



Department of  
Science & Technology  
Government of India

75  
Azadi Ka  
Amrit Mahotsav



75

# IMPACTFUL STARTUPS

## DST INCUBATION PROGRAM





Department of  
Science & Technology  
Government of India



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75 Impactful Startups  
DST Incubation Program

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## डॉ० जितेन्द्र सिंह

राज्य मंत्री (स्वतंत्र प्रभार),  
विज्ञान एवं प्रौद्योगिकी मंत्रालय;  
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राज्य मंत्री कार्मिक, लोक शिकायत एवं पेंशन मंत्रालय;  
राज्य मंत्री परमाणु ऊर्जा विभाग तथा  
राज्य मंत्री अंतरिक्ष विभाग  
भारत सरकार



सत्यमेव जयते

## Dr. JITENDRA SINGH

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Minister of State (Independent Charge)  
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Minister of State in the Prime Minister's Office;  
Minister of State in the ministry of Personnel,  
Public Grievances and Pensions;  
Minister of State in the Department of Atomic Energy and  
Minister of State in the Department of Space  
Government of India

## MESSAGE

Startup India Initiative announced by Hon'ble Prime Minister in the year 2015, has set a new vision for the Indian economy to unlock people's entrepreneurial potential in a conducive environment. Today, India is the third largest startup ecosystem globally which has grown from strength to strength in the last few years.

The Department of Science and Technology (DST) has contributed significantly in shaping up the startup ecosystem in the country through creation of institutional structures that fosters technology-based entrepreneurship, such as the Technology Business Incubators (TBIs). The National Initiative for Developing and Hamessing Innovations (NIDHI), an umbrella program, launched by DST in 2016 plugs key gaps in the idea to market value chain. The NIDHI program implemented by Incubators, offer start to scaleup support through array of programs namely EIR (Entrepreneur in Residence) (EIR), Promoting and Accelerating Young and Aspiring innovators and startups (PRAYAS) and Seed Support Program (SSP). In last five years, these programs have generated notable outcomes and impact.

I congratulate the Team of DST for their dedicated efforts and contribution in bringing out the compendium of 75 impactful and promising startups featured under various programs of NIDHI to commemorate Azadi ka Amrit Mahotsav. I also compliment the strong network of DST supported incubators and its nurtured startups, whose noteworthy contribution on innovation and entrepreneurship will not only go a long way in realizing the mission of Atmanirbhar Bharat but also in the nation building.



(Dr. Jitendra Singh)

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Dr. S. Chandrasekhar



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विज्ञान एवं प्रौद्योगिकी मंत्रालय  
विज्ञान एवं प्रौद्योगिकी विभाग  
**Secretary**  
**Government of India**  
Ministry of Science and Technology  
**Department of science and Technology**

## FOREWORD

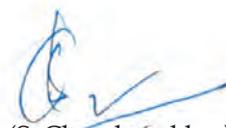
01 August, 2022.



Department of Science and Technology (DST) has been playing a significant role in aiding the development of early-stage startups through the adoption of progressive programs and development of pertinent infrastructure. Its contribution in fostering and nurturing the fledgling start-up ecosystem steered through strong network of Incubators is noteworthy both in terms of efforts and impact. The last five years have been fruitful in bringing speed and scale in catalysing programs for the national initiative of Startup India -Standup India. DST introduced a flagship initiative NIDHI- National Initiative for Developing and Harnessing Innovations to influence the Indian startup ecosystem even deeper.

During last few years, concerted efforts of DST has resulted in better outreach, outcomes and impact. It is now evident that DST's initiatives have created an enabling environment for startups and also brought in the multiplier effect through global recognition to the entrepreneurs nurtured and supported through this ecosystem. It is heartening to see that in addition to the incubation support, thousands of innovators and startups have been supported in varied technology domains aligned with key national initiatives under NIDHI-EIR, NIDHI-PRAYAS, and NIDHI Seed Support Program. These programs have resulted in accelerated growth in the number of startups supported, employment, intellectual property generated, and wealth created.

I extend my best wishes to Team of NSTEDB, DST along with Vigyan Prasar, SINE IIT Bombay and Venture Center, Pune in putting up sincere efforts in bringing publication on 75 promising Startups supported under various components of NIDHI Program.

  
(S. Chandrasekhar)

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इन्ट्रेप्रन्योरशिप (एनएसटीईडीबी)

**Dr. Anita Gupta**  
Advisor & Head, Innovation and  
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## PREFACE

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

The National Science and Technology Entrepreneurship Development Board (NSTEDB) of DST has been dynamically adapting its approaches and offerings to suit the national aspiration and needs to foster Science, Technology and Innovation based entrepreneurship. The uniqueness in NSTEDB's approach lies in supporting a strong network of Technology Business Incubators (TBIs) in higher learning institutes to benefit fledgling start-ups.

NSTEDB has taken rapid strides in building the technology-enabled S&T ecosystem in the country, by launching a Program NIDHI (National Initiative of Developing and Harnessing Innovation) in 2016. NIDHI's array of value added program offers funding support at various stages of product development, including prototype, market validation, enhancing readiness for market and investment.

Celebrating Azadi Ka Amrit Mahotsav to mark 75 years of our independence, a compendium featuring 75 promising incubated Startups, is being brought out. My heartiest congratulations to the wonderful effort made by these startups in contributing towards Atmanirbhar Bharat Abhiyan through their innovative products and solutions. I would like to compliment Team NSTEDB and the DST supported TBIs for their efforts and commitment in making the program successful.



  
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\* National Science & Technology Entrepreneurship Development Board (NSTEDB)



## NIDHI TECHNOLOGY BUSINESS INCUBATOR

Globally technology and business incubation is acknowledged as a crucial instrument for boosting the economy and creating jobs. Department of Science and Technology (DST), realising that technology based new ventures are high risk, high growth initiative, has conceived program like Technology Business Incubator (TBI) for creating enabling environment to support technology startups. The TBIs are established primarily in and around academic, technical and management institutions. These TBIs tap innovations and technologies for venture creation by utilising knowledge and infrastructure available in institutes and research centres.



National Initiative for Developing and Harnessing Innovations (NIDHI) is an umbrella program for nurturing ideas and innovations (knowledge-based and technology-driven) into successful start-ups. NIDHI-TBI (NIDHI-Technology Business Incubator) is a flagship initiative set up by the Department of Science and Technology. The NIDHI TBI strengthens and connects every link in the innovation value chain, from scouting to sustaining to securing to scaling to showcasing. The major stakeholder & partners of NIDHI TBI program include Departments of Central and State Governments, academic and R&D institutions, financial institutions, corporate etc. DST has supported NIDHI TBIs in various technology domains as per national priorities.

The NIDHI TBIs have been providing handholding support to startups by technical & business mentoring along with generating funds for their initial stages of establishment and scaling up of their business operations to next level.

Nation is celebrating 'Azadi ka Amrit Mahotsav' to mark 75 years of independence. In this compendium, we attempt to showcase promising 75 startups which have been incubated by the Technology Business Incubators supported by DST. We have shortlisted these startups based on critical problem addressed, innovation content, technology readiness, investment raised, market traction, etc.

DST has created network of 160+ incubators which have supported more than 12000 start-ups and provided job opportunities for around 1,30,000 personnel. It was encouraging to see how network of DST incubators and startups could put their coordinated efforts to address challenges faced by the country during COVID 19 health crisis.

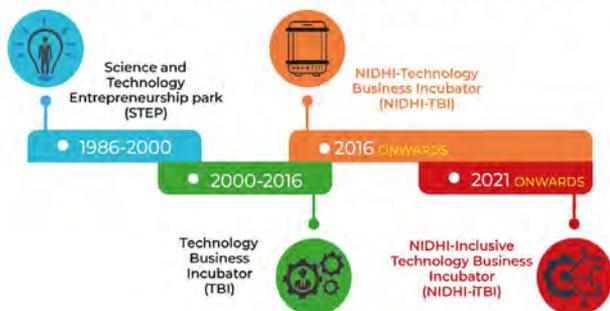
We wish all success to the incubators and startups and we hope that this network of incubators and startups will continue to grow and put their sincere efforts to address problems faced by the country.





## NIDHI-Technology Business Incubator (NIDHI-TBI) Program: At a Glance

### NIDHI-TECHNOLOGY BUSINESS INCUBATOR (NIDHI TBI) PROGRAM (SINCE INCEPTION)

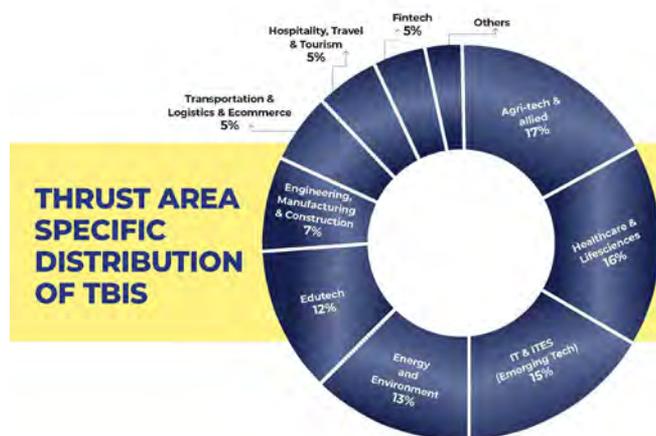


### Journey so far of NIDHI-TBI from inception



### Nurturing Startup through DST's Incubation

### Program

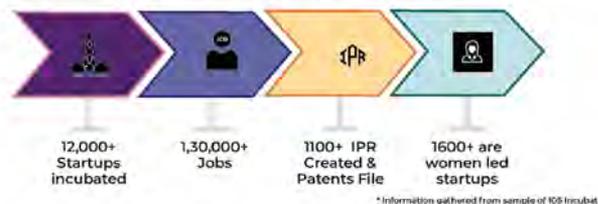


### Thrust area specific distribution of TBIs

### A Snapshot View Of DST'S INCUBATION PROGRAM

DST has supported setting up of incubation centers across 24 states in the country which includes 8 Centre of Excellence, 120 TBI's, 40 NIDHI-TBI's and 4 NIDHI-ITBI's

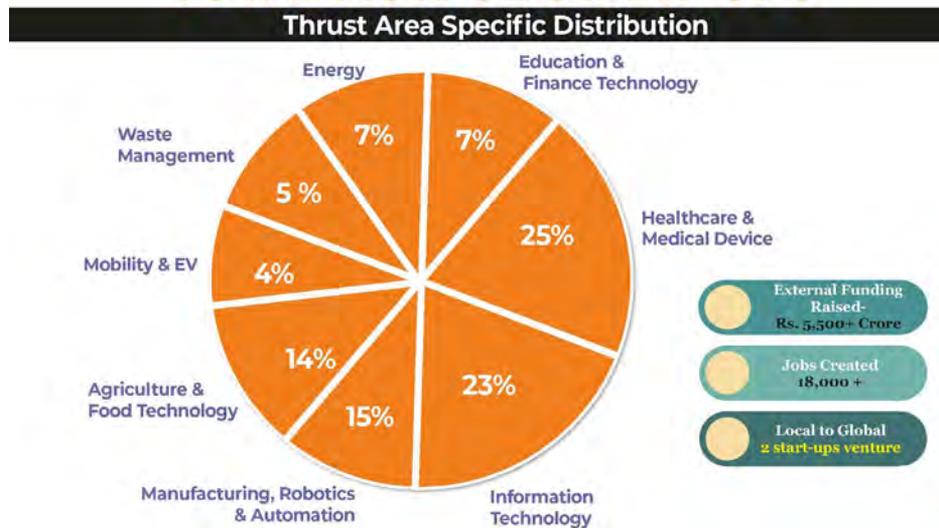
DST has provided Rs. 200+ Crore in last 5 years for the development of the startup incubator infrastructure.



### A snapshot view of DST's Incubation Program



## ANALYSIS OF 75 IMPACTFUL START-UPS



Analysis of 75 Impactful Startups



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# AGRICULTURE AND FOOD TECHNOLOGY





Startup Name
Siddhi Vinayak Agri Processing Pvt Ltd.
Ross Lifescience Pvt Ltd.
Black Eye Technologies Pvt Ltd.
Mobitech Wireless Solution Pvt Ltd.
Millenova
Green Agrevolution Pvt Ltd.
Jovaki Agrofood India Pvt Ltd.
TFO Technologies, Kottayam
Udaya Agro Farm
Agnext Technologies Pvt Ltd.
Instahot



**Product** - POTATOES/PROCESSING LINES/VAP

**Problem Addressed** - The productivity of potatoes in India is almost half that of the Netherlands for two reasons – acute lack of quality seeds and limited range of varieties. Cold storages in India depend on a rudimentary air exchange mechanism. It leads to reduced quality of stored potatoes, lower shelf-life, and higher rottage. Indian snack processing industries are dependent on imported tech solutions that are not contextualised to Indian requirements leading to inefficiency in processes and high costs.

### Product details

**Description** - Increases farm income through increasing availability of quality seed potatoes in wide-ranging varieties and minimum-price-based buyback support. For the same, a dedicated R&D lab is registered by the Ministry of Science and Technology, Government of India. The cold storage is actively modernised for better post-harvest-management leading to reduced wastage and improved quality of potatoes. It also provides comprehensive technology solutions for snack processing industries that cater to contextualised needs and raw-material quality.

**Application** - Potato seed varieties, snack processing lines, cold storage, niche, and branded potato to be used in the farming and snack manufacturing industry.

**Value Proposition** - Being a full-stake potato platform (end-to-end potato value chain solution) allows the start-up to devise sustainable business strategies focusing on increasing the size and share of the pie for everyone.

### Achievements

- Generated revenue of Rs. 75 crores during the FY21-22
- Domestic presence in 18 states of India and international presence in 4 continents
- Received external investment of Rs. 5 crores from Song Investment (2011-12), Rs. 25 crores from Lok Capital and Aspada (2015), Rs. 8.5 crores from SIDBI and Aspada (2018), and Rs. 37.5 crores from Waycool (2021)

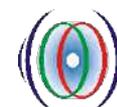
**End users** - Farmers, snack manufacturers, distributors, cold store operators, institutional retailers, potato consumers (Low glycemic index-Carisma)

**Founder** - Hemant Gaur

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 2 Trademarks

### Incubated at



SCITECH PARK

Science and Technology Park, Pune  
scitechpark.org.in  
stp@scitechpark.org.in





**Product - CONTRACT RESEARCH**

**Problem Addressed** - Lack of contract research organisations engaged in innovative methods of analysis in the field of agrochemicals, household pests, food, and other chemical and biological analysis.

**Product details**

**Description** - Ross uses innovative methods of analysis. Ross has a state-of-the-art entomological division which is unique and one of its kind in India. Ross also undertakes environmental toxicological studies. Ross can undertake field trials of household products like mats, coils, sprays, and the IRS (Indoor Residual Sprays). Ross has expertise in carrying out trials on honey bees in the field. Field trials are also carried out on different crops in different agrochemical conditions. It has a GLP (Good Laboratory Practices) certification.

**Application** - Ross Lifescience is a contract research organisation that helps companies in the agrochemical, household insecticide, pharmaceutical, and food products industry with laboratory testing of their products and data generation in chemistry, toxicology, bio-efficacy, residue persistency, and other studies as per their testing/registration requirements. Ross has certifications and accreditations from various agencies.

**Value Proposition** - To provide humanity with a better quality of life by furthering its exploration in crop care, pest management, safer food, and effective pharmaceuticals.

**Achievements**

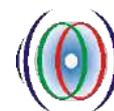
- 220+ Clients
- Presence in 25 countries
- Average growth of about 50% year-on-year
- Private investment of Rs. 1 crore

**End users - B2B**

**Founder - Dr Swati Vitonde**

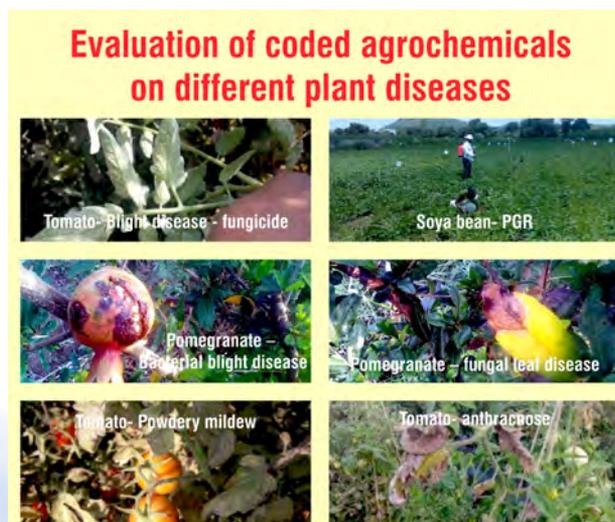
**Technology Readiness Level (TRL) - 9**

**Incubated at**



SCITECH PARK

Science and Technology Park, Pune  
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stp@scitechpark.org.in





## Product - IRRIGATION ALERT

**Problem Addressed** - Groundwater conservation, live soil health testing, crop yield increment, and crop-based advisory for fertilisation and irrigation.

### Product details

**Description** - Irrigation Alert is an IoT hardware-based SAAS platform that helps with quality irrigation and fertilization. It works with SMS and mobile applications, reduces water usage by 42%, and increases crop yield by 25%.

**Application** - Irrigation Alert is an IoT sensor-based SAAS platform that helps improve crop production and provides quality irrigation and fertilisation. It works with both SMS and mobile application so that the farmer can easily control the devices in their field.

**Value Proposition** - IoT hardware-based SAAS platform helps in quality irrigation and fertilization. It works with SMS and mobile application, reduces water usage by 42%, and increases crop yield by 25%.

**End users** - Farmers



**Founders** - Amandeep Srivastava  
Harminder Singh

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 Trademark and  
2 Patents Filed

### Incubated at



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**Product** - IRRIGATION AND FERTIGATION AUTOMATION SYSTEMS

**Problem Addressed** - Ineffective use of both water and fertilizers

### Product details

**Description** - Manual (on a click or call)/ semi-automatic/automatic based on IoT/satellite-enabled smart devices for ON/OFF motors, drip irrigation valves, and fertigation.

**Application** - Irrigation automation solutions help farmers control and monitor their irrigation system with no or minimal intervention in a cost-effective manner.

**Value Proposition** - Precise irrigation with no or minimal intervention; unique ease of use.

### Achievements

- Domestic presence in 5 states
- Generated revenue of Rs. 125 crores

**End users** - Small, medium, and large-scale farmers

**Founder** - SP Raja Kumaran

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** -  
Trademark and brand registrations

### Incubated at



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[tbi-kec@kongu.ac.in](mailto:tbi-kec@kongu.ac.in)





**Product - MILLENOVA FOOD PRODUCTS**

**Problem Addressed** - Solved process issues and created social impact by training students on various food processing technologies/creating new formulations for other entrepreneurs.

**Product details**

**Description** - Millet-fruit and vegetable combination and balanced nutritional snacks that provide 25-35% Recommended Dietary Allowances (RDAs).

**Application** - Millet-based food products

**Value Proposition** - Breakfast replacement bars, millet based breakfast bars, and sports nutrition bars.

**Achievements**

- Outreach in 12 Stores, 600-1000 orders via online channels, introduced new probiotic immunity bars
- Breakfast replacement bars, millet-based breakfast bars, and sports nutrition bars

**Founder** - Soumya Mandaru

**Incubated at**



Nutrihub TBI, Hyderabad  
nutrihubiimr.com  
dayakar@millet.res.in





## Product - DEHAAT

**Problem Addressed** - More than 87% of farmers in eastern India (Bihar and UP) are small and face a plethora of problems at every stage of agricultural production, such as crop planning, inputs availability, unawareness of the latest technology, and advisory support. Hence, the household's average annual net agricultural income is approximately a mere Rs. 70000.

## Product details

**Description** - DeHaat is an ICT-based platform that connects small farmers to their various needs such as seeds, fertilizers, equipment, crop advisory, and market linkage through a network of trained micro-entrepreneurs.

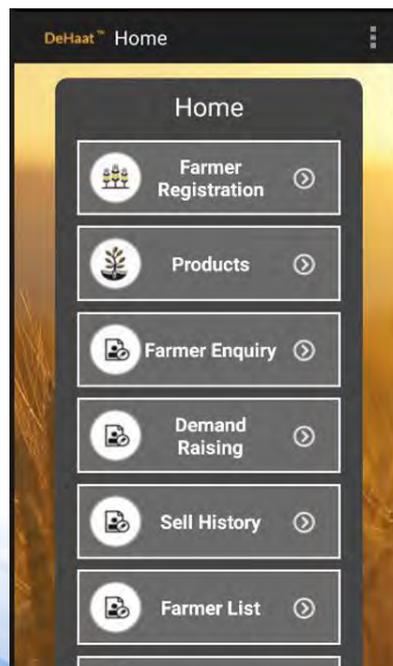
**Application** - DeHaat is India's homegrown, largest full-stack agritech company. It uses AI-enabled technologies to revolutionize supply-chain and production efficiencies in the farming sector. DeHaat offers services ranging from distributing high-quality agricultural inputs, customized farm advisory, access to financial services, and market linkages to sell their produce.

**Value Proposition** - DeHaat is an ICT-based one-stop platform for farmers. It connects them for entire 360-degree needs—seeds, fertilizers, equipment, crop advisory, and market linkage through a network of trained micro-entrepreneurs.

## Achievements

- Working with 8,00,000+ farmers, 6000 micro-entrepreneurs
- Present in Bihar, UP, Odisha and West Bengal
- Growth of over 16 times in the last 2 years
- External investment of Rs. 1200 crore and USD 161 million

**End users** - 8 lakh farmers, 1000+ Agri business institutions including UPL, IIL, IFFCO, DuPont, Tata, Bayer & Yara



**Founders** - Shashank Kumar  
Shyam Sunder Singh  
Adarsh Srivastava  
Amrendra Singh  
Abhishek Dokania

**Technology Readiness Level (TRL) - 9**

## Incubated at



IIM Calcutta Innovation Park, Kolkata  
<https://iimcip.org/>  
[subhrangshu.sanyal@iimcip.org](mailto:subhrangshu.sanyal@iimcip.org)



**Jovaki Agrofood India Pvt Ltd., Udaipur**  
jovaki.com



**Product** - JOVAKI, TRIBALVEDA

**Problem Addressed** - High demand and low supply of forest produce; poor, expensive, and unorganized procurement and supply chain distribution channels.

### Product details

**Description** - The products are forest-sourced underutilized fruits and vegetables. With the help of tribal women, the pulp of these forest-grown products are processed considering hygiene and safety. These products are 100% natural and no sugar, no preservatives, and no harmful chemicals are added. These products also provide a livelihood to around 800+ women belonging to tribal zones of southern Rajasthan.

### Achievements

- Generated revenue of Rs. 1.67 crores
- More than 200% growth compared to last financial year
- External investment of Rs. 60 lakhs

**End users** - Catering industry, ice-cream companies, frozen product distributors, etc.



**Founder** - Rajesh Oza

**Technology Readiness Level (TRL)** - 9

### Incubated at



IIM Calcutta Innovation Park, Kolkata  
<https://iimcip.org/>  
subhrangshu.sanyal@iimcip.org



## Product - PINEAPPLE WINDING MACHINE

**Problem Addressed** - The main issue faced by the pineapple cultivation labours is the winding of the pineapple plant for replanting. The suckers are little plantlets that can be further used in planning. They have to be plucked and transported to another field. The traditional method of manually transporting suckers by winding them with a rope involves high physical effort. Also, there are chances of accidents as the pineapple leaves are sharp and thorny.

### Product details

**Description** - The pineapple winding machine is an innovation in the field of pineapple cultivation. The worldwide demand for pineapple has increased over the years, and there has been an increase in cultivation in Kerala in recent years.

**Application** - The machine can be operated using a lever to rotate. It has wheels that enable easy portability and moment through the field. Harvested leaves can be transported with maximum space utilization since the winding machine can wind bundle in maximum temper.

### Achievements

- District level first prize in Yuva Bootcamp and qualified to the state level
- 1st prize in the IDEATHON competition
- Bronze medal in out-of-box All Kerala Tech Fest



**Founder** - Jubin Thaj

**Technology Readiness Level (TRL)** - 7

### Incubated at



Startups Valley TBI, Kerala  
<https://startupsvalley.in/>  
sherinsamjose@amaljyothi.ac.in



**M/s Udaya Agro Farm, Kumbakonam, Tamilnadu**  
udayaagro.com



**Product - VILLAGE RICE**

**Problem Addressed -** Controls non-communicable diseases like diabetes, constipation, obesity, etc.

### Product details

**Description -** Village Rice is a rice variety made possible by modern agricultural science. The development of a polished white rice variety with high fiber content (13%), high protein, and low-glycemic index is a novel concept that has not been successfully achieved by others in the country.

**Application -** High fiber, high protein, and low glycemic index white polished rice.

**Value Proposition -** The polished white rice contains high fiber (15%) and high protein (14%) and does not involve any genetic engineering technology. It possesses many health benefits such as relieving constipation, reducing the risk of colon cancer, controlling diabetics, and obesity management. It is better than organic rice, yields more cooked rice, and does not contain toxic residues due to good agricultural practices.

### Achievements

- B2B2C and B2C markets with a sale of 3-5 metric tons of village rice per month
- Domestic presence on Amazon and international export
- 45% growth year-on-year
- Received RKVY grant of Rs. 17 lakhs

**End users -** Rice consumers from India and other countries.



**Founder –** G Paranjothi

**Technology Readiness Level (TRL) -** 9

**Intellectual Property -** Patent granted

### Incubated at



ABIS Technology Business  
Incubator, Coimbatore  
<https://sites.google.com/a/tnau.ac.in/tbi/>  
tbi-abis@tnau.ac.in



**Product - AGNEXT ONE**

**Problem Addressed** - Lack of tech-based assessment of agricultural commodities, lack of on-field quality inspection services, and unreliable financing to value-chain players

**Product details**

**Description** - It involves a chemical assessment of commodities using the portable spectral analyser as well as a physical assessment of commodities using computer vision.

**Application** - It is an end-to-end managed services platform offered to the value chain customers in the agricultural supply chain.

**Value Proposition** - An end-to-end managed services platform backed by technology-based quality assessment.

**Achievements**

- Associated with major government agencies (NAFED, FCI, Spice Board)
- Domestic presence in 25+ states and international presence in UAE, Thailand, Vietnam, Indonesia
- External investment of USD 25 million from Falcon Edge, Omnivore, and Kalaari

**End users** - Farmers, collection centers, testing laboratories, financial institutions, and agri-processors



**Founders** – Taranjeet Singh Bhamra  
Sparsh Kaur

**Technology Readiness Level (TRL)** - 7

**Intellectual Property** - 6 technology patents filed

**Incubated at**



TBI, IIT KGP  
step-iit.org/  
mdstep@step.iitkgp.ac.in





**Product** - INSTAHOT

**Problem Addressed** - Providing hot food anytime at any place without any external heat source.

### Product details

**Description** - InstaHot generates heat energy through the exothermic chemical reaction of metal powder and oxides in the presence of water. The chemicals go through multiple levels of processing to arrive at the desired formulation.

**Application** - InstaHot is an innovative food heating solution that enables the user to have hot food anytime at any place. The process is such that water is poured, following which the food gets heated.

### Achievements

- Generated revenue of Rs. 30 lakhs
- Primarily domestic presence with few export orders

**End users** - 2500+ B2C, 10+ B2B, and the Indian Army

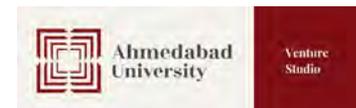
**Founders** – Kush Patel  
Sachin Patel

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 4 patent applications (2 published), 4 design applications (filed)



### Incubated at



VentureStudio, Ahmedabad  
[venturestudio.in/](http://venturestudio.in/)  
[tanvi.rangwala@ahduni.edu.in](mailto:tanvi.rangwala@ahduni.edu.in)





**ENERGY**



### Startup Name

Geniusenergy Critical Innovation Pvt Ltd.

Tan90 Thermal Solutions Pvt Ltd.

Log9 Materials Scientific Pvt Ltd.

GPS Renewables Pvt Ltd.

Atomberg Technologies Pvt Ltd.



**Product** - MODIFIED BOILER AND CONDENSATE HEAT RECOVERY SYSTEM

**Problem Addressed** - Currently, there is a major concern about the exacerbation of global warming due to the use of fossil fuels. Fossil fuel and firewood are used by unorganised sector, and the conventional heat-based processes used have a lot of energy wastage.

### Product details

**Description** - GCI's Modified Boilers use a condensate heat recovery system to recapture energy in the form of steam, allowing efficient fuel use. GCI's boilers are reliable energy efficient systems that lead to significant cost saving through the reduction in fuel and water consumption by up to 30% and 80%, respectively.

**Application** - Geniusenergy critical Innovation Pvt Ltd. is a manufacturer and supplier of energy-efficient boilers. The boilers work on the principle of condensate heat recovery, allowing customers to reduce labour, water, and fuel costs. The boilers have been used in various industries, including food processing (Mawa making, Jaggery making, Milk pasteurisation, etc.), dairy, textile, and many others.

**Value Proposition** - The GCI's Modified Boilers are environmentally friendly and significantly reduce labour, water, and fuel costs. Lesser frequency of water and fuel replacement minimizes the labour cost.

### Achievements

- Boiler was recognised by NIF-India and awarded a National Award at the 8<sup>th</sup> National Grassroots Innovation Award
- GCI recently won the first place Startup of the Year award in the Amazon Smbhav Entrepreneurship Challenge, 2022

**End users** - Micro and small manufacturing businesses in industries with heat-based processes such as dairy, food processing, textile, leather, chemicals, pharmaceutical, etc.



**Founder** – Dr Subhash Ola

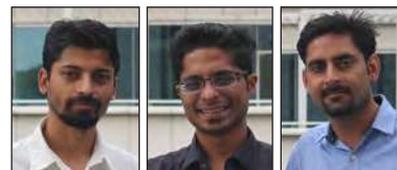
**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Application number: 587/DEL/2015

**Incubated at**



NIF Incubation and Entrepreneurship Council, Gandhinagar  
nifientrec.org  
ceo@nifientrec.org



**Product - TAN90THERMAL**

**Problem Addressed** - Conventional grid-connected cold storage consumes high energy and releases substantial CO<sub>2</sub> emissions. Tan90 developed an effective solution to reduce food waste, gaps in the cold chain, packhouses, reefer vehicles, and ripening chambers in India.

**Product details**

**Description** - Tan90 developed a portable cold storage solution to enable seamless, efficient, and cost-effective transportation of perishable goods from the farm to the fork. It is a decentralized renewable energy-based livelihood generation product. The core technology includes using a proprietary Phase Change material-based thermal battery to maintain the temperature in the box/bag.

**Application** - Tan90 has developed a portable cold storage solution to enable seamless, efficient, and cost-effective transportation of perishable goods from the farm to the fork.

**Value Proposition** - The cost-effective cold storage solution has unique features, such as the product being enabled with data loggers to monitor the operating temperatures during transportation. The product can also be customised with a UV lamp module to help sanitise the perishable, given the Covid-19 contamination possibility.

**Achievements**

- Operational in 12 states across the country
- GHG Emission avoidance potential: 6.6 MtCO<sub>2</sub>e/Year by 2030
- Generated cumulative revenue of Rs. 1.25 crore
- Generated investments of Rs. 70 lakhs
- Received awards for Open Innovation Challenge IIGP 2.0 and Social Alpha Energy Challenge 2.0



**End users** - Farmers

**Founders** - Soumalya Mukherjee  
Rajnikant Rai  
Shiv Sharma

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 3 Patents Applied

**Incubated at**  
**SOCIAL**  
alpha

Social Alpha, Bangalore  
socialalpha.org  
info@socialalpha.org





**Product** - AFCS, NANOCAPS, RAPIDX SERIES (TiB BATTERY), ZAPPUP SERIES

**Problem Addressed** - Slow charging of Li-ion cells, low cycle life, safety and reliability of Li-ion cells, and dependency on other countries.

### Product details

#### Description -

**Battery:** Based on Lithium Titanium Oxide (LTO) chemistry, TiB comes with best-in-industry characteristics, including enhanced safety, long life, low-temperature performance, rapid charging, high input/output power, and a wide usable SOC range.

**Fuel Cells:** Al-fuel cells are the primary batteries that run on air, water, and Aluminium (Al). Given Aluminium's abundance in the earth's crust (8%) and lesser weight, these cells pack 8000 WHr/Kg of energy, making them economical and powerful simultaneously.

**Nanocaps:** 3V ultracapacitors, powered by Log9's patented graphene-based technology, provide higher energy and power density while having the lowest current leakage. Capable of operating in a wide range of temperatures and enabling long cellular lifespans, Nanocaps are the best in class in terms of safety and reliability.

#### Application -

**RapidX:** The Log9 RapidX series of batteries are the safest EV batteries in the country, designed to efficiently power electric vehicles in all Indian and other tropical conditions. Built using patented high-power cell technology, RapidX batteries are extremely durable and can last longer than conventional batteries without losing their efficiency.

**ZappUp:** It is a cutting-edge battery pack solution that effectively regulates and stabilises the supply-demand mismatch by bridging the current gap in the electric grid system. It can be applied to considerable power and energy services ranging from fast-response ancillary grid services to energy arbitrage.

**Value Proposition** - Ultra-fast charging, a high life cycle of 10 years, Safe and reliable Indigenization

**End users** - Vehicle OEMs, last-mile delivery service providers

**Founders** - Dr Akshay Singhal  
Kartik Hajela  
Pankaj Sharma

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - One Patent  
Filed

### Incubated at



TIDES, IIT Roorkee  
tides.iitr.ac.in  
tides@iitr.ac.in





**Product - BIOURJA**

**Problem Addressed** - A mix of the latest in communication technologies and innovative engineering enables all the Biourja systems to be monitored remotely. This sets Biourja apart from other systems as the ability for early diagnosis reduces the operating costs for the clients, prevents breakdowns, and ensures high system uptime.

**Product details**

**Application** - The GPS Biourja system is a high-rate dry anaerobic digestion system. It digests biowaste and produces clean bio-CNG (biogas with a high percentage of methane). The gas can be directly used for cooking and thermal applications. It can also be used with a gas engine for power generation. The post-digested liquid is used as a fertilizer.

**Value Proposition**-Remote monitoring, low-cost, time and space-saving technology.

**Achievements**

- More than 100 installations
- Received external investment of Rs. 178 crores

**End users** - Hotels, education institutes, religious institutes, and corporates



**Founder** - Mainak Chakraborty

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** – One Patent Filed

**Incubated at**



IKP Knowledge Park, Telangana  
ikpknowledgepark.com  
lsi@ikpknowledgepark.com





**Product** - ATOMBERG ENERGY-EFFICIENT FANS

**Problem Addressed** - Manufacturer of smart energy-efficient fans

### Product details

**Description** - The fans run on BLDC motors that consume 1/3<sup>rd</sup> of energy compared to normal induction motor fans. It saves more than 65% energy.

**Application** - The company is producing BLDC energy-efficient, IoT-enabled fans that consume less electricity and works with Atomberg App, Alexa, and Google Assistant.

**Value Proposition** - Energy efficient, small motor with a sleek design, smart with Alexa/Google integrated with remote control

### Achievements

- Leader in the BLDC segment
- Domestic and international presence
- Generated revenue of ~ USD 10 million
- Raised external investment of ~ USD 40 million

**End users** - B2C segment



**Founders** – Manoj Meena  
Sibabrata Das

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - One patent granted and three more patents filed

**Incubated at**



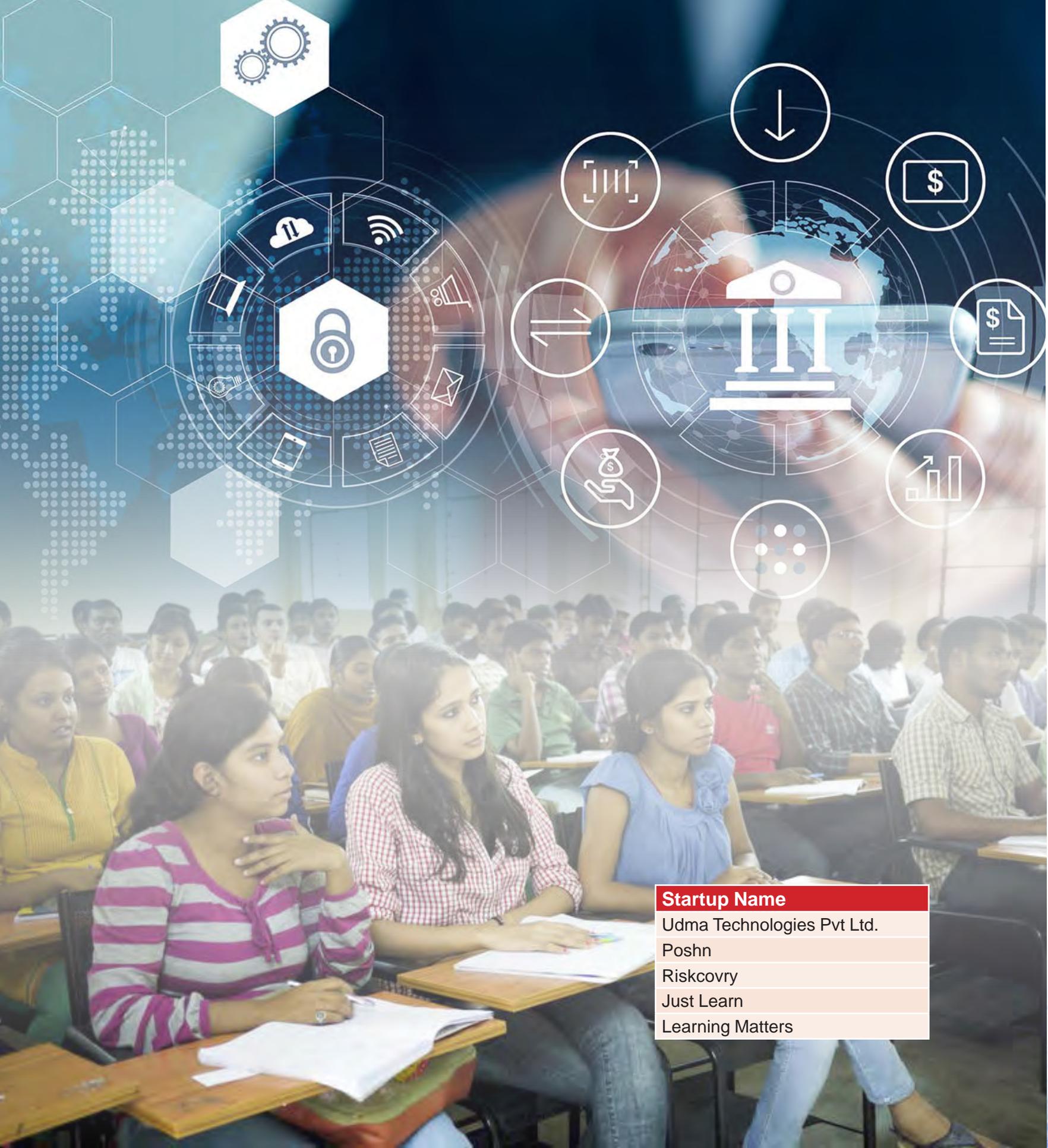
SINE IIT Bombay  
<https://sineitb.org/>  
[sine@sineitb.org](mailto:sine@sineitb.org)





## FINANCE & EDUCATION TECHNOLOGY





**Startup Name**

Udma Technologies Pvt Ltd.

Poshn

Riskcovry

Just Learn

Learning Matters



## Product - YUVA PAY

**Problem Addressed** - The company has provided an opportunity to extend financial inclusion to the unbanked segment of the population and offer formal financial services to thin - file customers with little or no credit history. As a result, the company has expanded the financial inclusion for the women population and minimized the gender gap.

## Product details

**Description** - It is an offline UPI123, wallet, prepaid card, QR code, and banking services.

**Application** - The product provides a centralized Neo-Bank platform for the unconnected and unbanked lower-income families without the internet. They can now send, save, spend, protect, invest, and control essential banking services on a single platform without internet support, on smartphones and non-smartphones.

**Value Proposition** - It can be used without the internet or a mobile application. It is compatible with both smartphones as well as non-smartphones. It can be operated offline with a pre-paid card/mobile wallet/QR code/UPI. It consists of flexible vernacular support and accepts remote and proximity payments. In addition, there are no added device costs.

## Achievements

- 320k+ users and USD 145 million+ GTV
- Available throughout India and in Germany
- Generated over USD 100,000 in revenue
- Received funding from India, USA, and Germany

**End users** - e-Governance, Telco Players, Financial Institutions, SHGs, NBFCs, MFIs, Retail, e-Commerce, FPOs, Edu-Techs, B2C users



**Founders** - Prashantha B  
Roshan Crasto

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 Patent Filed

## Incubated at



Jain University Incubation Centre,  
Bengaluru  
jainlaunchpad.com  
info@jainlaunchpad.com



**Poshn, Delhi**  
poshn.co



**Product** - POSHN

**Problem Addressed** - Price, commodity discovery, and end-to-end procurement simplicity

### Product details

**Description** - B2B commerce platform for groceries via reverse auction

**Application** - B2B commerce platform for wholesale grocery

**Value Proposition** - They have provided suppliers with distribution and working capital solutions.

### Achievements

- Domestic presence
- Overall growth is 25 times year-on-year
- Received external investment from Prime Venture and Zephyr

**End users** - Modern trade, e-commerce, general trade for wholesalers

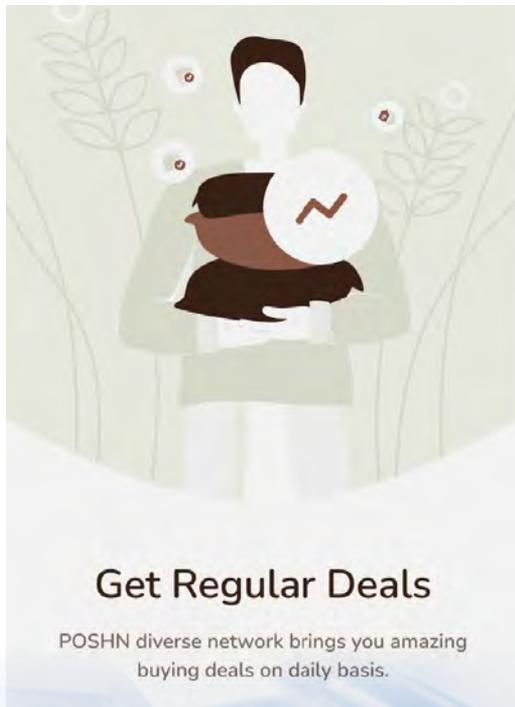
**Founders** - Shashank Singh  
Bhuvnesh Gupta

**Technology Readiness Level (TRL)** - 7

### Incubated at



Indigram Labs Foundation,  
New Delhi  
[indigramlabs.org/](http://indigramlabs.org/)  
[tbi@indigramlabs.org](mailto:tbi@indigramlabs.org)





**Product - RISKCOVRY**

**Problem Addressed** - The cost of setting up and running a tech-enabled insurance offering for customers and partners is significant for an organization. The high costs incurred ultimately lead to the under-penetration of insurance.

**Product details**

**Description** - The unified API offers a scalable plug-and-play solution that caters to a business’s unique needs. It offers 75+ insurance products from 33+ insurers through three distribution channels: assisted, embedded, and DIY.

**Application** - A single insurance distribution partner that offers “insurance-in-a-box” bridging supply and demand. Riskcovry combines a transparent business model with plug-and-play technology to enable a faster go-to-market while preserving the consumer brand experience.

**Value Proposition** - Riskcovry caters to insurance distribution requirements in a full-stack but modular fashion. Its omnichannel distribution platform combines APIs, SaaS, and data analytics capabilities, personalized to each channel’s requirements, and scales with changing enterprise needs.

**Achievements**

- Sold more than 5 lakh insurance policies
- Possess 40+ enterprise clients
- 101% year-on-year growth in GWP (January 2022)
- Generated revenue of Rs. 2.5 crores in FY 2022
- Raised funding of Rs. 50 crores

**End users** - Enterprises with a captive customer base

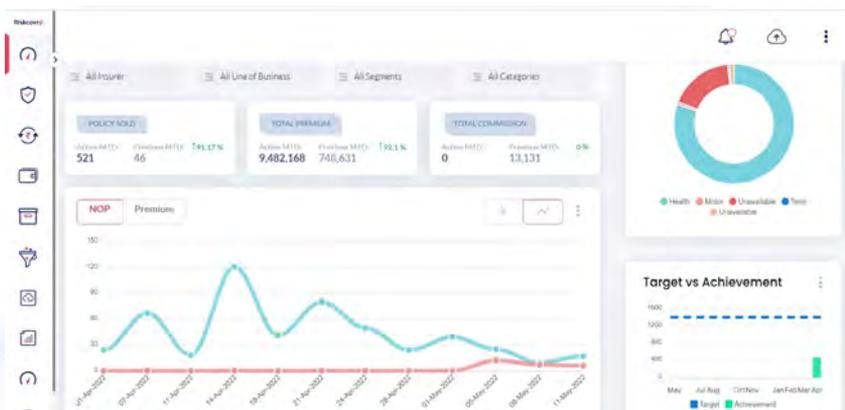
**Founders**– Suvendu Prusty  
Sorabh Bhandari  
Chiranth Patil  
Vidya Sridhara

**Technology Readiness Level (TRL)** - 9

**Incubated at**



CIIE.CO, Ahmedabad  
ciie.co/  
neeraj@iima.ac.in





**Product - JUST LEARN**

**Problem Addressed** - The Company intends to skill/re-skill/up-skill and ensure capacity-building in accordance with industry requirements. It is also improving the effectiveness and relevance of learning and education with a 360-degree integrated solution that connects all stakeholders in education and skill development. This will lead to an improvement in the employment rate and provide a quality workforce to industries.

**Product details**

**Description** - It is the learning content of the 21<sup>st</sup> century that is engaging, interactive, and effective through VR/ML/AI/Gamification. It is an integrated technology supported by a mobile application that works in interior areas.

**Application** - 'Just Learn' is a leading ed-tech brand that infuses Deep Tech, AI/IoT for education and skill development. It is one of pioneers in Virtual Reality (VR)/Metaverse, Gamified, and Animated/3D learning content. It comprises 1300+ courses, 1000+ empanelled trainers, and 150+ domain areas. It has connected learners across India and Europe, as well as industries such as health care, mining, power, steel, space, automobiles, etc.

**Value Proposition** - It is an employment-focused learning program with insights from the industry. It covers 21<sup>st</sup>-century skills and learning material such as Virtual Reality (VR)/Augmented Reality (AR)/Metaverse/IoT/AI/Deep Tech in education and skill development to cover critical areas like industrial training, industrial safety, heavy industry, manufacturing, space and satellites.

**Achievements**

- Just Learn and Just Rojgar reached more than 5 lakh learners and touched the lives of more than 1 crore population through an integrated ecosystem for skill development, education, and employment enhancement
- Developed markets in the Middle East and Asian countries and working in the Netherlands and European countries
- Received Rs. 5 lakh as external investment from IIML EIC

**End users** - B2B/B2C clients like organisations and companies, Government bodies, NGOs, job aspirants

**Founders** - Abhishek R. Chola  
Aakriti Chaudhary

**Technology Readiness Level (TRL)** - 9

**Incubated at**



IIM Lucknow Enterprise Incubation Centre, Lucknow  
iimlincubator.com  
Incubator@iiml.ac.in





**Product** - TARA-ARTIFICIAL INTELLIGENCE (AI) AND NATURAL LANGUAGE PROCESSING (NLP)-POWERED, CLOUD-BASED, VIRTUAL VOICE TEACHER

**Problem Addressed** - 70% of middle school children cannot read the text in English or perform basic arithmetic due to the poor quality of teachers and teaching methods.

### Product details

**Description** - It is an Artificial Intelligence-based teaching platform for children, young adults, and adults, enabling a two-way communicative program. The system is integrated with the Echo Dot device and can be accessed through mobile phones.

**Application** - Tara delivers educational programs through an affordable voice-based education with AI for students and educators. Tara teaches spoken English in English as well as in Indian languages by playing the role of a teaching assistant in government and private schools through digital and non-digital intelligent tools and resources.

**Value Proposition** - Tara offers affordable voice-assisted learning devices for continued learning for students in class and at home.

### Achievements

- Impacted 35,000 learners working with 250+ schools with an established presence in Karnataka, Tamil Nadu, Odisha, Jharkhand, and Maharashtra
- Generated revenue of over Rs. 38 lakhs post-Covid
- Raised investment over Rs. 2 crore from Lavni Ventures, Social Alpha (Tata Trusts), and Angel investors

**End users** - Microland Foundation, Tata Technologies, CINI (Tata Trusts), Neyveli Lignite Corporation, Shloka Birla School, Shifting Orbits



**Founders** - Gowri Mahesh  
Ramamoorthy G  
Saraswathy R

**Technology Readiness Level (TRL)** - 8

**Intellectual Property**  
Tara code & books are copyrighted

### Incubated at



Forge (Coimbatore Innovation & Business Incubator),  
Coimbatore  
forgeforward.in  
ceo@forgeforward.in





**HEALTHCARE & MEDICAL DEVICES**



### Startup Name

Kyvor Genomics Pvt Ltd., Chennai

Sirona Hygiene Pvt Ltd., New Delhi

Piltover Technologies, Bengaluru

Dipitr Technologies Pvt Ltd., Bengaluru

Cradlewise Innovations Pvt Ltd., Bengaluru

Samplytics Technologies Pvt Ltd., Bengaluru

Turtle Shell Technologies Pvt Ltd., Bengaluru

Primary Healthtech Pvt Ltd., Assam

Bioscan Research Pvt Ltd., Ahmedabad

Laurus Labs, Telangana

Startoon Labs, Hyderabad

Artivatic Data Labs Pvt Ltd., Bengaluru

Periwinkle Technologies Pvt Ltd., Pune

Adiuvo Diagnostics Pvt Ltd., Chennai

Ayu Devices Pvt Ltd., Mumbai

HaystackAnalytics Pvt Ltd., Mumbai

Happy Reliable Surgeries Pvt Ltd., Bengaluru

MediAsha Technologies Pvt Ltd., Pune

Sushrut Designs Pvt Ltd., Pune



**Kyvor Genomics Pvt Ltd., Chennai**  
kyvorgenomics.com



**Product** - CANLYTx™

**Problem Addressed** - Determining the ideal precision treatment plan for cancer patients; identifying the mutations causing cancer; prescribing more effective drugs that reduce the risk of side effects; and eliminating the trial-and-error inefficiencies that implicitly reduce the cost pressure from patients.

### Product details

**Description** - CANLYTx™ (CANCER + ANALYTICS) is a molecular data analytics and simulation engine that explores the whole exome data of the patient's tumor DNA to demystify the complex genomic anomalies unique to that cancer. An individualized treatment regimen based on these genomic findings is presented in a detailed report to the clinicians.

**Value Proposition** - Wholistic approach for the entire functional part of the genome; fully automated analytics algorithm; database of 200,000+ entries with various evidence levels; multiple evidence-based recommendations for off-label treatment; competitive price point.

**End users** - Cancer patients



**Founder** - Abilesh M Gunasekar

**Technology Readiness Level (TRL)** - 9

**Incubated at**



VIT University TBI,  
Tamil Nadu  
vittbi.com  
vittbi@vit.ac.in



**Product** - SIRONA HYGIENE

### Product details

**Problem Addressed** - Sirona's sole purpose is to create products for all unspoken and unaddressed feminine health problems. The product catalog includes products for all women's problems from puberty to menopause, such as period care products, disposable toilet covers, wipes, reusable razors, intimate hygiene products, and more.

**Value Proposition** - One-stop shop for all feminine health products from puberty to menopause

### Achievements

- Revenue for 2020 was around USD 3.2 million
- The company has been growing at a CAGR of 140% for the last three years and has been profitable since 2019
- Sirona Hygiene's latest round of funding was for Rs. 100 crores from Good Glamm Group, which also saw a secondary buyout with early investors, including seed and Angel investors

**End users** - Women



**Founder** - Deep Bajaj

**Technology Readiness Level (TRL)** - 7

**Incubated at**



DLabs Incubator Association  
Hyderabad  
isbdlabs.org  
contact@isbdlabs.org



## Product - IDA M-SERIES I

**Problem Addressed** - The technology gap between urban and rural realms is widening. This technological divide between the products in the urban and rural domains is concerning in the disability space. The mission is to build inclusive technology products for the differently abled, starting with a low-cost high-utility prosthetic hand for the differently abled at the bottom of the pyramid.

## Product details

**Description** - Users can close the palm of the prosthetic hand to pick up an object by the turn of a knob. This way, the user does not have to exert additional force or keep their muscles flexed to continue holding an object. The product also entails features such as 180-degree wrist rotation and 90-degree thumb rotation, allowing the users to perform various tasks.

**Application** - IDA carries a proprietary knob-based self-locking mechanism and several other features that eliminate the need to apply any physical force when the user picks up various objects.

## Value Proposition

IDA is a functional mechanical prosthetic hand capable of performing at least a fifth of what a Bionic hand can do at less than 1 percent of the cost.

## Achievements

- Represented India in Jerusalem, Israel, for StartJLM and in Paris, France, for Vivatech 2022
- Current Valuation of Rs. 10 crore
- Raised investment from ThinQbate (Mumbai) and Hatcher+ (Singapore)

**End users-** Patients with a disability



**Founder** – Manan Issar

**Technology Readiness Level (TRL)** – 9

## Incubated at



IIM Udaipur Incubation Centre,  
Udaipur  
[iimuic.org/](http://iimuic.org/)  
[incubation@iimu.ac.in](mailto:incubation@iimu.ac.in)



**Product** - STRACK SMART POSTURE TRAINER AND CORRECTOR

**Problem Addressed** - Posture correction and improvement; reduction in back/neck pain and headaches; improving productivity, digestion, and confidence and look good factor.

### Product details

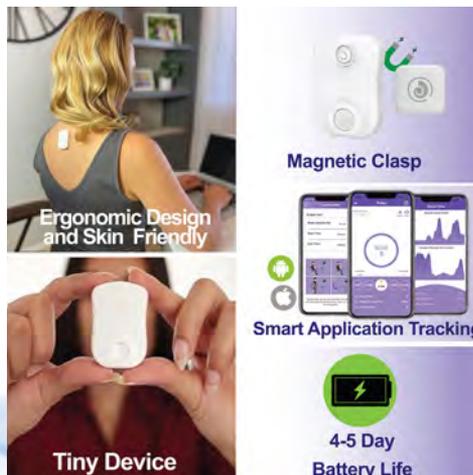
**Description** - Strack is a tiny posture wearable device that goes on your back and vibrates whenever a person slouch or sits in a bad posture to help fix the posture and train for great posture in as little as 30 days.

**Application** - The company is focused on building a back care platform for preventing and treating the most common Musculoskeletal (MSK) conditions through digital therapy, behavioral science, biofeedback, and wearable tech. It costs American employers over USD 7 billion annually and around USD 80 billion globally. To solve this problem, the company has launched smart wearable posture corrector and trainer device named 'Strack'. It takes care of posture correction, training, tracking, and posture management functions to make people's backs happy and healthy.

**Value Proposition** - AI Deeptech posture training and improvement algorithm; lightweight, strapless, and easy-to-use; mobile app for posture tracking, training, and management

### Achievements

- Recommended by 50+ Physiotherapists, 168 reviews, and a 4 star rating on Amazon
- Test marketed Strack in the US market and generated significant revenue in a short span
- Regulatory approvals for the US, Europe, and India market
- Won two national competitions and one regional competition
- Part of Stanford SEED accelerator, Nasscom AI/Deeptech, and CCAMP Accelerator



**End users** - People sitting for more than 4 hours, people with posture problems, people with back pain and MSD conditions.

**Founder** - Amir Valani

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Trademark for India Secured, Trademark for the USA filed

### Incubated at



IIM Lucknow Enterprise Incubation Centre, Uttar Pradesh  
iimlincubator.com  
incubator@iiml.ac.in



**Cradlewise Innovations Pvt Ltd., Bengaluru**  
cradlewise.com



**Product** - SMART CRIB

**Problem Addressed** - The smart crib tracks the sleep cycle of babies through the built-in monitor, spots the wake-up sign, and gently soothes the baby to sleep.

### Product details

**Description** - Cradlewise is self-learning crib to integrate a built-in monitor.

**Application** - Cradlewise makes smart cribs with a built-in baby monitor that uses artificial intelligence to learn the baby's sleep patterns and adapt to her changing needs.

**Value Proposition** - Bassinet+CribBaby+Monitor (3-in-1)

### Achievement

- Raised USD 7 million in 2021



**Founders** - Radhika Patil  
Bharath Patil

**Technology Readiness Level (TRL)** - 9

### Incubated at



Global Incubation Services,  
Bengaluru  
ginserv.in  
connect@ginserv.in



**Product - INITO**

**Problem Addressed** - The current fertility monitoring products are purely qualitative and allow detection of up to 2 days of fertility.

**Product details**

**Application** - Fertility test at home: A hand-held device that monitors four hormones to detect the peak fertility days.

**Description** - INITO helps women trying to conceive by providing their hormone charts from the urine dip-stick test along with a reader that uses the phone as a microscope to capture colorimetric changes in the test strip.

**Value Proposition** - Quantitative hormone level reading over 100,000 ovulation cycles monitored.

**Achievements**

- Generated Rs. 2 crores in sales/month
- Domestic presence and International presence in the US
- Received USD 7 million through external investment

**End users** - D2C and B2C



**Founders** - Aayush Rai  
Varun AV

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 8 Patents  
Granted

**Incubated at**

**IKP  
EDEN**

IKP EDEN, Bengaluru  
ikpeden.com  
ikpeden@ikpknowledgepark.com





## Product - DOZEE

**Problem Addressed** - Contact-free health monitor is a thin sensor sheet that, once placed beneath the mattress, tracks users' heart rate, respiration, sleep cycle, and stress levels while they sleep.

## Product details

**Description** - AI algorithms track the patient's vital trends and generate an Early Warning Score enabling early detection of health deterioration for timely medical intervention to provide unmatched patient safety. The parameters monitored are: (a) DEWS Score (b) Heart Rate (c) O2 Saturation (d) Stress (e) Sleep Apnea Index (f) Cardiac Performance Matrix.

**Application** - Contactless, continuous remote patient monitoring (RPM) in hospitals and at home, delivering unparalleled patient safety and maximizing utilization of ICU beds.

**Value Proposition** - 94.8% accurate when compared to gold standards; real-time monitoring

## Achievements

- 368 Hospitals, more than 1 lakh patients were monitored
- Received external investments of ~Rs. 130 crores from various Venture Capitalist (VC) and Angels

**End users** - Jayadeva Institute of Cardiovascular Sciences & Research, Sparsh Hospital, NIMHANS



**Founders** - Mudit Dandwate  
Gaurav Parchani

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 2 Patents  
Granted

**Incubated at**  
**IKP**  
**EDEN**

IKP EDEN, Bengaluru  
ikpeden.com  
ikpeden@ikpknowledgepark.com



**Product** - MOBILAB-AFFORDABLE IOT ENABLED SMART MULTI DIAGNOSTIC DEVICE FOR CHRONIC DISEASES DETECTION

**Problem Addressed** - Noncommunicable diseases affecting the kidney, liver, heart, pancreas, and other organs kill 70% of people. These diseases have rare symptoms that, if detected early, can be treated with proper medicine in primary care. However, more than 50% of diagnoses are made at a later stage. Establishing a laboratory setup in rural and semi-urban areas is not economically viable for diagnostic companies. In this case, the solution is a point-of-care diagnostic solution that is low-cost, portable, and accessible for instant diagnosis.

### Product details

**Description** - Nanotechnology principles have been used for antibody conjugation to improve detection sensitivity for better accuracy, reduced detection steps, and improved kinetics to reduce testing time. As internet and mobile phone usage are on the rise, the entire system is moved to the cloud, and all the tests and calculations are performed using the processing power of mobile phones.

**Application** - The device can be used as a point-of-care device for kidney function tests, liver function tests, heart function tests, and pancreatic function tests.

**Value Proposition** - Device is affordable, portable, easy to operate, multilingual, battery operated, modular, and provides instant results with few drops of blood/urine. A dedicated mobile application has also been developed for clinicians/technicians with data processing using algorithms and data analysis to predict health parameters.

### Achievements

- External funding of Rs. 50 lakhs from BIRAC BIG Grant, Rs. 25 lakhs from BIRAC SEED fund, Rs. 25 lakhs from Pontaq Venture & STPI, Rs. 33 lakhs from MeiTY SASACT, and Rs. 25 lakhs from Villgro

**End users** - In-house patients, Government agencies, hospitals, insurance providers, local medical centers



**Founder** - Sahil Jagnani

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Portable Cuvette-based Reagent Mixer; portable low-powered optical system for colorimetric analysis and characterization

**Incubated at**



KIIT-TBI, Odisha  
kiitincubator.in  
tbi@kiitincubator.in





**Product** - CEREBO<sup>®</sup>-PORTABLE INTRACRANIAL BLEED DETECTION DEVICE

**Problem Addressed** - 50 million people become victims of Traumatic Brain Injury (TBI) every year in the world. Around 60% of them never return to normal life, not because of a lack of treatment but because of the delay in detection. Hence, TBI is associated with very high mortality and disability rates. To overcome the issue, Bioscan Research has developed a handy, non-invasive, based on NIR spectroscopy, completely harmless, and fully computerized system for detecting intracranial hemorrhage in 2 minutes. These characteristics make it ideal to be used as a screening device.

### Product details

**Application** - Cerebo<sup>®</sup> is a point-of-care screening device for quick detection of intracranial hemorrhage. It helps in the early detection of intracranial hemorrhage, triaging patients, and receiving timely care.

**Value Proposition** - Fast detection; periodic screening without any side effects; operating ease; portable; fully computerized; affordable for mass adoption

### Achievements

- ISO 13485:2016 Certification Received
- Successful Completion of Clinical Trials at renowned Government hospitals
- Product Testing (EMI-EMC) Completed

**End users** - First response sites/primary markets, like Hospitals, Ambulances, Trauma Centres, PHC/CHC, Injury-prone sites/secondary market, Defence Camps, Sports Clubs, Old Age Homes, etc.



**Founders** - Shilpa Malik  
Anupam Lavania

**Technology Readiness Level (TRL)** - 6

**Intellectual Property** - 8 Indian Patents Filed, 3 US Patents Filed, 3 PCT Filed, 4 Indian Patents Granted

### Incubated at



iCreate (International Centre for Entrepreneurship and Technology),  
Ahmedabad, Gujarat  
[icreate.org.in/](http://icreate.org.in/)  
[info@icreate.org.in](mailto:info@icreate.org.in)



**Product - PHARMA PRODUCTS**

**Problem Addressed -** Cost-effective manufacturing of high-quality Pharma products

### Product details

**Description** - Over 60 products in 100 + countries.

**Application** - Generic Formulation (FDF), CDMO-Synthesis, Generics-API, animal origin free recombinant products

**Value Proposition** - International quality control across production, In-house expertise

### Achievements

- 200k liters fermentation capacity
- 9 Manufacturing plants
- 5700 employees
- Manufactures nearly 50% APIs of retroviral for the developing countries



**Founder -** Dr Satyanarayana Chava

**Technology Readiness Level (TRL) - 9**

**Intellectual Property -** 315 filed (184 patented)

### Incubated at



IKP Knowledge Park, Telangana  
ikpknowledgepark.com  
lsi@ikpknowledgepark.com





**Product** - PHEEZEE

**Problem Addressed** - Post physiotherapy monitoring device to cater to the needs of patients and physiotherapists.

### Product details

**Description** - Pheeze is a monitoring and tracking device that can track the functional recovery of patients undergoing physiotherapy using biofeedback, assisting physiotherapists in the correct diagnosis and treatment, leading to faster recovery.

**Application** - Monitoring and tracking the recovery of patients undergoing physiotherapy.

**Value Proposition** - Remote monitoring when the patient is not in rehab; report generation and sharing with doctors and caretakers; incremental recovery data.

### Achievements

- Received external investments of Rs. 200 lakhs
- Validation published in International Conference

**End users** - Physiotherapists, Patients



**Founders** - Mythreyi Kondapi  
Suresh Susurla

**Technology Readiness Level (TRL)** - 8

**Intellectual Property** - 1

### Incubated at



IKP Knowledge Park, Telangana  
ikpknowledgepark.com  
lsi@ikpknowledgepark.com



**Product - ALFRED**

**Problem Addressed** - Instant claims auto-adjudication; connecting health system for OPD, health consulting, wellness, mental health; health financing; disease management

**Product details**

**Description** - Alfred is an AI-based data-driven health tech infra. It is a platform for patients, hospitals, clinics, and insurers.

**Application** - Alfred is an AI-based end-to-end health platform for patients, and payers with unified technology for instant claims, Outpatient Department (OPD), wellness, and mental health. The system provides technology infra to file for claims, get OPD from hospitals, manage the disease, and health recommendations, assess health risks, claim auto-adjudication, and health financing at scale in real-time.

**Value Proposition** - Automated risk assessment and auto-adjudication; 15000+ hospital network; instant claims; health card and health financing

**Achievements**

- 3+ Insures (1000+ hospitals)
- 10% Month on Month growth
- Received external investments

**End users** - Hospitals, TPA, Patients, Clinics, Insurers

**Founders** - Layak Singh  
Puneet Tandon

**Technology Readiness Level (TRL)** - 7

**Intellectual Property** - 3 Patents

**Incubated at**



Jain University Incubation Centre,  
Bengaluru  
jainlaunchpad.com  
info@jainlaunchpad.com





**Product** - SMART SCOPE® CX, A HAND-HELD SYSTEM FOR SINGLE-VISIT DETECTION OF UTERINE CERVICAL CANCER

**Problem Addressed** - Cervical cancer kills approximately 1 lakh Indian women annually due to detection at a late stage. Current screening methods are subjective, require a lot of repeated capacity building, multi-visit, are not scalable, and are expensive. The countries like India need an efficient, single-visit, scalable, and easy-to-implement cervical cancer screening method.

### Product details

**Description** - Smart Scope® CX is a hand-held device with an AI-enabled telehealth system for single-visit detection of cervical cancer at the point of care. The health worker-friendly system enables a 7-min test, thus ensuring a high throughput even in low-resource settings. The patented product is available on GeM.

**Application** - Smart Scope® CX enables a 7-min test and screening at scale. Thus, it is possible to cover 70% of the eligible population per WHO's requirement for eliminating cervical cancer by 2030. The handiness of the device helps in high usage even in low-resource settings. The image analyser software guides the staff in triaging (independently or with a remote expert review) and facilitates a screen-and-treat approach recommended by WHO. The patented product is available on GeM.

**Value Proposition** - Handy, nurse-friendly design resulting from strong field experience and co-development with end users; 90%+ accurate results in 5 minutes due to AI developed with lakhs of images from clinical studies

### Achievements

- 200+ installations
- Going global - upcoming in Africa, UAE, SEA
- 10 times revenue growth in 3 years
- Received equity funds of Rs. 4.4 crore

**End users** - ICMR, MoHFW centers ranging from PHCs to District Hospitals, RCCs, Private Clinics and Corporate Hospitals, NGOs, Medical Colleges



**Founders** - Veena Muktali  
Koustubh Naik

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 2 patents granted and 2 registered trademarks

### Incubated at



Entrepreneurship Development Center  
(Venture Center), Pune  
venturecenter.co.in  
managerincubator@venturecenter.co.in



**Product - ILLUMINATE®**

**Problem Addressed** - Globally acute, chronic, and traumatic wounds affect more than 500 million people. Annually 280 million wound care procedures are done. Unfortunately, 70% of wounds delay healing due to infections and vascular issues.

**Product details**

**Description** - Illuminate is the first ever imaging device that is a rapid, label-free, multispectral fluorescence device that can detect and classify gram types of bacteria and a few fungus non-invasively in less than 2 minutes on wounds.

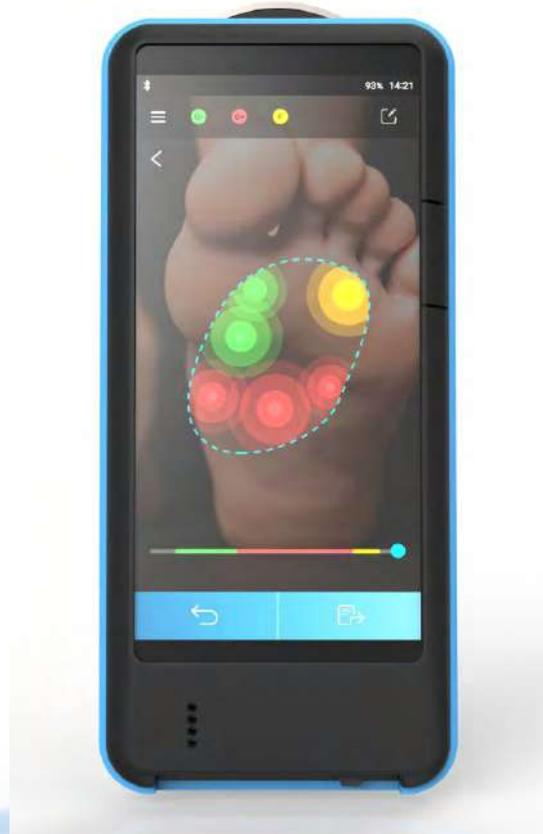
**Application** - Wound infection assessment and monitoring

**Value Proposition** - 100 times reduction in time of infection screening; improved wound healing outcomes by 3 times; targeted first-line treatment, debridement, and cleaning

**Achievements**

- 15+ Deployments
- ISO13485:2016 manufacturing facility
- Menterra Venture Funds and Lesing Artha Ltd. investment

**End users** - Single-owner wound clinics, multi-specialty hospitals, government hospitals plastic surgeons, vascular surgeons, podiatrists, general surgeons, wound care nurse



**Founder** - Geethanjali Radhakrishnan

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 patent granted, 5 applied

**Incubated at**



Entrepreneurship Development Center (Venture Center), Pune  
venturecenter.co.in  
managerincubator@venturecenter.co.in



**Product - AYUSYNK**

**Problem Addressed** - Heart and lung sounds are used to assess the patient's condition. However, the transmission of real-time heart and lung sounds for telemedicine applications is difficult with existing stethoscopes.

**Product details**

**Description** - Developed digital stethoscope enables recording and real-time transmission of heart and lung sounds that can be amplified and used in remote settings as well as for telemedicine applications.

**Application** - Electronic stethoscope to record and transmit amplified real-time heart and lung sounds that can be used in remote settings and also for telemedicine applications.

**Value Proposition** - Real-time transmission of heart and lung sounds; noise cancellation; Bluetooth enabled

**Achievements**

- 5,500 units deployed
- Generated cumulative revenue of more than Rs. 8 crore
- Received around Rs. 2.80 crore funding from various sources

**End users** - Doctors, government, and telemedicine companies

**Founders** - Adarsha K  
 Tapas Pandey

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 patent granted and patented in 60 countries



**Incubated at**



SINE IIT Bombay  
[sineitb.org](http://sineitb.org)/  
[sine@sineitb.org](mailto:sine@sineitb.org)



**Product** -  $\Omega$ TB<sup>®</sup> (Omega TB)

**Problem Addressed** -  $\Omega$ TB<sup>®</sup> is most critical for India to achieve TB elimination by 2025. It is one of the first genomic test used by private and public health systems at a lower cost than all current alternatives.  $\Omega$ TB<sup>®</sup> can potentially make India achieve universal Drug Susceptibility Testing (DST) for all TB patients, thereby making India a global leader in genomics.

### Product details

**Description** -  $\Omega$ TB<sup>®</sup> provides early and comprehensive detection of the drug resistance profile of 18 anti-TB drugs using whole genome sequencing.

**Application** -  $\Omega$ TB<sup>®</sup> is a “*Make in India*” genomic test for TB patients in India. After using  $\Omega$ TB<sup>®</sup> in less than a year, 1000s of patients have been given personalised anti-TB therapy for improved therapy outcomes, reduced transmission of drug-resistant TB, and enabled several diagnostic service providers to offer genomic diagnostics at affordable prices.  $\Omega$ TB<sup>™</sup> is a B2B product from Haystack, used by most of India’s extensive diagnostics service providers.

**Value Proposition** - Detection of drug resistance profile of 18 anti-TB drugs

### Achievements

- Launched with 25+ partners covering 10,000+ pin codes
- Market capture: >99%
- Revenue: Rs. 3 crores
- Received external funding of Rs. 5.5 crore

**End users** - Diagnostics Labs and hospitals. Some of India’s leading diagnostic labs such as Metropolis, Thyrocare, SRL, and hospitals such as AIIMS, DY Patil, and Apollo



**Founders** – Anirvan Chatterjee  
Gaurav Srivastava

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Provisional Patent Filed

### Incubated at



SINE IIT Bombay, Mumbai  
sineitb.org/  
sine@sineitb.org



**Product** - EASYNAV NEURO NAVIGATION SYSTEM

**Problem Addressed** - Complex surgeries rely on CT/MRI film anatomy interpretation in relation to actual patient anatomy during surgery. These interpretations could be incorrect, resulting in fatal outcomes. The traditional method is “cut then see.”

### Product details

**Description** - easyNav is a surgical guidance system that provides the real-time location of the surgeon’s instrument on the patient with respect to the patient’s CT/MRI images. This ensures the interpretation of anatomy in millimeter accuracy. Now, the approach is “See then Cut”.

**Application** - easyNav is a computer-assisted surgery system used in brain and spine surgeries to guide the surgeon in real-time like a navigation system. It helps them to plan and execute operations effectively and get consistent clinical outputs. It is India’s first surgical navigation system and is well accepted in the market.

**Value Proposition** - Less consumable; cost-effective; rated as the most simple system to use the system consistently.

### Achievements

- Fastest selling in private hospitals in India
- 50+ Indian and 2 International installations
- ~100% year-on-year growth observed in last 3 years despite tough market conditions

**End users** - 50 + hospitals, including private, government, and international



**Founder** - Arpit Paliwal

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 3 Patents Filed

### Incubated at



IIM CALCUTTA  
INNOVATION PARK

IIM Calcutta Innovation Park,  
Kolkata

[iimcip.org/](http://iimcip.org/)

[subhrangshu.sanyal@iimcip.org](mailto:subhrangshu.sanyal@iimcip.org)



## Product- FRACTO AID

**Problem Addressed** - Failure to treat fractures in pre-hospital care causes neurovascular injury, muscle spasms, and pain that can result in lifelong disability or death. Pre-hospital care in the golden hour can prevent or reduce the severity of fatal fracture injuries, which would otherwise result in lifelong disability/death.

## Product details

**Description** - MediAsha is an innovation-driven startup led by passionate young people, focusing on developing novel medical devices that adhere to regulatory specifications, quality, and patient comfort with a high impact on society yet at an affordable price. FractoAid is a ready-to-use orthopaedic splint that immediately immobilises fractured limbs in less than 5 minutes. It is a hybrid composite material integrated pack with built-in hook-loop fastener straps for added security.

**Application** - FractoAid is a ready-to-use orthopedic splint for early and instant immobilization of fractured limbs in just 5 minutes. FractoAid restricts the movement of the injured limb and allows the injured area to heal properly, accommodates muscle swelling, and prevents further limb-threatening. The outer layer in contact with the skin is biocompatible, breathable, and provides cushioning to the patient. The 3-step application process DIP-SQUEEZE-WRAP makes it user-friendly.

**Value Proposition** - FractoAid is an integrated pack of hybrid composite materials with built-in hook-loop fastener straps for better securement. FractoAid is a patented ready-to-use product and only requires water for the hardening of the splint. The 3-step application process DIP-SQUEEZE-WRAP makes it user-friendly. It adapts to the specific areas of the patient's extremities.

## Achievements

- Biotechnology Ignition Grant worth Rs. 50 lakh from BIRAC
- Winner of PHC Tech Challenge 2021 organized by PATH Global
- Most Promising Innovation Award in IKMC 2018 conference organized by IKP Hyderabad

**End users** - Hospitals, Emergency Response Kit, PHCs, Military, Sports, Industries, etc.



**Founders** - Mayur Sanas  
Komal Sanas

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Patent for "ORTHOPAEDIC HYBRID PLASTER SPLINT", 2021

## Incubated at



COEP's Bhau Institute, Pune  
bhau.org  
manager.bhau@coep.ac.in



## Product - SITWALKER

**Problems Addressed** - Large numbers of people who sit for a long duration daily face blood stagnation in their legs as the calf-muscle pump movement, essential for sending blood back to the heart, is missing. This leads to a multitude of problems like varicose veins, DVT, leg swelling, irritability, eczema, delayed healing of foot ulcers, etc. Blood clots in the leg are also known to be fatal.

## Product details

**Description** - SitWalker is a motorized footrest that can be used without dedicated time in the home office while sitting in a chair to avoid blood stagnation in the legs. This leads to a reduction in varicose veins, faster healing of diabetic foot ulcers, reduced probability of DVT, reduction in foot swelling, improved healing of eczema, reduced irritability, etc.

**Application** - Sushrut Designs Pvt Ltd. is engaged in augmenting and supporting many functions of the human body which are compromised due to modern sedentary lifestyles. The product resolves physiological problems and positively affects emotional, psychological, economic, and business spaces. The company collaborates with practicing surgeons and doctors to understand the root causes of various modern lifestyle ailments and addresses them through engineering expertise. The company designs products intending to support and enhance the original functions of the human body rather than replacing them. The products are backed by strong medical knowledge and extensive research.

**Value Proposition** - Does not require dedicated time or manual effort to maintain blood circulation in legs while sitting, thus avoiding blood clots in the leg and other problems; Mind is free to concentrate on work.

## Achievements

- Received the Siemens-BHAU award
- Selected by NSRCEL, IIM-Bangalore, for conducting clinical trials
- Collaborated with Narayana Hrudayala (TBI) for clinical trials

**End users** - People living a sedentary lifestyle, sitting (desk workers or senior citizens), standing for a long time (factory workers, police officers, teachers)



**Founders** - Atul Kherde  
Dr Shilpa Gosavi

**Technology Readiness Level (TRL)** - 8

**Intellectual Property** – Patent granted in India, PCT filed in US/EU

## Incubated at



BHAU Institute, COEP, Pune  
<https://bhau.org>  
manager.bhau@coep.ac.in



```
#define ASM_VMX_VMREAD_RDX_RAX
```

```
".byte 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01, 0x00
```

```
static __always_inline unsigned long vms_read(unsigned long va
```

```
{
    unsigned long va
```

```
asm volatile ( __ex_clear(ASM_VMX_VMREAD_RDX_RAX, 0)
               : "=r"(value) : "r"(value) : "cc", "memory" );
```

```
return value;
```

```
}
#include <stdint.h>
uint32_t vms_read(uint32_t va, uint32_t *val)
```

```
uint32_t vms_read(uint32_t va, uint32_t *val)
{
    int i;
    for (i = 0; i < 4; i++)
        val[i] = vms_read(va + i * 4);
}
```



**INFORMATION TECHNOLOGY**





Startup Name
Sunpact Technologies Pvt Ltd.
Intiot Services Pvt Ltd.
Legalkart Gurugram
Uncanny Vision Solutions Pvt Ltd.
Mring Technologies LLC
Iamneo, Coimbatore
Skava Systems Pvt Ltd.
Powerupcloud Technologies Pvt Ltd.
Corover Pvt Ltd.
Aumsat Technologies LLP
Tweek Labs
Wisig Networks Pvt Ltd.
Detect Technologies Pvt Ltd.
AI on Asset Arcturus Business Solutions Pvt Ltd.
Innobit Systems Pvt Ltd.
Hachimichi
Flytbase Labs Pvt Ltd.



**Product** - THE SOLAR LAB

**Problem Addressed** - Inefficient solar unit installment in domestic and industrial areas.

### Product details

**Description** - Using advanced computer vision techniques to automatically analyze your house and design the ideal system for you. TSL is also developing tools for this which can eventually be used by solar installation companies.

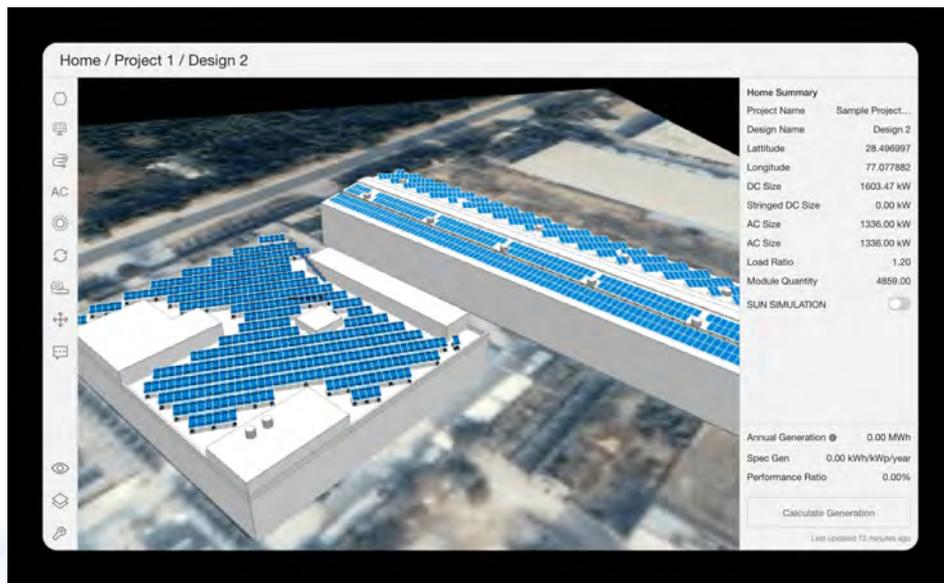
**Application** - TSL is enabling solar vendors through image technology for the process of site surveys and capacity analysis for faster, better, and less costly solar installation.

**Value Proposition** - Use of computer vision techniques to make solar installation efficient and cost-effective.

### Achievements

- Generated revenue of Rs. 120 lakhs
- Domestic presence
- Received investment of Rs. 99 lakhs

**End users** - Solar installation companies, Individuals installing solar systems



**Founder** — Siddharth Gangal

**Technology Readiness Level (TRL)** - 9

### Incubated at



IIT Mandi Catalyst, Mandi,  
Himachal Pradesh  
iitmandicatalyst.in  
iitmandicatalyst@gmail.com



**Intiot Services Pvt Ltd., Himachal Pradesh**  
iiots.in



**Product** - LANDSLIDE MONITORING AND EARLY WARNING SYSTEM

**Problem Addressed** - Landslides cause significant infrastructure damages and deaths. A landslide monitoring and early warning system was developed to address this problem. This system is solar-powered, real-time, self-reliant, cost-effective, low maintenance, robust internet connectivity via GSM and LoRa technologies, and portable. It can be deployed and redeployed post-disaster. Several installations have been carried out in Himachal Pradesh (HP) and Uttarakhand, and at Kotropi (HP), the system was able to warn people in time, saving lives. Three MoUs have been signed to install this system in different districts of HP.

### Product details

**Description** - The system provides soil movement alerts ahead of time both locally via hooters and blinkers installed on the road and remotely via SMSes on the phone. It also alerts for significant rainfall (prediction of more than 5 mm of rain with more than 80% chance). The system is being developed for commercial purposes via a faculty-led startup, Intiot Services Pvt Ltd., India. The system can predict extreme weather events and soil movements through AI/ML applications. 20+ systems have been deployed in Mandi district, HP, 3 systems in Balianala, Uttarakhand, 3 systems in Dharampur along the Kalka-Shimla track of the Indian Railways, and 3 systems in Sirmour district, HP. The system cost is less than 1/200th of a conventional geotechnical monitoring system, which does not generate warnings or aid prediction options.

**Application** - Low-Cost Landslide Monitoring and Warning System

### Achievements

- Generated revenue of Rs. 20 lakh

**End users** - District Administration, Mining Authorities



**Founders** - Dr Varun Dutt  
Dr KV Uday

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** – 4 Patent filed

### Incubated at



IIT Mandi Catalyst, Mandi,  
Himachal Pradesh  
iitmandicatalyst.in  
iitmandicatalyst@gmail.com



## Product - LEGALKART

**Problem Addressed** – Affordable, 24x7 access in more than 10 Indian languages with audio and video calls for legal advisory

### Product details

**Description** - 100% in-house developed audio and video call technology and algorithm to identify appropriate lawyer for a consumer requirement on mobile app and website.

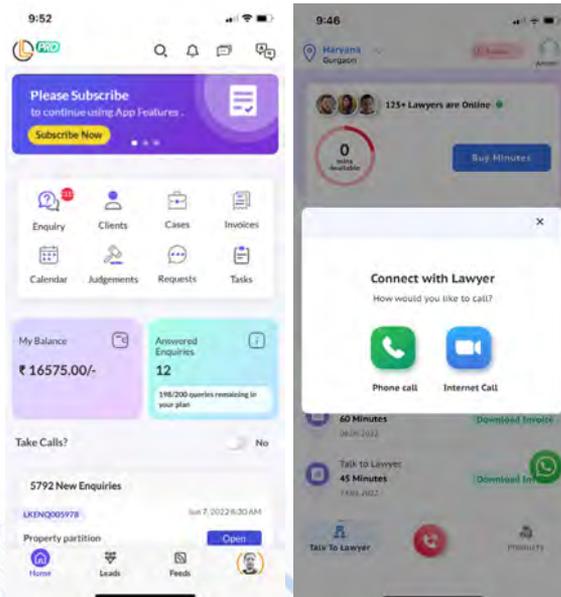
**Application** - An instant legal consultation/advisory with practicing lawyers is available on the LegalKart Practice management App. The call will be a video or audio call with consultation available in 10 Indian languages. Affordable legal support is available on the platform 24x7 with more than 10,000 registered Lawyers on LegalKart App.

**Value Proposition**– Affordable and accessible legal support and advice; Virtual law office for lawyers; High entry barrier model and trusted branding.

### Achievements

- 4 lakh minutes sold; 1.6 lakh customers served; 10,000 lawyers at more than 900 locations in India
- Receiving calls from 20 countries, including USA, UK, Middle East, and Australia
- Growth of 15% in last 12 months
- Received external investments from IIM Udaipur, Mumbai Angles, Aishwarya Rai Bachchan's family office, Avietas Capital, and other Angel investors

**End users** – More than 1.6 lakh end users served with legal advice, documentation, and other legal support services so far. Ola cabs, Zoom Car, Rivigo, and Shadowfax, are the corporates being served by LegalKart.



**Founders** – Dr Arvind Singhatiya  
Partha Sen

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Registered Trademark under more than 9 classes.

### Incubated at



IIM Udaipur Incubation Centre,  
Udaipur, Rajasthan  
iimuic.org/  
incubation@iimu.ac.in



**Product** - UNCANNY ANPR (AI-BASED NUMBER PLATE RECOGNITION)

**Problem Addressed** - The unique AI technology enables ease in number plate recognition even during low visibility times, including dirty number plates at high speed.

**Product details**

**Description** - Uncanny Vision’s deep learning algorithms enable recognition identification and prediction, improving business operations, customer service, and site safety.

**Application** - Uncanny ANPR is an end-to-end AI-based NPR (ANPR/LPR) system that consistently delivers very high accuracy even in challenging conditions with fast-moving vehicles, different fonts, dirty number plates, and difficult camera angles.

**Value Proposition** - High accuracy deep learning model; Service Level Guarantee (SLA); Open API for integration with any VMS or 3rd Party Application; Plug and Play

**Achievements**

- Acquired by Eagle Eye Network in 2021
- Winner of RAISE 2020
- Recognized as Top 10 Computer Vision Company in India by Analytics Insight
- Recognized as Top 9 AI Startups in India by Great Learning
- Featured in CISCO Launchpad newsletter

**End users** - Honeywell, Bosch, TATA Steel, SYNCOM, FlashParking, TOYOTA, TICKETECH, RENESAS, MERCEDES-Benz

**Features**

- High accuracy deep learning model**: 99+% detection/count accuracy, 98+% read accuracy
- Service Level guarantee (SLA)**: Accuracy, Up time, Remote IoT monitoring service
- Supports various license plate types**: Standard & non-standard, Dirty and broken with various fonts & font sizes
- Supports various use cases**: Stop & go and free-flow, Unidirectional & Bi-directional, Multiple lane view
- User-friendly UV dashboard**: Cloud or local options, Database with white-listing & blacklisting, Customized report generation
- Supports various Processing Architectures**: Low cost edge, Server or Cloud
- Open API for integration**: Supports HTTP/JSON-based Rest API, Flexible Push or Pull API interfaces, "Postman" Collections provided
- Plug and Play**: 100% Remote Configuration & Management, Works with low-bandwidth networks, Low power consumption

**Uncanny Vision Solutions Pvt Ltd (Headquarters)**  
#19 Girserv, Behind Leela Palace, Kodihalli, Bengaluru, India, 560008

India . Japan . USA

sales@uncannyvision.com | www.uncannyvision.com

**Founder** - Ranjith Parakkal

**Technology Readiness Level (TRL)** - 9

**Incubated at**



Global Incubation Services,  
Kodihalli, Bengaluru  
ginserv.in  
connect@ginserv.in



**Product - SPINTLY - SMART ACCESS**

**Problem Addressed** - Spintly is transforming the physical security industry with its wireless, cloud-based access control system. It simplifies the process of deploying an access control solution in any building with absolutely no wirings, saving more than 60% of time and cost.

**Product details**

**Description** - Spintly through its product "SMART ACCESS" allows easy and secure entry to the modern workplace area. It enables people to unleash the power of their smartphone by converting it into a smart access card. Spintly-Smart Access is easy to install, adapt, and use through its fully wireless back-end system, eliminating the need for wired Weigand standards.

**Application** - Spintly is an award-winning startup offering solutions to various industry segments with its wireless access control hardware and cloud-based software. Spintly provides various software solutions, such as a Time and Attendance system, Wireless Access Control for large and small businesses, and Contactless Visitor Management.

**Value Proposition** - Fully Wireless mash for the access control system.

**Achievements**

- Generated revenue of more than Rs. 2 crores to date
- Based in India and US
- Proliferated and generated 60+ job opportunities
- Raised an external investment of Rs. 6.5 crores

**End users** - Offices, Hospitals; currently has 100+ customers, including P&G, OYO, L&T Realty, Siemens, etc., with 15000+ users

**Founders** - Rohin Parker  
Malcolm DSouza

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 3 Patents Filed

**Incubated at**



Centre For Incubation and Business Acceleration, Goa  
ciba.org.in  
info@ciba.org.in





**Product - IAMNEO**

**Problem Addressed** - As of 2021, the global IT talent shortage already amounts to 40 million skilled workers worldwide. On the other hand, the demand for skilled IT talent is skyrocketing. The Global IT Services market is expected to reach USD 1123.57 billion by 2026, growing at a CAGR of 8.02% from 2021-2026. Over the decade, there will be around 189200 openings for software engineers each year. This has created a talent trough, and there is a need for a solution that can enable IT upskilling.

**Product details**

**Application** - iamneo is a developer upskill platform, enabling a collaborative learning process through pods that solve job suitability through deep analytics for enterprises at scale.

**Achievements**

- Current growth of 149% year-on-year
- Profitable with Rs. 10.14 crores revenue in FY22
- Won the startup Dhruv award from Dr Nirmala Sitaraman, Honourable Finance Minister, Government of India

**End users** - Capgemini, Virtusa, L&T Infotech, Hexaware, Latenview Analytics, and 35+ Corporate customers; Top NIRF Universities like PSG Tech, VIT, CMRIT, BITS Pilani, and 100+ University customers

**Founder** - TP Senthil Kumar

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Software product

**Incubated at**



PSG STEP, Coimbatore,  
Tamil Nadu  
psgstep.org  
step@psgtech.edu





**Product** - INTERNET SOFTWARE AND MOBILE APPS

**Problem Addressed** - Business/Productivity Software, IT Consulting and Outsourcing

### Product details

**Description** - Operator of an online platform committed to providing modern e-commerce capabilities to business clients. The company focuses on offering varied modular microservices architecture along with an array of rich and extendable front-end applications, admin layer, and back-end commerce support services, enabling its clients in the retail sector to build and manage an efficient and revenue-earning online market presence.

### Achievements

- Acquired by Infosys for USD 120 million

**End users** - Samsung, Apple, and other mobile manufacturers

**Founder** - Sudha KV

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Mobile Application



**Incubated at**



PSG STEP, Coimbatore,  
Tamil Nadu  
psgstep.org/  
step@psgtech.edu



## Powerupcloud Technologies Pvt Ltd., Coimbatore Acquired by L&T Infotech Ltd.



**Product** - CLOUDENSURE

**Problem Addressed** - Hybrid Cloud Conundrum, Unmanaged Access Control, Complex Regulatory Compliance, Potential Security Threats, Spiralling Cloud Cost, Alignment to cloud best practices.

### Product details

**Description** - CloudEnsure leverages Python, Java, VueJS, PostgreSQL, Elasticsearch, Redis.

**Application** - *CloudEnsure* is an autonomous cloud governance platform built to manage multi-cloud environments. It performs real-time compliance checks on all associated cloud accounts in a single place, giving a bird's eye view of the complete cloud portfolio with the ability to drill down for detailed insights.

**Value Proposition** - Centralized Cloud Governance platform.

### Achievements

- 20+ customers within the first year of market launch
- Presence in India, Singapore, US
- Overall growth of USD 0.5 million in 6 months

**End users** - Footprints in USA, Singapore, and Malaysia

**Founder** - Surendira Siva

**Technology Readiness Level (TRL)** - 8

### Incubated at



PSG-STEP, Coimbatore,  
Tamil Nadu  
psgstep.org  
step@psgtech.edu





**Product** - ASKDISHA 2.0 AND DIGISAATHI

**Problem Addressed** - 60% of customer service representatives do not have the correct data and lack training data. Also, most AI bots are incapable of sentimental analysis and providing service in the format of the users' choice and face long waiting hours in customer care. AskDISHA 2.0 and DigiSaathi reduce the long waiting hours in customer care, incomplete inauthentic information, and address poor customer service.

### Product details

**Description** - AskDISHA 2.0 answers queries about various services offered by IRCTC and helps users perform various transactions like end-to-end ticket booking. DigiSaathi is accessible on WhatsApp, social media, and calls to access information regarding digital payment products and services. Payments can also be made through feature phones.

**Application** - AskDISHA 2.0 (Digital Interaction to Seek Help Anytime) is an AI and ML-based Chatbot that answers queries pertaining to various services offered by IRCTC and even helps users perform various transactions like end-to-end ticket booking and more. DigiSaathi is accessible on WhatsApp for the customers to access all the information they need pertaining to digital payment products and services. DigiSaathi assists the users with all their queries on digital payments via the chatbot facility on WhatsApp, calls, and social media in English and Hindi.

**Value Proposition** - 10 times quicker TAT to deploy with more than 90% accuracy; 12 Indian/Vernacular and 100+ Foreign/International Languages across multiple channels; Human-Centric VideoBots®, VoiceBots, ChatBots (Text, Touch, Click), making users interact with the system the way one talks to another person.

### Achievements

- Generated revenue of more than Rs. 55 crores
- Domestic presence
- Growth of 10% year-on-year
- Received external investments of Rs. 3.35 crores

**End users** - AskDISHA 2.0: Citizens who book tickets for Indian Railways; DigiSaathi: Citizens who are using digital payment



**Founder** - Ankush Sabharwal

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - Multiple Intellectual Properties

**Incubated at**



DERBI Foundation, Bengaluru  
derbifoundation.com  
info@derbifoundation.com



**Product** - INTEGRATED GROUNDWATER DETECTION, TRACKING, PREDICTION, FORECAST, ESTIMATION, AND REMEDIATION FROM SPACE.

**Problem Addressed** - Exploring and locating a potential source of underground good quality water without a technology-driven approach is challenging. Conventional methods rely on expensive, time-consuming, and pseudoscientific 'water dowsing', resulting in a 72% chance of ending up in the dry well. Aumsat provides services for detecting, predicting, and forecasting underground water resources without physically being present in the field. Unlike conventional costly and time-consuming methods used in groundwater exploration, Aumsat's services can help detect groundwater zones at a high precision rate without physically being present on the field, thereby saving costs economically and logistically by 75%.

### Product details

**Application** - This technology combines various aspects of the atmosphere, land, and subsurface to detect the best spot for detecting groundwater. Additionally, the analytics used include interactive maps, user-friendly, digitally deliverable, remotely accessible analytics highlighting groundwater flow, groundwater budget, groundwater forecast, bio-geobotanical aspects, etc.

**Value Proposition** - Certified scientific method for groundwater discovery; Savings in cost by 90%; Precise location of potable groundwater source in drought-hit areas; Affordable technology for small farmers; Reduced NPA of banks and financial institutions.

### Achievements

- Generated revenue of Rs. 1.09 crores
- Presence in India, Spain, Uganda, France, Mauritius
- Overall growth to 3200 active users
- Raised external investments of Rs. 25 lakhs

**End users** - Irrigation Departments, Nationalized Banks, FPOs, NGOs, Gram Panchayats, Industries

**Founder** - Riddishh Soni

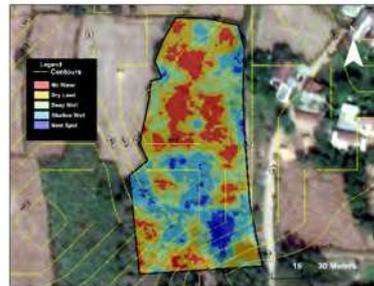
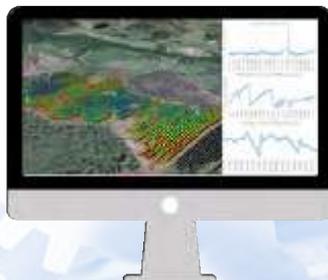
**Technology Readiness Level (TRL)** - 8

**Intellectual Property** - US Patent

### Incubated at



COEP's Bhau Institute, Pune  
bhau.org  
manager.bhau@coep.ac.in





**Product** - TWECK

**Problem Addressed** - Objective and scientific insights for sports coaching

### Product details

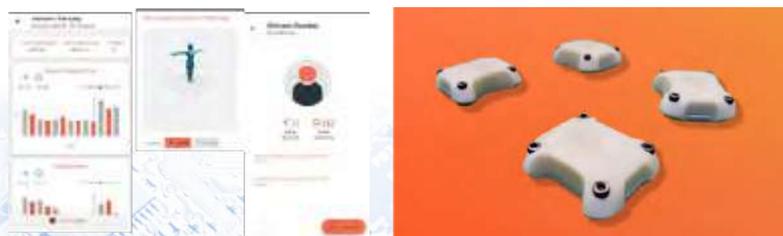
**Description** - The product is an easy-to-use motion capture suit with an AI that understands the users' motions and brings context to the movement. In sports, actionable metrics are created that define the technical traits of athletes and create objective reports that help these athletes and their coaches understand how to perform better.

**Application** - Motion capture sensors to analyse athlete motion and help in improving technique and performance.

**Value Proposition** - Provides real-time information with an easy to set up and cost-effective infrastructure, making the product much easier to use and making the life of coaches and players more efficient.

### Achievements

- 2000+ fast bowlers recorded, 10,000 balls bowled wearing the suit
- Received Rs. 5 lakhs in revenue since the launch in November 2021
- Product pitch telecasted on Shark Tank, raising awareness of the product and giving it immense reach and recognition; Received an offer from Sharks for Rs. 60 lakhs at 10% dilution
- Associated with the best fast bowling coaches in the world
- Received Rs. 35 lakhs as Scaleup Grant under TIDE 2.0 scheme of MeitY, enabled by IIITDIC



**Founders** – Anant Sharma  
Shwetank Shrey  
Ayush Kushwaha

**Technology Readiness Level (TRL)** - 7

**Intellectual Property** - Filed for IP in India, filed for PCT internationally

### Incubated at



IIITD Innovation Incubation Center,  
New Delhi  
iiitdic.in  
info@iiitdic.in



**Product** - NB IoT UE SoC, 5G NR Base Station

**Problem Addressed** - No indigenously developed 5G products in India

### Product details

**Description** - 5G NR Base Station: WiSig Networks offers 3GPP Release 15 compliant 5G New Radio (NR) base station PHY IP (FPGA and X86) and protocol stack that supports both sub-6 GHz and mmWave bands. The IP supports functional split 7.2x.

**Application** - WiSig Networks offers 3GPP 5G NR-based PHY and Protocol Stack. The IoT product line-up includes 3GPP Release 13/14 compliant Narrowband-IoT (NB-IoT), SoC that includes GNSS/GPS to support a wide range of IoT applications across different vertical use cases.

**Value Proposition** - Development of 5G IP blocks licensed to OEM.

### Achievements

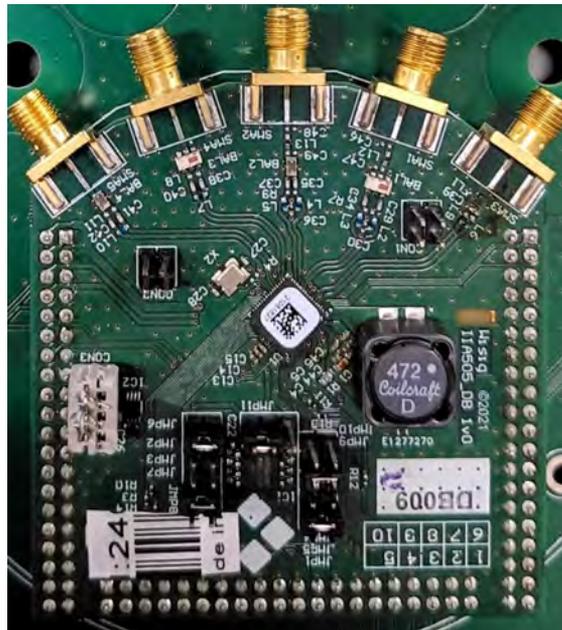
- Generated revenue of Rs. 20 crores

**End users** - 5G system integrators

**Founder** – Dr Kiran Kumar Kuchi

**Technology Readiness Level (TRL)** - 8

**Intellectual Property** - 23 patents filed



**Incubated at**



iTIC Incubator at IIT,  
Hyderabad  
itic.iith.ac.in  
office.itic@iith.ac.in





**Product** - T-PULSE, NOCTUA DAX, GUMPS, NOCTUA AI

**Problem Addressed** - Focuses on developing solutions for pipeline integrity and management.

### Product details

**Description** - Detect Technologies has created a suite of machine-vision-based applications designed to consume large amounts of visual data and deliver associated insights. These machine vision-based applications are also supported by traditional workflow-oriented automation, which can be plugged in to deliver end-to-end digitalisation of all plant process units.

**Application** - Detect Technologies uses computer vision and deep learning models for vision and numerical data. The platform itself has various modules for the end user at industries, such as the HSSE module for improving site safety, Schedule Control for Activity Progress Monitoring, Productivity Monitoring to know real-time occupancy, Inspection Module for analysing the integrity of equipment, Security and Surveillance Monitoring for 24x7 monitoring of large and spread out assets, Digital Container Terminal Operations Module for safety and productivity of container management at Ports and Turnaround Module for effectively managing maintenance and turnaround cycles in any industry.

**Value Proposition** - Most comprehensive industrial AI model library; Highest accuracy with design for industries; Real-time actionable intelligence; Modular and customizable easily; Fits within the existing infrastructure.

### Achievements

- Currently operating in 100+ large global sites, 2/3<sup>rd</sup> of which are Fortune 500, spread across 6 countries
- The company currently operates in India, USA, Canada, Singapore, Malaysia, and UAE in 14 sectors such as Oil & Gas, Chemical, Pharmaceutical, Cement, Fertilizer, Construction, Power, Renewable, Ports, Utilities, etc.
- The company has increased its recurring revenue 4-fold in the last 12 months
- Received external investment of USD 39 million since inception by Prosus Ventures, Accel, Elevation, Bharat Innovation Fund, and Bluehill Capital

**End users** - Major domestic and international industrial clients like Shell, Exxon, BASF, LNG Canada, BPCL, Tata Steel, Vedanta, Adani, etc.

**Founders** – Tarun Mishra  
Daniel Raj David  
Harikrishnan AS  
Karthik

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 11 patents filed

### Incubated at



IITM Incubation Cell, Tamil Nadu  
[incubation.iitm.ac.in/](http://incubation.iitm.ac.in/)  
[office@incubation.iitm.ac.in](mailto:office@incubation.iitm.ac.in)





**Product** - COMPUTER VISION-BASED ANALYTICS USING AI AND DEEP LEARNING

**Problem Addressed** - Computer vision-based AI analytical tool for inspection, security, and surveillance.

### Product details

**Description** - Arcturus is an amalgamation of experienced professionals from varied core sectors and an Artificial Intelligence & Digital background. Solving problems with Artificial Intelligence along with Digital & Strategic analytics can help companies optimise their operations and achieve enormous savings with minimum expense.

**Application** - Arcturus Business Solutions works in providing AI & Deeptech solutions to Energy and Infrastructure Sector, focusing on the following, a) Large asset monitoring & analytics to find defects for the maintenance using AI and deeptech on images & videos using cloud-based platform AIonAsset.com, b) Real-time detection of a breach in wearing safety gear at construction site through CCTV and IP cameras, c) Cloud-based Inspection Report Management System(IRMS) for the project inspections with entire dashboard for the MIS & analysis.

### Achievements

- Exclusive project with Tata group of Rs. 1.5 crore
- Turn-key vision-based projects with GAIL and BHEL

**End users** - GAIL, ONGC, HPCL, BHEL

**Founder** – Swati Tiwari

**Technology Readiness Level (TRL)** - 9

**Incubated at**



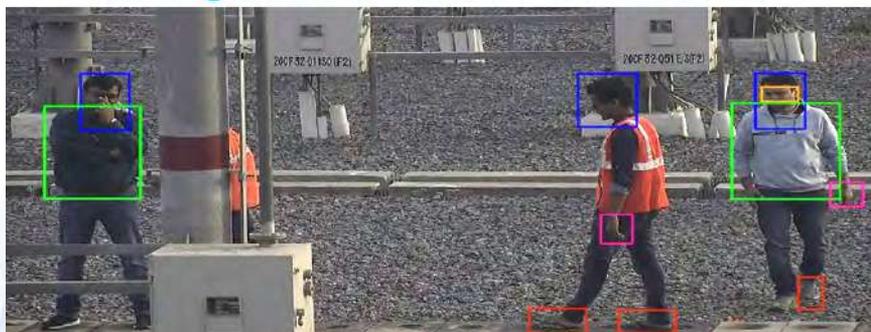
JSS STEP, Noida  
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info@jssstepnoida.org

Arcturus Business Solutions  Alon Asset

Real Time Image / Video Analytics  
for  
Construction & Operation Sector

*Enabling Intelligent Computer Vision Strategies to enhance Safety.*

Unlocking How Machines Can Learn To See Like Humans.





**Product** - CUSTOM SOFTWARE APPLICATIONS AND DEVOPS

**Problem Addressed** - A highly equipped team of engineers offer custom solutions to various industry-grade needs. The product has defined hundreds of templates to easily deploy software (firmware) solutions and provide technical consulting and CTO as a service.

**Product details**

**Description** - The company was created by a group of engineers who enjoy developing products. The team has developed and deployed highly complex software products and solutions for different verticals encompassing embedded, real-time databases, machine learning, and mobile applications.

**Application** - Bespoke complex software products and solutions for different verticals encompassing embedded, real-time databases, machine learning, and mobile application.

**Achievements**

- Generated 100+ employment
- Mostly offshore clients
- Turnover of Rs. 5 crore

**End users** - Offshore big MNCs and technology companies

**Founders** – Kanchan Gautam  
 Vivek Mudgil

**Technology Readiness Level (TRL)** – 9

**Incubated at**



JSS STEP, Noida  
 jssstepnoida.org  
 info@jssstepnoida.org



**OFFERINGS**

- Engineering Consulting
- Software Engineering
- Embedded
- Off-Shore Team (ODC)



**TECHNOLOGIES**

- IoT
- Cloud Computing
- AI/ML
- Multimedia



**APPLICATIONS**

- Android
- iOS
- Windows
- Linux
- Web



**VERTICALS**

- Consumer
- E-Commerce
- Healthcare
- Financial
- Supply Chain



**Hachimichi, Pune**  
hachimichi.com



## Product - SEATO'FRESH

**Problem Addressed** - Before sitting on a western toilet at restaurants, offices, airports, and hospitals, a user would use their hands to lift the seat up/down and clean it with water and tissues. This is an inefficient use of resources and gives an unpleasant experience to the user.

## Product details

**Description** - SeatO'fresh is an automated toilet seat retrofitted on any western commode. The seat is covered with biodegradable plastic. Upon the user's signal, this cover gets changed, and regardless of how dirty the previous user has left the toilet, the next user will always receive a fresh seat to sit on.

**Application** - Toilets are an integral part of human lives, and Hachimichi envisioned a future where toilets would become a source of daily health monitoring. Hachimichi started with SeatO'fresh, which creates a gateway towards this future. SeatO'fresh is a retrofitted toilet seat meant for the B2B market and solves the problem of labour-intensive yet unhygienic toilets. While it reduces inefficiencies at B2B places, it also exposes users to the possibility of technology in toilets.

**Value Proposition** - SeatO'fresh is retrofitted; It is sold as a service rather than a product through IoT.

## Achievements

- 3rd position at I2I IIM Calcutta ECell Start-up competition 2020
- Big-Leap Eco Start-up of the Year Award by SidAngel, 2021
- Winner of AYEL/ASIM funding by Govt. of India/ IFCI Ventures 2022
- Reporting Rs. 1.5 lakh MRR through 108 deployed prototypes

**End users** - Corporates: Goa Tourism Development Corp.; SBI Funds; Restaurants: Scores of 4+ star rated eateries in Pune

**Founder** – Pradeepkumar VS

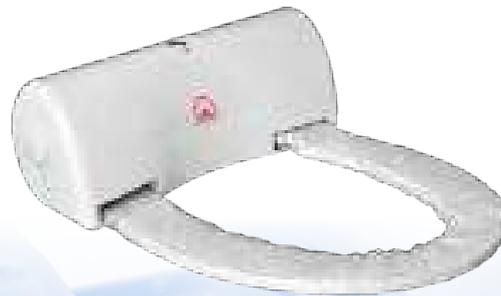
**Technology Readiness Level (TRL)** - 8

**Intellectual Property** - Filed 5 patents

**Incubated at**



Incubated at MIT TBI, Pune  
mittbi.org  
info@mittbi.org





**Product - FLYTBASE**

**Problem Addressed** - It takes months to build/configure drones for any real-world application. There is a lack of industry-grade developer tools that provide the core technology components and can be reused to build complex drone applications quickly. Besides, the developers continue to struggle with challenges like reliability, scalability, and robustness of their drone applications.

**Product details**

**Description** - FlytBase provides drone agnostic software solutions to automate and scale drone operations.

**Application** - This Internet of Drones Platform (IoD) allows easy deployment of intelligent drone fleets connected with cloud-based business applications. One platform for Unlimited Drone Applications such as Security & Surveillance, Survey & Mapping, Emergency Response, Construction Management, Asset Inspection, Drone Delivery, Warehouse Management, Mining & Metals. FlytBase, FlytCloud, FlytOS, FlytAI, Flytnow, Flytzip, FlytDock, and FlytCAS are different products developed for different applications.

**Value Proposition** - Allows easy deployment of intelligent drone fleets, connected with cloud-based business applications, one platform for unlimited drone applications

**Achievements**

- TieCon Silicon Valley Top 50 Startup
- NTT Data Global Champion Award 2018

**End users** - Industries catering to Security & Surveillance, Survey & Mapping, Emergency Response, Construction Management, Asset Inspection, Drone Delivery, Warehouse Management, Mining & Metals, etc.

**Founder** - Nitin Gupta

**Technology Readiness Level (TRL)** - 9

**Incubated at**



COEP's Bhau Institute, Pune  
bhau.org  
manager.bhau@coep.ac.in







# MANUFACTURING TECHNOLOGY



Startup Name
Fabheads Automation
Punto Corporation Pvt Ltd.
Strawcture Eco Pvt Ltd.
Agnikul Cosmos Pvt Ltd.
MiCob Pvt Ltd.
Admatic Solutions (Robochef)
Anscer Robotics Pvt Ltd.
Perfint Healthcare Pvt Ltd.
ideaForge Technologies Pvt Ltd.
Planys Technologies Pvt Ltd.
Atrim Electronics Pvt Ltd.



**Product** - FABMACHINES-CONTINUOUS CARBON FIBRE 3D PRINTERS

**Problem Addressed** - Additive manufacturing of components using advanced materials like carbon fibre is very expensive due to intensive labour and time-consuming process. It involves making a mould/tool for the component to be fabricated and requires very skilled manpower to lay up the carbon fibre. Carbon fibre is inaccessible to smaller companies due to various limitations, forcing them to use either heavy metals or weak plastics in their products to cut costs.

**Product details**

**Description** - FabMachines 3D printers use Fabheads patented Adaptive Tow Placement technology to integrate continuous carbon fibre into the 3D printing process. With this technology, 3D-printed parts can be reinforced with carbon fibre, making them 20 times stronger than a typical 3D-printed part, almost as strong as aluminium, and as lightweight as plastics. This technology can be used to manufacture complete drone frames, robotic components, and automotive components that require high strength but low weight.

**Application** - FabMachines are new-age 3D printers that can print with high-performance materials like carbon fibre and kevlar alongside thermoplastics like Nylon, Polycarbonate, and Acrylonitrile styrene acrylate (ASA).

**Value Proposition** - FabMachines can produce 20 times stronger parts than typical 3D printed parts and save 30% cost compared to traditional carbon fibre part manufacturing processes. They also produce 5 times faster lead times for parts.

**Achievements**

- Raised investments of over Rs. 13 crore
- Generated more than Rs. 1.5 crore revenue from over 50 clients across different sectors and countries
- Startup showcase in Defense and Technology Expo 2022



**End users** - Tamil Nadu Centre of Advanced Manufacturing (TANCAM), Devendra Auto Comps, Tata Advanced Systems, Adani, GE Healthcare, KPMG, ADA



**Founders** - Dhinesh Kanagaraj  
Abhijeet Rathore  
Akshay Ballal

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 9 Patents granted

**Incubated at**



Forge (Coimbatore Innovation and Business Incubator), Tamil Nadu  
forgeforward.in  
ceo@forgeforward.in



**Product** - SAFE ON POWER PURIFIER

**Problem Addressed** - Electrical Perils

### Product details

**Description** - CLM Technology (Current Leakage Management)

**Application** - Shock-free life, overload security, short circuit protection, voltage stabilizer, spike absorber

**Value Proposition** - Life-Saving Device

### Achievements

- Consistently securing steady customers
- Domestic presence
- 25% of overall growth
- External investment of Rs. 25 crores

**Founder** - Dharam Raj Bothra

**Intellectual Property** - 1 Patent  
Granted



### Incubated at



MNIT Innovation & Incubation  
Centre (MIIC), Jaipur  
miic.mnit.ac.in/  
miic@mnit.ac.in



## Product - AGRIBIOPANEL

**Problem Addressed** - Eco-friendly building materials are leftover wastes that arise from the harvest/growth of crops like wheat, rice, sugarcane, or coconut. In India, around 500 million tons of this agro-waste are produced annually, of which about 140 million tons are burned.

## Product details

**Description** - AgriBioPanels are compressed agri-fiber green panels. The panels come in 3 grades and thicknesses of 8 mm to 35 mm. The panels are 100% sustainable bio-based building materials that offer fast and cost-effective modular homes and living spaces.

**Application** - Strawcture Eco is a green building material company commercializing 100% sustainable products by compressed agri-fiber technology. Strawcture manufactures and sells construction materials made from agricultural waste such as bagasse, paddy straw, and wheat straw. Strawcture envisions to be a green construction product company with a goal to reduce embodied carbon emissions of the construction sector by 50%.

**Value Proposition** - The AgriBioPanel is eco-friendly, provides more thermal insulation than brick and mortar walls, is fire resistant for up to 2 hours, and is a sustainable source for construction.

## Achievements

- 25,000 sqft of construction completed, 2200 tonnes of stubble compressed
- Domestic presence in 11 states
- Growth of over 2 times year-on-year

**End users** - ICICI Infrastructures, Heritage Experiential International School, Jayadeva Hospital, and SELCO Foundation



**Founder** - Shriti Pandey

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 2 trademarks filed

## Incubated at



IIM Calcutta Innovation Park, Kolkata  
iimcip.org/  
subhrangshu.sanyal@iimcip.org



**Agnikul Cosmos Pvt Ltd., Chennai**  
agnikul.in



**Product** - AGNINBAAN (LAUNCH VEHICLE FOR MICRO-SATELLITES) AND AGNILET (3D PRINTED ROCKET ENGINE)

**Problem Addressed** - Agnikul has designed and built a product that makes space journey simple, quick, and affordable so that smaller satellites can be launched independently, eliminating the need to wait to be clubbed with bigger ones.

### Product details

**Description** - AgniKul is working on designing, manufacturing, testing, and launching orbital class rockets for micro-and nano-satellites.

**Application** - Customised launch vehicles for micro-satellites up to 100 kg payload for low earth orbits.

**Value Proposition** - Single piece, 3D printed rocket engines, first of its kind in the world; A customisable launch vehicle with a mobile launch pedestal that enables the capability to launch from any launch port in the world.

### Achievements

Received funding of Rs. 107.6 crores from Speciale Invest, Pi Ventures, Beenext, CIIE, Lets Venture, and Lion Rock

**End users** - B2B, B2G

**Founders** - Srinath Ravichandran  
Moin SPM  
Satya Chakravarthy

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 4 patents filed and 1 patent granted



### Incubated at



IITM Incubation Cell, Madras  
incubation.iitm.ac.in/  
office@incubation.iitm.ac.in





**MiCoB Pvt Ltd., Gandhinagar, Gujarat**  
micob.in



**Product - CONCRETE 3D PRINTER**

**Problem Addressed** - MiCoB has successfully demonstrated the applications of 3D concrete printing in the modular and rapid construction of structures for military and civil applications, making construction faster, safer, economical, less labour intensive and environment-friendly.

### Product details

**Description** - MiCoB focuses on bringing man-machine integration into the construction segment with its state-of-the-art 3D concrete printing technology. The company has successfully developed its in-house 3D concrete printers. Their printing ink and the required software package allow faster, economical, and quality-compliant construction.

**Value Proposition** - Automated, Flexible, Agile

### Achievements

- Catering to the Indian Army
- External investment of Rs. 3.67 crores
- Generated revenue of Rs. 10 lakhs in FY 20-21 and Rs. 90 lakhs in FY 21-22

**End users** - Indian defence, construction companies



**Founders** – Ankita Sinha  
Shashank Shekhar  
Rishabh Mathur

**Technology Readiness Level (TRL)** - 8

**Intellectual Property** - 3 patent applications filed by the Founders with IITGN

**Incubated at**

**IIEC**  
IIT GANDHINAGAR

IIEC IITGN, Gandhinagar  
iieciitgn.com  
iiec@iitgn.ac.in



## Admatic Solutions (Robochef), Chennai

robochef.com



### Product - ROBOCHEF

**Problem Addressed** - Access to skilled labour, especially for chefs, is problematic in India and abroad. Providing consistent customer taste daily is a challenge and hinders Food and Beverage businesses from scaling up. Also, managing and retaining cooks are tough for such businesses.

### Product details

**Description** - RoboChef is fully automated robotic kitchen cooking recipe with zero manual effort powered by robotics and AI. It is designed and made in India. Its commercial machine variants can cook from 5 serving(s) up to 10,000 servings in a single run and supports both *a la carte* and bulk cooking.

**Application** - Designed and made in India, fully automated robotic kitchen cooking recipes with zero manual effort powered by robotics and AI.

**Value Proposition** - RoboChef aims to be the most reliable solution to handle cooking complex dishes with no need for a skilled workforce to take both *a la carte* and bulk recipes powered by robotics, IoT, AI, and automation.

### Achievements

- Tech Crunch Global Top Pick 2019 - Berlin, Germany
- Gitex Dubai 2019 - India Innovation Cup Winner
- Demo Day Best Startup Title Award Winner - Startup Club, Bengaluru

**End users** - Indian Air force, Indian Navy, NGOs, Industrial caterers, Resto bars, Restaurants, Cloud kitchens



**Founders** – Hema Saravanan  
Saravanan Sundaramoorthy

**Technology Readiness Level (TRL)** - 9

### Incubated at



Vel Tech TBI, Chennai  
veltechtbi.com  
veltechtbi@veltech.edu.in



**Product** - ANSCER ENGINE & ANSCER AMR

**Problem Addressed** - Transportation of materials within the warehouse and factory floors is done manually. It is a tedious process and requires a lot of physical effort, and the operation's efficiency suffers by the end of the shift due to tiredness.

### Product details

**Description** - ANSCER Robotics has developed an autonomous mobile robot that can transport material from point A to B without human intervention or a predefined path.

**Application** - Autonomous mobile robots transport pallets or other objects from the start to end location as required. Transportation actions can be triggered either manually by an employee using an interface or automatically in case of integration with the user's Warehousing Management System (WMS) or another software platform.

**Value Proposition** - Modular robots; Hybrid models - AMR + AGV; Dynamic localisation

### Achievements

- Generated revenue of Rs. 1.6 crores
- Domestic presence
- 4 product variance, 18 customers, fortune 500 customers
- Sold 15 robots

**End users** - ARAPL, Rucha, Yantra, Memios, Wipro, etc.



**Founders** - Ribin Mathew  
Ebin Sunny

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 patent filed

**Incubated at**  
**IKP EDEN**

IKP EDEN, Bengaluru  
ikpeden.com  
ikpeden@ikpknowledgepark.com



**Perfint Healthcare Pvt Ltd., Chennai**

[perfinthealthcare.com](http://perfinthealthcare.com)



**Product** - PIGA CT

**Problem Addressed** - Enabling young physicians to perform minimally invasive biopsy procedures.

**Product details**

**Description** - Robotic assistance physicians in accurately targeting difficult-to-access lesions with fewer punctures, less radiation and faster procedure.

**Application** - A world leader in planning and targeting solutions for image-guided interventional procedures with an emphasis on oncology and pain care. Perfint's products are installed at some of the world's top hospitals and are CE marked. Radiologists worldwide use Perfint's Robotic solutions for image-guided interventional procedures like biopsy, drug delivery, ablation, drainage, fine needle aspiration, and varied pain care procedures for cancerous and non-cancerous pain.

**Value Proposition** - The outcome quality is consistent across users' varied experience levels.

**Achievements**

- Generated Rs.150+ crore revenue
- Received Rs. 150 crore as external funding

**End users** - Doctors (Cancer diagnostics)



**Founder** - Nandakumar S

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 3 USPTO Granted, 1 Indian Patent Granted

**Incubated at**



TBI@Kongu Engineering College,  
Tamil Nadu  
[tbi-kec.org](http://tbi-kec.org)  
[tbi-kec@kongu.ac.in](mailto:tbi-kec@kongu.ac.in)





## Product - SWITCH UAV

**Problem Addressed** - Lack of reliable last-mile surveillance solutions at difficult-to-reach border areas. Also, the lack of UAVs (Unmanned aerial vehicles) globally could function in all the varied terrains & environments of India. Lack and last mile infrastructure to facilitate conventional UAV deployments such as fuel stores, runways and trained pilots.

## Product details

**Description**- The product can perform Vertical Take-Off and Landing (VTOL), a flight time of over 2 hours. Specific variants have been tested and certified to fly from -15 to 55 °C, including at high altitudes, with 25X optical zoom with a detection range of up to 1 km.

**Application** - SWITCH UAV is a first-of-its-kind Vertical Takeoff and Landing (VTOL) and fixed-wing hybrid Unmanned Aerial Vehicle. SWITCH features advanced flight time, higher safety, and simple operation with additional fail-safe redundancies.

**Value Proposition** - Best-in-class drones for mapping, security, and surveillance applications.

## Achievements

- Indian Army signed a USD 20 million contract with ideaForge to procure a SWITCH UAV
- A global leader in UAV technology manufacturing
- 1.90 Lakh+ successful missions
- Presence in both domestic and international market
- Generated revenue of Rs. 163 crore
- Received Rs. 226 crore as external funding

**End users** - Government



**Founders** – Ankit Mehta  
Rahul Singh  
Ashish Bhat  
Vipul Joshi

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 8 patents granted, 13 patents filed

## Incubated at



SINE IIT Bombay, Mumbai  
sineitb.org/  
sine@sineitb.org





**Product** - ROVSMIKE, BELUGA AND MIKROS

**Problem Addressed** - Industries like offshore Oil and Gas, Shipping, Dams, and Power plants have underwater structures that require monitoring to ensure structural health, safety, compliance with regulatory standards, etc. Manual inspection has limitations of accessibility, efficiency, reliability of data, and most importantly, diver fatalities, which Planys addresses through their Remotely Operated Vehicles.

### Product details

**Description** - Planys' Remotely Operated Vehicles (ROV) provide advanced non-destructive testing (NDT) solutions and are safe to use even in hazardous conditions. Their AI-enabled post-inspection reporting provides accurate and reliable analytics to help asset owners make data-driven decisions for efficient maintenance and repair planning.

**Application** - Planys is an Indian deep tech startup creating a global paradigm shift for smart underwater inspection. Planys is steering a new course in the maintenance and inspection industry with its disruptive innovations in marine robotics, novel underwater Non-Destructive Testing (NDT) methods, and AI-enabled post-inspection analytical digital reporting dashboard.

**Value Proposition** - Planys USP lies in its data analysis and visualisation platform that can bring together multiple data sets from different technologies in one place. Entry barriers include proven and matured technology solutions, flexible technology stack allowing rapid changes for new use cases, 7000+ hrs of annotated data, compliance to inspection standards, domain expertise, and infrastructure for research and development.

### Achievements

- Generated Rs. 5.41 crores in 2020-2021 and Rs. 7.20 crores in 2021-22 as revenue
- Wide market presence across India and operations in the Middle East and Europe (as a subsidiary in the Netherlands)
- Received external funding of Rs. 27.75 crores by Ranjan Pai, Kris Gopalakrishnan, ONGC and Keiretsu Forum

**End users** - Bharat Petroleum, HP, Indian Oil, Indian Railways, TATA Steel, L&T, Exxon, PSA International, Port of Rotterdam (Europe), Advanced Petrochemical Co (Saudi Arabia), etc

**Founders** - Tanuj Jhunjunwala  
Vineet Upadhyay  
Rakesh Sirikonda  
Prabhu Rajgopal  
Krishnan Balasubramaniam

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 20+ patents filed;  
5 patents granted

### Incubated at



IITM Incubation Cell, Madras  
incubation.iitm.ac.in/  
office@incubation.iitm.ac.in





**Product** - TUBE WELL AUTOMATION THROUGH MOBILE PROGRAM, GPS CAR TRACKER DEVICE, COOL CONNECT, ACRYLIC LED SIGNAGE, TOKEN DISPLAY, GSM MODEM

**Problem Addressed** - Indigenous and cost-effective solutions for customised automation were unavailable.

### Product details

**Description** - The Company provides customised solutions in embedded systems and robotics. It facilitates innovative ESDM (Electronic System Development and Manufacturing) and acts as OEM (Original Equipment Manufacturer) for organisations across different sectors.

**Application** - "ATRIM Electronics Pvt. Ltd." The distinguished Service Provider is engaged in providing services for Electronic Research and Development, Manufacturing Services, PCB Services, Customised solutions, etc. The company holds expertise in delivering end-to-end electronic solutions to clients effectively.

**Value Proposition** - Customised cost-effective solutions

### Achievements

- Achieved a good customer base
- Exhibited Domestic as well as the International presence
- The company showed good growth in terms of revenue generation and employment generation
- The company received funding and investments from national and international institutes

**End users** - Stellar Group, Digitech Services, Pico Event Marketing (India) Pvt Ltd., Mother Dairy, IUAC, IGI Airport, New Delhi, Satya Metal Industries (P) Ltd.

**Founder** - Shivam Dikshit

**Technology Readiness Level (TRL)** - 9

### Incubated at



Incubated at TBI-KIET  
Uttar Pradesh  
tbi-kiet.in  
tbikiet@gmail.com







## MOBILITY & E-MOBILITY



**Startup Name**

Pure Energy Pvt Ltd.

Ather Energy Pvt Ltd.

Railyatri Stelling Technologies Pvt Ltd.



**Product** - EPLUTO 7G, ETRANCE NEO, ETRANCE, ETRON+, and Li BATTERY

**Problems Addressed** - High temperature is a problem for cell chemistry. A lot of reactions happen inside a cell, most of which are reversible and exothermic. Cell chemistry is a significant challenge for the mass adoption of Electric Vehicles (EVs) and power storage.

### Product details

**Description** - PURE currently has two verticals: Electric Vehicles and Energy Storage Systems (ESS). PURE has a wide range of products in both the verticals like EPLUTO 7G, ETRANCE NEO, ETRANCE, ETRON+, and Li BATTERY.

**Application** - PURE ENERGY stands for Power Using Renewable Energy. Ever since its beginning at the Indian Institute of Technology (IIT) Hyderabad, the company has focused on enabling the transition to sustainable energy sources. The company manufactures electric 2-wheelers under the brand "PURE EV" and high-performance lithium batteries under "PURE Lithium".

**Value Proposition** - The company is focused on building products treasured by the mass consumer and building a trustworthy brand name in EV and ESS business verticals.

### Achievements

- Generated revenue of Rs. 400 crores
- Presence in Nepal and Bhutan
- Received external investment of Rs. 45 crore

**End users** - Mass consumers



**Founders** - Nishanth Dongari  
Rohit Vadera

**Technology Readiness Level (TRL)** - 8

### Incubated at



iTIC Incubator at IIT Hyderabad,  
Hyderabad  
itic.iith.ac.in  
office.itic@iith.ac.in



**Ather Energy Pvt Ltd., Bengaluru**  
atherenergy.com



**Product** - ELECTRIC BIKES – Ather 450 PLUS AND Ather 450 X

**Problems Addressed** - Ather entered the Indian automobile industry with a huge technological disruption, making electric vehicles a preferred choice. Its inherent efficiency will shape the urban commute and cities of tomorrow.

### Product details

**Description** - The Ather 450X and Ather 450 Plus, as well as public and private charging infrastructure and innovative ownership plans, are among the company's products. They are also constructing a complete ecosystem for India's electric vehicles, powered by indigenous design and manufactured entirely in India.

**Application** - Ather has built India's first smart and connected electric scooters.

### Achievements

- Sale of 3779 units in April 2022, registering a YoY growth of 255% over April 2021.
- Generated revenue of Rs. 86.3 crores in FY2020-2021 and Rs. 327 crores in FY2021-2022
- Pan-India presence with dealerships across 35+ cities
- Began production in 2020 and achieved a USD 100 million run rate in 2021, becoming the largest EV maker by value in its segment
- Received funding of Rs. 2059.54 crores from Hero Moto Corp, NIIF, Sachin Bansal, and various other investment firms and investors

**End users** - B2C

**Founders** - Tarun Mehta  
Swapnil Jain

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 9 filed, 14 granted, and 38 published patents

### Incubated at



IITM Incubation Cell, Chennai  
<http://www.incubation.iitm.ac.in/>  
[office@incubation.iitm.ac.in](mailto:office@incubation.iitm.ac.in)





**Product** - RAILYATRI.IN

**Problems Addressed** - RailYatri is a one-stop solution that furnishes the expense of data-based travel discovery at your disposal. It provides comprehensive Rail journey information.

### Product details

**Description** - A Made-in-India and Made-for-India product company, RailYatri is a data-driven and consumer-centric travel platform. It is the fastest-growing consumer brand and the innovator in the intercity transportation domain. It is growing by 15-20% month-on-month in the Train Ticketing, IntrCity Smart Buses, and Transit Food business verticals. The company has emerged as the leading intercity transportation platform for travelers in India.

**Application** - Simplifying train travels.

### Achievements

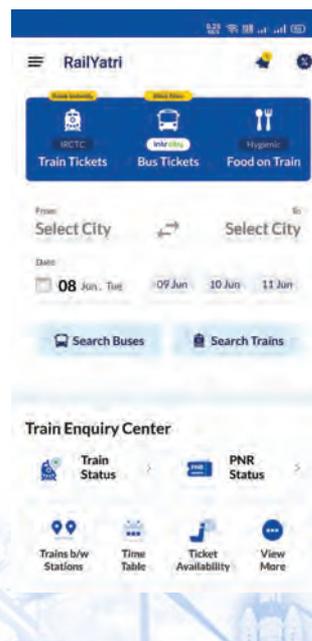
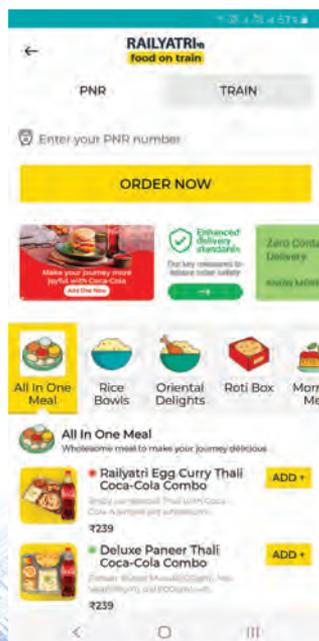
- Generated 145+ employment
- Raised funding of Rs. 50 crore through various chief investment bodies such as Mr Nandan Nilekani, Bloom Ventures, etc.
- Received various awards

**End users** - Commuters/Travellers commuting by Train and Bus.

**Founders** - Kapil Raizada  
Manish Ramesh Rathi

**Technology Readiness Level (TRL)** - 9

**Incubated at**







**WASTE MANAGEMENT**



<b>Startup Name</b>
Green Era Recyclers
Kanpur Flower Cycling Pvt Ltd.
Swapeco Solutions Pvt Ltd.
Inphlox Water Systems Pvt Ltd.



**Green Era Recyclers, Coimbatore**  
thegreenera.in



**Product** - ELECTRICAL AND ELECTRONIC WASTE DISMANTLING SERVICES

**Problems Addressed** - The company addresses various issues such as environmental degradation, lack of environmental accountability, and lack of awareness and knowledge in the e-waste management sector.

### Product details

**Description** - The company uses the 6R techniques in the e-waste management sector and focuses on Reverse Logistics.

**Application** - Green Era Recyclers is a social entrepreneurship business venture. It is focused on solving the globally arising e-waste problem through Green business.

**Value Proposition** - It offers the widest network of work and meeting spaces; On-demand, a pay-per-use model for office spaces, and a robust hybrid workplace technology platform.

### Achievements

- Received the FICCI TNIE Startup STAR Awards for Most Promising Startup
- Received the Green Excellence Recognition Award from Hulladek Recycling

**End users** - Cameron, V-Guard, CRI Pumps, Savio, Craftsman, and Taro Pumps

**Founder** - Prasanth Omanakuttan

**Technology Readiness Level (TRL)** - 9

### Incubated at



Vel Tech TBI, Chennai  
<https://www.veltechbi.com/>  
[veltechbi@veltech.edu.in](mailto:veltechbi@veltech.edu.in)





**Product - PHOOL**

**Problems Addressed** - Waste flowers from religious institutions are recycled. As a result, they are less likely to end up in rivers and water bodies, aiding in the reduction of soil and water contamination.

**Product details**

**Description** - It is a sustainable and scalable approach to prevent flower waste generated daily by the country's religious institutions from being discharged/ disposed of into rivers and landfills. Flower cycling is an innovation to convert flower waste into incense, vermicompost, and biodegradable styrofoam.

**Application** - Kanpur Flower Cycling Private Limited, formerly Helpusgreen, is an award-winning social enterprise that has developed the concept of 'flower cycling' to preserve the rivers of India from contamination and pollution by waste flowers from temples and mosques. The waste flowers release harmful pesticides and chemicals during run-off. The floral waste is collected, segregated, dried, crushed, and then processed into innovative and natural products such as Vermicompost (Mitti), Non-charcoal-based Incense (Sticks and Stones), and Biodegradable Styrofoam (Florafoam).

**Value Proposition** - "Phool" reduces soil and water contamination by recycling waste flowers from religious institutions, thus, preventing them from being discarded into rivers and water bodies.

**Achievements**

- Collected about 3.4 tons of floral waste generated regularly from the temples/ mosques in Uttar Pradesh
- Recycled up to 12,000 metric tons of flower waste
- Enhanced the livelihood of 80+ women
- Generated revenue of Rs. 17 crore

**Awards:** IIGP Winner, Bill and Melinda Gates Gate Keeper finalists, ISB B-Plan, TSEC winner, World Changing Awards, Forbes 30 under 30, Unilever Young Entrepreneur, Young Champions of Earth, TiE UP Entrepreneur of the Year, Spirit of Manufacturing Awards, The Queen's Young Leaders

**End users** - Common people



**Founder** - Ankit Agarwal

**Technology Readiness Level (TRL)** - 9

**Intellectual Property** - 1 Patent Granted, 6 Patents Filed

**Incubated at**  
**SOCIAL**  
alpha

Social Alpha, New Delhi  
www.socialalpha.org  
info@socialalpha.org



**Product** - ScrapUncle

**Problems Addressed** - In India, households and enterprises sell off their scrap/recyclables to traditional scrap buyers. The Recycling industry is dominated by these informal scrap buyers, and people face various problems while dealing with them.

**Product details** -

**Description** - The key features of the ScrapUncle, a technology-enabled platform, are users can schedule a doorstep pickup via this app/website according to their convenient date and time; waste is channeled to authorized recyclers that utilise legal and most efficient processes for recycling; offer the best prices from their network of recyclers; trained and verified collection partners with ScrapUncle Smart Weighing Scales (GPS enabled; works only when the customer enters the OTP; cannot be altered), and invoicing/formal payments include sustainability reports and waste generation analytics.

**Application** - ScrapUncle is a digital platform (App/Web) that enables users (households/enterprises) to dispose of their scrap items/recyclables (paper, plastics, metals, E-waste, etc.) in a responsible and rewarding manner. Users can simply schedule a doorstep pickup for their recyclables and get paid. The pickup orders received on the platform are executed by trained and verified collection partners, and the material collected by them is further sent to respective authorized recyclers.

**Value Proposition** - The company is among the first movers to make recycling online in India, organize the sector with the help of technology and bridge the digital divide in the waste management sector through a mobile application, IoT-based weighing scales, analytics, etc.

**Achievements**

- Generated revenue of Rs. 1.8 crore
- Recycled 1.3 million kg of scrap
- 65000+ signups

**Awards:** Urban Works Challenge by Columbia University and received a USD 40k grant; Winner of the Mbillionth Awards South Asia by DEF and Facebook

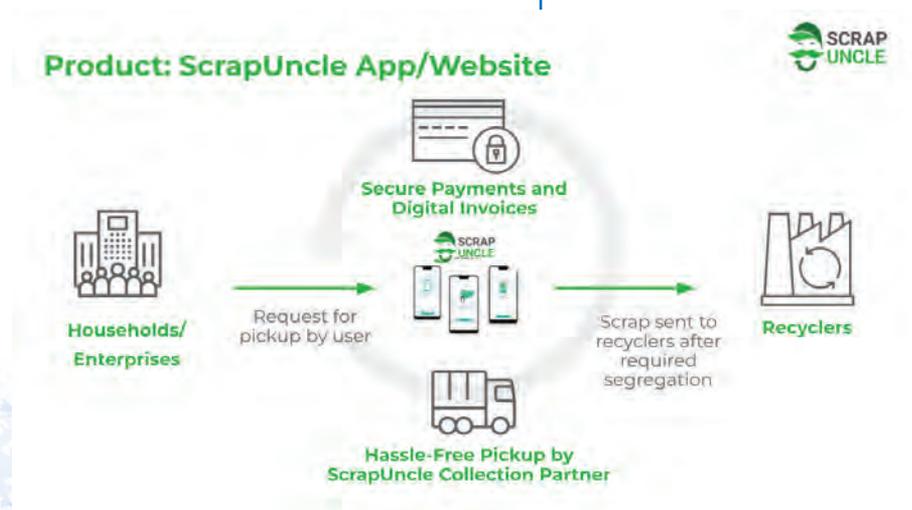
**Founder** - Mukul Chhabra

**Technology Readiness Level (TRL)** - 9

**Incubated at**



IIITD Innovation Incubation Center,  
 New Delhi  
[www.iiitdc.in](http://www.iiitdc.in)  
[info@iiitdc.in](mailto:info@iiitdc.in)





**Product** - ELECTROX SERIES, FLOW SERIES, AND BLUE SERIES TREATMENT PLANTS

**Problems Addressed** - They tackle water stress and pollution and solve inherent issues of high cost, inconsistencies, and performance problems of conventional solutions with their compact, modular, and smart electrical solution.

### Product details

**Description** - The patented decentralized electrically driven modular systems recover up to 99% of wastewater for reuse at the point of source. They treat complex pollutants, including pathogens, heavy metals, and suspended and dissolved pollutants. They comply with pollution control regulations while lowering 40% operational costs, 85% manpower requirements, 80% space requirements, and 70% sludge generation.

**USP/Value Proposition** - The product is electrically driven and eco-friendly, works on plug-and-play technology, and is smart, modular, and scalable. It has 4 times quicker deployment and installation and 80% space savings, 40% cost savings, and 70% less sludge generation.

### Achievements

- Treated more than 750 million litres of water
- Presence in India and Southeast Asia
- Series A stage (\$1.5M+ sales pipeline)

**End users** - Aditya Birla Group, Tata Steel, Gadre Marine Private Limited, Gelnova Laboratories India Pvt Ltd., Just Textiles Limited

**Founders** - Amrit Om Nayak  
Krunal Patel  
Abhijit VVR

**Technology Readiness Level (TRL) - 9**

**Intellectual Property** - 4 Patents granted

**Incubated at**

**riidl**

RiiDL, KJ Somaiya, and SINE, IIT Bombay, Mumbai  
[www.riidl.org](http://www.riidl.org),  
<https://simsr.somaiya.edu/en>,  
<https://sineiitb.org/>



## List of DST Incubators (TBI/NIDHI TBI/COE/STEP)

State/UT	TBI
Andhra Pradesh	Society for Siddharth International Incubation Centre, Siddharth College of Engineering, Chittoor
	SPMVV Society for Innovation Incubation and Entrepreneurship, SSIIE-TBI, Sri Padmavati Mahila Visvavidyalam, Tirupati
	KL Technology Incubator Foundation, Koneru Lakshmaiah Educational Foundation (KLEF), Vaddeswaram, Tadepalli, Guntur
	Aditya Global Business Incubator, Aditya Group of Institutions, Kakinada
	Andhra Technology Business Incubator Society, Narasaraopeta Engineering College (NEC), Guntur
Bihar	Foundation for Innovations in Science and Technology (FIST), IIT Patna, Patna
Chhattisgarh	NIT Raipur Foundation for Innovation and Entrepreneurship, NIT Raipur, Raipur
Delhi	Shriram Institute – Technology Business Incubator (SRI-TBI), Shriram Institute For Industrial Research, Delhi
	IAN Mentoring and Incubation Services, Indian Angel Network Services Private Limited, Delhi
	IIITD Innovation and Incubation Centre, Indraprastha Institute of Information Technology, Delhi
	Indigram Labs Foundation at Indian Society of Agribusiness Professionals (ISAP) New Delhi
	PUSA Technique se Vyavsay (PUSA TAKSAY) at ICAR-Indian Agricultural Research Institute (IARI) New Delhi
	IGDTUW Anveshan Foundation, IGDTUW Campus, Delhi
Goa	Centre for Incubation and Business Acceleration, Agnel Sewa Sangh Assagao, (CIBA), North Goa
	Forum for Innovation Incubation Research and Entrepreneurship (FiIRE), Don Bosco College of Engineering, Margao, Goa
	Centre for Incubation and Business Acceleration (CIBA), Verna, Goa
Gujarat	NIF Incubation and Entrepreneurship Council (NIFientreC), National Innovation Foundation, Gandhinagar
	NSIC-Technical Services Centre, Rajkot
	CIIE Initiatives, Indian Institute of Management Ahmedabad (IIMA), Ahmedabad
	Ahmedabad University Support Foundation, Venture Studio, Ahmedabad University, Ahmedabad
	Gujarat Foundation for Entrepreneurial Excellence (GFEE-iCreate), International Centre for Entrepreneurship and Technology, Ahmedabad
	IIT Gandhinagar Innovation and Entrepreneurship Center, Indian Institute of Technology Gandhinagar, Gandhinagar
	LEAF (Leadership Entrepreneurship and Acceleration Foundation) - GLS University Incubator, GLS University
	National Design Business Incubator, National Institute of Design, Ahmedabad
	Gujarat University Startup and Entrepreneurship Council, Gujarat University, (GUSEC) Ahmedabad
	Savli Technology and Business Incubator, Govt. of Gujarat, Vadodara
Centre for Advancing and Launching Enterprises, Entrepreneurship Development Institute (EDII) of India, (CrAdLE), Ahmedabad	

State/UT	TBI
Gujarat	Association for Harnessing Innovation and Entrepreneurship (ASHINE), Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat
	Savli Technology and Business Incubator (STBI), Gujarat State Biotechnology Mission, Vadodara, Gujarat
	IIPH NIDHI TBI For Public Health, Indian Institute of Public Health, Gandhinagar
	PDPU IIC, Pandit Deendayal Petroleum University, Raisan, Gandhinagar
	Indian Institute of Technology Gandhinagar Research Park, Gandhinagar
	CIIE - Centre of Excellence, IIM Ahmedabad, Ahmedabad
	GTU Innovation & Start-up Centre, Gujarat Technological University, Ahmednagar
Haryana	Society for Innovation & Entrepreneurship in Dairying (SINED), National Dairy Research Institute, Karnal
Himachal Pradesh	IIT Mandi Catalyst, Indian Institute of Technology Mandi, Mandi
	HP University STEP, Shimla
Jammu & Kashmir	Shri Mata Vaishno Devi University Technology Business Incubator Center Society (SMVDU-TBIC), Shri Mata Vaishno Devi University, Katra
	Indian Institute of Integrative Medicine-Technology Business Incubator (IIIM-TBI) at India Institute of Integrative Medicine, Jammu
Jharkhand	STEP-Birla Institute of Technology, BIT-Birla Institute of Technology, Ranchi
Karnataka	National Design Business Incubator, National Institute of Design (NID), Bengaluru
	NITK-STEP, NIT Suratkal, Suratkal
	Society for Development of Composites, Composite Technology Park (TBI), Bengaluru
	Kiran Majumdar Shaw TBI, Narayan Hrudayalaya, Bengaluru
	ARTI Lab Foundation, IRCS, Karnataka Branch, Bengaluru
	E-Health TBI, PES University -South Campus, Bengaluru
	Manipal University Technology Business Incubator, Manipal University, Manipal
	Foundation for Sandbox Startup Initiatives, Deshpande Foundation, Hubballi
	JUTBI, Jain University, Bengaluru
	IKP EDEN NIDHI TBI, IKP Knowledge Park, Bengaluru
	Foundation for Innovation and Social Entrepreneurship (FISE), Tata Trusts, Bengaluru
	Business Entrepreneurship and Start-up Support Through Technology in Horticulture (BESST-HORT), ICAR-Indian Institute of Horticulture Research, Bengaluru
	KLE-Centre for Technology Innovation and Entrepreneurship (KLE-CTIE), KLE Technological University, BVB Campus, Vidyanagar, Hubli, Karnataka
	DERBI Foundation, Dayananda Sagar College of Engineering
	BVVS, Basavakalyan Engineering College STEP, Bagalkot
SJCE STEP, JSS Technical Institutions Campus, Manasagangothri, Mysuru	
Global Incubation Services (GINSERV), Bengaluru	
Kerala	NIT Technology Business Incubator, National Institute of Technology Calicut, Calicut
	Kerala Startup Mission, Technopark Technology Business Incubator, Trivandrum



State/UT	TBI
Kerala	Amrita Technology Business Incubator (Amrita TBI), Amrita Vishwa Vidyapeetham (Amrita University), Coimbatore
	SCTIMST-TIMed, Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum
	Startups Vally TBI, Amal Jyothi, Amal Jyothi College of Engineering, Kanjirappally
	Startup Village , SV.CO Digital Platform Private Limited
	IIMK LIVE, Indian Institute of Management Kozhikode
	Nehru Group of Institutions Technology Business Incubator (NGITBI) at Nehru Group of Institutions, Palakkad
Madhya Pradesh	M.P.STEP, Maulana Azad National Institute of Technology Bhopal
	Innovation and Incubation Centre for Entrepreneurship (IICE), Indian Institute of Science Education & Research (IISER) Bhopal
Maharashtra	G.H. Rasoni Technology Business Incubator Foundation, G.H. Rasoni College of Engineering, Nagpur
	Mitcon Technology Business Incubation Centre (A Division of MITCON Consultancy & Engg. Services Ltd.), Pune
	RiiDL (Research Innovation Incubation Design Labs), Somaiya Vidyavihar, Mumbai
	Science And Technology Park, University of Pune, Pune
	SINE TBI, IIT Bombay, Mumbai
	Entrepreneurship Development Center (Venture Center), CSIR-National Chemical Laboratory, Pune
	DKTE TBI, DKTE Textile & Engineering Institute, Rajwada, Ichalkaranji
	Centre For Incubation And Business Acceleration (CIBA), Fr. Conceicao Rodrigues Institute of Technology, Navi Mumbai
	BIL Ryerson Technology Startup Incubator Foundation (BRTSIF), BSE Institute, Mumbai
	Sardar Patel Technology Business Incubator, Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai
	Veermata Jijabai Technological Institute in Mumbai set up the Technology Business Incubator (VJTI-TBI), Veermata Jijabai Technological Institute Mumbai, Mumbai
	J N ECP, Bombay
	National Centre for Aerospace Innovation and Research (NCAIR), IIT Bombay, Mumbai
	Biomedical Engineering and Technology (incubation) Centre (BETIC), IIT Bombay, Mumbai
	SINE - Centre of Excellence, IIT Bombay, Mumbai
Venture Centre - Centre of Excellence, NCL Pune, Pune	
Symbiosis Centre for Entrepreneurship and Innovation (SCEI), Symbiosis International University, Pune	
COEP's Bhau Institute of Innovation, Entrepreneurship and Leadership, College of Engineering, Pune	
	MIT Pune Technology Business Incubator, Maharashtra Institute of Technology, Pune
Mizoram	Mizoram University Incubation Centre, Mizoram University, Aizawl



State/UT	TBI
Odisha	Foundation for Technology and Business Incubation (FTBI), National Institute of Technology Rourkela, Rourkela
	CVRCE-TBI, CV Raman College of Engineering (CVRCE), Bhubaneswar
	Kalinga Institute of Industrial Technology University(KIIT-TBI), Bhubaneswar
Punjab	Science & Technology Entrepreneurs Park, Thapar Institute of Engineering & Technology University, Patiala
	Science & Technology Entrepreneurs' Park, Guru Nanak Dev Engineering College, Ludhiana
	Society of Technology Business Incubator (IISERM), Indian Institute of Science Education and Research, Mohali
	Chandigarh University Technology Business, Chandigarh University, Chandigarh
	NITJ Technology Business Incubator, Dr. B R Ambedkar National Institute of Technology Jalandhar
	Entrepreneurship Promotion and Incubation Council (EPIC), Ambala College of Engineering, Ambala
	LPU Foundation, Lovely Professional University, Jalandhar
	PAU Food Entrepreneurship Development Society, Ludhiana
Rajasthan	IIT Ropar Technology Business Incubator Foundation, IIT Ropar, Ropar
	Indian Institute of Management Udaipur Incubation Center, Indian Institute of Management Udaipur, Udaipur
	Pilani Innovation and Entrepreneurship Development Society, BITS Pilani, Pilani
	MNIT Innovation and Incubation Center (MIIC), Malaviya National Institute of Technology Jaipur, Jaipur
Tamil Nadu	Startup Oasis Incubation Centre at Rajasthan State Industrial Development and Investment Corporation (RIICO), Jaipur
	Bharath Technology Business Incubator, Bharath University, Chennai
	PSG-STEP - Nanotechnology: Research, Innovation and Incubation Centre, PSG College of Technology, Coimbatore
	Periyar Technology Business Incubator, Periyar Maniammai University, Vallam
	St. Peter's Engineering College - Technology Business Incubator, St. Peter's Institute of Higher Education and Research, Chennai
	Technology Business Incubator, University of Madras, Chennai
	Technology Business Incubator, Anna University, Chennai
	VIT-Technology Business Incubator (VITTTBI), VIT University, Vellore
	Technology Business Incubator (TBI) - Agribusiness Incubation Society (ABIS), Tamil Nadu Agricultural University, Coimbatore
	Villgro Innovations Foundation, Chennai
	Sathyabama University - Technology Business Incubator, Sathyabama University, Chennai
	Coimbatore Innovation and Business Incubator, Kumaraguru College of Technology (KCT), Coimbatore
	PSGCT - Science & Technology Entrepreneurial Park (PSG - STEP), PSG College of Technology, Coimbatore



State/UT	TBI
Tamil Nadu	BAIT-TBI (Bannari Amman Institute of Technology-Technology Business Incubator), Bannari Amman Institute of Technology
	Development of Entrepreneurs Through Incubation (DETI@ACE), Adhiyamaan College of Engineering, Hosur
	TCE-TBI, Thiagarajar College of Engineering, Thiruparankundram, Madurai
	Foundation for Innovation & Research at SASTRA - TBI, Sastra University, Tirumalaisamudram, Thanjavur
	IIT Madras Incubation Cell, IIT Madras Chennai
	Coimbatore Institute of Engineering Technology-Technology Business Incubator Society (CIET-TBIS) at Coimbatore Institute of Engineering and Technology, Coimbatore
	MaDeIT Innovation Foundation, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
	Technology Business Incubator, Directorate of Agribusiness Development, Agribusiness Incubation Society, Tamil Nadu Agricultural University, Coimbatore
	Vel Tech Technology Incubator, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai
	Science and Technology Entrepreneurs Park - Regional Engineering College Tiruchirappalli (TREC STEP), NIT Trichy, Tiruchirappalli
	Rural Technology Business Incubator, IIT Madras, Chennai
	Vel Tech - Centre of Excellence, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai
	PSG- STEP - Centre of Excellence, Coimbatore
	Technology Business Incubator @ Kongu Engineering College (TBI@KEC), Kongu Engineering College (KEC), Perundurai, Erode
Telangana	Association for Scientific Pursuits for Innovative Research Enterprises (ASPIRE), University of Hyderabad, Hyderabad
	i-TIC Foundation, IIT Hyderabad Technology Business Incubator, Indian Institute Of Technology Hyderabad, Hyderabad
	IIIT-H Foundation (International Institute of Information Technology-Hyderabad Foundation), International Institute of Information Technology Hyderabad (IIIT Hyderabad), Hyderabad
	IKP Life Science Incubator (IKP-LSI), IKP Knowledge Park, Turkapally, Hyderabad
	Birla Institute of Technology and Science, BITS-Pilani, Hyderabad
	DLabs Incubator Association, Indian School of Business, Hyderabad
	Nutrihub Technology Business Incubator Startups Confederation (Nutrihub-TBISC), Indian Institute of Millet Research, Hyderabad
	SR FOUNDATION, S R Engineering College, Warangal
	Association for Innovation Development of Entrepreneurship in Agriculture (a-IDEA), ICAR-National Academy of Agricultural Research Management, Hyderabad
	Agri-Business Incubator, International Crops Research Institute for the Semi-Arid Tropics, Hyderabad (ICRISAT)



State/UT	TBI
Telangana	Indian Institute of Chemical Technology, Hyderabad
	JNTUH Innovation Foundation, Jawaharlal Nehru Technological University, Hyderabad
	Technology Hub (T-Hub) Center of Excellence, IIIT Hyderabad, Hyderabad
Uttar Pradesh	Amity Innovation Incubator, Amity University, Noida
	HBTI-STEP, Harcourt Butler Technological Institute, Kanpur
	JSSATE-STEP, Noida, JSS Academy of Technical Education, Noida
	Krishna Path Incubation Society-T BI KIET , KIET Group of Institutions, Ghaziabad
	SIDBI Innovation & Incubation Centre IIT Kanpur, IIT Kanpur, Kanpur
	Malaviya Centre for Innovation, Incubation & Entrepreneurship, Indian Institute of Technology (BHU) Varanasi, Varanasi
	Technology Business Incubator, Graphic Era University (TBI-GEU), Graphic Era University, Dehradun
	TIDES Business Incubator, IIT Roorkee, Roorkee
West Bengal	IIM Kashipur Foundation for Innovation and Entrepreneurship Development, Indian Institute of Management IIM Kashipur, Kashipur
	Ekta Incubation Centre, Maulana Abul Kalam Azad University of Technology, Kolkata
West Bengal	Science and Technology Entrepreneurs' Park, IIT Kharagpur, Kharagpur
	Tagore Centre for Green Technology Business Incubation, Indian Institute of Engineering Science and Technology, Shibpur
	IIM Calcutta Innovation Park at IIM Calcutta, Kolkata
	Research Innovation and Scientific Entrepreneurship Foundation (RISE Foundation), Kolkata



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