quality evidence based practice learning solutions for management of diseases in collaboration with prestigious associations and institutions, medical councils across India
- Skill Development: to increase interoperability and mobility for Doctors and Digital health stakeholders by reviewing the legal and regulatory frameworks and setting minimum digital health competency in each of CMEs

They are leveraging their proprietary technology with the support of Machine Learning and AI to provide Healthcare professionals with scheduled group and on-demand learning directly on their mobile phones and laptop. The designed program offers increased flexibility and responsiveness to the adult learning needs. The simple GUI with intuitive learning model has penetrated the vertical of healthcare delivery resulting in 2,50,000 doctors enrolling for training across 52 specialites and indirectly impacting health outcomes of 50 million patients annually.

Societal Relevance

Omnicuris has incorporated Triple Bottom Line Framework to align ROI and shareholders' value to include environmental and social determinants. Modern healthcare has led to enormous gains in life expectancy and quality of life, however the rising healthcare cost, increasing rates of chronic diseases and population has led to inequity in healthcare access. .Omnicuris helps in capacity building of primary care doctors towards providing better preventive and treatment to patients. It is the platform that collaborates with all academic bodies in medicine to provide engaging video based training modules leveraging cutting edge technology for healthcare providers across the country. They have received a pilot project from NITI Aayog to train Primary healthcare practitioners from Aspirational Districts in India.

Social: Omnicuris' penetration, ease of access and intuitive learnings have democratized the healthcare delivery in Rural and Urban areas. With major cost associated in the healthcare delivery is due to delayed intervention for the patient care, with the CME's on Omnicuris platform, the dessimationation of information has lowest TAT, leading to efficient triage of diseases, saving precious time and associated cost for the Public health.

Major achievements/Awards/Recognitions

- Activated COVID- 19 Treatment Programme for Govt Doctors from 112 Aspirational Districts
- Awarded FOGSI We for Stree Award in recognition for expemplart service towards upliftment of Women's Health in India
- Awarded National Healthcare Leadership award by Zee Business
- Janani Awards for Best Digital Healthcare awarded by Shri Ashwini Kumar Choubey, Government of India
- Digital CME-Dermatology awarded be Indian Association of Dermatologists, Venorarologists and Lephrologists (IADVL)



₹ **999** प्रति माह से शुरू *



विशेषज्ञ चिकित्सकों के मार्गदर्शन में विशेष प्रशिक्षण प्राप्त एवं पुलिस द्वारा सत्यापित नर्सों एवं मेडिकल स्टाफ की अनुभवी टीम द्वारा स्वास्थ्य संबंधी समस्याओं, उपचार एवं देखभाल के लिए पूर्ण रूप से समर्पित सेवाएं घर बैठे प्राप्त करें

24/7 Emergency Support | Skilled Health Associates & Nurses | Physiotherapy



home visits, m



Trademark filing imminent



info@saathease.com



SaathEase is a social sector services effort, to bring in best-in-care practices and tech, to growing needs for daily support and health solutions for the elderly and the post-operative, at their very places of living.



40% OFF **HERBAL**
a step towards your health



Zexa Communication Pvt Ltd (Ayuryug)

Founder/Co-Founder
Sonam Jain and Romil Jain

Incubated at
AIC RNTU

Product Name
AyurYug

Type
Service–App based

Stage
Commercialized

Target Market
Domestic

IP Status
NA



 **rromiljain@gmail.com**



Website



AyurYug is a platform of ZEXA Communication Pvt Ltd for Ayurvedic Health Solutions and AyurYug was founded with the mission of 'taking Ayurveda to every home'. Their objective of making people happy and healthy through authentic Ayurvedic treatment delivered at their doorstep is a direct response to the growing ailments and disorders such as diabetes, arthritis, asthma, obesity, hypertension, spondylitis, piles, skin problems, sexual disorders, etc. Most of these diseases affecting the global community today do not have an effective treatment available in modern medicine.

Societal Relevance

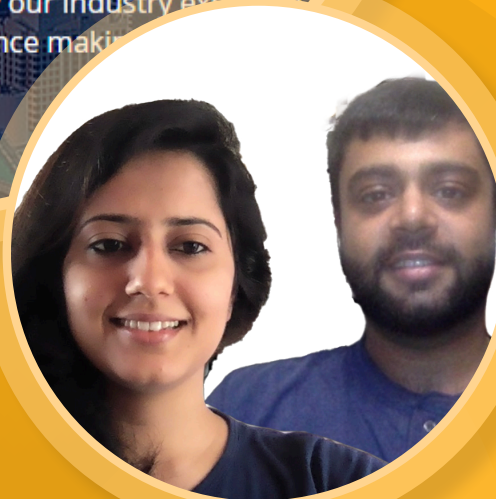
They are providing the preventive healthcare services as packages subscriptions to individuals, Family, Elders, woman etc. like any vehicle / car need timely maintenance to perform well similar like that every human need a preventive care so that they could be protected from the diseases. Hence, they provide health checkups, tests, diet plans, yoga session, overall physical and mental wellness on schedule basis.

Major achievements/Awards/Recognitions

Recognized by the Ayurveda medicine and doctors association in Maharashtra.

Taking inspections a level higher.

Say good-bye to time consuming, inaccurate and boring inspections. Upgrade your inspection techniques and get powerful business insights by our industry experts. The world of predictive maintenance making accurate and pocket-friendly.



Volar Alta

Founder/Co-Founder

**Niharika Kolte and
Atharva Sabnis**

Incubated at

AIC RNTU

Product Name

Volar Alta

Type

Product

Stage

Commercialized

Target Market

Domestic and International

IP Status

In Process



Website

niharika@volaralta.com



VOLAR ALTA
DRONE TECH SOLUTIONS

Volar Alta is the one-stop shop for drone-based services. They specialise in surveillance, asset inspections and transportation of medical essentials in rural and hard-to-reach locations using drone, minimising the time and considering the safety factors. Their drones are capable of carrying out internal & external inspections to generate meaningful, actionable insights – all this without creating an explosion or any other occupational hazard. By partnering with them, both these activities can be performed faster, at 1/4th the cost.

Societal Relevance

Inspections : Industrial assets need periodic internal visual inspections to ensure continued optimal performance. Such inspections conventionally require significant expense in terms of ancillary setup (scaffolding etc.) and plant downtime. The conventional methods for these are time-consuming and relatively expensive. Despite being willing to bear the expense, internal inspections of several equipment classes are not possible due to technological gaps.

Medical Transportation using drones: Their mission is to prevent an estimated eight lakh people across rural India from dying each year, just because there isn't any reliable infrastructure to make medical essentials like blood packs and injections available to hospitals in hard-to-reach places. Because these are medical essentials that often require cold storage, it is extremely expensive to store them in a decentralized manner across a large number of primary health centers.

To counter this inequality, they are building an end-to-end solution for the last-mile delivery of cold-chain medical essentials to hospitals in rural and hard-to-reach areas. These deliveries will occur on-demand, from centralized dispatch locations using autonomous drones which will ensure that time-critical medical essentials reach within hours, not days, i.e. fast enough to save lives!

Major achievements/Awards/Recognitions

- Best Aerial Service Provider - Solar Quarter and Wind Insider
- Runners up at NASSCOM COE Smart Manufacturing Competition
- Recipient of 75k grant from NSRCEL - IIM B
- First ever drone partner of KEM Hospital Pune
- Finalist for UK India Innovation Fund
- Best Service provider of the year Award for - Aerial Inspections for the year 2021



Suchandra Technologies Pvt Ltd

Founder/Co-Founder
Siddharoodha Angadi

Incubated at
AIC SKU Confederation

Product Name
WizCleanz

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
**WizCleanzer is Indian Patent Filed
and U.S Patent Pending**



siddharoodha.c.a@gmail.com



Website



Suchandra Technologies Pvt Ltd is entitled to be a novel green and clean tech startup. The company is registered under the Ministry of Corporate Affairs (MCA) under MSME and recognized by both the Central government of India and State government of Karnataka startup and has won many competitions like Elevate Call 2, 2019 conducted by the Government of Karnataka. They have also won the COVID -19 Innovation challenge conducted by the Central Government organization Atal Innovation Mission (AIM) AIC-SKU.

Societal Relevance

Thousands of people are using WizCleanzer with no side effects like Skin irritations, Allergens, Skin burns rashes etc. They have reduced recurring investments of refill/Chemical based sanitization. Special care is taken that no chemical effluents has been given out to mother nature as compared to chemical based sanitizers. There is also less risk of fire hazardous encountered when compared to liquid sanitizers. They have also trained trained about 55 innovator ideators in which around 4 have started their own ventures.

Major achievements/Awards/Recognitions

- Winner 'Elevate Call2' by organized State Govt. of Karnataka in FY 2019-20
- Winner 'Covid'19 Innovation Challenge' by Atal Innovation Mission, AIC-SKU in FY 2019-20
- Awarded as Best Manufacturer by Salem Business Award in FY 2020-21
- WizCleanzer is going to be registered in Guinness World Records as World's First Liquid Free E-Sanitizer
- WizCleanzer is Indian Patent Filed and U.S Patent Pending.
- Shortlisted for top 10 covid'19 innovations in India by India Today under Atmanirbhar Bharat.



lianhangvung@tpsqonect.com



Website

Qonect

Founder/Co-Founder

Lian Thangvung

Incubated at

AIC SMUTBI

Product Name

Qonect App

Type

Service-App based

Stage

Commercialized

Target Market

Domestic and International

IP Status

**IP Copyright & Trademarks
filing in the process**



Qonect is a Digital Health Platform enabling affordable healthcare for uninsured and people who meet their healthcare expenses out of pocket and funding Medical Emergency expenses to help cope with Catastrophic Health Expenditure, e-Lab Test Reports, OPD/Appointment Booking and provide Instant Loan at 0% interest for 90 days to meet the immediate cash need for medical emergency expenditures.

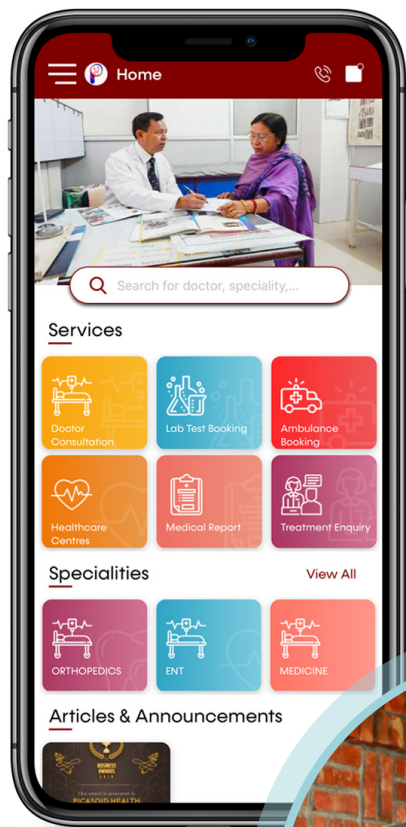
Societal Relevance

65% of the Indian population meet their healthcare expenses out of pocket, and 57% of Indian have no health emergency fund, and have less than Rs. 5000 in their savings account. In the event of unforeseen medical emergency one has to resort to multiple or more to cope with such emergency event one has to sell their assets, reduction in consumption expenditure or borrow it private money lenders at high interest rate which often result in catastrophic expenditures. Million of people are push to poverty each year due to an increasing out of pocket expenditures.

Their goal is to make quality healthcare affordable and accessible by offering free Digital health card that reduce the cost of medical expenses up to 50% and providing ease of access to medical emergency

Major achievements/Awards/Recognitions

The first Start-Up from Manipur to received funding from Northeast Venture Fund Indias 500 awards. They are also listed among TOP 50 successful startup in India at Strawberry Branding



Picasoid Health Technology Pvt Ltd

Founder/Co-Founder
**Leimapokpam Rojen Singh
and Ravi Kumar**

Incubated at
AIC SMUTBI

Product Name
PiCaSoid App

Type
Service–App based

Stage
Commercialized

Target Market
Domestic

IP Status
**Initiated Trademark
Registration Filing Process**



**rojen@picasoid.co.in;
ravi@picasoid.co.in**



Website

PiCaSoid is an abbreviation of “Patient Information Care Software ID”. A health platform that every individual, doctor and healthcare centres can use. PiCaSoid makes healthcare information and services accessible very easily and affordable, using mobile app. Our vision is to connect every individual with healthcare centres in India by assigning “PiCaSoid Health ID” and making handsfree registration process ensuring reduction of wait time at hospital registration counter. Value propositions of PiCaSoid App includes:

- Look up for doctors and healthcare centres nearby.
- Online and offline appointment booking for doctors.
- Tele Consultation (Online Doctor Consultation).
- Repository of personal health records (PHR).
- Interstate travelling assistance for patients.
- Discount in LAB test booked through PiCaSoid Mobile App.

Currently PiCaSoid is operational in the state of Assam and Manipur.

Societal Relevance

PiCaSoid connects doctors and healthcare centres (Clinics, Hospitals, Labs) with patient and public in Northeast India. PiCaSoid ensure easy access of healthcare information and services through a Pointer and mobile app (Android and iOS). Hence, the burden of spending longer time at hospital OPD counter will be reduced. The communication gap between patients and hospitals when a patient travels to different states will be bridge through PiCaSoid App, ensuring easy access of healthcare information and making healthcare services affordable.

Major achievements/Awards/Recognitions

- Selected for Startup Acceleration Program for North East (SAPNE 1.0), supported by AIM, NITI Aayog, Government of India and Startup India, 2021.
- Awarded INNOVATIVE CONCEPT OF THE YEAR in “Business Award 2019” by “The Indian Awaz”.
- Selected by NRL (Numaligarh Refinery Limited) for StartUp Ideation 2018.
- Selected for Start-up Manipur 2018 under ESS Scheme, by Government of Manipur.
- Awarded 3rd prize in Redstart Start-up Challenge2018 organized by IIT Guwahati.
- Awarded 1st prize in Start-up Pitch Up 2018, organized by India Network and Global Shapers.



GET HEALTHCARE AT HOME

ABOUT US :

HEAL BRIDGE IS A GANGTOK
BASED START-UP AIMING
TO PROVIDE ALL THE
HEALTHCARE SERVICES AT
THE COMFORT OF YOUR
HOME

OUR SERVICES :

- HOME COLLECTION OF ALL BLOOD AND URINE
- MEDICINES AND COVID MEDICINE HOME DELIVERY
- HEALTHCARE AND BABY CARE
- PET CARE AND PET FIRST AID
- HOME NURSE ASSISTANCE
- HOME PHYSIOTHERAPY

9593620043

95552670



Heal Bridge Pvt Ltd

Founder/Co-Founder

**Mr Sumesh Chettri and
Mr Karan Singh**

Incubated at

AIC SMUTBI

Product Name

Heal Bridge Platform

Type

Service—online

Stage

Commercialized

Target Market

Domestic and International

IP Status

Filled trademark



**karangtk Singh221097@gmail.com;
bridgeheal@gmail.com**



Website

The Co-founders of Heal Bridge are Karan Singh and Sumesh Chettri. Heal Bridge is a home healthcare platform which aims to provide the maximum healthcare services at the comfort of your home. It is a firm based in Sikkim which started operating on 29 September, 2020 and was incorporated on 18 February, 2021. Since its inception, Heal Bridge has served 900+ satisfied customers.

Societal Relevance

Heal Bridge has identified the fragile points in the current healthcare system and has targeted a few rural areas which did not have any access to medical stores or other medical facilities. They are delivering medicines and providing proper healthcare services at the home in nearby villages. Moreover, their upcoming plans also include conducting regular health camps at various rural places. The system that Heal Bridge has built was helpful during the Second Phase of Lockdown. They provided medical facilities to COVID affected families and people in quarantine. Free blood tests and medicines were also provided to COVID positive patients.

Their aim is to build such a healthcare system which is efficient and convenient for everyone.

Major achievements/Awards/Recognitions

Due to its outstanding performance in the field of medical services and the impact it has on the conventional medical system, Heal Bridge has been recognized by the Health Department of Govt. of Sikkim. During the lockdown due to COVID-19, the Health Department found the system of Heal Bridge very reliable and recommended it to people for their medical needs. Adding to this, Heal Bridge has also been recognised by SEED SELL (Sikkim Entrepreneurs and Economic Development SELL) as well as NITI Ayog.

Measurement that you can trust

- Cuffless Blood Pressure
- Contact Less Temperature
- SpO2
- 12 Lead ECG



Agatsa Software Private Limited

Founder/Co-Founder

**Rahul Rastogi and
Neha Rastogi**

Incubated at

Amrita Technology Business Incubator

Product Name

Sanketlife

Type

Product

Stage

Commercialized

Target Market

Domestic and International

IP Status

1 Patent published

2 Patents applied

1 PCT applied



rahulrastogi@agatsa.com



Website

Agatsa is a Leading Solution Provider for comprehensive digital health monitoring for both Doctors and Non Doctors using its AI and IoT driven Platform called SanketLife

SanketLife Series of devices are affordable, MADE IN INDIA, pocket-sized devices that can perform complete medical grade 12-Lead ECG tests and also offer multi-parameter monitoring range of devices (BP, SpO2, temperature). These devices are integration-ready, for easy data transfer and compilation for any kind of technology solution offering.

Their Devices:

- Cardiac Care Range- SanketLife 2.0 (World's Smallest, Touch Based handheld, 12 Lead ECG Device)
- SanketLife Pro+ (Leadless as well as Lead based 12 Lead ECG solution)
- SanketLife Multi Vital- Multi Parameter- 4 in one handheld device- Cuffless Blood Pressure, SpO2, Contactless Temperature, 12 Lead Touch based ECG

Societal Relevance

Agatsa has been able to expand its portfolio from handheld ECG devices to multi parameter monitoring devices that helped users during COVID time to monitor their parameter when the country was facing scarcity of monitoring options at home

Major achievements/Awards/Recognitions

- CII Best innovation in Healthcare category- 2015
- Anjani Mashelkar award for best Frugal Innovation – 2015
- Best Innovation in Healthcare Rajasthan Summit-2016
- Frost & Sullivan award for Best practices in Cardiac care- 2017
- m-Billionth award for best Digital innovation in Healthcare- 2017
- Rising star from Apollo Hospitals- 2017
- Nasscom Emerge 50 award- 2017
- Millennium Alliance- 2018
- Woman Entrepreneur of the year (TIE Manufacturing Awards)- 2019Tie- BIRAC award for best Entrepreneurial research in Biotechnology-2019
- 1ShethePeople award for women in Digital Entrepreneurship- 2019
- Marico Innovation Award- 2020
- 1Founder Neha Rastogi among Forbes 10 Self made women on India



Coeo Labs

Founder/Co-Founder
Mr. Nachiket Deval

Incubated at
BioIncubator Centre at CCAMP

Product Name
Saans and VAPcare

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
**Utility patent in India,
China as well as the US.**



nachiketdeval@gmail.com



Website



Coeo Labs
www.coeo.in

Coeo Labs is a Bengaluru based startup up focused on innovative medical devices for Emergency, Trauma and Critical Care. 1st product, Saans, a portable and mechanical medical device known as a CPAP (continuous positive airway pressure) to assist neonates in respiratory distress. 2nd product, VAPCare, a Ventilator Associated Pneumonia (VAP) preventive device which helps prevent patients on ventilator from contracting infections, a common cause for ICU related deaths. The device has been granted a utility patent in India, China as well as the US. They won Aarohan Social Innovation Awards, 2020 and Rashtriya Swayamsiddh Vishesh samman for Innovation & Technology, 2019.

Societal Relevance

Coeo Labs are one of the BIRAC – BIG startups, their first product developed is a portable and mechanical medical device known as a CPAP (continuous positive airway pressure) called Saans to assist neonates in respiratory distress. The second product of Coeo Labs is VAPCare, a Ventilator Associated Pneumonia (VAP) preventive device which helps prevent patients on the ventilator from contracting infections, a common cause for ICU-related deaths.

Major achievements/Awards/Recognitions

- They have been featured in BBC Hindi for their low-cost & portable CPAP device Saans to support neonates with breathing difficulty in low resource settings. They have also won the Commonwealth Innovation Award 2019.
- Nitesh Jangir, Cofounder of CCAMP start-up, Coeo Labs is in the Forbes India 30U30 for the year 201He is the only healthcare entrepreneur featured for this year. He also won Rashtriya Swayamsiddh Vishesh Samman in innovation & technology by JSPL Foundation.



Blackfrog Technologies

Founder/Co-Founder
Mayur Shetty

Incubated at
BioIncubator Centre at CCAMP

Product Name
EMVÓLIO

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
Secured a patent for EMVÓLIO



mayurshetty@blackfrog.in



Website



**BLACKFROG
TECHNOLOGIES**
For a Secure Future

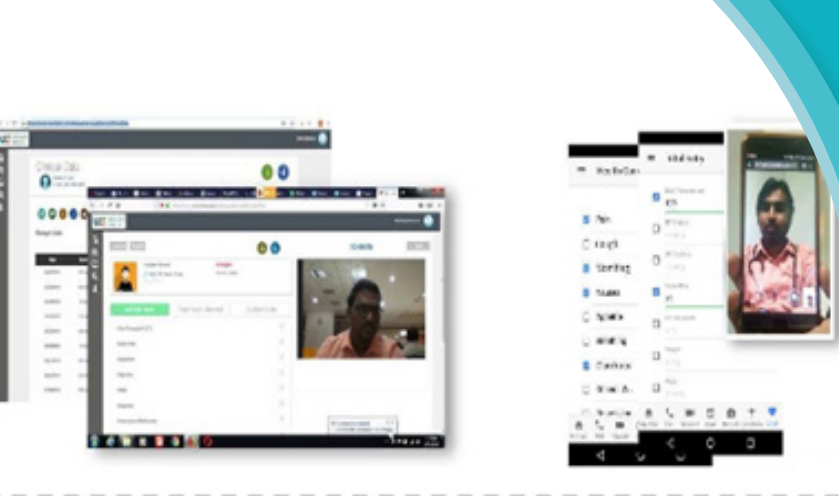
Blackfrog Technologies is a Manipal, Karnataka based technology startup that seeks to improve the efficiency of immunization supply chains. Blackfrog Tech has developed EMVÓLIO- a patented rapid cooling technology for safe last-mile transport of vaccines, breast-milk, blood-serums, medications & specimens with minimal freeze-thaw cycles. They are supported by the country's leading healthcare and impact investors, including Venture Centre (NCL, Pune), BIRAC, Social Alpha, CCAMP (NITI Aayog). Recipient of the Forbes Marshall Award conducted by the Confederation of Indian Industries (CII). Selected at TechSparks2020 as one of 30 promising Indian startups across categories. Received CSR support from the HT Parekh Foundation and Hitachi ABB Power Grids for the deployment.

Societal Relevance

Blackfrog Tech has developed EMVÓLIO- a patented rapid cooling technology for safe last-mile transport of vaccines, breast-milk, blood-serums, medications & specimens with minimal freeze-thaw cycles. They are keen on creating, and their pragmatic perspective of the world ensures their creative energy is channeled into solving real-world problems. More specifically, their priority is to make India a safe place to live in, through uncompromising innovation and indigenous manufacturing.

Major achievements/Awards/Recognitions

- CamTech-X Medical Devices Hackathon: Runner-up at the National-level event conducted by Massachusetts General Hospital in New Delhi, 2017.
- Falling Walls Lab: Blackfrog was the National Level winner at the event conducted jointly by German Centre for Research & Innovation (DWIH) and DAAD; Blackfrog represented India in the Falling-walls lab event in Berlin, Nov 2019.
- Qualcomm Design in India Cohort: One of the top-10 selected companies for a year-long incubation process & grant-award.
- India Innovation Growth Programme 2.0: Among top-50 companies to attend a boot-camp at IIM-A, a tripartite initiative of the Department of Science and Technology, Govt. of India, Lockheed Martin and Tata Trusts.
- National Conference for Social Innovation 2019: Won the Social Innovation Award (urban category) during NCSI 2019 conducted by Pune International Centre.
- Qualcomm Design in India Challenge (QDIC-2020): Jational winner of QDIC in March 2020 with a cash-award and patenting support.
- Confederation of Indian Industries (CII) Startuppreneur awards 2020: Won the Forbes-Marshall Manufacturing award.
- SAMADHAN- COVID-19: Ministry of Human Resources Development, Govt. of India- 2020: Winners in MHRD's SAMADHAN program for its efforts in mitigation of the COVID-19 crisis.



re Doctor, Monitoring, Dashboard

Clinical Notes, Prescription

Tele Triaging, Tele Consultation

Collaboration & Care Work



Ubiqare Health

Founder/Co-Founder

Mr. Sundararajan

Incubated at

BioIncubator Centre at CCAMP

Product Name

**mobility-Healthcare-as-a-Service
(m-HaaS) platform**

Type

Service-online

Stage

Commercialized

Target Market

Domestic

IP Status

na



sundararajan.s@ubiqare.com



Website



Ubiqare Health is a Bengaluru based healthcare tech start-up, that pursues a vision of making healthcare ubiquitous, easily accessible, collaborative, and smart. Ubiqare offers specialty mobility-Healthcare-as-a-Service (m-HaaS) platform that enables specialists and hospitals to deliver specialty follow-up care to post-acute and chronically ill patients at home with complex supportive, rehabilitative, and palliative care needs. This is a collaborative care platform that enables specialty hospitals and healthcare organisations to extend their care (protocols, workflows, therapies, diagnostics) to remote patients. The m-HaaS combines with a last-mile clinical network for co-ordinated physical interventions and is driven by a team of care doctors working in collaboration with specialists in a hospital. Selected as one of the 5 top palliative care startups 2021 globally by StarUs Insights.

Societal Relevance

They combine telemedicine and clinical network of proximity centers for home health care service & supportive care in Bangalore to post-acute and chronic patients at home.

Their doctor-driven supportive care improves treatment outcomes and helps you get your life back together.

Major achievements/Awards/Recognitions

Ubiqare Health was selected to join the 1st Cohort of DEEP accelerator program launched by IKP Hyderabad. Due diligence is ongoing. They were also amongst the 5 top palliative care start-ups impacting healthcare sector globally in March 2020. Ubiqare was also selected as the Star of the Week under CCAMP's COVID Innovation Deployment and Accelerator program. Apr 2020. They are identified by BIRAC to be one of the 20 In-Market players to support the fight against COVID. BIRAC has given a grant-in-aid for repurposing the platform for COVID care. It has been selected to the 2nd Cohort of Karnataka Start-up Advancement Program Bio 50 in late Nov 2019.



B-Aegis Life Sciences & Research Pvt Ltd

Founder/Co-Founder
Dr. Nandu Surendran

Incubated at
TREC-STEP

Product Name
OncoSense

Type
Product

Stage
MVP

Target Market
Domestic and International

IP Status
Indian patent application published and trademark for the name OncoSense granted.



 **nandu@b-aegis.com**



Website



B-Aegis is focusing on delivering cutting edge next-generation solutions in healthcare sector which are accessible to everyone. Their expertise is in targeted nanomedicines for cancer theranostics. It was formed on October 05, 2017, for solving the most complex problems in healthcare sectors, especially in oncology, using simple yet futuristic & effective solutions. They are combining nanotechnology, life sciences and material sciences to produce the next generation of products and expanding this expertise into services that they provide for their customers. They always try to collaborate with the end customers from product conceptualization to the launch of the product into the market.

Societal Relevance

According to ICMR, there were 1.45 million new cases of cancer and 736,000 deaths in India in 2016. The nation has less than 300 dedicated cancer-care centres , and nearly 40% of these are in eight metropolitan cities. As a result, about 80% of India's cancer cases are detected at an advanced stage and nearly 70% of patients with cancer die of the disease in India, compared to about 30% in the US. OncoSense is an affordable solution for early diagnosis of adenocarcinomas which requires minimal infrastructure. Apart from the low cost, the time it takes to complete diagnostic tests will be also reduced. For example, the time it takes to complete diagnostic tests for Non-Small Cell Lung Cancer will be reduced from 19 days to 8 days.

Major achievements/Awards/Recognitions

Represented AIM startups in the Second edition of Indo-French Knowledge Submit held at Lyon, France. They were shortlisted and participated in XPOMET Medicinale Globel event held at Berlin, Germany. They have also topped the list of multiple hackathons conducted by BIRAC and Government of India and received seed fund from Mangalore Refinery and Petrochemicals Limited. They also represented India in OiWeek X heald at Sao Paulo, Brazil.

In addition to this, they have recieved various grants:

- Productisation grant from Kerala Startup Mission
- Received exploration grant from IIT Mandi Catalyst

kombucha and its health b
Boost immunity with more than one million active



Immunity
Booster



Improves
Digestion



Redspectra Instruments Pvt Ltd

Founder/Co-Founder
Rajavijayan, Raja

Incubated at
TREC-STEP

Product Name
**Spectroscopic Analyzer and
Probiotic Beverages**

Type
Product

Stage
mvp

Target Market
Domestic and International

IP Status
**# Filed Indian Patent, Status-Pending
Filed TradeMarks**



raja.vijayan@redspectra.com



Website



REDSPECTRA

Redspectra Instruments Pvt Ltd is involved in Research, Development & Manufacturing of Artificial Intelligent based Spectroscopic Analyzers and Process Controllers to Measure, Analyze & Optimize Probiotic Beverage Fermentation, reducing the Fermentation duration without compromising quality. They are also involved in Manufacturing of Pro-Biotic Beverages and Intelligent Tapping System, to dispense the Beverage with Anti-xoidants, Vitamins, Living Good Bacterias, Yeast and without any preservatives. Taping System has built in Spectroscopy to detect microbial contamination and shuts off the beverage, if any contaminant is detected. Thus it ensures that, only quality beverage is dispensed to customers

Societal Relevance

Only affordable (in price of tender coconut) Probiotic Drink in the Market with rich Probiotics (good bacteria & yeast), Anti-Oxidants, Vitamins & Essential Acids to Improve Immunity naturally, which is very essential during COVID Pandemic. Their Spectroscopic Analyzers+AI, will make a tecktonic shift in the fundamental behaviour of Beverages Industries Globally. That is because they make the 1st move to sell beverages, without any preservatives. With no preservatives, any drink will tends to have Microbial Contaminatoin issues, however with their Intelligent Taping System (Beverage Dispenser + spectorscopy + AI), the contaminating bacteria will be identified and eliminated and the microbial contamination problem will be successfully overcome.

Major achievements/Awards/Recognitions

World's 1st AI (Artificial Intelligence) controlled process for production of fermented probiotic Beverage. Finalist (in 16th call) in Biotechnology Ignition Grant, BIRAC, Department of Science and Technology (DST), Govt of India.



Privacy as a Service



EventHorizon

Unlock the value of your business data by collaborating with ecosystem partners, while protecting your customer's privacy using advanced privacy preserving transformation

[Know more](#)

The String



TruthShare Software Private Limited

Founder/Co-Founder
Abilash Soundararajan

Incubated at
ANIC Winners

Product Name
Truthshare platform

Type
Product

Stage
Commercialized

Target Market
Domestic and International

IP Status
IP filed–Patent pending



Website

abilash@truthshare.tech



TruthShare is a pioneer in privacy technologies and one of the earliest startups in this space in India. They offer first of its kind privacy as a service to companies and government agencies. Data is the new oil, internet & digital experiences are the new oil fields, hence privacy technologies are the new refineries and AI systems are the new engines. Today the privacy refinery layer is missing and they are building it.

They have launched two products: Event Horizon and Privacy X-Ray.

Event Horizon is a cutting edge privacy enhancing technology based data anonymization product, which helps organizations convert personal data into non personal data and then unlock the value of data through collaboration without violating user's privacy.

Privacy X-Ray is a first of its kind privacy risk assessment software using privacy enhancing technology, which is first of its kind globally. This product can be used as a tool by CIOs/ CISOs/DPOs to identify risks like singling out, linkage and inference risk, involved in sharing a dataset.

Societal Relevance

Privacy of user data is a key emerging requirement across industry verticals like – Finance, Healthcare, Insurance, Telecommunications, Smart cities, travel, e-commerce, edtech, adtech, marketing and digital payments.

With PDPB around the corner, privacy technologies can enable organizations to protect privacy of 1.3 Billion people across various industry verticals.

Privacy is not just a requirement in India, but across the world. According to Gartner 65% of the global population will be under modern privacy regulations, which can use TruthShare's privacy technologies to protect their user's privacy while using data for informed decision making.

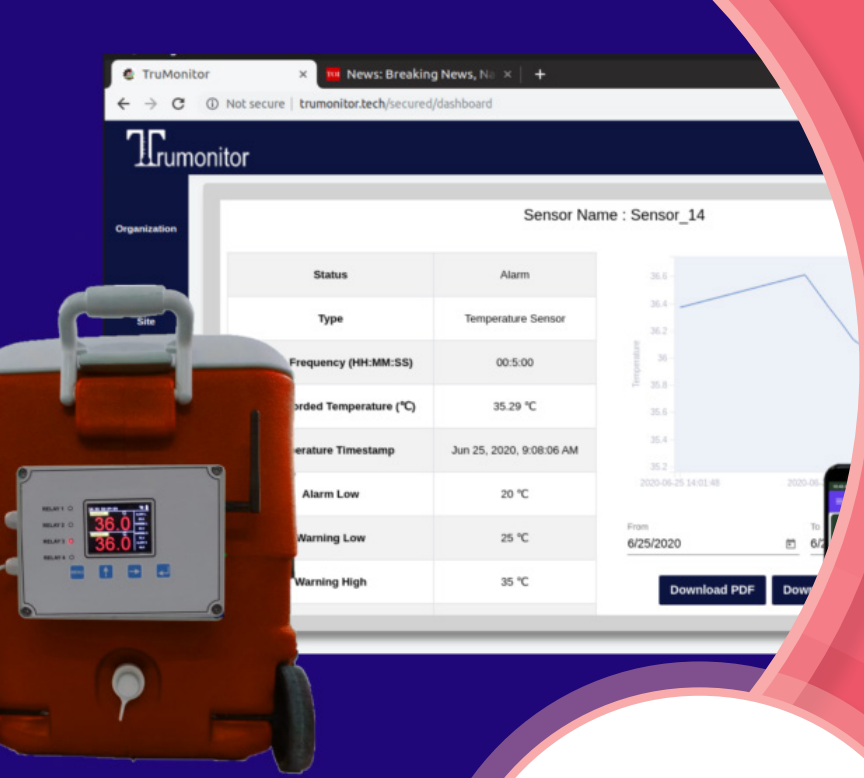
TruthShare's products can have direct applications in digital public infrastructure of the nation like – National Digital health Mission, Account Aggregator ecosystem and Smart city initiative.

For example: COVID-19 patient data is very valuable for pharma companies, government agencies, insurance companies, municipality corporations, healthcare organizations, laboratories and pharmaceuticals for various purposes. But this data can't be share as it is sensitive data and sharing can result in violation of privacy of patients. They enable organizations to privacy preserve and anonymize data using advanced privacy technologies so that the data can be used for value creation for society without violating privacy of citizens.

Major achievements/Awards/Recognitions

TruthShare has won AIM, NITI Aayog and Ministry of Health and family Welfare's - Aatmanirbhar Bharath Challenge for its solution to enable privacy preserved epidemiological data collaboration. It has filed 9 patents in various privacy technologies. One of the patents is already granted. Some of the patents have been published by US patent office and some are published by World Intellectual Property Organization.

The startup was a finalist in 5G Security challenge (ongoing), providing solution for privacy preserved telco data collaboration, where user IoT data will also play a major role in citizen's privacy. The startup is also an AWS ISV partner and an AWS World-wide public sector partner. TruthShare's Event Horizon is globally first PET based anonymization partner solution on AWS available as a Service. TruthShare has also been selected by Microsoft for Startups program and Google Cloud Platform's startup program.



Softwise Mechatronics Pvt Ltd

Founder/Co-Founder
**Nikhil Sanjay Bapat and
Poorva Inamdar Bapat**

Incubated at
ANIC Winners

Product Name
Tru Monitor

Type
Product and Service

Stage
mvp

Target Market
Domestic and International

IP Status
na



 **bapat.nikhil@softwisemechatronics.com**



Website



SOFTWISE MECHATRONICS

Softwise Mechatronics is working in the field of Internet of Things with in house capabilities of electronics as well as software development. It has positioned itself as an in-depth engineering group with focus on the underlying basics. They don't just design the product, they engineer it with attention to the smallest detail. Design elegance is not just how the product looks and feels but how efficiently it is engineered.

Today Softwise Mechatronics employs multiple engineering experts in the diverse fields of mechanical engineering, instrumentation, electronics and computer sciences building teams which can tackle any problem thrown at them.

Societal Relevance

Keeping vaccines in proper temperature at all tiems is of paramount importance to maintain their efficacy. According to a Inclen foundation study together with Ministry of Health and Family Welfare, temperature monitoring is one of the least compliant areas related to storage regulations and practices. Vaccines are complex molecules which must be maintained under proper conditions until given to the patients. Having a reliable and intelligent cold chain monitoring system will improve the last leg of the chain efficiency of cold chain maintainance.

With TruTemp devices coupled with TruMonitor platform, temperature monitoring becomes an easy task. The TruTemp9+ devices, with capacity to add additional sensor modules are ideal for large warehouses and manufacturing locations.



*Never be
disheartened by failure.
Innovation is all about
finding the solution with
a different viewpoint.
Strive till you
achieve.*



Dr. Rakesh Sarwal

Additional Secretary (Health)
NITI Aayog

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Young Professional, AIM, NITI Aayog
- **DR HAFSA AHMAD**
Consultant, Health Vertical, NITI Aayog
- **MS. DEEPJYOT KAUR**
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EDITED AND COMPILED BY:

सत्त्वमात्मा शरीरं च त्रयमेतन्त्रिदण्डत् |
लोकस्तिष्ठति संयोगात्तत्र सर्वं प्रतिष्ठितम् ||
स पुमांश्चेतनं तच्च तच्चाधिकरणं स्मृतम् |
वेदस्यास्य, तदर्थं हि वेदोअयं सम्प्रकाशितः ||

Source: Charak Samhita Chapter 1 Shloka 46

