



Ministry of Agriculture
& Farmers Welfare,
Government of India



AGRI STARTUP INNOVATIONS

Empowering **Startups**
Enabling **Farmers**

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नरेन्द्र सिंह तोमर
NARENDRA SINGH TOMAR

D.O. No. 740/JAM



कृषि एवं किसान कल्याण मंत्री
भारत सरकार
कृषि भवन, नई दिल्ली
MINISTER OF AGRICULTURE & FARMERS WELFARE
GOVERNMENT OF INDIA
KRISHI BHAWAN, NEW DELHI



MESSAGE

Since agriculture is considered as the backbone of the country, naturally farmers are to be considered as the very essence of the sector. Learning from our historical policies, every intervention designed with the farmers at its heart has resulted in overall development of sector.

The concept of agri start-ups was envisioned with the core aim to introduce pragmatic remunerative models that are farmer-centric and work towards making India self-reliant. The Ministry of Agriculture & Farmers Welfare has been supporting and accelerating agri-startups that are working all across the agricultural value chain. It is providing data-based farm and crop advisory to precision management of inputs and irrigation. Connecting growers to customers through digital platforms, mobile alerts for pests and diseases outbreak, assessing of the quality of grains and spices, sustainable cold storage facilities and easing the access to financial interventions. These solutions have helped and supported over a million farmers so far resulting in improvement of their livelihoods.

The resilience, grit, and spirit of our young innovators & farmers has brought an upending change in the state of Indian agriculture. A big appreciation for this also goes to all the implementers of the Innovation & Agri-Entrepreneurship Component including the Knowledge Partners, Agri-Business Incubators, mentors, and all others.

It is also important to recognize the support of the Indian industry, academia, and farmers who have worked at different levels and capacities towards the success of the program. My appreciation goes out to the entire team that has worked hard in conducting this study and drafting this publication. I am thrilled with the story so far and would keep a close watch on how it unfolds in the future.

(Narendera Singh Tomar)

कैलाश चौधरी
KAILASH CHOUDHARY



कृषि एवं किसान कल्याण
राज्यमंत्री
भारत सरकार
MINISTER OF STATE FOR AGRICULTURE
& FARMERS WELFARE
GOVERNMENT OF INDIA

Message

It is a matter of great pride for the whole Country that we reach this milestone success of the Innovation & Agri-Entrepreneurship Component, under the Rashtriya Krishi Vikas Yojana (RKVY). This is a key step towards the dream of building Atmanirbhar Bharat and I am proud of Department of Agriculture & Farmers Welfare, Govt. of India efforts in making it come true.

A very special mention for our farmers and innovators who work continuously and deeply to understand the challenges of Indian agriculture and creating solution. It is important to note the role played by Farmer Producer Organizations (FPOs) for aggregating the farmers and giving them a means to implement these solutions. Aggregation models help the farmers in jointly managing different elements such as resources, mechanical implements, credit access, and access to reliable information.

Going forward, FPOs will help in the adoption of agritech solutions by helping farmers become digitally adept, improve the collective access to market, invest in useful solutions developed by startups, and partner with food processors and retailers for better remunerative incentives. I am delighted to see that several examples of successful startup-FPO collaboration are included in this publication, which can be analysed and adopted at a wider level.

My heartfelt congratulations to the entire team for making this initiative successful and for contributing in putting together this publication mapping this evolving ecosystem.

(Kailash Choudhary)

शोभा करांदलाजे
SHOBHA KARANDLAJE



सत्यमेव जयते



आज़ादी का
अमृत महोत्सव

राज्य मंत्री
कृषि एवं किसान कल्याण
भारत सरकार
Minister of State For
Agriculture & Farmers Welfare
Government of India

D.O. No.....MOS(A&FW)/VIP/2021-22/

October 07th , 2022

Message

I am delighted to extend my appreciation to the entire team of Innovation & Agri-Entrepreneurship, under the overall leadership of Ministry of Agriculture & Farmers Welfare for helping Indian Agriculture in its journey towards greatness. The energy and dynamism of the entire ecosystem is reflected throughout the successful examples illustrated in this book.

It is heartening to see the impact created by these start-ups on the rural communities and especially women farmers, which constitute over half the agricultural workforce. The struggle and challenges faced by women farmers have been widely understood and discussed, and innovative solutions such as those described in this publication hold the key to addressing them.

Interventions such as the one employing tribal women for gathering of forest produce, its cleaning & packaging, and marketing to wide range of customers are integral as they provide a dependable source of income to them. Engaging women based SHGs for cultivation and processing of different millet-based snacks is also an extremely important model that can be a study on its own.

Technology has to play an important role in creating an equitable agricultural value chain which recognizes the contribution of all the different stakeholders present. I genuinely hope that through initiatives such as this publication, we can highlight the opportunities that are available in our country and help in creating a sustainable and safe future.

(Shobha Karandlaje)



सत्यमेव जयते

डॉ. हिमांशु पाठक

सचिव, एवं महानिदेशक

Dr HIMANSHU PATHAK

SECRETARY (DARE) & DIRECTOR GENERAL (ICAR)

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DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION (DARE)

AND

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Message

Agriculture is embracing a transformation with technology led innovation and digitalization to automate, integrate in frontier technologies across the entire agri-food system. Research and development of innovations by the leading research and academic institutions across the country are remarkable and helping in this transformation with the commercialization of these innovations.

The agri startups such as those nurtured under the Innovation & Agri-Entrepreneurship Component of the RKVY-RAFTAAR program are playing a critical role in commercialization of innovations. Remarkably, many of the startups have taken license of technologies developed by different institutions for value addition, conversion of agricultural waste into fuel, small farm mechanization, and many other innovative solutions all across the farming value chain.

I would like to extend my heartfelt appreciation to the entire team of the Innovation & Agri-Entrepreneurship Component under the RKVY-RAFTAAR program, right from the Implementing Incubators, Knowledge Partners, RABIs, and all others. I am confident that through a collaborative approach we will pave new dimensions of success in smart agriculture.

(Himanshu Pathak)

2nd February, 2023

New Delhi

MANOJ AHUJA
SECRETARY



सत्यमेव जयते



आज़ादी का
अमृत महोत्सव

MESSAGE

भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture & Farmers Welfare

The Rashtriya Krishi Vikas Yojana (RKVY) was launched as the flagship scheme under the Ministry of Agriculture and Farmers' Welfare with its Innovation & Agri-Entrepreneurship Component dedicated towards catalysing the growth of the Agri-Startup Ecosystem in the country.

The success achieved by all the KPs, RABIs, Industry partners, members and the startups is truly remarkable. Spread across the length and breadth of the country, the startups have been supported throughout their growth journey through the scheme, some of which have gone ahead to achieve tremendous success. Covering different segments* such as post-harvest and logistics, precision agriculture, agri-biotechnology, and utilization of farm waste to generate wealth, our startups have addressed critical needs of the sectors and benefitted all the involved stakeholders be it farmers, processors, aggregators or consumers.

This publication in itself is an example of the thoroughness with which the entire team has been functioning. It would be heartening to see these innovations being implemented across the nation and internationally as well. I congratulate all the involved team members for their hard-work and dedication.


(Manoj Ahuja)

February 16th, 2023



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Message

Research, technology, and innovation have played an important role in the transformation of the agriculture sector into its present form. The Indian Agricultural Research Institute has been at the forefront of this transformation working with leading institutions from across country and the world.

Under the Innovation & Agri-Entrepreneurship Component of the RKVY-RAFTAAR scheme, the institution has been nurturing startups all across the agri-food spectrum. It handholds them throughout their development phase and enables them to become sustainable, viable businesses. An important aspect of this handholding is using the technical expertise within the institution to create technological robustness of the startups. It is helping them collaborate with the technical experts for guidance and technical validation, and giving them access to its world class research facilities for development and refinement of their innovations.

The goal of these interventions is to help the startups develop innovations which can be adopted at the farmer's level and can prove valuable to all the involved stakeholders. This is an integral step in making our startups become investible. Further in the program, the startups are mentored by industry and business experts, and pitched to leading investors and corporates for funding, piloting, and other collaborations.

One of the key benefits of the program is that it is helping double the technical resources available in the field of agriculture. By mentoring the startups develop a whole bouquet of technologies, based on IARI's research and technical foundation.

This publication succinctly captures the core of the Innovation & Agri-Entrepreneurship Component of the RKVY-RAFTAAR Program and I wholeheartedly congratulate all my colleagues who have been involved in putting this together. Through such cooperative and steadfast efforts, I am confident that we will usher in a new age in the field of agriculture.

A.K.
(A.K. Singh)

आशीष कुमार श्रीवास्तव, आईएफएस
संयुक्त सचिव
ASHISH KUMAR SRIVASTAVA, IFS
Joint Secretary



सत्यमेव जयते

भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि एवं किसान कल्याण विभाग
Government of India

Ministry of Agriculture & Farmers Welfare
Department of Agriculture & Farmers Welfare



Message



Role of the startup ecosystem in the technology led transformation of the agriculture sector is becoming more and more important with time. Need of the hour is for nurturing innovations that are farmer centric while also aiding all the other stakeholders throughout the agri-food value chain. This is the role played by the Innovation & Agri-Entrepreneurship Component of the RKVY – RAFTAAR Scheme of the Ministry, which is spearheading the evolution of this vibrant ecosystem.

The sector is seeing technology interventions that are spread across different focus areas, addressing several concerns of the sector. From providing precision farming advisory to supply chain optimization, storage and processing solutions to financial interventions, they are bridging the gap between technology and its on-ground implementation.

The future of agriculture will be collaborative and participative involving farmers, innovators, researchers, and other important elements of the ecosystem. Implementation of these new age solutions through FPOs and FPCs would widen their dissemination and adoption amongst the farmers. Similar engagements between women led SHGs and agri-startups are needed.

Overall, the program is contributing immensely towards this transformative journey of the sector and my heartfelt appreciation to the entire team including KPs, RABIs, Mentors, Industry Partners, and all others for making it a success. I would also like to congratulate all the contributors who have worked towards this publication that highlights the vibrant agri-startup ecosystem in the country.

(Ashish Kumar Srivastava)

Acknowledgement



Agriculture, throughout history, has been the backbone of the Indian economy employing over 55% of the population directly and indirectly, and contributing 20% to the country's Gross Value Added (GVA). The sector has witnessed tremendous innovation in the past years, driven by factors such as climate change, pests and diseases, degrading soil quality, labour shortage, climate change, among others. The agri-food tech startup ecosystem has attracted significant interest from industry and investor community making India the third largest country in terms of funding received.

The Innovation & Agri-Entrepreneurship Component of the RKVY-RAFTAAR scheme is playing a pivotal role in catalysing this momentum. It is expanding the opportunities to young innovators, enabling access of cutting-edge technologies to the farmers, getting industry involved for acceleration of startups, and working with all segments of the government for policy related interventions.

With over 1100 startups incubated across various KPs and RABIs, the program has been able to benefit over 40 lakh farmers directly, and the results are growing exponentially. It is thrilling to note that even through the COVID-19 pandemic, the entire team associated with the program did exemplary work while being home-bound and continued nurturing and supporting the innovative startups across our country.

The startups supported by the program are offering solutions for different segments of the agri-food value chain. They are providing access to reliable data in real time for weather forecasting, crop advisory, disease management, credit evaluation and access to finance. Creating information symmetry and reducing the uncertainty in the decision-making process. Developing mechanised solutions that aid the farmer throughout the farming process, right from sowing of seeds to harvesting of the produce, thus addressing the labour shortage. Automated robots for precision spraying of fertilisers and pesticides, increasing input efficiency. Supply chain interventions that are helping farmers get better price realisations for their produce by connecting them digitally with food processors and end consumers.

Some solutions are geared towards reducing the post-harvest losses through innovations that help increase the shelf life of the produce, and platforms that map the cold-chain infrastructure across the country, connecting them to farmers. Several AI-ML models have been developed for demand estimation, reduction of waste, and increasing the efficiency of the supply chain. Wide Scale adoption of digital tools such as smartphones by rural India, with internet usage increasing 30%+ CAGR in the last 5 years, is also driving the tech-based transformation of the agriculture sector.

Digitization has led to newer explorations and experiments in the industry along with involvement of robotics, machine learning, artificial intelligence and IoT in agriculture. The expansion and accessibility of these technologies to medium & small-scale farmers is sure to take India to a new height. And as RKVY-RAFTAAR continues to foster, mentor, scale, fund, and provide all nurturance to these startups, we continue to rapidly move towards Atmanirbhar Krishi, Atmanirbhar Bharat.

My heartfelt gratitude to Dr. Himanshu Pathak, Secretary (DARE) & Director General (ICAR) for his constant encouragement and support. My sincerest thanks to Dr. A.K. Singh, Director, ICAR - Indian Agricultural Research Institute (ICAR-IARI) for his unfettered belief and guidance. I also extend my deepest regards to Ms. Chhavi Jha, Joint Secretary, RKVY Division, Ministry of Agriculture & Farmers' Welfare, for giving us this opportunity. I would also like to thank and congratulate all my colleagues from our fellow KPs and RABIs, our mentors and subject-matter experts for the indispensable support and hard work. A special thanks to all our industry partners and corporates who continue to provide great support, network and insights to our work. As we celebrate our achievements and mark the beginning of a new era, a big thanks goes to the farmers and the innovators – the builders of our shared future. We shall work tirelessly towards achieving our shared goal of planting the seeds of innovation and nurturing the saplings to become the unicorns in the times to come.



Dr. Neeru Bhooshan

CEO

Pusa Krishi, ICAR-IARI



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Innovation & Entrepreneurship Cell under **RKVY-RAFTAAR**

The **Rashtriya Krishi Vikas Yojana (RKVY)** is an important scheme of the Government of India, Ministry of Agriculture and Farmers' Welfare (MoA&FW), aimed at strengthening infrastructure in agriculture and allied areas in order to promote agripreneurship and agribusiness by providing financial support and nurturing the incubation ecosystem, a new component under the revamped scheme RKVY-RAFTAAR has been launched in 2018-19 with 10% of annual outlay inclusive of 2% administrative cost.



Innovation & Entrepreneurship Cell Under RKVY-RAFTAAR: A genesis & process

Considered to be the primary economic activity, agriculture adds to the nation's overall wealth. Agriculture was once thought to be a Low-tech industry is characterized by a large number of tiny family businesses that mostly concentrated on improving existing processes rather than creating new ones. However, as a result of economic liberalization and a rapidly evolving society during the past 20 years, this position has drastically transformed. Agricultural businesses must adjust to the market's irregular needs, shifting consumer preferences, strict environmental restrictions, new standards for product quality, sustainable food production, and other factors. These adjustments have made room for fresh competition, inventiveness, and portfolio entrepreneurship.

About half of all jobs in developing countries are supported by agriculture and domestic companies (World Bank, 2012), yet these industries do not provide enough money to lift people out of poverty. As a result, agriculturally related entrepreneurial activities produce a solution for raising household earnings. Entrepreneurial handholding combined with government initiatives would make it easier to meet the expanding requirements of agribusiness.

The **Rashtriya Krishi Vikas Yojana (RKVY)** is one such gigantic initiative of the Government of India, Ministry of Agriculture and Farmers' Welfare (MoA&FW), aimed at strengthening infrastructure in agriculture and allied areas. In order to promote agriprenurship and agribusiness by providing financial support and nurturing the incubation ecosystem, a new component under the revamped scheme RKVY-RAFTAAR has been launched in 2018-19 with 10% of annual outlay inclusive of 2% administrative cost.





Since 2018-19, this cell is actively working towards supporting agripreneurship by virtue of agribusiness incubation. In this process, incubation facilities and expertise already available with participating academic, technical, management, and R&D institutions in the country are being utilized on an individual or collective basis to harness synergies. Under this scheme, establishment of new RAFTAAR agribusiness incubators (R-ABIs) as well as strengthening of existing agribusiness incubators as R-ABIs has been done with need-based infrastructure, equipment and manpower. These incubators were made with the purpose of promoting agri innovation ecosystem at a regional level in which stakeholder engagement including industry, government machinery, academia, farming community was given utmost importance. It was also made sure to promote regional startups focusing on area specific needs under the scheme to address the broader goal.

Objectives for establishment of Innovation & Entrepreneurship Cell

The main aim of the cell is to help farmers throughout the country, to be achieved through the following objectives:

- Strengthening of existing agribusiness incubators for integrated rejuvenation and development and setting up new ones – R-ABI (RKVY-RAFTAAR Agribusiness Incubators).
- Seed Stage Funding of R-ABI Incubatees
- Agripreneurship Orientation
- Idea/Pre-Seed Stage Funding of Agripreneurs

Organizational Arrangement:

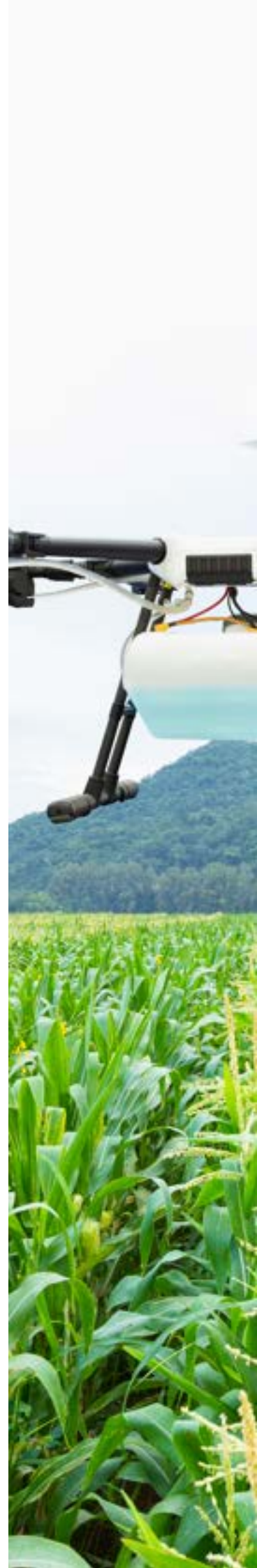
Under the Cell, RKVY-RAFTAAR division acts as a Nodal Centre for the implementation of the scheme. Joint Secretary, RKVY-RAFTAAR is responsible for governance and overall management of the scheme. However, by looking at its gigantic scope and width, one Centre of Excellence (CoE) Knowledge Partner and four Knowledge Partners (KPs) were bestowed with the responsibilities of hand holding assigned RABIs and developing their regional Agripreneurial ecosystem and start-ups.

The RKVY-RAFTAAR division has solicited proposals from selected institutes/universities for becoming Knowledge Partners by looking at their credentials in the domain. Indian Agricultural Research Institute, New Delhi (ICAR-IARI) along with National Institute of Agriculture Marketing (NIAM), Jaipur, National Institute of Agriculture Extension Management (MANAGE), Hyderabad, University of Agriculture Sciences (UAS), Dharwad, and Assam Agriculture University (AAU), Jorhat were identified as the Centre of Excellence Knowledge Partner.

Knowledge partners advice DA&FW on one side, handhold all RABIs on the other side along with implementation of the scheme.

SAMARTH - Empowering the Incubators - Capacity Building Program

Under the capacity building program, 'SAMARTH- Empowering the Incubators' these RABIs and KPs are being empowered with the tools and techniques of agribusiness incubation by the Lead KP. This is planned in a series of workshops and lectures, hands on experiences and peer learning becomes its important pillars. These trainings are focused on Planning & Managing of incubators, marketing of incubators, processes and protocols of incubation, solutions to operational issues and challenges. The discussions with industry specialists and Policymakers were the highlights of the workshops. Apart from the workshops, handholding of the RAFTAAR Agribusiness Incubators was done by participating in their selection process of startups, developing their processes and protocols and physical visits at their centres.





These R-ABIs are supposed to invite applications from potential agripreneurs in different stages of the business life cycle (ideation/expansion) and provide them an opportunity to develop and bring these innovations to the market. They are also expected to act as facilitation platforms for aggregation and networking of various stakeholders including innovators, agripreneurs, investors, mentors and other institutions / bodies. The scheme operates under two verticals for incubating and nurturing agri startups as given below:

a) Seed Stage Fund (SSF): In this component, the incubators provide technology validation, mentoring & guidance, pilot opportunities, go-to market support, and industry linkage to startups with innovative solutions at MVP (Minimum Viable Product) stage alongwith a funding upto 25 Lakhs INR per startup.

b) Agripreneurship Orientation Program (AOP): This component intends to nurture & scale early-stage ideas & startups into sustainable businesses. The program provides access to business & technology validation, strong mentoring & advisory, market linkages & connections with a view to create impactful solutions in the agriculture ecosystem. Provision of a funding upto 5 Lakhs INR per startup is also provided under AOP.

Modus Operandi of the Programs

Each RABI and KP is expected to carefully curate its incubation program with a stringent selection process. It is expected to identify certain focus areas for incubation under which it is willing to as well as has strength to support agri startups.

A broader classification of the focus areas is given in figure 1.



Figure 1: Focus areas, inter alia, for inviting applications under both components

After that, an open call has to be made via public media for entrepreneurs to apply for both of the programs either jointly or separately. Incubators connect with various stakeholders in the region/state for wider reach of the programs, organize bootcamps in different universities, institutions, events etc.

During this phase, the incubators try to tap the innovation potential to deal with the challenges of that specific territory along with other national level challenges.

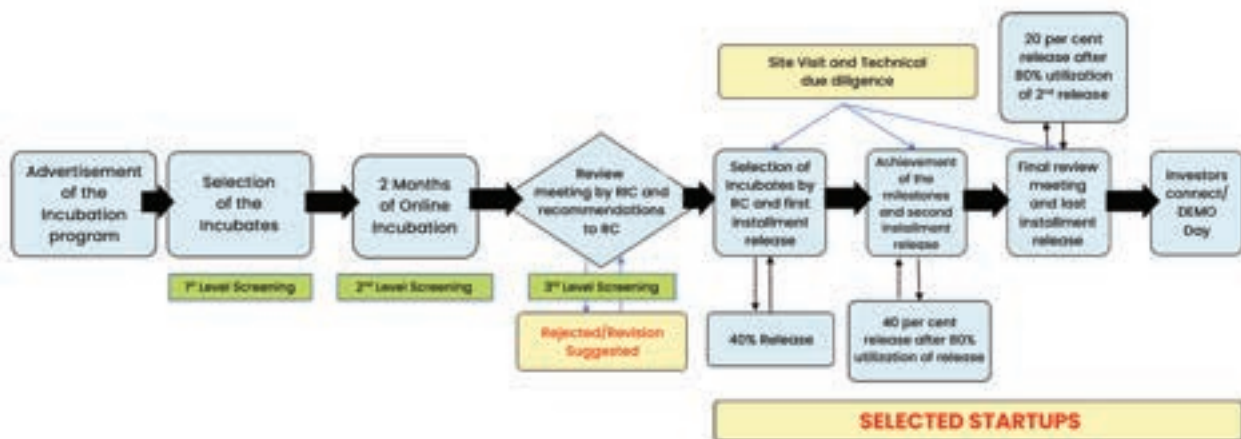


Figure 2: Selection procedure of startups under the scheme

- Selection of startups:** the selection happens in two stages depending upon the number of applications. If the applications are voluminous, screening is being done by the RABI at their level otherwise all the applicants present their cases in front of RAFTAAR Incubation Committee (RIC). Then RIC-I selects potential startups and incubate them for two months incubation program with the incubator. The selection is being made upon the criteria of need, novelty, feasibility, scalability, market potential and impact including ecological, economical, and societal impact.

- Two months incubation program:** The program comprise of detailed one-on-one mentoring sessions with technical and business mentors, expert lectures, interactions with farmers, industry giants, policy makers and regulatory machinery. The composition of the program and relative intensity of its various facets vary as per the batch's requirement and stage of development. The mentoring sessions are need and milestone based and are conducted on each and every aspect of a business. Broader areas for mentoring sessions include business, technical, financial, industry and Intellectual Property mentoring. Technology refinement and validation is another crucial component of this program. The startups set their funding requirement with respect to the milestones in this phase only which is presented to RIC-II for next round of selection.

- **Recommendation for funding:** The RIC-II selects promising startups who have taken few steps during the program and have further potential to grow, and recommends them to Centre of Excellence Committee (CIC) at the KP level. Then this CIC evaluates these startups and recommends potential startups to the ministry for grant-in-aid support. For startups of KPs and CoE KP, RAFTAAR Committee at the nodal level evaluates the startups. The funds are released in tranches (60:40 for AOP and 40:40:20 for SSF) based upon milestone completion.
- **Post funding Protocol:** The startups are assessed and supported frequently in the whole duration of incubation to make their products and offerings successfully reach their objectives. All kinds of marketing and networking assistance is provided to them for making their innovations reach to the market. Few of the major strengths of the program includes paid pilot opportunities, technology validation support and technical mentoring throughout the incubation period. Simultaneously, funding and finance related guidance is also provided as and when needed.

Over time, it has become clear how crucial businesses are to the socioeconomic advancement of farmers. These businesses are improving Indian agriculture's efficiency and organization in order to address its issues. A large populace is simultaneously employed in these businesses depending on their talents and competences. They are assisting in making the "Make in India" vision a reality and raising India's share of net exports, which eventually helps the economy. Encouraging more lucrative and appealing business ventures in agriculture and related fields is the need of the hour. In the scheme, approximately 25000 startup applications were submitted so far out of which 3376 startups were incubated and 1103 startups were funded. It is also noteworthy to mention that approximately 10 percent were women led startups which denotes increasing participation of women in this growing space. The scheme also created a positive impact on more than 40 lakh farmers and approximately 8000 employments were generated through its startups. These figures denotes an exponential rise in the activity and impact for just three years

Way forward:

It is crucial to foster an entrepreneurial spirit among young people since agricultural expansion and development directly affects the reduction of poverty. Agriculture-related entrepreneurial activities will produce creative, workable solutions for boosting farm revenue, employment, and rural prosperity. Additionally, the proper blending of management abilities and entrepreneurial know-how provided through a variety of institutions and initiatives would help meeting the expanding demands of agri-business. The Innovation and Entrepreneurship cell at RKVY-RAFTAAR has taken a big leap in achieving these synergies and continuously focusing on the ways to nurture the whole ecosystem in a much bigger way. But at the same time, it is worthy to notify that out of the total applications, only 13.5 per cent were incubated which shows the competitiveness and quality focus of the scheme as well as a room for expansion of the scheme. Hence, it is important for the scheme to expand into newer territories, cater to more number of startups per incubator and reach out to newer dimensions of handholding and nurturing.

IMPACT SO FAR

40.30

Lakh Farmers
Benefitted



3376

Startups Incubated



1103

Startups Funded



3197

Products Launched





392

Women Led Startups



7940

Direct Employment
Created



412

IP Generated



₹119.84 cr

Startup Funding



₹243.18 cr

Startup Revenue

RKVY-RAFTAAR Innovation Hub

Cluster Based Approach
with Pan India Coverage



Knowledge Partners (KPs) & RAFTAAR Agri Business Incubators (RABIs)

1. Pusa Krishi, ICAR – Indian Agricultural Research Institute, New Delhi

2. Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu, Jammu and Kashmir
3. Punjab Agricultural University, Ludhiana, Punjab
4. CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur, Himachal Pradesh
5. Indian Institute of Technology – Banaras Hindu University, Varanasi, Uttar Pradesh
6. Indian Institute of Management – Kashipur, Kashipur, Uttarakhand
7. Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh
8. Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
9. Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana
10. ICAR – Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh

11. MANAGE, Hyderabad, Telangana

12. Kerala Agricultural University, Thrissur, Kerala
13. ICAR – Indian Institute of Millets Research, Hyderabad, Telangana
14. Acharya N. G. Ranga Agricultural University, Tirupati, Andhra Pradesh
15. Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu

16. NIAM, Jaipur, Rajasthan

17. Sri Karan Narendra Agriculture University, Jobner, Jaipur, Rajasthan
18. Bihar Agricultural University, Sabour, Bhagalpur, Bihar
19. ICAR – National Rice Research Institute, Cuttack, Odisha
20. Indian Institute of Technology – Kharagpur, Kharagpur, West Bengal

21. University of Agricultural Sciences (UAS), Dharwad, Karnataka

22. Anand Agricultural University, Anand, Gujarat
23. Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, Maharashtra
24. ICAR – Central Institute for Research on Cotton Technology (CIRCOT), Mumbai, Maharashtra
25. ICAR – National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru, Karnataka

26. Assam Agricultural University, Jorhat, Assam

27. College of Fisheries, CAU, Lembucherra, Tripura
28. College of Horticulture and Forestry, CAU, Pasighat, Arunachal Pradesh
29. College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl, Mizoram



OUR FOCUS AREAS

1 FARM
MECHANISATION



2 PRECISION
AGRICULTURE



3 SUPPLY CHAIN &
AGRICULTURE
LOGISTICS



5 WASTE TO
WEALTH &
GREEN ENERGY



POST HARVEST,
FOOD TECH &
VALUE ADDITION **4**



6 AGRICULTURE
ALLIED SERVICES



OTHERS **7**



01

FARM MECHANISATION

Startups working on making agriculture easy and inclusive through cost-effective technologies and agro-machineries





Kyari Innovations Pvt. Ltd.

The nursery of innovations
www.kyari.in

Founder: Abhay Sharma, Smratika Sharma

Email: info.kyari@gmail.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited availability of solutions for addressing the Human-Wildlife Conflicts affecting the farmers.

Tech Brief

The startup has developed an IoT enabled device 'ANIDERS' which is a smart early warning and animal repellent system that uses infrared sensors to detect animal intrusion and triggers an alarm that repels the approaching animals away.

Product USP

- Helping mitigate Human-Wildlife Conflicts.
- Providing crop protection from wild animals like Elephant, Wild Boar, Blue Bull, amongst others.
- This device is 100% safe for humans & animals.
- Helps preserve wildlife corridors.



10000

Number of farmers benefitted



22+ States

Geographical Coverage



Balasore Agro Pvt. Ltd.

We are an agriculture machine manufacturer
www.balasoreagro.com

Founder: Manoranjan Das Adhikari

Email: balasoreagro@gmail.com

Foundation Year: 2019

Location: Odisha

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Labour shortage and absence of mechanized customizable sowing solutions for different seed types.

Tech Brief

Startup has designed single row seed drill for sowing the seeds of Groundnut, Maize, Black Gram etc. The depth of the seed is adjustable row to row and seed to seed.

Product USP

- Affordable for small and marginal farmers.
- Light weight and easy to handle.
- Designed to sow multi crop seeds.



6500

Number of farmers benefitted



3500+

Paid customers



Modiant Solutions

We are an innovative agricultural start-up
www.Modiant Solutions.com

Founder: Jitendra Patel

Email: modiantsolutions@gmail.com

Foundation Year: 2018

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

High cost and labour requirement for seed sowing for growing vegetables.

Tech Brief

Innovative seeders for precision sowing of various type of small seed, for nursery preparation as well direct in-farm sowing of seeds

Product USP

- Machines do not have parts that require regular maintenance.
- Multiple modes and versatility of usage.
- Affordable and customized as per the farmer needs.



3000

Number of farmers benefitted



05

Number of products in the market



12+ States

Geographical Coverage



Nascent Agrimach

Future of Agriculture

www.indiamart.com/nascentagrimach/

Founder: Pankaj Kumar

Email: pggarg88@gmail.com

Foundation Year: 2017

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Lack of mechanical solutions to address the weed growth problem in horticulture.

Tech Brief

The solution is a PTO operated hydraulically working side shifting offset rotavator which removes weeds automatically by going offset in tree line of orchards.

Product USP

- It shifts automatically using mechanical sensing mechanism and hydraulic system.
- It is the only machine which removes weeds from orchards automatically
- It can also work as normal rotavator with provided locking mechanism
- It can be customised as per working field and requirement



50+

Paid customers



200+

Number of farmers benefitted



05

Number of products in the market



5+ States

Geographical coverage



Agrimenu Farming Technology Solutions Pvt. Ltd.

Making farming better

Founder: Dinesh Kumar

Email: dineshzogta2005@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh

Krishi Vishvavidyalaya, Palampur



Problem Statement

Apple farmers are facing issues in farm advisory, high cost machinery and unavailability of skilled labour.

Tech Brief

The startup acts as one point of contact and cater to all kinds & types of apple farming management related requirements and helps in increasing productivity per acre along with enhancing the overall quality of the produce.

Product USP

- Complete end to end farm management services
- Single point solution in regards to all kinds and types of apple orchard management related requirements
- Apple Orchard Management Services and Solutions
- Offline & Online Approach



500+

Number of farmers benefitted



10+

Number of products in the market



100+

Paid Customers



Allywing Solutions Pvt. Ltd.

A Research and Product Development Company
www.allywing.com

Founder: Gaurav Singh

Email: dignitygauravsingh@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi



Problem Statement

Limited innovation in irrigation segment keeps the major irrigation issues of the farmer unaddressed.

Tech Brief

Startup has developed Tejas Pump which can be operated by petrol/ diesel/ kerosene/ solar and can displace high volume of water with high efficiency.

Product USP

- Multiple fuel options.
- Cost-effective and efficient.
- High versatility and water displacement.



500+

Paid Customers



1000+

Number of farmers benefitted



14

Number of products in the market



Unnat Krishi Evam Herbal Techno Solutions Pvt. Ltd.

Transforming agriculture as easy, inclusive and remunerative through mechanization

www.ukehts.com

Founder: Dharampal Singh Duhoon

Email: dpsinghduhoon@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

The lack of technologies to support the processing of medicinal plants leads to the adoption of traditional tedious and time-consuming practices.

Tech Brief

The startup developed products to support the processing the medicinal plants, which are cost effective and maintenance free.

Product USP

- Cost-effective
- Pollution-free
- Maintenance-free
- Compact in size
- Portability etc.



05+ States

Geographical Coverage



200+

Number of farmers benefitted



15+

Number of products in the market



100+

Paid Customers



IndusTill FarmTech Pvt. Ltd.

Affordable and Effective Farm Mechanization and Automation

Founder: Shrilesh Mande

Email: shrilesh.mande@industill.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of affordable, Easy to Use and Effective Farm Mechanization solutions for Indian farmers.

Tech Brief

Startup has developed a four-wheel farm utility vehicle TracTill which can perform several functions such as seed and fertilizer drill, precision spraying, and other pre, post, and transportation activities on the farm.

Product USP

- Year-around usability.
- Compact size allows for inter-cultivation activities.
- Reducing farmer dependence on manual labour.



500+

Paid Customers



1000+

Number of farmers benefitted



27

Number of products in the market



Niyo Innovative Solutions LLP

Stepping Towards Agri Automation
www.niyosolutionsllp.com

Founder: Yogesh Rajendra Gawande
Email: gawandeyogesh143@gmail.com
Foundation Year: 2019
Location: Maharashtra
Incubated at: Dr. Panjabrao Deshmukh
Krishi Vidyapeeth, Akola

Problem Statement

The conventional methods of spraying pesticides on crops includes mounting the knapsack sprayer on the back of the farmer which leads to back pain and manual pumping leads to wastage of the pesticides as well.

Tech Brief

The startup has designed a fuel-less and easy to operate sprayer that uses push-pull motion and a suction pump to spray the pesticides. The machine doesn't need to be carried on the back of the farmer and reduced the drudgery.

Product USP

- Doesn't require fuel and is easy to operate manually.
- Can spray upto 1 acre in 20-25 minutes thus saving the time and effort.
- Portable, height adjustable, and can be operated by men & women both.
- Spray 1 Acre in 20-25 minutes i.e., 67% time reduced.



10000+

Number of farmers benefited



2500+

Paid Customers



Pan India

Geographical Coverage



Kempmann Bioorganics LLP

www.bioorgo.com

Founder: Vijeth Arya

Email: vijeth.arya@bioorgo.com

Foundation Year: 2016

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of a solution to address the Fruit Fly problem that is affecting the horticulture sector.

Tech Brief

Startup has developed 'FRUITClean', a female fruit fly trapping system with kairomone blend and a slow-release trap design. Trapping of female fruit fly directly leads to control of fruit fly population resulting in reduction of fruit damages.

Product USP

- Long lasting, economical, no maintenance, one time installing traps.
- Attracts both female and male fruit flies.
- Works from 90-180 days and covers the whole crop season.
- Dripping technology of kairomone blend provides a strong and constant attraction.
- Cost effective and labour free concept.



7 States

Geographical Coverage



4000+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Amar Agritech

Increase farmers income with modernise machines

Founder: Preet Inder Singh

Email: amaragritech2018@gmail.com

Foundation Year: 2022

Location: Punjab

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Limited mechanized solutions available for harvesting of sugarcane.

Tech Brief

Tractor driven sugarcane harvester which further drives hydraulic motors to cleanly cut the crop.

Product USP

- Single user machine.
- Requires less labour.
- Picks up fallen sugarcane.



Jivanah Platform Services Pvt. Ltd.

We shepherd the machines

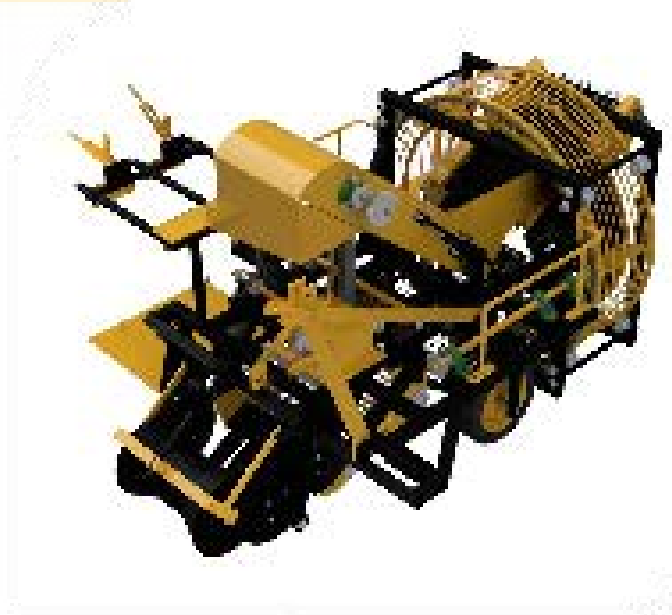
Founder: Dr. Nijagun Hiremath

Email: nijagun@theagsenses.in

Foundation Year: 2020

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delh



Problem Statement

Reduced labour availability has resulted in increased cost and delayed harvesting leading to economic losses to farmers.

Tech Brief

Startup has developed a Potato Mini Combine Harvester that combines all functionalities of digging, soil separation, weed / clod removal and bagging.

Product USP

Faster and efficient harvesting with no labour requirement.



100+

(During trail phase)
Number of farmers benefitted



Bajya Kisan Agriculture Equipments Pvt. Ltd.

Founder: Sharwan Kumar

Email: sharwanchoudharysharwan04@gmail.com

Foundation Year: 2018

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner



Problem Statement

Lack of user involvement in product development creates a gap in the features of the machine, developed for farmers.

Tech Brief

The startup is creating onion harvester and seed drill types of machinery based on the requirement of the farmer.

Product USP

Reduce labour cost and timing, cost, easy available



1000+

Number of farmers benefitted



05

Number of products in the market



Axom Farm Machinery Pvt. Ltd.

Transitioning small and marginal farming into a profitable profession

Founder: Swakshar Chakravarty

Email: swakshar@hotmail.com

Foundation Year: 2019

Location: Assam

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of access to specialized multifunctional farm machinery to farmers.

Tech Brief

Developed multifunctional farm machineries such as tiller cum weeder and thresher to increase the efficiency of farm operations.

Product USP

- Multi-channel Go-To-Market for product adaptation
- Lower price in comparison to competition



200+

Number of farmers benefitted



20+

Paid Customers



Green Robot Machinery Pvt. Ltd.

Precision Farm Robotics for Sustainable Farming
www.grobomac.com

Founder: Manohar Sambandam

Email: mano@grobomac.com

Foundation Year: 2014

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi



Problem Statement

Lack of mechanized solutions for cotton harvesting and unavailability of skilled manual workforce.

Tech Brief

Startup has developed a single person operated electrically powered semi-autonomous precision cotton picking machine which can pick multi-bloom cotton using high speed robotic arm assisted with visionAI technology.

Product USP

- Cotton picking without any damage to the plants
- Labour productivity of upto 5X



50+
(During trial phase)
Number of farmers benefited



05
Number of products in the market



Kumera Engineering Solutions Pvt. Ltd.

Improving farmers income through new farm equipment technologies.

Founder: Nakul Devaiah

Email: kumera@outlook.in

Foundation Year: 2015

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

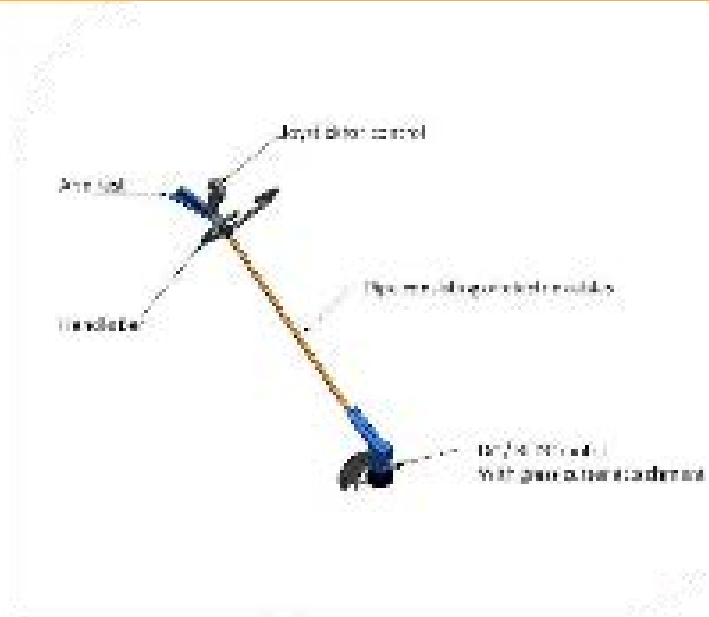
- Shortage of Coffee and Arecanut plantations in Karnataka.
- Unavailability of affordable farm equipments for the plantations.

Tech Brief

The startup has developed a multi-purpose hand tool to perform agriculture operations thus reducing drudgery and increasing efficiency.

Product USP

The machine runs on electric motors and batteries and has comparatively lower ownership and operating costs.



100+

Number of farmers benefitted



05

Number of products in the market



150+

Paid customers



Nuevo Farm Solutions

We build novel, precision based, mechanized solutions for farmers to improve productivity

Founder: Sat Prakash Saran

Email: vps23@cornell.edu

Foundation Year: 2021

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Scarcity of farm labour and lack of smart mechanized solutions for application of pesticides and weedicides in farm.



Tech Brief

The startup is using computer vision and proprietary ML/DL algorithms for image processing to generate pixel wise segmentations between crop and weeds to advice the farmers about precision spraying or selective mechanical weed removal operation.

Product USP

- Operational 24 hours leading to increased efficiency.
- Significant reduction of input costs.
- Data analytics based advisory services in future.



50+
(During trial phase)
Number of farmers benefitted



01
Number of products in the market



Predator Ind LLP

Awesome solution to agricultural problems
www.predatorindia.com

Founder: Mr. Ajit B. Kharjul

Email: ajit.kharjul@asapagritech.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Difficulty of spraying in orchards during rains and in muddy terrains, making it a drudgery prone and hazardous tasks

Tech Brief

The startup has developed a battery-operated predator (mini-tank) robot to spray chemicals for crops having low canopy which is contactless and can work in marshy and swamp land thus addressing labour shortage issue.

Product USP

- Suitable in muddy and rainy terrain conditions.
- Autonomous spraying machine without any human contact.
- Good coverage and deposition in low level of water.
- Capability to spray chemicals underneath the orchard trees with low canopy even through vegetables gardens.



100+

Number of farmers benefitted



20+

Paid customers



Veon Green Innovations Pvt. Ltd.

Redefining the frontiers of thermal engineering
innovations in India.

www.veon.co.in

Founder: SUDARSAN M S

Email: sudarsan.official.ms@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI, New
Delhi

Problem Statement

Post harvest wastage and quality loss of
agricultural products.

Tech Brief

A hybrid cooling technology for cold
storage, cold and dry storage, cold drying.

Product USP

Upto 50% more energy efficiency than
conventional technologies. Reduce post-
harvest losses - weight/colour/odour/
nutrition loss; Effective preservation in
broken cold chain (for flowers).





Masterbrain Agro Industry Pvt. Ltd.

Self propelled auto rotate gun spray machine

Founder: Gursewak Singh

Email: mastermnd2015@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Labour intensive nature of agricultural sector and lack of mechanization.

Tech Brief

The startup has developed a self propelled 4X4 auto rotate gun spray machine used in spraying of pesticides uniformly in the fields, which address the shortage of labour in spraying.

Product USP

- Uniform Sprayer
- Unique machine having 4x4 auto rotate gun spray machine
- Takes less labour and time
- Cost effective
- Diesel consumption is low



200+

Number of farmers benefitted



5+ States

Geographical Coverage



RTS Flowers

Proud to be a farmer
www.rtsflowers.com

Founder: Gurvinder Singh Sohi

Email: sohi07@yahoo.co.in

Foundation Year: 2021

Location: Partnership

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Absence of mechanization solutions for floriculture in India, making it labour and capital intensive.

Tech Brief

The startup has developed tractor operated farm implements (planter, digger and grader) which save time and reduce labour cost in sowing, digging and grading of gladiolus, thus promoting crop diversification.

Product USP

- Reducing labor cost
- Farmers increase more land in floriculture
- Improve seed quality (without dust, damage, rejection, grading) of flower seed
- Affordable machines



300+

Number of farmers benefitted



100+

Paid Customers



Agro Defence

Single solution to stubble burning

Founder: Ranvir Singh

Email: ranvir.thind315@gmail.com

Foundation Year: 2021

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Paddy Straw burning is a big issue in Punjab and rice growing states, which cause air pollution and suffocation every year. No economical solution for stubble burning is available for small and marginal farmers.

Tech Brief

The startup has developed a low cost machine called Field Fighter (tractor) that solves the problem of paddy straw and stubble burning by grinding, mulching, cultivating the soil in a one go and preparing the field for plantation for next crop without the need of any other attachments.

Product USP

- Economical solution even for small and marginal farmers
- Saves time and labor
- Consume less fuel prepare the fields for sowing the next crop by grinding the straw just once, burying it in the soil



200+

(In Prototype stage)

Number of farmers benefitted



01

Number of products in the market



Wani Agro Tools Plants

Founder: Refaz Ahmad Wani
Email: refazwani9999@gmail.com
Foundation Year: 2021
Location: Jammu and Kashmir
Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

For hoeing, weeding and digging, two different agriculture implements are required, which increase the cost for the farmers.

Tech Brief

Startup has developed a two in one tool 'spade cum hoe' which can be used both for spade and hoe (hoeing, digging and weeding), is easy to carry and saves cost.

Product USP

- 2in1 device (it works as a two methods/process)
- Easy to carry and operate
- Parts can be replaced individually in case of damage instead of replacing the entire product



1000+
Paid Customers



1500+
Number of farmers
benefitted



Jaiare Ventures Technologies Pvt. Ltd.

Tracfin is a platform to provide low cost farm mechanisation along with instant digital finance.
www.tracfin.in

Founder: Rakesh Rajpurohit

Email: rakeshrajpurohit@jrventures.in

Foundation Year: 2019

Location: Rajasthan

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Immense financial distress amongst farmers, especially smallholder farmers.

Product USP

Tracfin is a platform for low cost farm mechanisation along with:

- Instant digital finance
- Pay per use and re-new equipment
- Market linkages

Tech Brief

The startup uses data analytics, machine learning, and mobile phones to enable address the critical data gap that prevents financial institutions from lending to creditworthy rural Indians. Through its app Tracfin, it enables instant digital finance, market linkages, as well as makes available low cost farm mechanization solutions for the farmers.



400+

Number of farmers benefitted



200+

Paid Customers



05 States

Geographical Coverage



Jay Bharat Agritech Pvt. Ltd.

Vigyan ke saath vikaas
www.jaybharat.co

Founder: Mohit Dahiya

Email: dahiya mohit03@gmail.com

Foundation Year: 2020

Location: Haryana

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Labour Shortage in Paddy Transplanting. Absence of a mechanism to apply manure closer to the root of the plant.

Tech Brief

The startup has developed a Tractor Operated 8 Row low cost multifunctional Paddy Transplanter which grinds and applies manure near the root of the plant. It also creates mud ridges and reduced fertilizer consumption by 50% and water consumption by 40%.

Product USP

- Low Cost and Tractor operated
- Reduces labour requirement and manure & fertilizer consumption
- Providing Intercropping concept with rice
- Increases root growing space due to mud-ridge creation.
- Using natural cycle of manure extracting



100+

Paid Customers



200+

Number of farmers benefitted



Deepak Scientific Instruments

We care what you produce

Founder: Arpit Tinna

Email: arpittinna99@gmail.com

Foundation Year: 2022

Location: Haryana

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Drying of grains in open sunlight is a time intensive process, requires large amount of area, and additional labour costs for loading and unloading of grains.

Tech Brief

Startup has developed a PTO (power take-off) operated mobile grain dryer with automatic loading of grains which helps in reducing time and cost of labour & transportation in the grain-drying process.

Product USP

- Automatic loading and unloading of grains from the heap
- Requires less diesel and reduces moisture content
- Easy to operate and time saving





Daji Industries Pvt. Ltd.

Manufacturing and sales of innovative and affordable agricultural equipments

Founder: Swapnil Daji Patil
Email: vipswapnil498@gmail.com
Foundation Year: 2020
Location: Maharashtra
Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Major problems faced by sugarcane farmers are shortage/high cost of labor for conducting operations. The present agricultural equipment available in the market is not affordable to most farmers.

Tech Brief

The startup has developed the mechanical equipments a Sugarcane Planter & Harvester, and Inter Row Cultivator.

Product USP

- Sugarcane Planter: 6 in 1 farm implement.
- Inter Row Cultivator: Adjustable row spacing.
- Sugarcane Harvester: Requires lowest numbers of operators.
- The products are cheaper than the competition and give better ROI.



100+

Paid Customers



400+

Number of farmers benefitted



Crownlandbow Pvt. Ltd.

Making agriculture more profitable
www.crownlandbow.com

Founder: Amritraaj Singh Virdi

Email: amritraaj@crownlandbow.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Due to expensive machinery, it is difficult for farmers to have different planters for different crops, which increases the cost of production.

Tech Brief

Startup has developed an easy to operate and economical pneumatic planter for multiple crops with accurate seeding, thus improving crop productivity.

Product USP

- Available at lower cost as compared to other similar products
- Available in different sizes depending on farm land for small scale farms as well as big scale farms
- Available for different seed varieties



200+

Paid Customers



500+

Number of farmers benefitted



05+ States

Geographical Coverage



B Naik Uprising Agro Industry Pvt. Ltd

Innovations for future

Founder: Abdul Qayoom

Email: naikqayoom350@gmail.com

Foundation Year: 2022

Location: Jammu and Kashmir

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

On field fruit grading is costly and present automatic equipments are not affordable and difficult to operate.

Tech Brief

Startup has developed a multipurpose portable and affordable mini apple grading machine which helps in sorting the apples at farm level and hence saving time and labour cost.

Product USP

- Portable mini fruit grader: can be transported to field, so fruit can be graded and packed there.
- Affordable in comparison to available fruit graders
- Less damage of fruit in comparison to manual methods.



100+

Paid Customers



300+

Number of farmers benefitted



Hagri Innovations Pvt. Ltd.

Future of AI Machines

Founder: Anirudh Thakur

Email: thakuranie@gmail.com

Foundation Year: 2019

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of automated machines for cleaning & sorting of apples.

Tech Brief

The startup has developed an artificial intelligence enabled automatic machine that can clean and sort round fruits such as apples.

Product USP

- Fully automated operation
- Automatic colour detection
- Ultra-compact & Portable



200+

Paid Customers



1000+

Number of farmers
benefitted



Himgrow Mushrooms LLP

Healthy Mushrooms

Founder: Arpit Rana

Email: ranaarpit8@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Unavailability of the compost to cultivate Oyster Mushrooms.

Tech Brief

The startup is introducing a technology that can be easily adapted by small and marginal mushroom growers. The machine can pasteurize dry substrate and can be customized as per the requirements of urban and rural mushrooms grower.

Product USP

- Chemical free compost
- Using locally grown paddy straw as base material for compost



100+
Paid Customers



350+
Number of farmers
benefitted



Rudranjali Innovative Agritech Pvt. Ltd.

Mechanization is clearly the answer to key performance parameters at every stage of cropping cycle

Founder: Prof. Sunil Laxman Rathod

Email: sunilrathod048@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: IIT – BHU, Varanasi



Problem Statement

Lack of cost effective machineries in sugarcane cultivation and harvesting.

Tech Brief

The startup is providing Portable Sugarcane cutters and spraying equipment.

Product USP

Cost of the machines is less as compared to existing technologies



100+
Paid Customers



510
Number of farmers benefitted



Securedot Technohub Pvt. Ltd.

Fasal Suraksha Guard

Founder: Mr. Awani Kumar Shukla

Email: jetu.shukla07@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi



Problem Statement

Intrusion by animals and others is a major concern due to which farmers lose their production.

Tech Brief

AI-based farm intrusion detection and damage prevention system using geo fencing, bright lights, and alarms.

Product USP

Cost effective AI based intrusion detection and informing the farmers about the intrusion



1000+

Number of farmers benefitted



05

Number of products in the market



350+

Paid Customers



Smart Power Solutions Pvt. Ltd.

Smart Power Smart Solutions

Founder: G V Sukumara & Vani Sukumar

Email: project.smartpower@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of innovations in solar powered agriculture pump, often leads to burning due to dry well.

Tech Brief

The startup provides Solar-powered agricultural pumps.

Product USP

No motor, no burning due to dry well, no live wire goes inside the well - so no electrocution due to leakage.

The system only uses a solar panel and a bank of capacitors to tap solar energy. The same pump can be used for all depths, works even at very low solar radiation, can also work on low capacity single phase, can also work manually in an emergency, occupies less area due to low solar capacity panel



Saurabhprasad Agro Innovations LLP

www.spagroinnovations.com

Founder: Saurabh Rajendra Kadam

Email: srkadam05@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

- Lack of skilled labour for plantation of crop.
- Limited availability of mechanized solutions for precise transplanting of key crops such as onions.

Tech Brief

Startup has developed an Onion Seedling Transplanter which can precisely transplant the seedlings by maintaining plant spacing and depth and can reduce the labour requirement by 60%.

Product USP

- Optimum plant population (2 lakhs per acre) can be achieved as row to row as well as plant to plant distance within the row is maintained.
- Reduction in the mortality as a proper depth of seedling below the ground is achieved.
- Straighter rows can facilitate in mechanical weeding.



500+
Paid Customers



1000+
Number of farmers benefitted



05
Number of products in the market



Vinspire Agrotech | Pvt Ltd

Making innovative agriculture equipment and machine
www.vinspireagrotech.com

Founder: Manan D Patel

Email: vinspireagrotech@gmail.com

Foundation Year: 2017

Location: Gujarat

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of affordable mechanized solutions for farming operations.

Tech Brief

Startup is developing a device for seed sowing and seedling transplanting without using any machinery which can be operating while standing, as well as a crop protection device against harmful insects.

Product USP

Low cost solution for seedling transplanting and crop protection.



05+ States

Geographical Coverage



5000+

Number of farmers benefitted



2000+

Paid Customers



Paradkar Agro Farm Pvt. Ltd.

Complete poultry solutions, made a machine of hatching egg

www.paradkaragrofarm.com

Founder: Pravesh Paradkar

Email: plprashu.e@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Problem Statement

Hatching problem of eggs in backyard and commercial poultry as farmers are primarily dependent upon the hen to hatch egg and on an average get a 50% result.

Tech Brief

The startup has developed an electricity saver 'Hatching Machine' for the poultry industry and backyard poultry, to reduce losses caused by high percentage of mortality during poultry farming.

Product USP

- Low cost and easy to maintain
- Less electricity consumption
- Also works on solar power with backup



50+

Paid Customers



200+

Number of farmers benefitted



Servm Advance Systems Pvt. Ltd.

Kyun Jayen door jab pas hai Sudoor
www.sudoor.in

Founder: Yatish Khare

Email: servmmail@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Limited solutions available to the farmer for remote operation of irrigation in the field.

Tech Brief

Sudoor - A device based on GSM technology, which gives control of irrigation in the hand of farmer.

Product USP

- Enables the farmer to remotely control the motor pump
- Works with any mobile operator and from anywhere
- Can be retrofitted to fit all the existing motor starters
- Dual mode of operation for convenience



1100

Number of farmers benefitted



500+

Paid Customers



Mittidhan Farmtech LLP

Best quality customized farming equipment, while supporting the local economy.

www.maaidhan.com

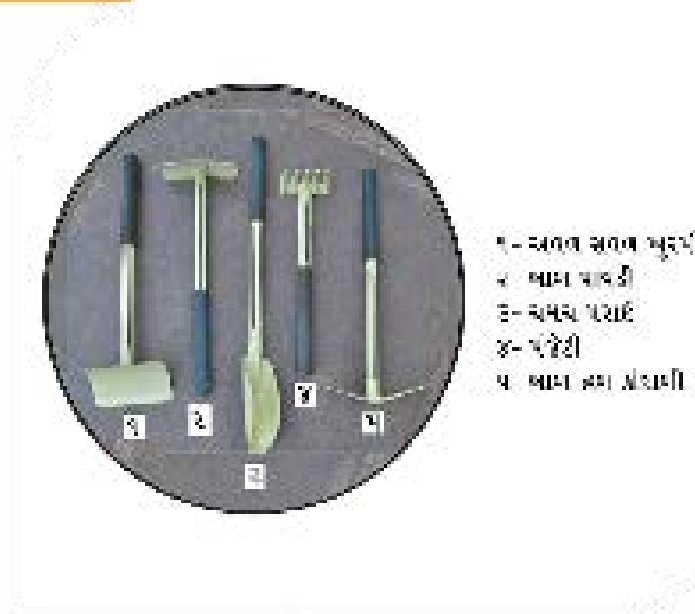
Founder: Hiren Jayeshbhai Panchal

Email: hirenpanchal47@gmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur



Problem Statement

Limited availability of small hand-held tools for farming related activities.

Tech Brief

Startup has designed and developed a range of compact hand-held tools especially for small and marginal farmers.

Product USP

- Can be driven by both animals and humans
- Made with sustainable material (rudder and steel) sourced from nearby cities, thus reducing the CO2 emissions significantly
- Cover different tasks such as ploughing, sowing, weeding, and harvesting.
- Employing tribal population in the Dharampur district of Gujarat.



8000+

Number of farmers benefitted



20+

Number of products in the market



5000+

Paid Customers



Pataalkot Tribe Solutions LLP

Make better life for tribal people

Founder: Dr. Mohammad Azam

Email: pataalkottribesolutions@gmail.com

Foundation Year: 2020

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi

Vishwa Vidyalaya, Jabalpur

Problem Statement

The Mahua Seed Decorticator machine that is a low-cost, gender-friendly, manual or power-operated machine that is used to separate Mahua rind from seed.

Tech Brief

The startup has developed a Mahua Seed Decorticator machine that separates the Mahua rind from the seed in a timely manner.

Product USP

- Gender friendly, can be operated by men and women both.
- Saves time and labour.
- Can be operated manually and by electricity.



200+

Number of farmers benefitted



100+

Paid Customers



Aditya Agri Automation

Unmanned Rovers aiding in farming of fruit and vegetable crops.

Founder: Aditya Niyogi

Email: adityaniyogi322@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Lack of automated mechanized solutions for performing farm operations.

Tech Brief

Developed an automatic rover for weeding, spraying, towing weights in narrow spaces and monitoring the crops.

Product USP

- Using rovers for monitoring the farms, and helping the farmers along with manual labours to increase the efficiency of the manual labours.
- Can be used by various small scale and medium scale farmers.



500+

Number of farmers benefitted



100+

Paid Customers



Exosolar Pvt. Ltd.

Let's make solar more renewable
www.exosolar.in

Founder: Harsh Jain

Email: harshtechbuild@gmail.com

Foundation Year: 2018

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Labour intensive nature of brush cutting in farms and lack of mechanized alternatives.

Tech Brief

Startup has developed a battery-based brush cutter which reduces the dependence upon manual labour.

Product USP

- Saving 30% of one day's operation charges.
- Patented machine with same RPM and Power as petrol based brush cutter with less than 150 watt power consumption.



1000+

Number of farmers benefitted



500+

Paid Customers



Farmwala.in

Agri services for farmers by farmers
www.farmwala.in

Founder: Gaurav Agrawal

Email: g.agrawal25@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of timely availability of farm inputs, finance and credits for the farmers.

Tech Brief

Startup has developed a phygital model that helps farmers for farm development, low cost transportation and logistics services, promoting goods and services, and making credit & investment available at the minimum interest rate.

Product USP

Providing quality services at most efficient price



200+

Number of farmers benefitted



50+

Paid Customers



Kash Hith Innovations

Hum Badenge Kisano Ki Takdeer

Founder: Ritesh Taunk, Purvi Taunk

Email: kashhith@gmail.com

Foundation Year: 2018

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Challenge of uniform and safe spray of pesticide, insecticide and weedicide in vegetable farming due to shortage and high wages of labour.

Tech Brief

Developed a battery-based wheel mounted sprayer with unique control mechanism for HTP spraying pump.

Product USP

Narrow, easy to use, low running cost, and environmentally friendly.



1200

Number of farmers benefitted



11

Number of products in the market



350+

Paid Customers



MorTech

To be trusted provider of sustainable farmer focused Smart farming solution

Founder: Dr. Animesh Kumar Chandravanshi
Email: ani380038@gmail.com
Foundation Year: 2021
Location: Chhattisgarh
Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur



Problem Statement

Time and labour intensive nature of manual de-topping, de-trashing and bundling of sugarcane stalk.

Tech Brief

Startup has developed a 'Sugarcane De-topper cum De-trasher' for effective cleaning of harvested sugarcane at a high output, lower waste, and increased efficiency.

Product USP

- High capacity (approximately 9 times more in comparison to traditional method).
- Reduced operation costs (by nearly 50%).
- Provision of adjustment as per the variety of sugarcane.
- Dual-purpose, affordable technology, facilitating by-product utilization.



100

Number of farmers benefitted



50+

Paid Customers



B.G. Innovatech (OPC) Pvt. Ltd.

Brings Goodness
www.bginnovatech.in

Founder: Gurwant Singh
Email: bginnovatech@gmail.com
Foundation Year: 2021
Location: Punjab
Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

The lack of existing technologies to support the utilisation of sugarcane with diverse applications makes the farmer depended on limited buyers leading to loss.

Tech Brief

The startup has Developed a machine for Sugarcane, Fruit, and Vegetable (long fibre) with numerous applications, including home and kitchen appliances, and even street vendor-friendly.

Product USP

- As kitchen equipment, the startup's innovative juice machine will meet the need for fresh sugarcane, vegetable, and fruit juices.
- Manual and automated operation, as well as motorized models, should be offered.



100+

Number of farmers benefitted



50+

Paid Customers



05+ States

Geographical Coverage



Dharambir Food Technology Pvt. Ltd.

One Machine Unlimited Opportunities
www.kissandharambir.com

Founder: Prince

Email: prince@kissandharambir@gmail.com

Foundation Year: 2017

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

It is arduous and expensive for small-scale and marginal farmers to process their produce as post-harvest operations across the entire value chain because such processings are heavy on the pockets of farmers leading to reduced income for farming community.

Tech Brief

The startup has developed a Multi Purpose Food Processing Machine(MPP) is a portable machine capable to process various fruits, vegetables, herbs and seeds.

Product USP

- Low-Cost machine (efficient waste management) using Eco-Friendly Technology
- Portable and Easy to Operate. And also use on single phase electricity, Solar power.
- One machine makes more than 100 products.
- Condensation mechanism that helps in extraction of essence from flowers and medicinal plants.



500+

Number of farmers benefitted



300+

Paid Customers



Pan India

Geographical Coverage



Poonia & Poonia Agro Industries Pvt. Ltd.

Advance Winnowing Machine
www.pooniagro.com

Founder: Rajender Singh

Email: singh.rajender3009@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

The labor-intensive process of winnowing. More than ten percent of filthy grain must be added manually to the winnowing machine, which must then through the whole process again, costing labour, time, and fuel.

Tech Brief

The startup has developed a state-of-the-art integrated winnowing machine that separates all types of grains using a spinning sieve. It segregates grains according to quality and automatically recycles unclean grains through a rotating sieve.

Product USP

- Requires less labour as compared to traditional winnowing machine
- Cost efficiency as lesser amount of fuel is required to run the machine
- Enhanced productivity as the output is two times more than other winnowing machines



1000

Number of farmers benefitted



100+

Paid Customers



Rajli Agro India Pvt. Ltd.

A Machine for Cultivation
www.rajliagroindia.in

Founder: Bhupender Singh

Email: bhupenderinssa777@gmail.com

Foundation Year: 2022

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

The lack of existing multifunctional farm equipment increases the cost of cultivation and makes farm practices tedious and time-consuming.

Tech Brief

- The startup has developed multifunctional all-in-one weed remover cum spraying machine for all farm practices.
- A powered earthing cum spraying equipment, Used in both agriculture and horticulture sector.

Product USP

A single solution for different agricultural chores like tilling, weeding, bed preparation/field preparation/spraying.



200+

Number of farmers benefitted



50+

Paid Customers



Ravek Enterprises Pvt. Ltd.

Crop Saving Mechanism

Founder: Vivek Kumar

Email: ravekenterprises@gmail.com

Foundation Year: 2020

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Increasing attacks from stray animals on the field crops is becoming a nuisance for the farmers and no availability of harmless protection to save Crops from such damage leading to losses

Tech Brief

The startup has developed a solar fencing device (voltage device) that gives a slight shock to stray animals that damage crops without any harmful effects.

Product USP

- Solar fencing uses renewable resource of energy
- Can be even installed at households and office amenities
- May impact sugarcane as a crop as it opens up new market for sugar processing



400+

Number of farmers benefited



150+

Paid Customers



Stacia Corp

Innovating For You

www.staciacorp.com

Founder: Sarabesh Sriram

Email: sarabeshsriram@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

- Inefficiency of traditional seed sowing mechanisms (broadcasting)
- Lack of mechanized solutions for accurate sowing of seeds especially for millet crops.

Tech Brief

Developed a sowing machine that works on the principle of line sowing and seed metering mechanism and suitable for sowing of any seed ranging from 3.5mm to 7cm diameter.

Product USP

- Automatic/assisted manual operations reducing the drudgery of farmers.
- High accuracy and simple operation increasing the efficiency of sowing.
- Suitable for sowing micro millets seeds which are very small in nature.



500+

Number of farmers benefited



200+

Paid Customers



V R Agro Solutions

Vegetable Nursery Bed Seed Sowing Machine

Founder: Raghu Kumar A

Email: raghu.mail12@yahoo.com

Foundation Year: 2019

Location: Telengana

Incubated at: MANAGE, Hyderabad

Problem Statement

Inconsistency in seed sowing on vegetable nursery bed.

Tech Brief

Portable mechanical machine for accurate seed sowing on nursery vegetable bed.

Product USP

Its portable mechanical machine, easy to handle.



100+

Number of farmers benefited



20+

Paid Customers



Farm365 Innovations Pvt. Ltd.

The Next Generation Security For FARMS & Forests.
www.farm365.ai

Founder: Dipu Varghese

Email: dipuvarghese@live.com

Foundation Year: 2021

Location: Kerala

Incubated at: Kerala Agricultural University, Thrissur

Problem Statement

Crop raiding by wild animals in farmlands around protected wildlife areas, leading to human-wildlife conflict, crop loss, and loss of both farmer and animal lives.

Tech Brief

Startup has developed a custom built IoT hardware & software solution which is terrain based, animal specific, smart crop protection devices to address the human-wildlife conflicts. System uses military grade radar technology & deep-learning based computer vision to recognize and repel wild animals using acoustic, visual, & olfactory methods.

Product USP

- Weather proof device, Works well on any harsh weather conditions (Dust, Rain, Fog, High Temperature and Altitude)
- Long range and 360° detection coverage
- Zero false alarms
- No need of fencing or manual guarding in night
- Able to distinguish between people & animals, detect illegal wood logging & early detection of wildfires



100

Number of farmers benefitted



50+

Paid Customers



7 States

Geographical Coverage

DBR Agri Mart Pvt. Ltd.

We intend to manufacture a drum seeder

Founder: D. BabuRao

Email: baburaomechanic@gmail.com

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

Due to the migration of farmers and agricultural labourers from villages to towns and cities, the scarcity of agricultural labour has increased leading to higher labour cost in the villages.

Tech Brief

The startup has developed a multi-purpose drum seeder for sowing in both wet land and dry land crops.

Product USP

Can be used for 24 different crops.



500+

Number of farmers benefited



50+

Paid Customers

Guru Agricultural Equipments

Increased profits with less Investments

Founder: G. Gurumurthy Chetty

Email: gurumurthychetty061@gmail.com

Foundation Year: 2020

Location: Haryana

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

- Manual silk cocoon harvesting process causing damage to the cocoon and consuming a large amount of time.
- Health problems faced by workers during cleaning of cocoon.
- Un-even removal of flass thickness.

Tech Brief

Startup has developed a motor operated horizontal cocoon harvester-cleaner which can be operated with 2 people and reduces the time taken for the process while eliminating the damage done to the cocoons.

Product USP

- Consistent quality of cleaning.
- Cost-efficient.
- Overcomes labour shortage issues during harvesting season.



1000

Number of farmers benefited



Pynedi Agri Innovatives Pvt. Ltd.

Save Energy, Its Increasing food

Founder: P. Hanumappa

Email: hanumappapynedi@gmail.com

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

Labour intensive nature of groundnut harvesting leading to high costs for hiring skilled labour and delay in market entry for the farmer due to delayed harvesting.

Tech Brief

Startup has developed a groundnut harvesting and collecting machine for the farmers that reduces the dependence on manual labour while also reducing the harvesting losses by 25-30%.

Product USP

- Timely harvesting.
- Consistent harvest quality.
- Better realized income for farmers.



500+

Number of farmers benefitted



150+

Paid Customers

Vahin Agri Tech Pvt. Ltd.

Benefiting Farmer is actually benefiting Nation

Founder: G. Kishan Kumar

Foundation Year: 2019

Location: Telangana

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Lack of innovations for drying of paddy crop.

Tech Brief

Startup has developed an instant paddy dryer that reduces the dependency on labour and helps mitigate crop losses.

Product USP

- Reduces manual drudgery.
- Avoids losses due to unseasonal rains.
- Saves labour expenditure.



500+

Number of farmers
benefitted



100+

Paid Customers



Agnicart

Design and Manufacture farm equipment using animal drawn power.

<https://www.facebook.com/agnicarts>

Founder: Sasikumar A P

Email: apsasi82@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

Lack of machinery for performing farm operations.

Tech Brief

Developed a patented animal drawn multipurpose cart that can perform several operations such as ploughing, weeding, manure spreading etc.

Product USP

- Eco-friendly and animal drawn.
- Light weight, thus doesn't compact the soil.
- Incidental Benefits – Cattle Breeding promotion.



Pan India

Geographical Coverage



200+

Number of farmers benefitted



08

Number of products in the market



50+

Paid Customers



BG Enterprises

BG Enterprises is an R&D and manufacturing of IOT Based Electronic devices that could save the water, Energy and Agricultural Production.

www.bgenterprises.org.in

Founder: PG Ragavandir

Email: ceo@bgenterprises.org.in

Foundation Year: 2018

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Reduction of Agricultural production due to animal intrusions.

Tech Brief

Developed Farm guard (An artificial Guard to protect Farmland) that generates threatening alarm sound upon detecting animal intrusion. Also sends alert notifications to the users.

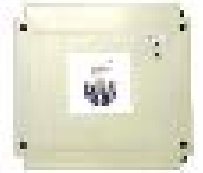
Product USP

- Live updates and alerts from the field.
- Providing detailed analysis (using charts and dashboards) and tracking intrusions for devising necessary actions in future.
- Providing area, region, district, and state wise record visualizations.

Smart Energy Saving



Water level Controller



1000+

Number of farmers benefitted



500+

Paid Customers



Gravity Pest Solutions

The best solution for pest

Founder: Vasanth Kumar K M, Surya B, Surendhar S

Email: vasanth98.utg@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

- Lack of viable options for Integrated Pest Management on the field.
- High cost of the existing traps.

Tech Brief

Developed a 7 in one trap which includes light trap, yellow sticky trap, blue sticky trap, pheromone trap, water trap, fruit fly trap, bird perches for complete IPM on the field.

Product USP

Reduced insecticide usage and easy to handle.



2000+

Number of farmers benefitted



1000+

Paid Customers



Libaka Renewables Pvt. Ltd.

Go solar, be sustainable

www.libakarenewables.com

Founder: Devendiran N

Email: ndeva69@yahoo.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

Limited options for drying of produce at the farm gate.

Tech Brief

Developed a Hybrid Tunnel Solar Drier that can dehydrate the crops and help increase their shelf life and also make them easy to be transported.

Product USP

Can operate 24/7. Also making solar based pumps.



500+

Number of farmers benefited



10

Number of products in the market



100+

Paid Customers



Sesha Purification Plant

Taste life in every single drop
www.libakarenewables.com

Founder: P. Padma Priya

Email: seshaplant22@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

Lack of a sustainable solution for desalination of water for irrigation related usage.

Tech Brief

Developed an automated Desalinator and Irrigator device operated using solar energy with double slope solar still with rotating cylinders for enhanced evaporation and condensation, which doubles the output.

Product USP

- Simple to use and portable.
- Economical in comparison to RO desalinators.
- Effective for hydroponics-based farming as well.



250+

Number of farmers benefitted



50+

Paid Customers



Agram Agro Tech

Agricultural Automation Solution

Founder: Gokul Raja N

Email: nvgokulraja@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: NIAM, Jaipur

Problem Statement

Time intensive nature of manual plantation of crops, further aggravated by shortage of skilled labour.

Tech Brief

The startup has developed mechanical implements that require only 1-2 semi-skilled labour to be operated and can be attached to tillers and tractors for crop plantation.

Product USP

- Simultaneous Furrow Formation and Planting.
- Innovative dispenser mechanism with the ability to plant large number of saplings without any intervention.



100

Number of farmers benefited



50+

Paid Customers



Agri-Jawan Innovations Pvt. Ltd.

We are aiming to create electric devices that will help the society in smart way.

Founder: Afroza Shaik

Email: frootishaik@gmail.com

Foundation Year: 2021

Location: Andhra Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of a viable solution to mitigate the soil pollution caused by excess usage of chemical fertilizers and pesticides.

Tech Brief

The startup's solution deploys IoT, AI, Image Processing and RPA to determine the optimum amount of pesticides and fertilizers needed in the farm thus preventing their over usage.

Product USP

- Uses a range of advance technologies.
- Provides data-based advisory to farmers.



100+

Number of farmers benefitted



Krishigati Pvt. Ltd.

Krishigati

www.krishigati.com

Founder: Tukaram Bhikaji Sonawane

Email: sonawane.yuram@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: NIAM, Jaipur

Problem Statement

Lack of multipurpose machinery for carrying out multiple farm operations.

Tech Brief

Multi-utility agricultural machinery that can perform operation in food-grain crops, selective vegetables, sugarcane, as well as fruit farms, and can manoeuvre through the field even upto a crop growth of 2.5ft for precision sowing, soil hilling/earthing up/ridging operations.

Product USP

- Axle-less Electric Bail/Bull for inter-cultural operations of all kind of Food grain crop and selective Vegetables.
- Cost effective by performing multiple inter-cultural operations.
- High ground clearance, could enter the farm with crops till the height of 2.5 feet.



200+

Number of farmers benefitted



50+

Paid Customers



7 States

Geographical Coverage



Alphaev Technologies Pvt. Ltd.

Our company manufacturing agri equipment, automation, machinery, retrimting and custom desined product.
www.farmev.com

Founder: Chinmayee Patra

Email: chinmayee9337@gmail.com

Foundation Year: 2019

Location: Odisha

Incubated at: National Rice Research Institute, Cuttack

Problem Statement

Lack of innovation and mechanization in basic farming work such as cleaning, transportation of goods, personal mobility, etc... demand a lot of physical effort and time of small and marginal farmers.

Tech Brief

The startup has developed innovative electric products for basic farm activities to support the small and marginal framers.

Product USP

Reduction of time and labor in the process of dairy, poultry farm cleaning, on-site transportation of farm produce, goods, and equipment, and effortless personal mobility. The manual cow dung cleaner is designed to be a low-cost and labor-reducing alternative to picking up cow dung from the floor, collection, and easy disposal. With the help of the remote-operated electric vehicle, utility activities inside a farm can be done remotely without a driver.



200

Number of farmers benefitted



12

Number of products in the market



50+

Paid Customers



Adaptive Agritech Solutions Pvt. Ltd.

Simple and Affordable
www.aats.in

Founder: Sharad Patil, Nandita Yenagi

Email: info@aats.in

Foundation Year: 2018

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Inefficient Conventional Methodologies of Fertilizing and Drenching. Resulting in wastage of fertilizer up to 50%, Growth of weeds, Decrease in soil fertility. Eventually affects the overall income of farmers.

Tech Brief

The startup provides Smart FeDS, an affordable sensor-based Fertilizer feeding device that can place any fertilizer inside the soil. saving fertilizer, labour and eventually increasing soil fertility.

Product USP

- Any type of fertilizer can be fed.
- Below soil surface.
- Spot or Inline application.
- Quantity can be adjusted on the go



2000+

Number of farmers benefitted



1000+

Paid Customers



Pan India

Geographical Coverage



Agrimitra Plug-In

Plug-in Platform Agriculture 4.0 & 5.0
www.agrimitra.com

Founder: Raju Patil

Email: callerinfoid@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The lack of cost-effective and efficient weed management methods and products increases the cultivation cost and time associated with the weeding activity.

Tech Brief

The startup provides IoT Weeding Solution with USB Plug-in. Kills Weeds at Sprout Stage (ie Two Leaves)

Product USP

- Sprout Weeder Pull Kills Weeds at Sprout Level i.e. Two Leafs.
- Saves Labor costs by 30 to 40 percent Per Task & Weeds by 80 to 90 percent
- Change Weeding Time, Technique, Style & Practices. Thus Increase Yield
- Reduce Herbicide Spraying.
- Reduce Body Strain & Pain.



100+

Number of farmers benefited



50+

Paid Customers



Kissanconnect LLP

Connecting technology to farmers

www.kissanconnect.com

Founder: Abhishek Bembalgi

Email: abhi.bembalgi@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technology to perform multiple field operations at the same time increases the labour, fuel, and procurement cost to the farmer.

Tech Brief

The startup has developed a multifunctional attachment for tractors called cultivators which as a single attachment, has the capacity to do the work of a cultivator, and rotavator simultaneously in a single go thereby reducing the time, labour, and fuel cost.

Product USP

- The product is a multifunctional attachment for tractors that has the capacity to do all the basic land preparation activities up to seed sowing and is available to farmers at a 10% lower cost compared to that buying multiple attachments individually.
- Requires reduced operational cost, ease of operation, and improved efficiency in work with no personal maintenance and caretaking. The product takes less operational timings due to combined operations hence the customer can cater to more farmers per day with higher profit margins.
- Reduced overall Renting cost by 16% to small farmers who don't own a tractor.



250+

Number of farmers benefited



50+

Paid Customers



Krishitharanga Farmtech LLP

About Krishitharanga FarmTech LLP is specialises in developing unique solution for sustainable agriculture through novel precision tools and services.

www.krishitharanga.in

Founder: Girish G Badragond

Email: ggbadragond@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Farmers are facing the following issues during cultivation practices; Lack of skilled labour, hiigh cost of operations of farm machinery, loss of crop due to animals and birds.

Tech Brief

The startup has developed a solar-powered tiller with eight functionalities such as sowing, tilling, and grass-cutting. The solar power in this equipment can also be used as a battery power source.

Product USP

- Sustainable agriculture through innovation.
- Renewable energy-based machines to save fuel costs of agricultural processes.
- Multitasking-enabled equipment can be operated by women farmers as well.



500+

Number of farmers benefitted



10

Number of products in the market



300+

Paid Customers



Oscillo Machines Pvt. Ltd.

Modernizing Farming with Indigenous Solution on Local Problems

www.oscillomachines.com

Founder: Prajwal M

Email: prajwal@oscillomachines.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The absence of cost-effective farm machinery products for small and marginal farmers and the unavailability of labour often leads to delays in agriculture operations.

Tech Brief

The startup is building "All-Electric Farm Machinery", mechanizing the traditional practices, making its adoption easier among small and marginal farmers of our country.

Product USP

- Traditionally grown seedlings can be transplanted.
- 18-21 cms length of seedlings can be transplanted
- Electronically controlled transplanting mechanism.
- Light in weight and women-friendly machine.
- Promoting SRI spacing among farmers.



Pilots conducted with 100+ farmers

Number of farmers benefitted



Urvi Agrotech Solutions Pvt. Ltd.

Transforming lives with innovative thinking and better design

www.urviagrotech.com

Founder: Niket Bidikar

Email: urviagrotech@gmail.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: UAS, Dharwad

Problem Statement

Lack of cost-effective and multi-crop multifunctional intercultivation tools for farmers

Tech Brief

The startup is providing low cost sustainable mechanized tools for weeding and other intercultivation practices, which can be used for multiple crops.

Product USP

The product is multifunctional, easy to use, easy to deploy, supports all-terrain, all crops, is cost-effective, sustainable, and environment friendly.



Pan India

Geographical Coverage



10000+

Number of farmers benefitted



08

Number of products in the market



5000+

Paid Customers



Vignyanworx Pvt. Ltd.

Deep Knowledge Swift Action

Founder: Ashok Kadarmandalgi

Email: vignyanworx2016@gmail.com

Foundation Year: 2016

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

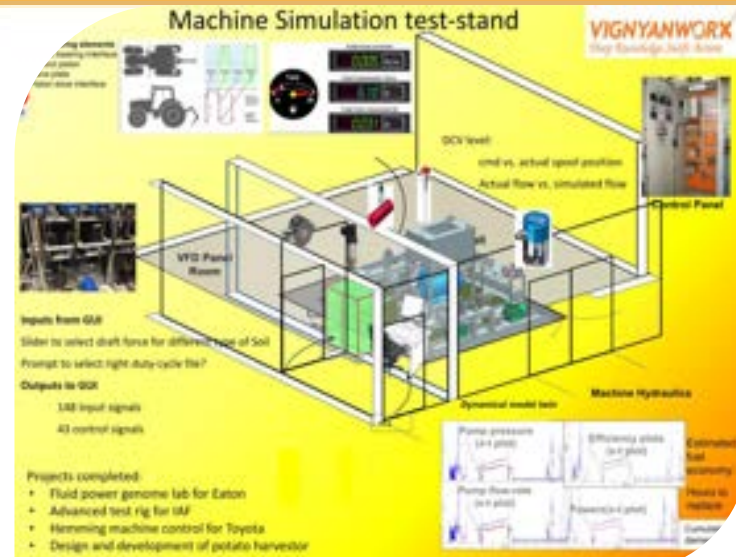
Present tractors are not suitable for inter-row movement due to higher weight, low ground clearance, fixed tread, and use of bigger and multiple machines unsuitable for Indian land holding patterns, and farming practices

Tech Brief

The startup has a single machine with Provision for fixing all implements. Hydraulic Power can be easily taken at implemented with a main objective to develop a Multi-Utility, Low-cost small Tractor with low soil compaction, better fuel efficiency, and versatility with integral solution total farming needs

Product USP

Potential for Design registration & Patent, Flexible Hydraulic power can be attached for needed implement directly, Hydro-tiller reduces soil compaction, increases soil porosity compliments organic activities, Can be used thought the year by small farmers



Pan India

Geographical Coverage



500+

Number of farmers benefitted



05

Number of products in the market



300+

Paid Customers



Wormbotics Technologies Simplified LLP

More Yield is Directly Proportional to More Profit

Founder: Manjunath Gayakawad

Email: manjunathgayakawad.casp@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Current mini tractors with sprayer tank require more space, it is costly with high maintenance cost, and refilling and movement in the field is difficult during the rainy season.

Tech Brief

The startup has Remote controlled agriculture robot, mainly used for spraying a mixture of water and pesticides with smart technology, effective in operations, increases efficiency, and cost-effective.

Product USP

- The product is cost-effective compared to existing products.
- Reduces farmer efforts by doing smart work.
- The product has an adjustable sprinkler, the height of sprinklers can be adjusted depending upon plants height, also it shows both temperature and soil moisture.



100+

Number of farmers benefitted



50+

Paid Customers



Vinglob Greentech India Pvt. Ltd.

We provide Precision farming Solution with tech Innovation
www.vinglobgreentech.com

Founder: Anjil Anvin Jain

Email: visiongreentechindia@gmail.com

Foundation Year: 2016

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

Lack of chemical free alternative for integrated pest management.

Tech Brief

Developed a solar powered, UV-light trap-based product to trap flying insects and control the damage caused to the crops.

Product USP

- The device works on Solar energy and is 100% eco-friendly.
- One device covers 1 acre of land.
- Can reduce the usage of pesticides up to 40%.



7 States

Geographical Coverage



3000+

Number of farmers benefitted



2000+

Paid Customers

Varadvishwa Automation LLP

Founder: Harshad Magar

Email: harshadmagar@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Limited availability of technological interventions to address the manual pesticide spraying issues in the farm.

Tech Brief

Developed a fully automatic agricultural spraying machine.

Product USP

- A smart machine that saves time for each productive day.
- Reduces/minimizes the harmful effect of pesticides on farmers and agricultural.
- Overall time management and increased per day efficiency of the farm operation.
- Travel Path between crops is maintained through digital mapping and geofencing.



100+

Number of farmers benefited



50+

Paid Customers



Thambal Leima Mycelia

Development of Machine/ Instrument for dewatering the sterilized mushroom substrate.

Founder: Brahmacharimayum Khogen Sharma

Email: mycelia.manipur@gmail.com

Foundation Year: 2012

Location: Manipur

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Absence of a quick process for removing free water present in the sterilized mushroom substrate (paddy straw, wheat straw, sugarcane bagasse, banana leaf etc).

Tech Brief

Developed a technology for centrifugal forced based removal of free water present in sterilized substrate.

Product USP

- Addresses prevention of Mushroom substrate contamination between sterilized substrate and inoculation of spawn by reducing the waiting period.
- Centrifugal spinning to maintain 60 to 70% of moisture within 5 minutes which normally takes 24 to 48 hours.



100+

Number of farmers benefitted



50+

Paid Customers



Nainpur Hydroenergy Pvt. Ltd.

Our company have tow directors and one technical advisor
www.nainpurhydroenergy.com

Founder: Shiv Kumar Thakur

Email: shivthakur493@gmail.com

Foundation Year: 2017

Location: Madhya Pradesh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

High cost of irrigation owing to high fuel and electricity consumption in existing irrigation systems.

Tech Brief

Developed a proprietary hydropower pump that operates through water stream on elevated area without consuming fuel or electricity.

Product USP

- No operating costs and zero maintenance
- Environment friendly
- Easy to install
- Gearbox and waterwheel design based on water stream



100+

Number of farmers benefitted



50+

Paid Customers



BBC Straw Seeder

We avoid straw burning by making direct seeds sowing machine.

Founder: Kuljeet Singh

Email: bbcagropunjab@gmail.com

Foundation Year: 2019

Location: Punjab

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of a viable solution to address the straw burning problem resulting in pollution, and delay in sowing of wheat in the next crop sowing cycle.

Tech Brief

The startup has developed a machine that enables to farmer to sow wheat without burning or removing the paddy straw from the field.

Product USP

- Low horsepower tractor (35 HP) is required to operate the machine.
- Only 3-4 litres of diesel is required per acre.
- Distance between two rows is 7-8 inches, which is lower than that in existing seeders (9-10 inches).



500+

Number of farmers benefitted



80+

Paid Customers



VertoX Labs Pvt. Ltd.

Intelligent solutions for tomorrow's world, today!

Founder: Salomi Dabral

Email: salomi.nautiyal@gmail.com

Foundation Year: 2021

Location: Orissa

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

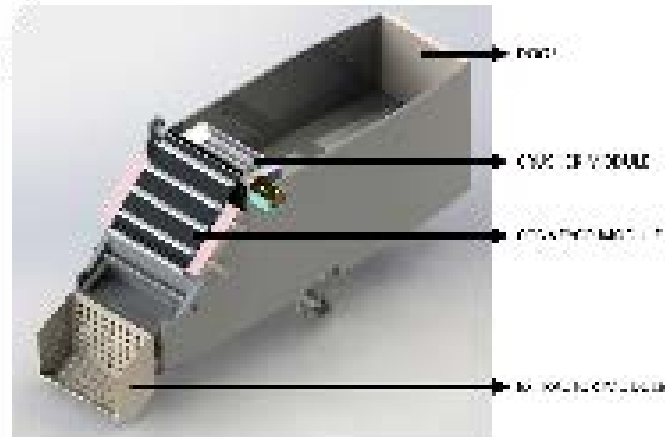
Lack of a technological solution for removal of aquatic weeds such as water hyacinth in reservoir, canals, and village ponds, thus restricting the use of water for drinking, irrigation, and other uses.

Tech Brief

Developed an IoT enabled remote based machine for cleaning and crushing of aquatic weeds.

Product USP

- Building a modular, decentralised machine that can be used for dehydration of weeds to reduce moisture content to <5% (most aquatic weeds are made up of 60-80% of water)
- Assembled and ready to deploy at weed clean-up sites within an hour.
- Reducing the transportation costs associated with harvested weeds w/o processing vs with processing by almost 30%
- To reduce CAPEX by 40% and OPEX by 50%



10+

Paid Customers



50+

Number of farmers benefitted



Bi-Sons Pvt. Ltd.

Manufacturing Unit of Machinery equipments of Agricultural and Forestry machinery

Founder: Lalbiakzuala Ralte

Email: raltebz@gmail.com

Foundation Year: 2021

Location: Mizoram

Incubated at: NIAM, Jaipur



Problem Statement

Lack of a mechanized solution for de-husking Areca Nut & Betel Nut which is presently done manually and is a injury prone as well as time consuming task.

Tech Brief

The startup has developed a machine that separates the husks from Areca/Betel nut and cleans the inner nuts covered by a hard shell.

Product USP

- Easy to operate and service.
- Useful to generate employment in the rural and urban areas.



10 States

Geographical Coverage



5000+

Number of farmers benefitted



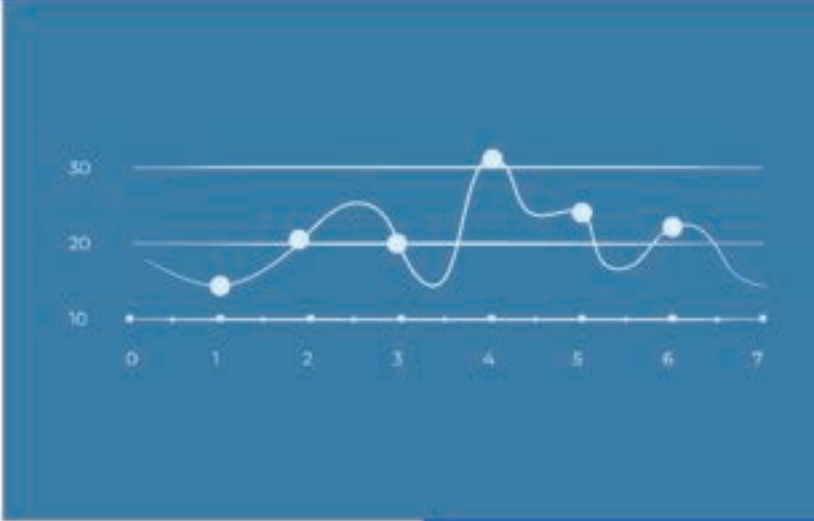
2500+

Paid Customers

02

PRECISION AGRICULTURE

NextGen innovators using artificial intelligence, internet of things, and data analytics to revolutionise the way we do farming.





Daybest Research Pvt. Ltd.

From Grain to Gain
www.daybest.in

Founder: Devesh Kumar Jha

Email: devesh@daybest.in

Foundation Year: 2017

Location: Bihar

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

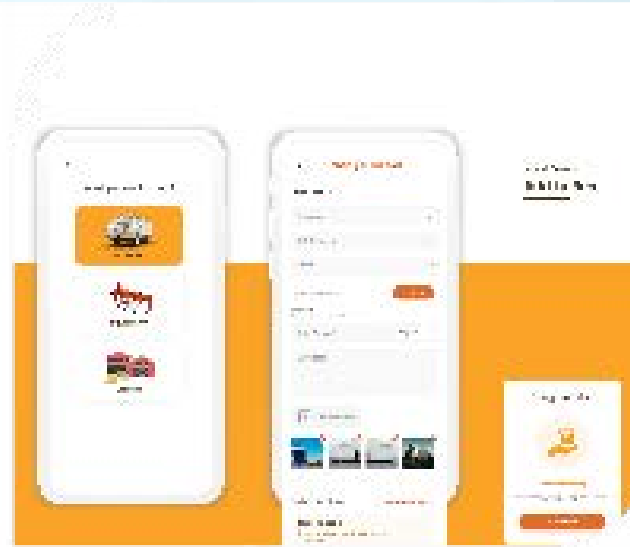
Limited availability of mechanized precision spraying solutions for farms.

Tech Brief

Developed a fully autonomous precision spraying drone 'Krishakti' for spraying of various fertilizers, pesticides etc. on the farm. The smart spraying system is integrated with advanced airborne aerostucture, sensor suits and vision-based computation which incorporates algorithm fed with specific crop type, soil type, moisture, weather, viscosity of spraying liquid, leaf type and pattern.

Product USP

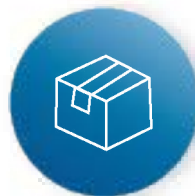
- Patent Pending Auto Adjusting Nozzle & Sprinkling System
- Prediction Intelligence
- Pay Per Use
- Early-Stage Disease Detection
- 70% efficiency



200+
Paid Customers



175000
Number of farmers benefitted



12
Number of products in the market



6+ States
Geographical Coverage



Farmore Agrotech Pvt. Ltd.

Cultivating ideas
www.farmoreagrotech.in

Founder: Parag Raghunath Kondhare

Email: farmore.agrotech@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of auto soil drenching solutions for precise fertigation of crops.

Tech Brief

Startup has developed an auto soil drenching device 'Swasti' for precise drenching of any water-soluble fertilizers and nutrition to any horticultural plant.

Product USP

- The device can be attached to the charging socket of any battery sprayer pump.
- The quantity can be customized to enable uniform growth of plants with high yield.
- Drenching can be done with Maximum Accuracy.
- Will overcome Difficulties in Existing Drenching Methods i.e. Manual and Drip irrigation system.
- Safe practices while handling the pesticides - User can set volume/quantity of water soluble to drench between 10ml-500ml* as per the need.
- Payback Period of 4-5 usages.



4000

Number of farmers benefited



3500+

Paid Customers



Pan India

Geographical Coverage



Harvest Global (SSP) Pvt. Ltd.

Value Chain Ai Company
www.hgsystems.in

Founder: Preeti Chaudhary

Email: preeti@hgsystems.in

Foundation Year: 2021

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Fragmented and unorganized intelligence and information System across Agri Value Chain on Crop Planning, crop health and demand-supply dynamics

Tech Brief

AI based imagery analytics for crop monitoring and forecasting. The innovative system has a unique value creation model with capability to customize the decision making system for help in overcoming crop production challenges and improve operational efficiency.

Product USP

- Tech. and product POCs across diverse agro climatic zones ensuring best in class data accuracy . Integrated tech. stack serving all data and research needs
- Strong ecosystems partners ranging from satellite data partner , growth partners to Diversified Team



50000+

Number of farmers benefitted



50+

Paid Customers



5 States

Geographical Coverage



Infarmsys Technologies Pvt. Ltd.

To democratize Agri technology to all the farmers in the world, esp small & marginal farmers, and contribute towards food security to tackle the Food crisis in 2050 to feed 9 billion people.

www.farmsys.co

Founder: Prakash Vivekanandan

Email: prakash.vivek@farmsys.co

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Problems faced by farmers:

- Lack of access to modern agri-technologies
- Overuse of chemical pesticides and fertilizers

Tech Brief

A Smart affordable & portable IoT based Soil Sensor for precision farming solution with Instant results.

Product USP

- The startup offers various innovative solutions such as sensor based digital solution for:
- Soil health data, farm & farmer digitization
- Balanced use of fertilizers



3500+

Number of farmers benefitted



05+

Number of products in the market



2000+

Paid Customers



Satyukt Analytics Pvt. Ltd.

Actionable Earth Observation for Sustainable Development.
www.satyukt.com

Founder: Dr. Sat Kumar Tomer

Email: sat@satyukt.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Production risk and challenges for farmers and the lack of regional crop analytics for agribusinesses.

Tech Brief

Startup's SaaS based products leverage innovative technologies like remote sensing, big data analytics, artificial intelligence, and machine learning, to offer end-to-end near real-time analytics along with historical data and insights for better decision-making.

Product USP

- Image based pest/disease diagnostic
- Actionable insights on soil, crop, water, fertilizer, and pesticides,
- Saves time and money on farm operations



20000+

Number of farmers benefitted



100+

Paid Customers



Pan India

Geographical Coverage



AgroNxt Services Pvt. Ltd.

IoT powered SaaS Platform for Agriculture
www.agronxt.com

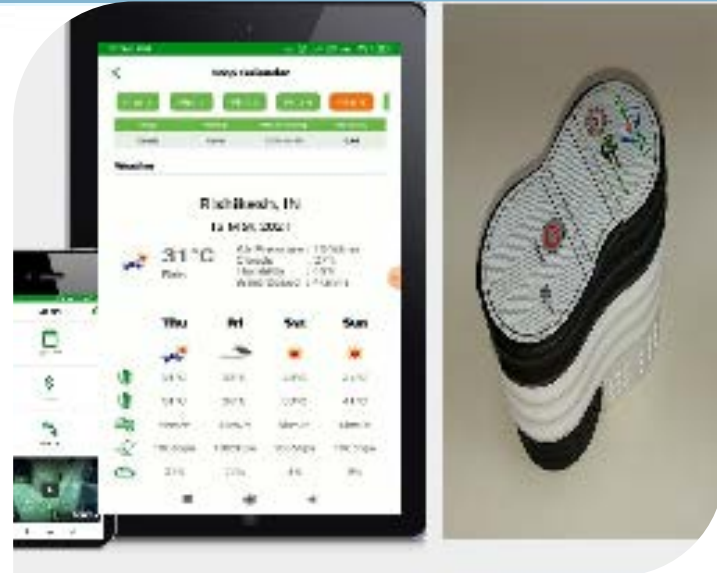
Founder: Rajat Vardhan

Email: rajat@agronxt.com

Foundation Year: 2016

Location: Delhi

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Lack of reliable information and services to farmers for precise farming applications.

Tech Brief

IoT powered SaaS Platform providing reliable data based advisory, products, and services to farmers.

Product USP

Affordable, Integratable, Scalable



1000+

Number of farmers benefited



100+

Paid Customers



5 States

Geographical Coverage



Aumsat Technologies LLP

Groundwater Detection from Space
www.aumsat.com

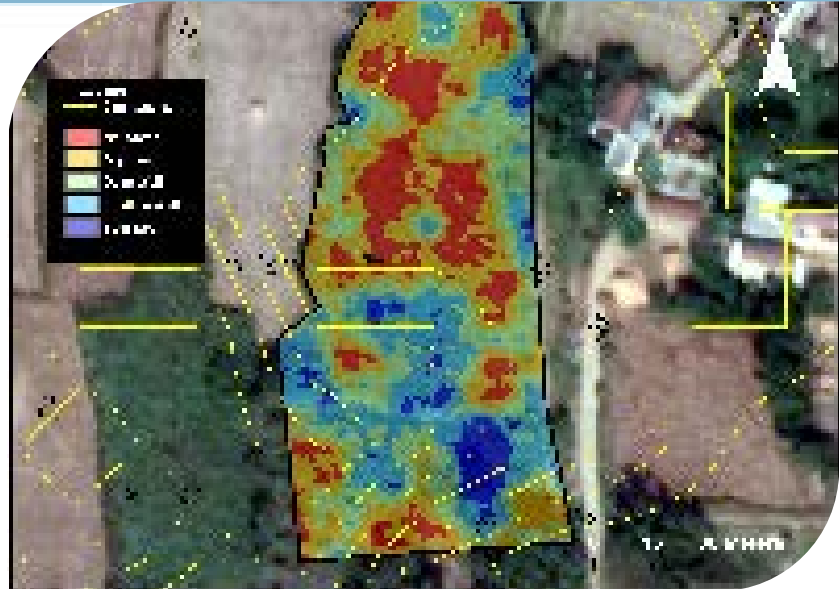
Founder: Riddhish Soni

Email: rcsoni93@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: NIAM, Jaipur



Problem Statement

Difficulty in locating underground water sources without technological interventions resulting in reliance upon time intensive, expensive, and unreliable conventional methods.

Tech Brief

Aumsat deploys satellite imaging, in combination with other hyperlocal data sets and processes them for detecting, predicting, and forecasting underground water resources, without physical presence on the field.

Product USP

- Certified scientific method for groundwater discovery.
- Precise location of potable groundwater source in drought-hit areas.
- Affordable technology for small farmers.
- Reduced NPA of banks and financial institutions.



5000+

Number of farmers benefitted



3200

Paid Customers



**Pan India, Africa,
South-East Asia, Europe**
Geographical Coverage



Fyllo

Precision agriculture using IoT, AI and agronomy
www.fyllo.in

Founder: Sudhanshu Rai, Sumit Sheoran

Email: sudhanshu@fyllo.in

Foundation Year: 2019

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of real-time data and expertise to farmers for making informed decisions resulting in low productivity, crop loss due to diseases and pests, and excessive irrigation.

Tech Brief

Startup uses IoT device to collect real-time farm data which is processed using machine learning and agronomy algorithms to generate actions and insights accessible to the farmer through a mobile app.

Product USP

- Providing complete agronomy solutions for crops.
- Reducing the risks in farming by a significant margin.



5000+

Number of farmers benefitted



2000+

Paid Customers



12 States

Geographical Coverage



Krishak Kalyan (Spark Green Ventures & Innovations)

One stop solution for farmers
www.krishakkalyan.com

Founder: Ankit Raghuwanshi

Email: teamspark.innovations@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

Problem of duplication, adulteration, and unavailability of quality input-output products.

Tech Brief

The startup through its intelligent farming digital platform provides end to end solutions from crop input to crop output for farmers based on crop type.

Product USP

- Creating a transparent marketplace to provide direct market access to farmers and a reliable supply chain for large institutional buyers.
- Through its "Last Mile Connection" services, it provides continued direct on-field monitoring over quantity and quality over the produce growth cycle.
- Providing support to the farmer to sell their produce at a comparatively better price.



20000

Number of farmers benefitted



10000+

Paid Customers



Xpertnest Solutions Pvt. Ltd.

Xpertnest is dedicated to build smarter systems that create a more intelligent world for mankind.

www.xpertnest.com

Founder: Chintan Panara & Pradip Butani

Email: pradip.butani@xpertnest.com

Foundation Year: 2014

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi



Problem Statement

Lack of reliable data for farm & disease management.

Tech Brief

The startup is working on a solution that will provide accurate data on plant health, yield/productivity, plant growth, water level, tolerance level, disease identification, and quality of crop.

Product USP

- Reliable data.
- Ground level reach.
- Tech-enabled solution.



7000+

Number of farmers benefitted



3000+

Paid Customers



Pan India

Geographical Coverage



Klonec Automation Systems Pvt. Ltd.

Harvesting Happiness
www.krishitantra.com

Founder: Sandeep Kondaji

Email: sandeep.kondaji@krishitantra.com

Foundation Year: 2017

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited availability of rapid soil testing solutions for farmers.

Tech Brief

A portable, automated soil analysis system that has been designed to provide rapid results of soil nutrients with customized agronomy

Product USP

- Rapid and Automated Soil Testing in less than 30 minutes.
- Avoids the barriers for farmers in accessing soil testing laboratories
- Spot sampling, with results that are extrapolated to a wide range of producers
- Crop and region-specific instant agronomic advisory to the farmers



1000+

Number of farmers benefitted



50+

Paid Customers



Octaflyte Technologies Pvt. Ltd.

Using UAVs to enhance agriculture.
www.octaflyte.com

Founder: Umang Kalra

Email: info@octaflyte.com

Foundation Year: 2020

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

Problem Statement

Lack of affordable hi-tech hardware & software system for collecting crucial farm data which can help in better farm management.

Product USP

- Low-cost technology - Affordable hardware & software system for field data collection.
- Field map for farmers - Cloud platform to process survey data & generate health maps for agricultural purpose.
- Review the survey data - User friendly web platform for users to view and analyse their data anytime.

Tech Brief

The startup has developed a low-cost UAV for farmer's field survey. UAVs capture the important data of the crop & field which is then uploaded to cloud platform for generating the farmer's field map.



200+

Number of farmers benefitted



100+

Paid Customers



6 States

Geographical Coverage



Craftcomm Farms Pvt. Ltd.

Integrated Digitised Economical Aquaponics for Farmers.

www.mystiqgarden.com

Founder: Vijay Yelmalle

Email: yelmalle@gmail.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- Unavailability of hydroponic/aquaponic solutions for farmers and limited adoption of the available technologies.
- Lack of market linkages for hydroponic/aquaponic produce.

Tech Brief

The startup helps farmers in setting up of smart-automated hydroponic/aquaponic farms using IoT, AI, and Sensors. It buys the produce grown by these farmers thus giving an assured market to them.

Product USP

- Aquaponic farms diversify the farmer's produce by providing an option to breed fish in the tank and grow vegetables using that water.
- Symbiotic setup where fish consume the microelements generated by the plants and fish remains give nutrition to the plants.



100+

Number of farmers benefitted



75+

Paid Customers



Innoweave Biocare Pvt. Ltd.

Weaving Innovations for Smart Future

Founder: Priyankar Shivhare

Email: priyankarkshivhare@gmail.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Problems in aquaculture:

- High mortality rate
- Wastage of feed
- Lack of water quality monitoring solutions

Tech Brief

The startup has developed a product that combines Computer Vision, Artificial Intelligence, and IoT for automated and hassle-free real time biomass estimation and water quality monitoring.

Product USP

- Smart system that alerts the farmer in real time of suboptimal levels within the pond/tank and allows for timely interventions.
- Option to completely automate the farm management by automating Feeders, Aerators, etc.
- Optimal growth and feed condition increases yield which increases the profitability.



100+
(During trail phase)
Number of farmers
benefitted



JyoSH AI Solutions Pvt. Ltd.

Improving productivity and profitability of Indian farmers leveraging Artificial Intelligence
www.jyoshrobot.com

Founder: Dr. Sharachandra Lohokare

Email: sharadchandra.lohokare@jyoshrobot.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of mechanized solutions for cotton farming and harvesting.

Tech Brief

Startup has developed a robot using 4 niche technologies like Advance Robotics, Computer Vision, Edge Computing, and Artificial Intelligence providing solutions for weed management, crop health monitoring and pest management in the cotton crop.

Product USP

End to end automation of cotton cultivation from seed sowing to cotton harvesting.



50+

(During trail phase)
Number of farmers benefited

Vrinda Agrifarm Technologies LLP

Technology to the fields,with Insights for right decision making

Founder:Divya Anjinappa

Email: vrinda.technologies21@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of automated solutions for fish weight estimation, feed controlling, and water quality monitoring.

Tech Brief

Startup has developed 'Drishti' an AIoT device (Artificial Intelligence of Things) for fish farmers. It uses a combination of AI and IoT, and provides real-time fish weight estimate, supports in fish feed control and timely harvest. It provides insights direct from the field through SMS, assists in farm management, reduces feed wastage and input costs, while supporting grid and off-grid power modes.

Product USP

- Non intrusive - Realtime fish biomass estimation system
- Fish feed optimization (enhanced FCR)
- Smaller foot print, Easy to use (information such as length , mass and
- water quality parameters sent to mobile via sms).
- Minimal power consumption, supporting grid and offgrid power modes.
- Can adapt to different marine environments



50+
(During trail phase)
Number of farmers
benefitted



Neerx Technovation Pvt. Ltd.

Evolving the next generation of climate resilient agriculture through our Smart Sensing Solution
www.neerx.in

Founder: Harsh Agrawal

Email: neeragriventures@gmail.com

Foundation Year: 2019

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Declining farm productivity due to climate change.

Tech Brief

The startup has developed a dielectric soil sensor “SHOOL: Smart Sensor for Hydrology and Land Application” based on Water Content Reflectometry and has been tested and proven to have an accuracy greater than 97% (reported by ISRO).

Product USP

Startup’s full stack agri-platform combines sensor and satellite data to provide crop and geography specific insights -

- Irrigation and Nutrient needs forecasted for 7 days specific to each farm.
- Spray scheduling
- Pest and disease management
- Growth and Yield management



5000

Number of farmers benefitted



250+

Paid Customers



11 States

Geographical Coverage



Physiz Agtech Pvt. Ltd

Data Driven Farming
www.phyfarm.com

Founder: Naveen Kumar Singh

Email: naveen@phyfarm.com

Foundation Year: 2017

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited availability of integrated solution for monitoring and management of irrigation, soil fertility, crop growth, pest & diseases, nutrient management etc.

Tech Brief

The startup has built and scaled a software platform with integrated wireless sensing and control system and caters to greenhouses, row crops and fruit growers.

Product USP

Wireless, Simple and Easy To Use



1000+

Number of farmers benefitted



50+

Paid Customers



Pan India

Geographical Coverage

Founder: Deepak Reddy

Email: deepak.rowbotix@gmail.com

Foundation Year: 2022

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of proper equipment and workforce shortage, especially for cotton sowing operation. Mechanical sowing equipment lack precision, operational flexibility, and reliability causing wastage of seed and land. Declining workforce has resulted in untimely availability and high labor cost. The problems highlighted result in lower productivity and increased input cost.

Tech Brief

The startup has developed a tractor driven Electronic Sowing Implement (ESI). The ESI is developed with the intention of (but not limited) to be used for cotton crop. The ESI with its proprietary design has the operational flexibility, reliability and precision that is needed in farms. It provides farmers with an advanced yet easy to use technology with low setup time.

Product USP

The multiple patents applied, covers the unique method of precise placement of seeds in the soil, which is needed for crops like cotton. The ESI is equipped with an innovative ground wheel braking mechanism that prevents wastage of seed.



50+

(During trail phase)

Number of farmers
benefitted



Trebirth Pvt. Ltd.

Destroying stem borers and not the stem

Founder: Mukund Choudhary

Email: trebirthindia@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of a solution to detect stem borers (xylophagous insects) in a timely manner before significant damage (above 60%) has been caused by them to the trees.

Tech Brief

A low-cost technology to detect the stem borer which help farmers to detect early pest infestation and has the potential to reduce pest damage.

Product USP

USP of the product:

- Uses a non-destructive method
- Identification of infestation at an early stage
- Helps in precise application of control measures
- Reduces yield loss and saving tree-life



100+

Number of farmers benefitted



Gourmecca Greens Pvt. Ltd.

Quality you deserve

www.gourmecagreens.com

Founder: Anupama Katewa

Email: anukatewa33@gmail.com

Foundation Year: 2019

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

The land under agriculture is reducing due to urbanization, and increasing problem of under-nutrition in the people living in urban areas.

Tech Brief

The startup is growing microgreens and other exotic vegetables in an enclosed container farm and providing them to the residents of urban areas.

Product USP

- Have 4-40 times more nutrition than mature crop
- Replacement to synthetic multi-vitamins and minerals



40+

Number of products in the market



1000+

Paid Customers



Black Eye Technologies Pvt. Ltd.

Let the Technologies heal the Nature
www.blackeyetech.in

Founder: Amandeep Srivastava & Harminder Singh
Email: amandeep@blackeyetech.in
Foundation Year: 2020
Location: Punjab
Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Excessive ground water extraction by farmers leading to underground water depletion.

Tech Brief

The startup has developed Irrigation Alert 1.0, an AI enabled device that prevents water wastage during by enabling precision irrigation in farming.

Product USP

- Stores the soil health parameters and water parameters on cloud.
- It also stores the decision taken by the farmers on cloud like pumping hours and fertilization.
- AI System Process the data by the central cloud control system & Train the Machine.
- After 2 Years Irrigation Alert 2.0 will automatically take decision for Irrigation and Fertilization recommendation.



500+

Number of farmers benefitted



100+

Paid Customers



Prakshep Pvt. Ltd.

Live Autonomous Farm Surveillance
www.cropcare.org, www.prakshep.com

Founder: Sameer Kumar

Email: sameer@prakshep.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

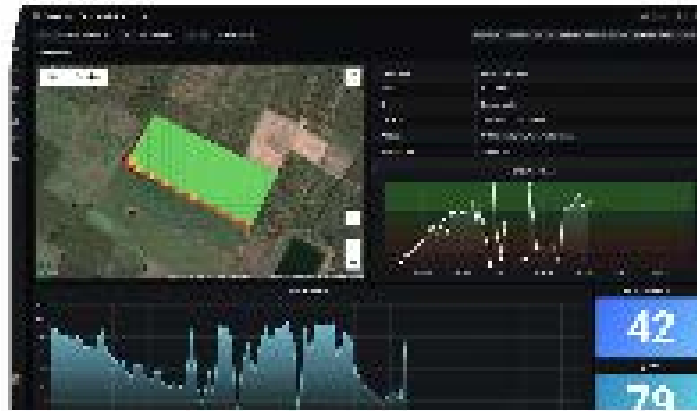
Limited solutions for farm surveillance to monitor pest and diseases, plant health, irrigation, among others.

Tech Brief

The startup has developed a farm monitoring system that processes satellite images to accurately monitor the stress and health of the crops using neural networks inspired by graph networks.

Product USP

- Autonomous monitoring at a 3-day frequency to monitor farms in near-real time
- Advise the farmers about the crop stage-stress and the needed surveillance.
- The end-to-end pipeline is human free enabling scale across geographies very easily.



10 Lac

Number of farmers benefitted



100+

Paid Customers



Pan India

Geographical Coverage



Hanol HydroAgri LLP

Growing residue free exotic vegetables using Hydroponics
www.hanolhydroagri.com

Founder: Saurabh Rathore

Email: rathore.saurabh@hotmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Unavailability of fresh residue free exotic vegetables in market for consumption.

Tech Brief

The startup is working on growing exotic vegetables using Hydroponic technology to cater to various hotels and households. The vegetables are residue-free and immediately shipped, hence healthy and fresh.

Product USP

- Residue free.
- 100% fresh.
- Highly nutritious
- Uses very less resources compared to traditional farming



500+

Number of farmers benefitted



10+

Number of products in the market



Nirmala Agro Fresh

Founder: Bharat Bhushan

Email: bharatbhushan.bilaspur@gmail.com

Foundation Year: 2016

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur



Problem Statement

- Scarcity of seeds of potential tuber crops such as elephant foot yam, greater yam, yam bean, taro etc.
- Monkey prone area for traditional crops.

Product USP

Single source of seed for various varieties in Himachal Pradesh.

Tech Brief

The startup is mass-multiplying tuber crops seeds and making them available in non-conventional areas of Himachal Pradesh while providing technical know-how for cultivation of potential tuber crops (Seeds to seeds) through training and support of leading institutions of country.



1100

Number of farmers benefitted



10+

Number of products in the market



200+

Paid Customers



Nathan's Agro Technology

A solution is in your Hand
www.agrisahayak.com

Founder: Arpan Singh Rajput

Email: nathansagrotech@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Traditional methods of identification of plant leaf diseases are time-consuming process.

Tech Brief

The startup developed the “Agri Sahayak” mobile application which detects plant leaf diseases with high accuracy in less time and also suggests prevention methods to help the farmers.

Product USP

- High speed and accuracy is the key advantage over other algorithms and provides prevention methods.
- User-friendly approach.
- 24*7 available customer support for the user.
- Pesticides vendors connectivity.
- The app is available in Hindi and English Language.



1000+

Number of farmers benefitted



200+

Paid Customers



Enviraj Consulting Pvt. Ltd.

Protecting the environment for sustainable development
www.enviraj.com

Founder: Rajdeep Pandey

Email: er.rajpandey@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Highly inefficient usage of water in farming, leading to declining water table and shrinking fresh water resources, and limited availability of precision solutions for optimizing the same

Tech Brief

Startup has developed a lot based smart irrigation system that increases the water use efficiency.

Product USP

- Irrigation can be controlled remotely.
- Increases water savings by up to 30%.
- Increases crop yield by up to 20%.



200+

Number of farmers benefitted



100+

Paid Customers



GR Agritek Labs Pvt. Ltd.

Green Revolution Technology Driven

<https://www.gragriteklabs.com/index.php>

Founder: Raghu Burli N

Email: raghu.bn@gragriteklabs.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Cotton, Coffee, Fruits, Veggies & Corn Plant pests cause damages upto 30% ~ 50% and farmers struggle to understand the timing of pest attack and respective timely remediation. Real time information of pest attack, infestation levels & handy solutions are missing.

Tech Brief

“Smart Pest Traps” capture the pests and extrapolate the data using vision camera to get real time data to farmers, service providers, drone sprayers etc to ensure timely remediation.

Product USP

- Organogel based pheromone traps are effective for entire crop season (long lasting + low maintenance).
- Real time information about pest infestation level is obtained.
- Remediation suggestions and leads to service providers.
- Information to farmers and contractors about crop health with real time monitoring
- Useful info to insurance companies with real time data.



500+

Number of farmers benefitted



300+

Paid Customers



10 States

Geographical Coverage



Kisaan Helpline

Kisaano ke hitkaari, desh bhar mein takneek humaari
www.kisaanhelpline.com

Founder: Yashwant Dhakad

Email: yash.dhakad@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

Lack of reliable information to the farmer about seeds, soil testing, fertilizers, and sowing methods.

Tech Brief

Startup has developed a digital platform (app and website) 'KISSAN Helpline' that provides accurate information and also products to farmers about soil testing, training, quality seeds, crop protection & nutrition, agriculture tools, and services at the village level.

Product USP

- One-stop solutions for all kinds of agri-advisory and inputs for the farmers at the village level.
- Farmers can buy genuine crop protection, crop nutrition, seeds, implements, and agri equipment & tools at their doorstep.



500+

Number of farmers benefitted



300+

Paid Customers



5 States

Geographical Coverage



Nirmala Shende Enterprises Pvt. Ltd.

Sampurna Krishi Samadhan

Founder: Pradeep Shende

Email: pradeep.10@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Problem Statement

Unavailability of services to farmers such as agri-inputs, customer hiring, land portal, extension services, finance, logistics, farm produce marketing etc.

Tech Brief

The startup through its mobile app provides complete end-to-end agri solution to farmers through a single mobile application and toll-free number.

Product USP

All the services needed from sowing to selling can be availed from single platform.



500+

Number of farmers benefitted



200+

Paid Customers



Ouranos Robotics

Ghar baithe kheti

www.ouranosrobotics.com

Founder: Prakhar Mani Tripathi

Email: prakharmanitripathi2@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi

Vishwa Vidyalaya, Jabalpur



Problem Statement

Unavailability of labour, high wages and time-consuming process of plantation of horticulture crops.

Tech Brief

Startup has developed a precision farming robot for autonomous plantation, irrigation, and monitoring of farming activities, which can be controlled from a mobile phone.

Product USP

Providing automation to farmers from the comfort of their homes.



100+

Number of farmers benefitted



20+

Paid Customers



Nurture Your Ideas Pvt. Ltd.

Krishi Samadhan, Samraddh Kisaan
www.nuiindia.com

Founder: Manoj Banwari

Email: nuiconsultant@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Lack of reliable information to the farmer about crop advisory, market opportunities, and technical knowledge.

Tech Brief

An integrated farm management platform based on a mobile application that utilizes artificial intelligence and ICT to generate crop advisory, market related inputs, and connects farmers to different service providers.

Product USP

- Agri Utsav Centres
- Crop Problem Monitoring
- Connectivity with the Experts
- Eco-Friendly Products



425

Number of farmers
benefitted



100+

Paid Customers



Absopure Global Solutions Pvt. Ltd.

We create sustainable solutions for all

Founder: Yashraj Sahu

Email: yashrajsahu2018@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur

Problem Statement

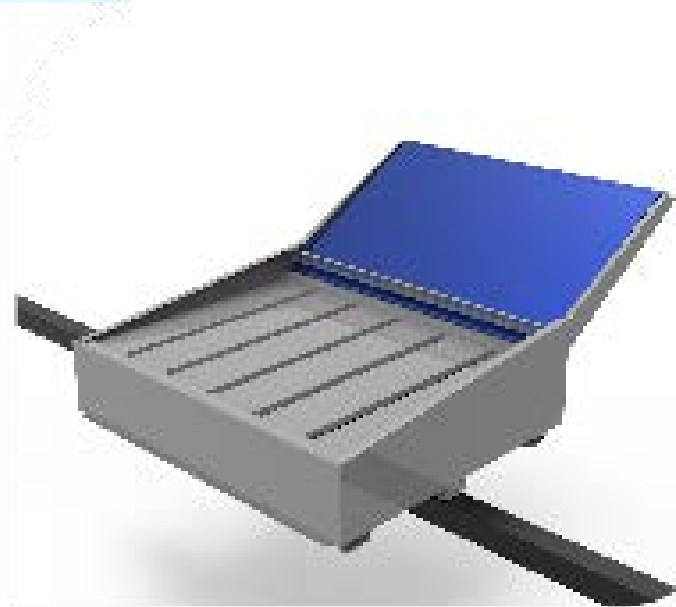
Inefficiency in conventional rainwater harvesting systems for filtering of rainwater, and limited area suitable for their installation.

Product USP

- Comparatively more efficient than the conventional rainwater harvesting system.
- Patented system.

Tech Brief

Startup has developed an Advance Harvesting Module System which is universally installable and provides drinking water from rainwater alongside multipurpose uses like electricity production.



91

Number of farmers benefitted



20+

Paid Customers



Aditya Bioinnovation Pvt. Ltd.

Innovation For Sustainable Agriculture
www.adityabioinnovation.in

Founder: Dr. Surjyoti Bagchi

Email: ssbagchi@rediffmail.com

Foundation Year: 2017

Location: Maharashtra

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Degrading soil quality, reducing yield, and carrying forward of residues in the human food chain due to sub-optimal usage of of chemical pesticides and fertilizers.

Tech Brief

Startup has developed plant based ecological nano fertilizers in a easy to transport packaging size.

Product USP

- Low volume - high potential 50 ml liquid per acre of crop.
- Easy to carry - lower transportation cost.
- Eco friendly - human friendly.
- Reduces chemical pesticide and fertilizer use.



1000+

Number of farmers benefitted



09

Number of products in the market



5 States

Geographical Coverage



Agrivate Consultants

Redefining The Agricultural Dynamics With Farmers
www.agrivate.co

Founder: Atul Pradhan

Email: agrivatehq@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Limited access to reliable agri information and knowledge resources, leading to poor crop selection, inefficient use of seeds, fertilisers and pesticides.

Tech Brief

AI based platform for farming management activities, and relevant information with Micro-Climatic Updates, Agri-Experts on Call and Chat, On-Demand Soil and water Testing, Plant Disease Detection, News and Crop related latest information, and Finance & Insurance Management.

Product USP

- Higher accuracy level.
- Affordable, easy operable, minimal setup and easy onboarding of farmers.



500+

Number of farmers benefitted



100+

Paid Customers



Agrowia Enterprises (OPC) Pvt. Ltd.

Development of technology based urban farming/
gardening system
www.agrowia.com

Founder: Yogesh Kumar Singh

Email: agrowiatech@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Unavailability of garden space in urban homes for kitchen garden.

Tech Brief

Tech-based automated gardening system for urban homes and institutions to make urban gardening and precision farming sustainable and profitable.

Product USP

- Automated precision gardening system designed for small urban spaces.
- Requires minimum efforts and low maintenance.
- Provides best cultivation platform for organic and natural gardening at home.
- Convertible and scalable designed for multi purpose use.



05

Number of products
in the market



100+

Paid Customers



AquaPlasma Solutions Pvt. Ltd.

Impacting Agriculture, Environment & Lives using Science & Technology

Founder: Amrisha Sharma

Email: amrisha@technocratplasma.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Limited availability of chemical free alternatives to pesticides and fertilizers.

Tech Brief

Producing Plasma System generated Plasma Water that can be used as a fertilizer and pesticide, and also improves Seed Germination Rate.

Product USP

High efficiency in comparison to traditional rain water harvesting system.



100+

Number of farmers benefitted



10+

Paid Customers



Dakshyesh Agrotech LLP

Happy Mushrooming

Founder: Kritagya Vishwakarma

Email: kritagya.vish@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur



Problem Statement

Contamination and mishandling of mushroom culture results into lower production and wastage.

Tech Brief

Developed a Liquid Mushroom Culture with almost 50% lesser contamination, easy to use and handle, and also reduces the production time.

Product USP

- Faster result: The cultivator no longer has to wait for spores to germinate.
- Reducing incubation time.
- Abundant Mycelium growth: 1cc spore solution can be used to create a large amount.



100+

Number of farmers benefitted



50+

Paid Customers



Greenfield Eco Solutions Pvt. Ltd.

Groundwater Targeting from Space: Making the Invisible Visible

www.greenfeldeco.com

Founder: Meha Dinesh

Email: mehadinesh@greenfeldeco.com

Foundation Year: 2012

Location: Rajasthan

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

- Conventional groundwater exploration methods are time intensive and inefficient.
- Lack of technological solutions for identification and management of groundwater resources.

Tech Brief

Startup provides satellite based, AI enabled, precision driven hydrological analysis for prospecting, exploration, targeting, and management of groundwater resources.

Product USP

- 90% accuracy in alluvial and 75% accuracy in hard rock terrains.
- Solar pump site suitability analyses for precision irrigation.
- Precise location of potable groundwater sources in drought-prone areas.
- Affordable technology for small farmers.
- Reduced NPA of banks and financial institutions.



5000+

Number of farmers benefitted



1000+

Paid Customers



12 States

Geographical Coverage



iAvenue Labs

Empowering agricultural experts by offering customised solutions in the space of Data analytics in agriculture
www.iavenuelabs.com

Founder: Yogendra Choudhary

Email: yogendra.choudhary@iavenuelabs.org

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Lack of access to data-based analytics for planning of farming activities.

Tech Brief

The startup works around data science techniques and machine learning models to devise analytical solutions for farmers and agri-businesses, though a SaaS based model.

Product USP

- The product aims to deliver near real time information about the fields which results into actionable insights.
- It offers clarity in terms of monitoring operations remotely.



1000+

Number of farmers benefitted



50+

Paid Customers



Prodromus Solutions

Hydroponics Farming

Founder: Jay Kumar Sahu

Email: jaykumarsahu2456@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of automated hydroponics solutions.

Tech Brief

A technology enabled micro-mini hydroponics system with automated fogging and facilitated micro-climate.

Product USP

- Conserves water.
- Produces higher yields.
- Maximizes Space. Hydroponics requires comparatively lesser space than plants grown in soil.



100+
Paid Customers



Ramanjali Organics

Sustaining Agriculture Sustaining Lives

www.ramanjaliorganics.com

Founder: Kunal Sahu

Email: kunalsahu.005@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Farmer's dependency on one or two crops for the entire year and lack of technical solutions to enable sustainable alternatives.

Tech Brief

Developed an integrated farming system for the production of Vermicompost, Vermiwash, Oyster Mushrooms, Earthworms, and Creeper Vegetables in a single shed.

Product USP

- Created a favourable artificial environment for Mushroom and Vermicompost which is fully automated and operates by switch & valve.
- Continuous Employment and less dependencies on the weather/climate.
- 360-degree consulting throughout setup, production and marketing.



1500

Number of farmers benefited



15

Number of products in the market



200+

Paid Customers



Alpha Advantech LLP

Smart Sensible Sustainable Solutions
www.alphaadvantechllp.com

Founder: Nitin Lalit

Email: alphaadvantechllp@outlook.com

Foundation Year: 2017

Location: Haryana

Incubated at: CCS Haryana Agriculture
University, Hisar



Problem Statement

Current horticultural methods waste a significant amount of natural resources.

Tech Brief

The startup systems are drought-tolerant plant growing systems made of containers with on-board water, nutrition, and aeration retention for optimal plant development.

Product USP

Modular Construction, On-Board Water Retention, Recycled Plastic Construction



1000+
Paid Customers



Pan India
Geographical
Coverage



Amaratva Agro Pvt. Ltd.

A range of purity
www.amaratva.com

Founder: Parveen Kumar Sindhu

Email: parveensindhu72@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Lack of technologies solutions for protected cultivation of saffron.

Tech Brief

Startup has doing aeroponics based indoor saffron farming in a controlled environment.

Product USP

- Requires 20% less space as compared to traditional method
- Very little water is used as compared to traditional method
- Water is used in form of mist, optimizing the Saffron production using aeroponics.
- LED light is used in place of sunlight for photosynthesis
- Saffron seed is also very easy to secure



100+

Number of farmers benefitted



1000+

Paid Customers



Kewintech Pvt. Ltd.

Microcontroller Base Advance Level OF GSM
Starter Manufacturer
www.kewintech.com

Founder: Sunil Kumar

Email: kewintech@gmail.com

Foundation Year: 2022

Location: Haryana

Incubated at: CCS Haryana Agriculture
University, Hisar

Problem Statement

- Limited availability and adoption of technological innovations for remote monitoring and controlling of irrigation pumps.
- Excessive irrigation leading to reduced soil quality, crop nutrition loss, wastage of electricity and water.

Tech Brief

The startup has developed a device that allows the farmers to remotely control the operations of irrigation pumps and street lights through mobile phone, application, and website.

Product USP

- Easy to install, operate, and troubleshoot.
- Generates smart reports of electricity consumption, water discharge, faults, switching hours etc.
- Conserves water and electricity.

इलेक्ट्रिक शॉक (कंस्ट लगने) से बचे
घर के उपकरणों को जलने से बचाएं

विजली का बिल कम करे

झड़ लों घालेज में सुरक्षा

शॉर्ट सर्किट में सुरक्षा

अर्थ लिकेज में सुरक्षा



99122 75932, 99122 75933
99 133-73932, 99 133-73937



100+

Paid Customers



1250

Number of farmers
benefitted



06

Number of products
in the market



10 States

Geographical
Coverage



Naraina Farming

Precision Farming (SAVE WATER)

Founder: Vishal Bhandari

Email: info.medizinn@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Wastage of water during irrigation activities, is an unaccounted loss to the farmer.

Tech Brief

The startup has manufactured an affordable irrigation controller having capacity to control 100 Zones by automatically sensing moisture level of soil and accordingly plan for irrigation.

Product USP

- Conservation of water as it saves the wastage of water
- The farmer can operate it from the ease of their home



5000+

Number of farmers benefitted



2500+

Paid Customers

Ome Agriculture Solutions Pvt. Ltd.

Simplifying precision farming
www.omeagriculture.com

Founder: Jaikaran

Email: p.jatrana@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

The current cumbersome and expensive process of nursery preparation of paddy.

Tech Brief

The startup is using the rice husk (agriculture bio-waste) in developing and raising seedling nursery specifically for paddy.

Product USP

- Leads to precision in difficult crops like paddy/rice
- Paddy transplantation growth is boosted



100+

Number of farmers benefitted



50+

Paid Customers



Citygreens (Vertical Farming Technologies Pvt. Ltd.)

Anyone can grow
www.citygreens.in

Founder: Gaurav Narang

Email: gaurav@citygreens.in

Foundation Year: 2017

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

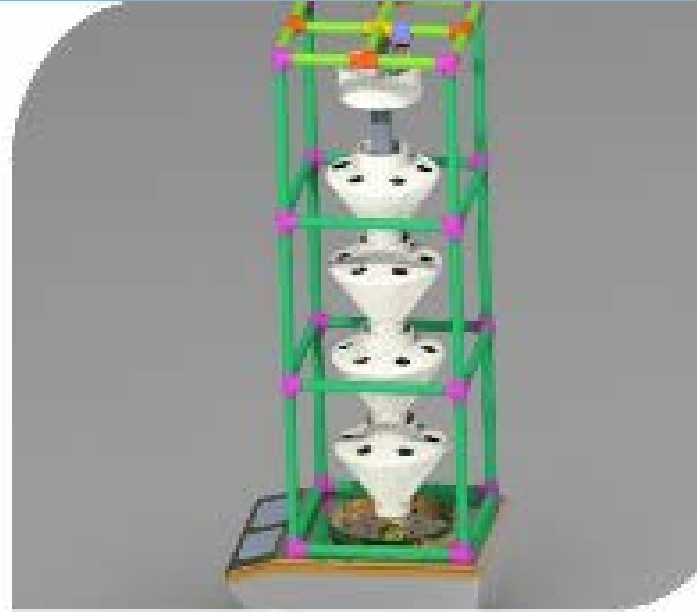
Lack of space and time for growing green vegetables at home.

Tech Brief

IoT based automated vertical growing system that can be used for growing plants in very small footprint using minimum water and efforts

Product USP

Can be used with minimal efforts. Fresh greens available at home.



1000+

Paid Customers



Pan India

Geographical Coverage



DruFarm Technology Pvt. Ltd.

Farm Assistance system for fruit farmers to improve farm productivity while reducing use of irrigation & fertilizers
www.drufarm.in

Founder: Sanket Abasaheb Kedar

Email: director@drufarm.com

Foundation Year: 2017

Location: Maharashtra

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of real time farm data (soil, micro-climate & plant data) for horticultural farmers.

Tech Brief

Startup has developed a Sensor based IoT device technology integrated with farm analytics (machine learning) that provides real time data on crops, soil, overall farm and surrounding weather conditions. It allows the farmers to know the exact need of their crop and soil for informed decision making and optimum utilization of resources.

Product USP

- Farm Intelligence System for Fruit farming using Plant physiology, soil type, crop growth stage etc.
- IoT based device to measure 10 on-farm parameters.
- Novelty comes from the 'custom made algorithm for Farm Analytics System' to analyze fruit farm specific data gathered real time
- Timely actionable insights in simple words to farmers specific to their fruit farm.



500+

Number of farmers benefitted



50+

Paid Customers



Eco Agripreneurs Pvt. Ltd.

promoter of scientific agriculture
www.ecoagripreneurs.org

Founder: Nagana Gouda Malkajji

Email: ecoagripreneurs@gmail.com

Foundation Year: 2017

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

High usage of chemical intensive pesticides in paddy farming leading to residues in the cultivated produce consumed by end consumer.

Tech Brief

Startup is following ecological farming practices and working with farmers for growing rice without extensive usage of chemical inputs and training the farmers on balanced nutrition.

Product USP

- Eco-Rice is pesticides residue free as per international standards
- Technical guidance is to produce residue free food



5000+

Number of farmers benefitted



500+

Paid Customers



Intech Harness Pvt. Ltd.

Irrigation Automation That Works
www.intechharness.com

Founder: Tarang Patel

Email: tarang@intechharness.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: MANAGE, Hyderabad

Problem Statement

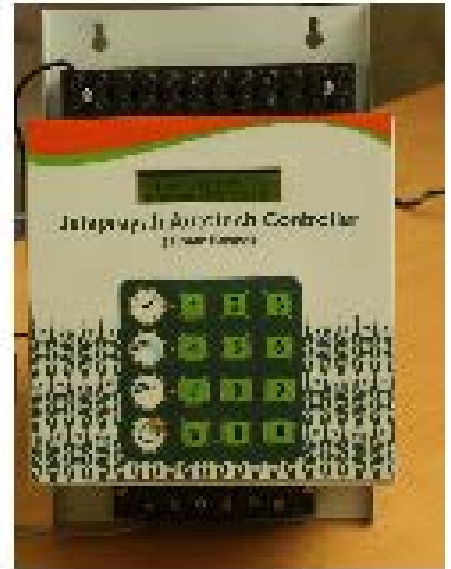
Erratic Power & Conditions on the Farm resulting in Intense Pumping and bringing inefficiencies in usage of manpower, water, electricity, and causing soil degradation.

Tech Brief

Patented, IoT Enabled, Pump Controller that can respond to power & water disruptions on its own, with an ability to start, restart or shutdown the pump on attainment of time, without human intervention, unlike GSM-based controllers.

Product USP

Precise operation brings relief to the farmer from the rigorous, intense, and daily activity of pump operation, increases the crop yield, reduces water and carbon footprint, and conserves soil.



1200+

Number of farmers benefitted



500+

Paid Customers



5 States

Geographical Coverage



TECHINAG

Brings farming to next level.

www.techinag.com

Founder: Althaf Shaik

Email: shaikalthaf3299@gmail.co

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: MANAGE, Hyderabad

Problem Statement

Problem of over and under irrigation of crops.

Tech Brief

Developed a solution to automate the irrigation system using intelligent irrigation bot which senses the humidity and some other parameters in the field.

Product USP

Optimizing the resource efficiency.



300+

Number of farmers benefitted



100+

Paid Customers



Dr. Mushroom Agro Tech Pvt. Ltd.

Inspired by Nature, Driven by Technology
www.drmushroom.in

Founder: Abhijith Padukana

Email: info@drmushroom.in

Foundation Year: 2020

Location: Kerala

Incubated at: Kerala Agricultural University,
Kerala

Problem Statement

Lack of tech enabled automated farming solution.

Tech Brief

Startup has developed multiple solutions for creating an ecosystem of connected technologies to give farmer a cyclic, sustainable, and automated farming solution.

- IoT and AI based automation system that helps optimize resource utilization.
- Vertical tower technology for bioconversion of plant waste to mushrooms and conversion of mushroom waste beds into fertilizers.
- Natural steam sterilization and bio-fumigation technologies to keep the process organic and cyclic.
- Sustainable farm that runs on complete solar power.

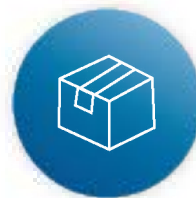
Product USP

- 15 to 20 days harvest cycle
- Fully organic technologies
- Zero wastage high tech farming
- Minimal resource foot print
- AI enabled systems
- 100% solar powered



150+

Number of farmers benefited



07

Number of products in the market



100+

Paid Customers



Simplify Agri Pvt. Ltd.

Technology to Simplify Farming and Agriculture
www.simplifyagri.com

Founder: Rijish V R

Email: rijishrajan@gmail.com

Foundation Year: 2021

Location: Kerala

Incubated at: Kerala Agricultural University, Kerala

Problem Statement

Lack of digital solutions for precision farming and management of operations.



Tech Brief

Deploying AI-ML based solutions for planning, scheduling and process management of farming and agriculture.

Product USP

- Simplify Agri Creates software and Data Science Solution to help farmer
- Increase Traceability of farmers produce
- Increase Visibility of farmers process and produce
- Increase Productivity
- Reduce and Optimize cost of production



450

Number of farmers benefited



05

Number of products in the market



100+

Paid Customers



MeeBuddy Pvt. Ltd.

Rural India's Digital Buddy

Founder: Mallireddy Rajasehar

Email: meebuddyindia@gmail.com

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati

Problem Statement

Lack of direct market access and supply chain issues for farm produce and products made by Self Help Groups.

Tech Brief

Startup has created an online platform for providing produce direct from the farm and SHGs to consumers while also providing options for warehouses, transportation etc.

Product USP

- Providing last mile connectivity in the supply chain.
- Helping farmers with better price discovery.
- Providing market for local products.



500+

Number of farmers
benefitted



300+

Paid Customers



Farmagain Agro Pvt. Ltd.

Harvest the Unharvested
www.farmagain.in

Founder: Benjamin Raja

Email: ben@farmagain.in

Foundation Year: 2013

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Lack of access to reliable farm level data and limited availability of technologies for precision farming.

Tech Brief

Startup has developed GroTron® which is a "360° Autonomous Precision Farming Platform", that encompasses all facets of Agriculture such as Irrigation, Fertilization, Climate Management, Light Management, CO2 Management, Pest Management, Power Management, Harvest Prediction, Harvest Traceability, Farmer-Seller-Buyer Auto-Connect and many more using AI/ML, IoT and Private LoRaWAN®.

Product USP

Patented & Indigenously developed Precision Farming Technology Platform.



500+

Number of farmers benefitted



100+

Paid Customers



Pan India

Geographical Coverage



SAFS Eco-Tech Pvt. Ltd.

Technologies for Ecology.
www.safseco-tech.com

Founder: Abdul Kadhar M
Email: mngdir@safseco-tech.com
Foundation Year: 2019
Location: Tamil Nadu
Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

High usage of chemical pesticide in agri crop production.

Tech Brief

Developing eco-friendly insect light traps and reusable sticky traps for sustainable IPM tools for farmers.

Product USP

Compound Eye and UV-A technology combined with semi-AI using micro-controller.

Pheromone Traps and Lures



Fruit / Melon Fly traps



Funnel Trap



Bucket Trap



Delta Trap

Price List.



10000+

Number of farmers benefitted



5000+

Paid Customers



Pan India

Geographical Coverage



Aigret Innovations India Pvt. Ltd.

Agriculture Innovations for Green Revolution
<https://aigret.business.site/>

Founder: Anil Ishwar & Jyoti Anil Sawant

Email: aigretindia@gmail.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: NIAM, Jaipur

Problem Statement

The limitation of current spraying technology is that it is highly drift prone, low target efficiency, and inconsistent, thus degrading the active ingredients in soil, water, atmosphere, leading to environmental pollution.

Tech Brief

Startup's innovation uses Electrostatic Spraying Technology which allows for Uniform Spraying (droplet size 40-50 microns), reducing drift loss and percolation of the active ingredients to soil, water, and atmosphere, reducing environmental pollution and increasing the efficiency of the farming process.

Product USP

- Decreases the consumption of pesticides and fertilizers, thus helping reduce cost.
- Reduces environmental pollution by controlling drift and spillage.
- Reduced power requirement for operation.
- Easy to operate & maintain.



200+

Number of farmers benefitted



10

Number of products in the market



100+

Paid Customers



Waterlab Solutions Pvt. Ltd.

Innovations for Water Resources Management
www.waterlabindia.com

Founder: Vijay Dattatray Gawade

Email: waterlabindia@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: NIAM, Jaipur

Problem Statement

Lack of ground water knowledge causing unchecked ground water extraction leading to drying borewell and declining ground water tables.

Tech Brief

Decision making and demand side tool "Bhujal Borewell Monitoring App" that enables monitoring of water levels in borewells and informs about ground water fluctuations, helps understanding the impact of abstractions and recharge on borewell, and allows for adoption of agricultural practices such as crop types and cropping area viz-a-viz the known availability of water.

Product USP

- Multilingual mobile based application.
- Non-invasive in use.
- Cost-effective and scalable.



500+

Number of farmers benefitted



200+

Paid Customers



Bit to Byte Robotics

A Window To World Of Robotics
www.bbr.org.in

Founder: Pankaj Sharma

Email: sarswasarswa@gmail.com

Foundation Year: 2019

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner



Problem Statement

Limited options available to control the farm irrigation motors remotely.

Tech Brief

Developed a GSM based switch with the combination of microcontroller, relay, and SIM module.

Product USP

- Does not require smartphone, internet and android application.
- IVR
- Motor can be operated from simple mobile call.



100+

Number of farmers benefitted



50+

Paid Customers



Dehaatleaf LLP

Harvesting the Goodness of Greens

Founder: Randeep Choudhary

Email: randeepsingh7742@gmail.com

Foundation Year: 2020

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner



Problem Statement

Limited availability of fresh and organic microgreens in the market.

Tech Brief

Cultivating organic microgreens (various herbs and vegetables) in soilless media in an indoor setup.

Product USP

- One of the first growers of microgreens in Rajasthan.
- Providing customers with fresh microgreens within two hours of harvesting.



10

Number of products in the market



50+

Paid Customers



Swadesh Agro Solution Pvt. Ltd.

Grow your own mushroom

Founder: Piyush

Email: praj84099@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour

Problem Statement

Unorganized complex mushroom cultivation and market crisis are the major issues faced by the farmers.

Tech Brief

The startup created diverse products like; smart tech low-cost mushroom farms, ready-to-harvest grow kits, and value-added mushroom goods to enable easy mushroom cultivation.

Product USP

Ready-to-Harvest Grow Kits for Households:

- Grow mushroom in 8-10 days
- Only watering required
- Complete spawn run kits provided

Smart Tech low cost Mushroom Farm:

- Around the year mushroom farming
- High Intensity Farming



स for desi khani
desi khani



700+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Farmcent Agri Solutions Pvt. Ltd.

Farmerce are Farm + Commerce
www.farmerce.in

Founder: Sharath Patil

Email: sharwin.patil@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

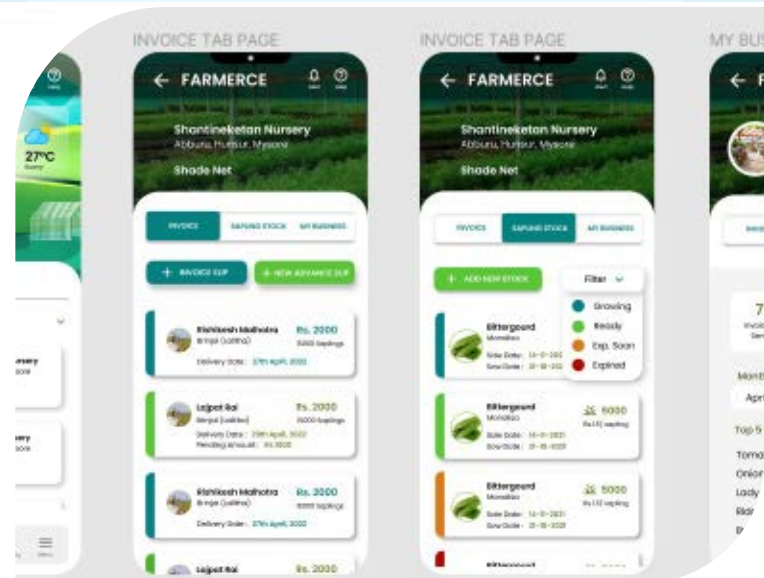
Lack of bridging platforms to resolve the issues faced by farmers and nurseries with respect to sapling procurement and supply respectively. Trust, stock management, and a variety of information are the other areas that require improvement.

Tech Brief

The startup connects farmers and nurseries to overcome the procurement and operational issues respectively.

Product USP

Farmers can choose any required saplings by using this single platform across the country hence enabling discoverability of new varieties, better costs and quality.



1000+

Number of farmers benefitted



500+

Paid Customers



Haegl Technologies Pvt. Ltd.

Energise the power of Artificial Intelligence
www.haegl.in

Founder: Gautam Shigaonkar

Email: gautamshigaonkar@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Limited availability and adoption of Artificial Intelligence & Machine Learning based solutions for precision agriculture applications such as selective spraying of inputs, drone-based data analytics etc.

Tech Brief

The startup has developed a range of products based on Computer Vision, Natural Language Processing, and Automated Machine Learning for spraying, planting, farm surveying, and data collection..

Product USP

Solar-powered vertical farming system based on evaporative cooling for growing high protein hydroponic fodder for livestock that is natural, palatable, and digestible.



1000+

Number of farmers benefitted



200+

Paid Customers



Hydrogreens

Invest Less Harvest More
www.hydrogreenfodder.com

Founder: Vasanth M Kamath
Email: vmk@myhydrogreens.com
Foundation Year: 2019
Location: Karnataka
Incubated at: UAS, Dharwad

Problem Statement

Lack of technology to support the cultivation of high protein fodder affects the income of farmers.

Tech Brief

Solar-powered vertical farming system based on evaporative cooling for growing high protein hydroponic fodder for livestock that is natural, palatable, and digestible.

Product USP

- Multipurpose, Grow house in a box, can be shipped anywhere
- Easy to operate & handle



500+

Number of farmers benefitted



300+

Paid Customers



7 States

Geographical Coverage



Nex-G Automation LLP

Kisan EAST, the soil tester machine
www.nexgautomation.com

Founder: Pramod Kyalkond

Email: sales@nexgautomation.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

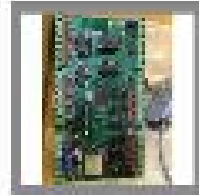
Traditional Soil Testing is time-consuming, labor-intensive, and costly, making it impossible to quickly detect on-site.

Tech Brief

The startup is providing IoT, AI, and Embedded Electronic Sensors for easy and fast soil testing.

Product USP

Results can be obtained easily and fast



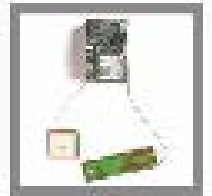
Raspberry Pi Single Board Computer



Tractor Mounted Soil Tester



Android Based Soil Tester



IoT Based Soil Tester



100+
Paid Customers



300+
Number of farmers benefitted



05
Number of products in the market



Pan India
Geographical Coverage



Tropical Farms And Agro Solutions

Grow leaf with relief

Founder: Raghavendra Jeevannavar

Email: raghujeevannavar@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technologies to manage low productivity, the high setup and running costs associated with main Greenhouses. Lack of professional consultation, market linkages, and labour intensity in agriculture.

Tech Brief

The startup provides smart irrigation and nutrition controlling smart environment controlling, to enhance productivity with diverse required services for farmers.

Product USP

- Use of technology to enhance productivity
- Professional consultation during the entire crop cycle and Market Linkages
- Affordable Greenhouses
- Financial Assistance from our Channel Partners(Banks/NBFCs)



100+

Number of farmers benefitted



06

Number of products in the market



50+

Paid Customers



Nelbac Opc Pvt. Ltd.

www.nelbac.com

Founder: Raji Thomas

Email: raji.t.susanth@gmail.com

Foundation Year: 2018

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

- The lack of automation and its services due to the cost
- Damage to machines due to human errors
- Problems of irrigation wastage and crop-based care
- Difficulty in Solar panel cleaning.

Tech Brief

The startup has developed advanced controllers with the help of valve, Control systems, IoT, agricultural sensors, processing unit, and algorithms that can address the limitations of the market

Product USP

- Universal controller which is customizable and protect machines..
- This is configurable based on field conditions. This can be easily expandable in the future if needed.
- Wireless communication.
- Real-time monitoring support is also possible.
- Supports Solar energy harvesting.



500+

Number of farmers benefitted



100+

Paid Customers



Wide Mobility Mechatronics Pvt. Ltd.

www.widemobility.com

Founder: Rohini Ghatpande

Email: rohini@widemobility.com

Foundation Year: 2018

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technology to identify fruitfly infections in gherkins.

Tech Brief

The startup has an Intelligent Smart Farming IoT device using artificial intelligence and Wireless Sensor Networks, used for irrigation systems, agricultural storage buildings, etc..

Product USP

High efficiency and accuracy.



1200+

Number of farmers benefitted



700+

Paid Customers



Green Prosperity Innovations

Founder: Dr. Prakashkiran Pawar

Email: pkspawar@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Limited access to technologies for monitoring of irrigation resulting in excessive water usage and deteriorating soil health, and increasing input costs.

Tech Brief

Startup has developed a user-friendly Lysimeter with software interface for accurate monitoring over soil moisture conditions and irrigation cycles.

Product USP

Innovative, Cost effective, and maintenance free.



100+

Number of farmers
benefitted



20+

Paid Customers



Setu Agro-Biotech and Textiles Pvt. Ltd.

Clean, healthy, fresh food for everyone

Founder: Vyomkesh Vhanbatte

Email: vyomkesh.setu@gmail.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Absence of affordable hydroponic solutions for growing Indian vegetables.

Tech Brief

Developed a cost effective hydroponics system with protocols for growing Indian vegetables.

Product USP

50% less costly systems, Protocols for Indian vegetables, All designed and developed in house



100+

Paid Customers



Alia Biosys

Towards Bio-Friendly Innovations
www.aliabiosys.com

Founder: Dr. Asim Zubair

Email: zubairasim@gmail.com

Foundation Year: 2012

Location: Tamil Nadu

Incubated at: AAU, Jorhat

Problem Statement

Inefficiency in utilization of broadcasted fertilizers as it is scientifically proven that only 45% is absorbed by the plants, out of which only 60% is utilised in metabolism, thus overall 55% is wasted.

Tech Brief

The startup has developed bioproducts having higher absorption efficiency, based on solid-state chemistry and special software, allowing the synthesis of pure L-amino acids and micronized oligopeptides with identical sequence and molecular structure.

Product USP

Innovative, eco friendly and Quality bioproduct to help the farmers find a sustainable and long term solution. To reduce over dependence on synthetic chemical products, whose over usage will be detrimental to the environment.



500+

Number of farmers benefitted



05+

Number of products in the market



100+

Paid Customers



03

SUPPLY CHAIN & AGRICULTURE LOGISTICS

IT-based agriculture logistics to trace and mobilise agri-produce encouraging farm to fork approach.





GramHeet Private Limited

We Cultivate Trust

www.gramheet.com

Founder: Shweta Thakare

Email: shwetagramheet@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- High cost of cultivation
- Poor post-harvest infrastructure
- Exploitation by intermediaries
- Low price discovery
- Lack of market linkages

Tech Brief

The startup through its mobile app provides integrated services of storage, credit, market linkages, and primary processing facilities at the village level to smallholder farmers.

Product USP

- Providing holistic services to the farmers at the village level by partnering with local trustworthy channels of community-based organizations.
- Innovative model ensures absolute transparency through quality analysis labs, efficiency through digital platforms, affordability and accessibility through Village Trade Centres.
- Apart from better price realisation farmers get the agency to hold the produce and make the decision when to sell and at what price.



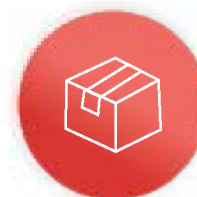
100+

Paid Customers



2250

Number of farmers benefitted



05

Number of products in the market



Bharatkrushi Seva Pvt. Ltd.

We are on a Mission to Drive the Mass Adoption of Digital Agriculture

www.bharatkrushiseva.com

Founder: Sharayu Lande,

Hemant Dhole Patil

Email: hemant@bharatkrushiseva.com

sharayu@bharatkrushiseva.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi



Problem Statement

Lack of data based advisory to the farmers.

Tech Brief

Startup is providing tech based advisory to the farmers using automated weather alerting systems, crop specific recommendations, and access to inputs through local level supply chain network.

Product USP

- Automated Weather alerting system, keeps farmers informed about the changing weather conditions
- Farm-specific, crop-specific and crop-stage specific actionable recommendations to farmers to reduce the loss in the yield.
- App based platform has user friendly UI, comes in vernacular languages of (Hindi, English & Marathi) and Lightweight to work on lower bandwidth.



10000+

Number of farmers benefitted



7000+

Paid Customers



Emertech Innovations Pvt. Ltd.

Creating agricultural social impact through Emerging Technologies.

www.emertech.io

Founder:Gaurav Somanshi

Email: gaurav@emertech.io

Foundation Year: 2019

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Farmer Producer Organizations and Companies, and similar organizations and their subsequent value chains lack support in:

- Digitization
- Operational Efficiency
- Lack of credit-data
- Traceability
- Branding

Tech Brief

The startup has developed a Blockchain based Platform 'goTrust' that helps FPOs and FPCs digitize their operations by assimilating their critical data and ongoing operations.

Product USP

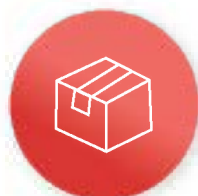
- High Operational Efficiency
- Traceability via QR codes on products
- Generating farmer-level credit data.



20+
Paid Customers



18000
Number of farmers benefitted



05+
Number of products in the market



7+ States
Geographical Coverage



Intello Labs Pvt. Ltd.

Building the world's largest horticulture exchange
www.intellolabs.com

Founder: Himani Shah Modi

Email: himani@intellolabs.com

Foundation Year: 2016

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Information asymmetry in horticulture trades and lack of a viable solution to address this gap.

Tech Brief

The startup has developed a horticulture exchange platform that provides quality assurance of the produce being traded, provides objective quality report and ensures fast sorting and grading of the produce.

Product USP

The platform 'Praman' envisions to make horticulture trade easy, simple, and trustworthy:

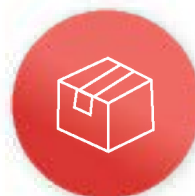
- Enable fair discovery of prices via competitive bidding
- Develop objective global quality standards for horticulture commodities
- Build the largest network of trusted horticulture growers, sellers, and buyers



100+
Paid Customers



40000
Number of farmers benefitted



05+
Number of products in the market



**Pan India , Europe
South-East Asia,
North America**
Geographical Coverage



Thapasu Foods LLP

Made of Earth

www.thapasu.com

Founder: Amshu CR

Email: amshucr@gmail.com

Foundation Year: 2017

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- Lack of market access for indigenous products.
- Less availability of indigenous products.

Tech Brief

The startup has created a platform for selling/buying of indigenous products from Himachal Pradesh.

Product USP

- Targeted farmer group/cluster to procure indigenous products.
- Ensured market for the connected farmer groups/clusters.
- Promoting high quality products from the region.



100+

Paid Customers



500+

Number of farmers benefitted



12

Number of products in the market



Pan India

Geographical Coverage



Whrri Fintech Solutions

Revolutionizing the post-harvest financing landscape of Indian agriculture

www.whr.loans

Founder: Ashish Anand

Email: ashish@whr.loans

Foundation Year: 2019

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

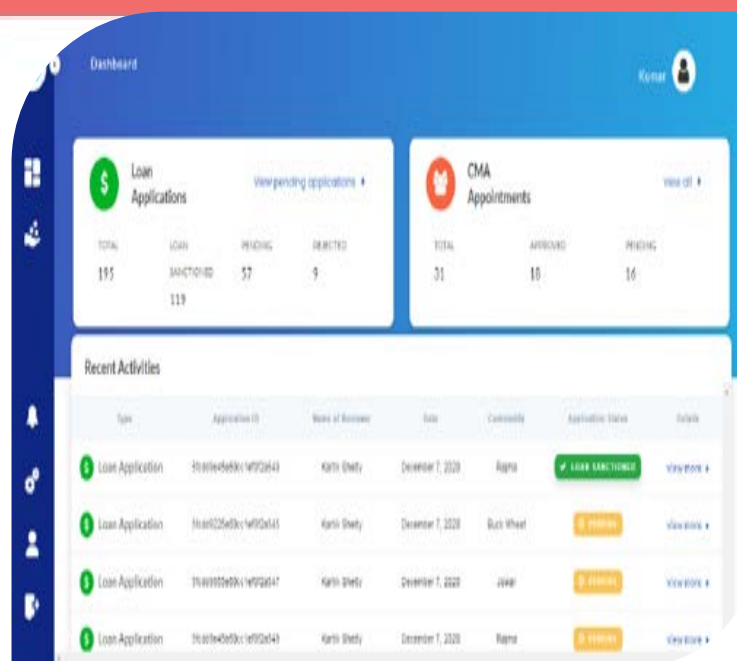
Problem of distress sale faced by farmers due to lack of stock holding capacity.

Tech Brief

Startup uses blockchain based solution to connect farmers, warehouses and banks together to help farmers obtain instant loan against their deposits thereby avoiding the 'distress sale' of their produce.

Product USP

One-stop solution for all the post-harvest needs of farmers. Reduces the risk of borrower/commodity frauds to Banks. Reduces the loan disbursement TAT from 15 days to minutes



2500+

Number of farmers benefitted



50+

Paid Customers



5 + States

Geographical Coverage



Transity Digital Solutions Pvt. Ltd.

Digital AgriSupply Chain Platform for Efficient Operations, Better Market Linkages & Higher Growth
www.transity.co

Founder: Krishna Kumar

Email: krishna@transity.co

Foundation Year: 2017

Location: Tamil Nadu

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Emerging Organizations in the agri-value chain such as Agritech Startups, Foundations, FPOs, Exporters etc do not have access to software technology to manage their operations in an efficient and reliable manner.

Tech Brief

Startup has developed 'freshFLO', a Cloud & Mobile software platform, that can be used out of the box by agri and food focused organizations for managing cultivation, purchasing, inventory, sales, logistics and finance related workflows.

Product USP

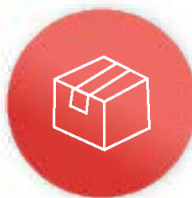
- Digitize the entire farm to fork supply chain
- Better marketing opportunities
- Increased earnings for farmers



20+
Paid Customers



1500+
Number of farmers benefitted



07
Number of products in the market



7+ States
Geographical Coverage



Krishiacharya Technologies Pvt. Ltd.

Optimization through Accountability
www.bijak.in

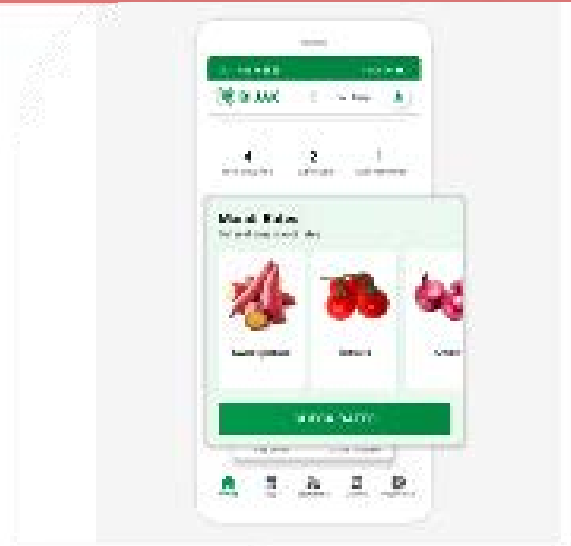
Founder: Nikhil Tripathi

Email: finance@bijak.in

Foundation Year: 2019

Location: Haryana

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Un-organised agro procurement market & supply chain with lesser accountability and transparency into the trade.

Tech Brief

B2B trading platform for buyers and suppliers.

Product USP

- Large network of reliable and trustworthy buyers/suppliers
- Quick, safe and real time payments to vendors – anytime from anywhere
- Enabling informed trade decisions with accurate trade participant ratings that enhance accountability



10000+

Number of farmers benefitted



20000+

Paid Customers



Pan India

Geographical Coverage



Samudra Network

Fpo digitization & agri market network

www.samudranetwork.com

Founder: Sneha Lakshman, Rajiv Bhatia

Email: info@samudranetwork.com

Foundation Year: 2019

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

Absence of a channel for FPOs and food processors, wholesale buyers to connect and exchange demand-supply data. Most FPOs lack access to market linkages and real-time insights into the produce grown by their shareholder members and their day-to-day business operations..

Tech Brief

Mobile based FPO digitization solution based on a pay as you go SaaS model for digitizing all the operations and activities of an FPO, including Aggregation, Processing Activities, Sales and Stocks, Inputs and Outputs, Shareholder Member Management etc. and presenting the information through finely-tuned dashboards.

Product USP

- Agri Market Network where Farmer Producer Organizations (FPO), Buyers, Suppliers and other Value Added Service providers can connect, market and manage their profiles, initiate communications and complete transactions.
- Simple and easy to use mobile interface as the foundation of digitization.



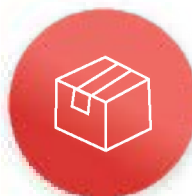
100+

Paid Customers



50000+

Number of farmers benefitted



07

Number of products in the market



Pan India

Geographical Coverage



Cogneesol Agtech Pvt. Ltd. (Apni Kheti)

Empowering Rural India Digitally
www.apnikheti.com

Founder: Taranpreet Singh Sidhu &
Hunardeep Singh Brar

Email: hunar@apnikheti.com

Foundation Year: 2018

Location: Punjab

Incubated at: Punjab Agricultural
University, Ludhiana

Problem Statement

Farmers lack access to correct information, resources, genuine products, services & market linkages, at the right time, from the right sources in India.

Tech Brief

The startup provides solutions to farmers' problems from reliable sources within 24 hours, on based their geographical locations. Through its ecommerce platform it suggests them the best suitable products addressing their needs, delivered in a timely manner.

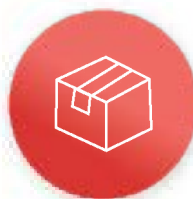
Product USP

- Provides best possible solutions along with genuine products to farmers considering their geographical location for agriculture, its allied activities and other finance related problems.
- Free access to right information & market linkages, at the right time, from the right sources
- Customized free expert advisories for products and their usage help farmers to increase productivity and also cost effective.



375000

Number of farmers
benefitted



10+

Number of products
in the market



Pan India

Geographical
Coverage



Promenant Innovation Labs Pvt. Ltd.

A Blockchain Company equipped to digitally transform your business.

www.promenant.com

Founder: Gopikrishna M

Email: gopikrishna.m@promenant.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Reconciliation and data discrepancy in multi-party supply chain systems and lack of transparency in tracking of vegetable & fruits.

Tech Brief

Blockchain based distributed ledger technology application marketplace to connect Farm Producers with End-Customer ensuring Supply Chain Provenance authenticity via Blockchain QR Codes.

These functionalities are enabled with 3 primary components

- Blockchain backend to record and certify critical transactions
- E-commerce website for order placement, fulfilment and payment
- APIs / REST APIs to integrate relevant systems

Product USP

- Provenance & origin of food / fruits / vegetables / spices can be traced easily
- Tamper proof data for track and trace
- Faster recall in case of emergency
- Building confidence in customer by providing details on authenticity



500+

Number of farmers benefitted



100+

Paid Customers



5+ States

Geographical Coverage



Agriyoda Innovations Pvt. Ltd.

Building decentralised Bio Economies
www.coffeetrace.io

Founder: Sonia Sharma

Email: sonia@agriyoda.com

Foundation Year: 2020

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

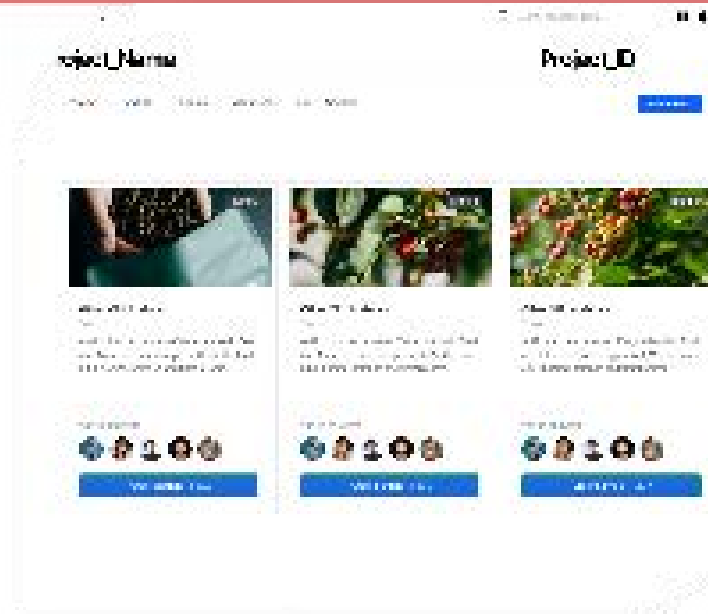
Price instability and lack of market linkages for coffee growers.

Tech Brief

Startup has developed a SaaS based supply chain management solution to connect coffee growers, planters, & FPOs to bulk buyers and international markets using blockchain technology for traceability.

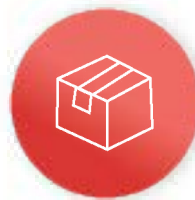
Product USP

- Blockchain enabled traceability and transparency.
- Remote viewing and real-time updates from Plantations.



200+

Number of farmers benefitted



06

Number of products in the market



100+

Paid Customers



Bizongo Solutions Pvt Ltd

Wind Under Your Wings

www.vento.co.in

Founder: Sanjay Kumar Shukla

Email: sanjayshukla@ventologistics.com

Foundation Year: 2018

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi



Problem Statement

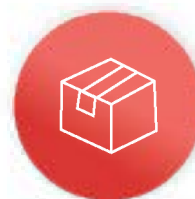
Fragmented and un-organized nature of Indian Agri-Logistics Industry resulting in lack of service reliability, low goods traceability and high indirect costs owing to pilferage, high inventory costs, goods counterfeiting & low resource utilization.

Tech Brief

The startup is leveraging Internet of Things (IoT) & Blockchain, to provide an end-to-end transport management system creating an efficient and reliable supply chain.

Product USP

- Enabling demand-based supply chain optimization.
- Increasing the visibility in supply chain.



08

Number of products in the market



20+

Paid Customers



Digital Space Booking Pvt. Ltd.

fair price, fair storage
www.smartwarehouse.in

Founder: Akash Kurapa

Email: akashkurapa4@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

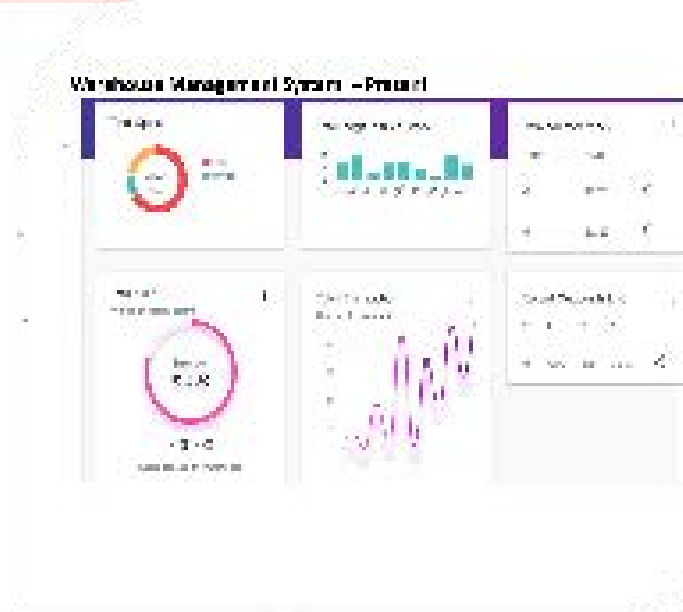
Lack of information regarding space availability and facilities in the Warehouse, Logistics, Insurance Policies, and Paperwork.

Tech Brief

Startup has developed a mobile application-based platform that integrates agri-warehouses and marketplaces for buying/selling of commodities. It allows warehouses to modernize and manage their operations efficiently, and give fair prices and storage rates to producers.

Product USP

- Book Certified Warehouse within 60 seconds.
- Real-time Data of space availability, facilities, storing rates, scientifically structuring of warehouses (3-D model with Augmented Reality).
- Warehouse Management System (Warehouse Receipts, Bills, maintain records, inventory)
- Marketplace (sell/buy in the bulk commodity from the warehouse)
- Instant documentation



300+

Number of farmers benefited



50+

Paid Customers



Rootsgoods Pvt. Ltd.

Find them..Give back.

www.rootsgoods.com

Founder: Sachin Hegdekudgi

Email: hegdekudgi@rootsgoods.com

Foundation Year: 2018

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- Lower price realization by the farmer due to subjectivity in grade assessment during price negotiations.
- Undervaluation of harvested crops due to unplanned sales pipelining.

Tech Brief

Our AI-Deep tech based SAAS platform provides objective and automated quality assessment certificate for farmers and buyers with selling and procurement plan respectively through mobile application facilitating the negotiation, payments and logistics.



5500+

Number of farmers benefitted

Product USP

- Due TO OBJECTIVE quality assessment using image and weather data analytics
- Farmers: Increased price at market (sales pipelining) and reduction of post-harvest loss at farm level reduces from 8% to 2%
- Buyers: Better buying price (procurement planning) and reduction of warehouse losses from 12% to 3%
- We provide negotiation advantage to farmers with pre-knowledge of objective quality and market/price status.



30+

Paid Customers



Tea Inntech Services Pvt. Ltd.

Founder: Saswata Pal

Email: teainntech@gmail.com

Foundation Year: 2021

Location: West Bengal

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

India's tea industry is facing - tea price stagnation, increasing labour and other input costs, mismatch between demand and supply leading to oversupply, high transaction costs and fair price discovery challenges at the auctions.

Tech Brief

Startup has developed a supplier-to-buyer model 'Tea Inntech' that reduces overheads of a supplier, eliminating middlemen, and thus maximising the profitability of the suppliers.

Product USP

B2B E trade platform for private sales and procurement



250+

Number of farmers benefited



100+

Paid Customers



5 + States

Geographical Coverage



Local Harvest

We deliver fresh

Founder: Jagjit Singh

Email: jagjitsingh49990@gmail.com

Foundation Year: 2021

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited online supply chain for supply of dairy produce directly from local farmers to the customer's doorstep.

Tech Brief

The startup has developed a subscription based digital platform providing quality packed milk and milk products directly to consumers in less than 9 hours and providing better prices to farmers.

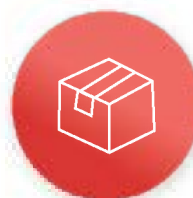
Product USP

- Milk is delivered in less than 9 hours fresh, lab tested, and hygienically packed
- Daily customers doorstep delivery
- Working with local farmers to increase the diversification of crop and increase farm income through better price realization.



20+

Number of farmers benefitted



10+

Number of products in the market



1000+

Paid Customers



Healthivore

An online marketplace for organic farm products
www.healthivore.in

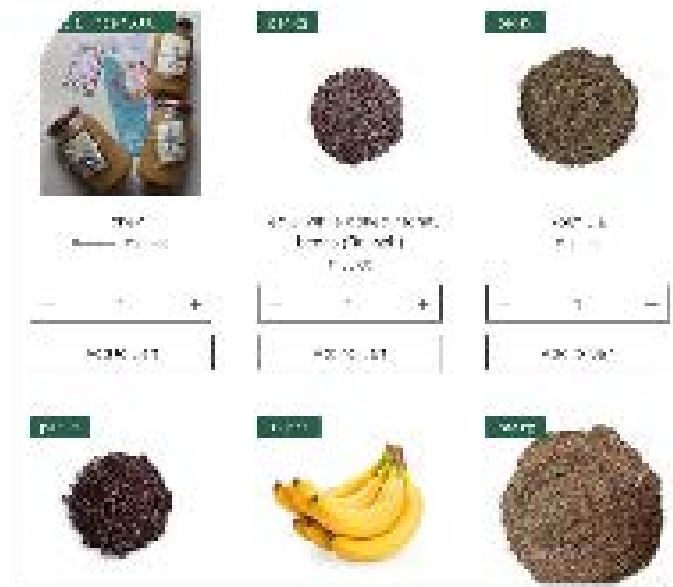
Founder: Pooja Thakur

Email: pt5038867@gmail.com

Foundation Year: 2020

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Absence of online and offline platforms to promote and sell local farm produce at the best price.

Tech Brief

The startup is building a niche market for certified organic producers through online and offline platforms.

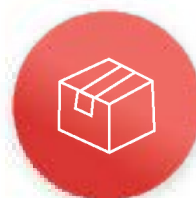
Product USP

- Organic and natural farm products
- Pesticide free food items.
- Online availability



200+

Number of farmers benefitted



07+

Number of products in the market



100+

Paid Customers



Techibaba

Mera najdiki kisan
www.farmernear.me

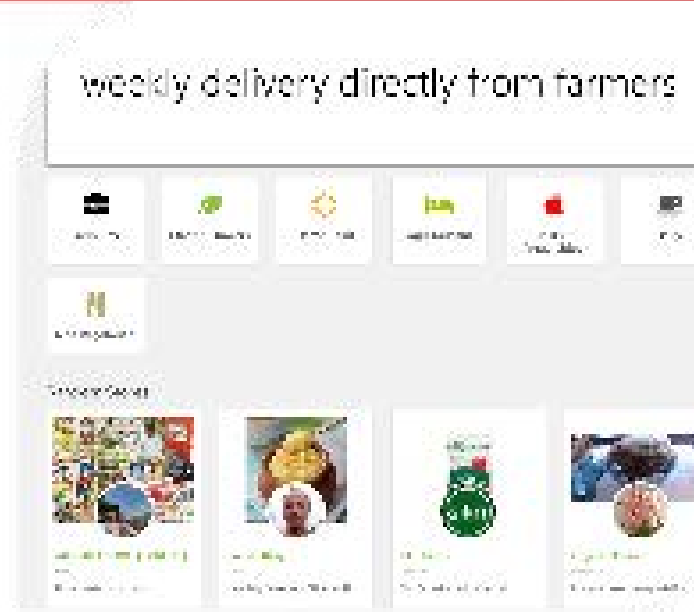
Founder: Puneet Thakur

Email: hi@farmernear.me

Foundation Year: 2020

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Difficulty in connecting local buyers with local farmers at remote places

Tech Brief

The startup developing a mobile application "Farmer near me", which will help farmers to connect directly to local nearby buyers/markets or help customers to find local farmers and buy directly from them.

Product USP

- Hyper local platform for farmers to showcase their products
- Farmers get better profit for their products



500+

Number of farmers benefitted



100+

Paid Customers

ILP Ventures Mountain Pvt. Ltd.

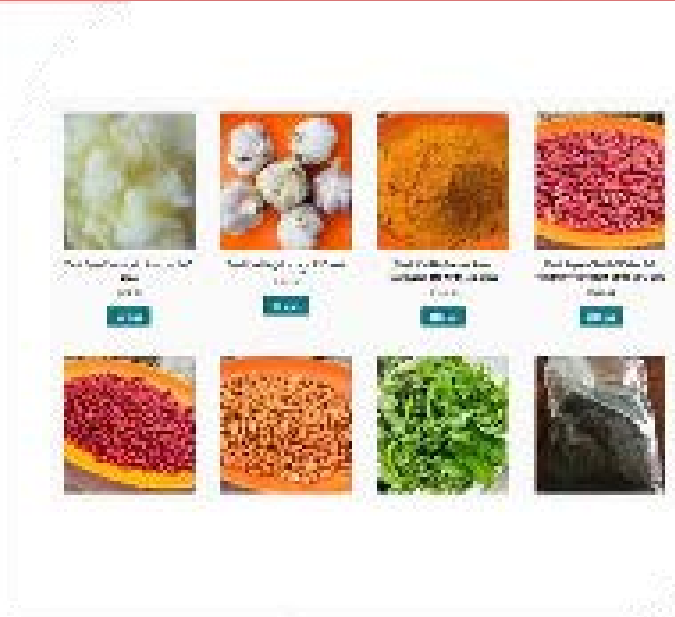
Founder: Vijay Inder Chauhan

Email: vijayinderchauhan@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of platforms for authentic mountain products.

Tech Brief

The startup enabled an e-commerce platform dedicated to authentic products, produced and procured in the Himalayan Region.

Product USP

Platform dedicated for mountain produces.



50+

Number of farmers benefited



200+

Paid Customers



Balh Valley Agritech Pvt. Ltd.

Agri-clinic for hi-tech agriculture
www.hillagri.com

Founder: Saurabh Saini

Email: saurabh@balhvalleyagritech.com

Foundation Year: 2020

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur

Problem Statement

Lack of Agri-inputs & Agri-clinic facilities at doorstep for farmers.

Tech Brief

The startup provides Agricultural inputs and Agri-clinic facilities to farmers through a single platform.

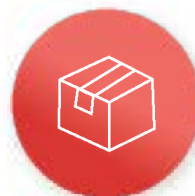
Product USP

- Providing all facilities to the farmers under one roof.
- Increase the income of farmers.
- Farmers get to know their product prices on time.
- Medical support to plants.



1500+

Number of farmers benefitted



10+

Number of products in the market



500+

Paid Customers



Krishk23 Agrosience Pvt. Ltd.

Simplifying farmer's life
www.krishk.in

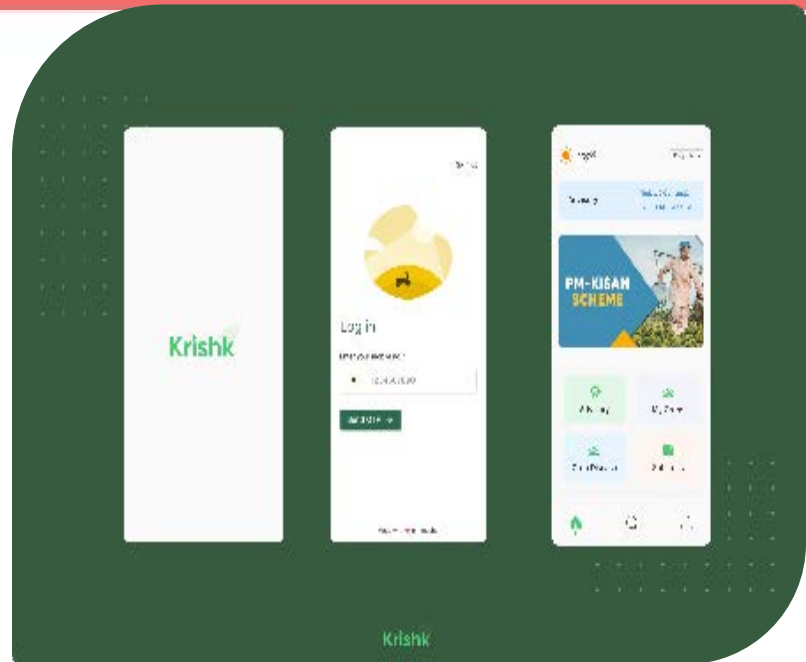
Founder: Amit Thakur

Email: amit005thakur@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of innovations to support framers in decision making, market and agronomy knowledge.

Tech Brief

The startup provides a platform to help farmers do data-based farming and to provide support throughout the crop cycle.

Product USP

- Best quality Agri-inputs
- Quick solutions for crop health and protection
- Better crop yield
- Increased farmer's income



1000+

Number of farmers benefitted



500+

Paid Customers



CAN Analytics Pvt. Ltd.

Empowering farmers with technology
www.kissan.co

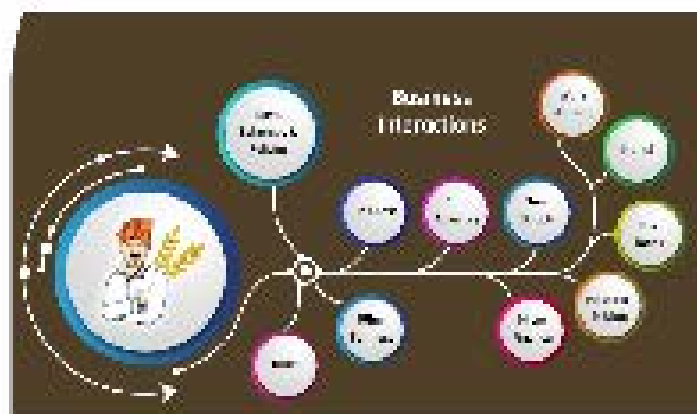
Founder: Nirbhay Khanna

Email: canirbhaykhanna@gmail.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi



Problem Statement

Lack of platforms to connect farmers with the other major stakeholders of agriculture.

Tech Brief

The startup has developed a platform that connects Farmers with traders, manufacturers, NGOs, banks and financial institutions, SMEs, peers and Govt Agencies.

Product USP

A platform that connects the databases to provide timely information to the farmers.



15000

Number of farmers benefited



100+

Paid Customers



Divavi Enterprises

Strengthening Agribusiness Linkages. Connecting Farmers, FPOs and entrepreneurs for raw material supply chain & product development

www.divavi.in

Founder: Debika Mukherjee

Email: divavienterprises@gmail.com

Foundation Year: 2019

Location: Jharkhand

Incubated at: IIT – BHU, Varanasi

Problem Statement

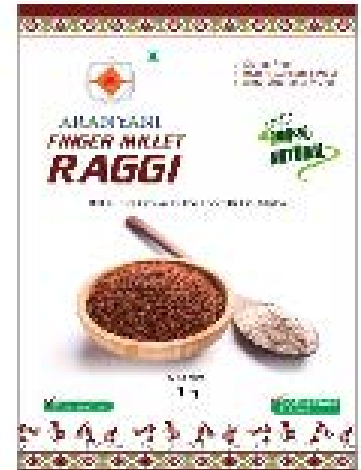
Lack of platforms to connect individuals, FPOs, farmers, artisans, weavers, and rural entrepreneurs.

Tech Brief

Divavi, a collaborative platform promoting Agri linkages for local production of Jharkhand and Odisha by connecting private individuals, FPOs, farmers, artisans, weavers, and rural entrepreneurs.

Product USP

- Customer Acquisition: Connect with potential dealers/ retail buyers by listing your products on our website.
- Product Promotion: Help in competitor identification, product positioning, promotions, pricing & strategy, etc.
- Technology Assistance: Design technology-driven solutions to make farm and non-farm products affordable and accessible
- Certification: Provide testing and certification service of organic agriculture produce according to FSSAI standards.
- Value Added Product Manufacture – Connect Farmers, FPOs, and entrepreneurs for raw material supply chain & product development



500+

Paid Customers



250+

Number of farmers benefitted



10+

Number of products in the market



16+ States

Geographical Coverage



Farmisto LLP

Online e-Market Place for Agri-Inputs
www.farmisto.in

Founder: Shishir Ranjan

Email: rshishir@yahoo.co.uk

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Farmers in remote villages, find difficulty in finding trustworthy products for productivity enhancement and crop protection at local retail stores and are unable to meet agri-expert to discuss their problem.

Tech Brief

The startup has a mobile platform for farmers to buy quality inputs and to access advisory services.

Product USP

- Searching and buying from the comfort of home.
- Self Learning YouTube Videos for farmers Agriculture Experts sharing problem specific.
- Reliable and credible information, Agriculture Experts Connecting Farmers with 100s of Experts all crops, livestock.
- Direct Sales to Farmers Offer product and services with best prices efficiently.



100+

Number of farmers benefited



1000+

Paid Customers



Frenzy Farm LLP

krishisandhi connecting farmers to right place
www.krishisandhi.com

Founder: Subodh Shah

Email: subodhshah112@gmail.com

Foundation Year: 2020

Location: Uttarakhand

Incubated at: IIT – BHU, Varanasi

Problem Statement

Existing mandi system with the old procurement process, the farmers are not getting the right value for their produce, and as well as retailer gives a lot of commission to agents in between to get the farm produce.

Tech Brief

Developed 'Krishisandhi', a mobile app acting as an aggregator, providing benefits to farmers by giving more price of crops. On other hand providing competitive prices and transport ease to retailers. The company also introduced new low altitude and less freezing hours apple varieties to farmers which are not only high density (less area required) but total production capacity is also increased within couple of year production after plantation.

Product USP

- **Simplicity:** Simple process flow of procurement & supply chain, especially for farmers
- **Reliability & Security:** to Farmers & Retailers
- In most of the crops & vegetables, doubling the income of farmers with good profit margin.
- **Building Awareness:** Educating farmers with the latest tech and varieties of crops to increase production



480

Number of farmers benefitted



100+

Paid Customers



Kakun Organic Agro-Food Pvt. Ltd.

Kakun Aahaar

Founder: Dr. Dharmendra Kumar Mishra

Email: dharmendrakakun@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Farmers are suffering from poverty, livelihood, malnutrition, and climate change. So, the majority of people are migrating from villages to metro cities for jobs and livelihood.

Tech Brief

The startup is engaged in Organic farming management, producing and processing healthy food products in the Bundelkhand region of UP by following Palekar's Zero Budget Farming technique.

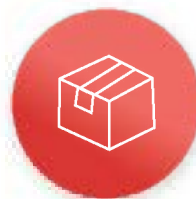
Product USP

High Natural value because of bio fertilizer and indigenous seeds used, Affordable product price as its direct from farm to kitchen, High farmer income as farmer is also involved in processing and marketing, Practicing agro-forestry with farming producing less carbon foot print by using solar power.



100+

Number of farmers benefitted



17

Number of products in the market



1000+

Paid Customers



Sisource Pvt. Ltd.

Platform for trading of agri produce overseas.

Founder: Ruchika Kuthari

Email: ruchika@jaapenterprises.com

Foundation Year: 2022

Location: Assam

Incubated at: IIT – BHU, Varanasi

Problem Statement

- Lack of Access to Network
- Lack of real time Information on buying trends and needs
- Inability to store , distribute & deliver Quality & Quantity as per demand and standards
- Finance Flow Risks and Hidden Transaction cost In addition this results in loss of produce - wastage in food value chain and economic loss due to opportunity loss.

Tech Brief

The startup has an integrated knowledge platform and a network of buyers, sellers, and service providers, to enable and promote exports and industrial trade of Agriculture Food produce

Product USP

A secure platform for trading of agri goods overseas.



500+

Number of farmers benefitted



10+

Paid Customers



Anati Technologies Pvt. Ltd.

Making grain supply chain efficient
www.agrigator.co

Founder: Charu Chaturvedi, Udit Sangwan

Email: charu@agrigator.co,
sangwan@agrigator.co

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Indian Institute of
Management, Kashipur



Problem Statement

Grain Traders, millers and processors are unable to scale their businesses due to unavailability of real time information about trade and on-spot logistics which increases their dependency on the local brokers limited them to a smaller network and loss of capital and business growth

Tech Brief

Product helps shippers find the on-spot logistics within 30 mins and grain buyers verified sellers

Product USP

Turnaround time for truck assignment lesser than 30mins



10000+

Paid Customers



7+ States

Geographical
Coverage



GeeCom India Services Pvt. Ltd.

A Green e-Commerce Platform
www.geecomindia.com

Founder: Yogesh Sahu

Email: yogesh.sahu@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

- Lack of comprehensive solutions for farmers to market and sell their products beyond their current geographic reach and local Mandi.
- Lack of options to Directly Connect with end consumers / businesses / industries.

Tech Brief

Startup has developed an online platform which is enabling direct sale between farmers and end-consumer, businesses, & industry thus opening non-traditional (local mandi & traders) market channels for them, and informing the farmer about supply-demand information.

Product USP

- Farmers and Rural Entrepreneurs can Set Up "Online shop" in 15 minutes
- Market Products to Thousands of people just in Few Clicks
- Transforms Mobile Phone into an Online/Virtual Shop of Farmers & Rural Entrepreneurs
- Direct connection with end Consumers
- Complete Digital Ecosystem for farmers
- Virtual Mandi, filling information gap in Agri ecosystem



2000

Number of farmers benefitted



700+

Paid Customers



Pan India

Geographical Coverage



NKOSH

A full stack digital platform for Agri-Business.
www.nkosh.in

Founder: Ashutosh Tiwari

Email: ashutosh.tiwari@nkosh.in

Foundation Year: 2021

Location: Uttar Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of accurate information to farmers regarding agribusiness decisions at both input and outside sides of the value chain.

Tech Brief

Full stack tech platform 'NKOSH' offering services and solutions in both upstream (pre-harvest requirements like seeds, fertilizers, pesticides, micro financing etc.) and downstream side (post-harvest requirements like marketing, market linkages etc.) of the agri-value chain. The platform provides a range of services and solutions to the farmers, MSMEs, producers groups, FPOs, SHGs etc.

Product USP

- One stop digital solutions and services for doing agribusiness
- B2B online marketplace for agri produce and commodities
- B2C marketplace for products from Agri MSME
- Traceability from farm to fork
- Access to extensive market for both input side and output side of farmgate



1500

Number of farmers benefitted



500+

Paid Customers



5+ States

Geographical Coverage



Terraphilic Innoventures Pvt. Ltd.

Innovation - It's in our Nature
www.terrphilic.in

Founder: Aurick Sengupta

Email: aurick@terrphilic.in

Foundation Year: 2019

Location: Haryana

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Limited availability of industrial hemp and hemp-based products in the market.

Tech Brief

Terraphilic is cultivating its own hemp crop and providing high quality raw material to existing companies producing hemp products, while also manufacturing its own range of products such as Hemp Seeds Milk, Hemp Protein Isolate (<90%), Hemp Protein Jaggery Cubes etc.

Product USP

- Developing new hemp products as well as product categories in India.
- Investing in new product development along with reputed research institutions.



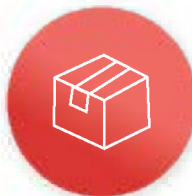
15 recurring B2B customers

Paid Customers



150+

Number of farmers benefitted



06+

Number of products in the market



15 Indian States and International Market as well

Geographical Coverage



Freshlane Ventures Pvt Ltd

An Agritech Supply Chain Company
www.freshlane.in

Founder: Karan Rathi

Email: karanrathi47@gmail.com

Foundation Year: 2017

Location: Chattisgarh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

- Lack of options for farmers to sell their produce.
- Delayed price discovery for farmers.

Tech Brief

Freshlane, the ecommerce platform developed by the startup connects small farmers to end-consumers along with a mobile application for small vegetable cart vendors to receive orders, and navigate & prepare invoices.

Product USP

First of its kind 'Calling a Cart' feature in the mobile application for end consumers that can call vegetable carts to their respective homes within minutes



200+

Number of farmers
benefitted



6000+

Paid Customers



VeggoFresh Agritech Pvt. Ltd.

Fal sabzi matlab 'VeggoFresh', Sasta bhi Acha bhi
www.veggofresh.com

Founder: Arpit Sahu

Email: veggofreshcontact@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi

Vishwa Vidyalaya, Jabalpur

Problem Statement

- Inconsistent Customers
- Low income in comparison to drudgery
- Unsold product wastage
- No safety and assurance for business
- Technologically limited

Tech Brief

Startup has developed a SaaS based supply chain platform that provides fresh produce to consumers through a hyperlocal network of retailers.

Product USP

- Hyper locality based VeggoFresh cloud shops (vegetable retailers as partners)
- Doorstep delivery of fresh produce (fruits, vegetables & exotics) within 90 mins
- 20-30% lower rates compared to nearest marketplace
- Benefits for vegetable retailers:
- Sustainable orders & retained customers
- Added income of upto Rs. 1 lac per month
- Better life opportunities



500+

Number of farmers benefitted



3000+

Paid Customers



Taaza

Agri-tech supply chain for fresh produce
www.bikayi/taaza_jbp

Founder: Rounak Jain

Email: rounak887@gmail.com

Foundation Year: 2020

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Startup has developed a mobile application and cart based offline distribution for end customers for buying fresh produce directly from the farmer.

Tech Brief

Mobile application for customers and offline distribution through cart-based channel for delivering fresh produce at customer's doorsteps.

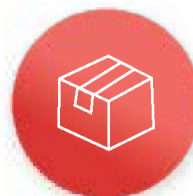
Product USP

- Farm to fork connectivity
- Transparency and surety of the quality of produce



100+

Number of farmers benefitted



10+

Number of products in the market



1500+

Paid Customers



Cookduku Supplies Pvt. Ltd.

Highly fresh Truly Delicious
www.cookduku.in

Founder: Nishant Mohanty

Email: nishant.cookduku@gmail.com

Foundation Year: 2021

Location: Orissa

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Limited availability of fresh poultry meat, fed on natural non-chemical feeds.

Tech Brief

Developed a meat delivery platform with hyperlocal delivery of raw meat which is chemical feed free and with highest quality standards.

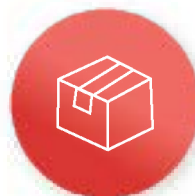
Product USP

- Innovative marination recipes for great taste and 5 assorted flavour options.
- Online hyperlocal delivery of fresh, raw and marinated meat, fed on organic feed.
- Centralized system to connect Farmer-Dealers-Customer for better demand and supply forecast which leads to Sustainable Waste Management.
- Hygienic setup for meat processing, quality check and packaging.



100+

Number of farmers benefitted



16

Number of products in the market



1500+

Paid Customers



Cropway by Boaz Agri Analytics Pvt. Ltd.

Cropway - Future of Smart Farming is here
www.cropway.com

Founder: Manjusha Parial

Email: mcparial@anmconsultants.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Limited access to technology, credit, & marketplace thus compromising Profitability-Productivity Sustainability for the farming communities.

Tech Brief

AI & ML based farm to fork technology solution for farmers.

Product USP

- Knowledge dissemination through bots, specialists, and portal
- Access of quality inputs, machine, and labour
- Improved quality control of farming process
- Visibility access to different stakeholders
- Better returns for farmers through higher transparency and online platforms for price discovery for inputs and outputs



1500

Number of farmers benefitted



1000+

Paid Customers



10+ States

Geographical Coverage



DragonFlora Farms LLP

One stop solution provider for superfood Dragon Fruit
www.dragonflora.com

Founder: Dr. Sunila Kumari

Email: sunila.flora@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Limited availability of irrigation water and degrading soil health. Low income per unit area from traditional farming by farmers.

Tech Brief

Dragonfruit (requires limited water for irrigation) based value added products alongwith backward integration with farmers.

Product USP

100% chemical free, Non GMO, Healthy, affordable dragon fruit Jam and RTS



1000+

Number of farmers benefitted



100+

Paid Customers



10+ States

Geographical Coverage



Feedko Agrokart Pvt. Ltd.

Making Simple Agribusiness
www.feedkoagrokart.in

Founder: Satish Kumar Mahto

Email: satishchipra@gmail.com

Foundation Year: 2016

Location: Jharkhand

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

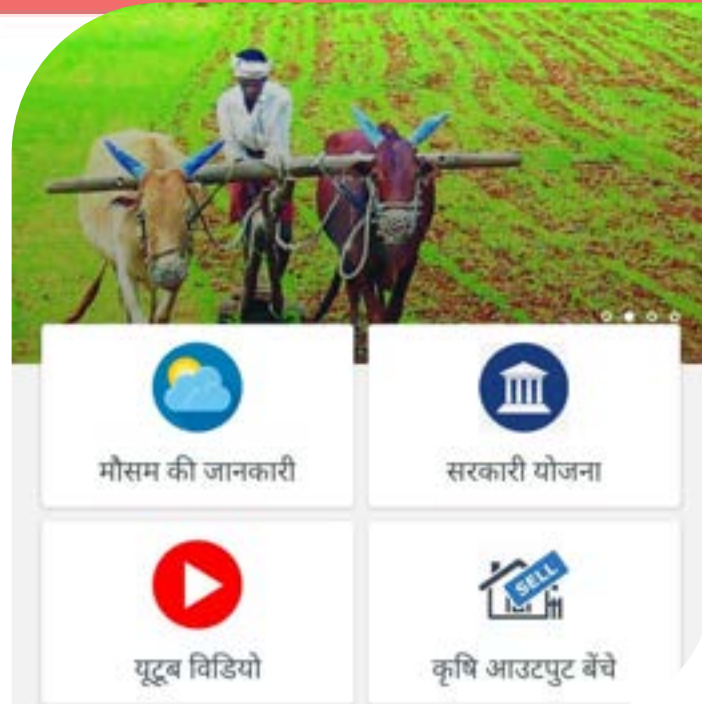
Lack of efficient supply chain management and marketing solutions for the farm produce.

Tech Brief

Developed an agri value chain management platform for farm to farm management of produce.

Product USP

- Supporting farmers and providing businesses with the freshest farm produce in an efficient manner
- Ability to control sales rate due to absence of middle men
- End to end feeding to marketing chain and affordable labour costs.



06

Number of awards achieved



1428

Number of farmers benefitted



50+

Paid Customers



Freshr

B2B E-commerce platform for Fish & Meat
www.freshr.co.in

Founder: Ambika Satapathy

Email: ambika@freshr.co.in

Foundation Year: 2016

Location: Orissa

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of a dedicated platform for aquaculture supply chain optimization and managing logistics and credit facilities.

Tech Brief

Developed a B2B e-commerce platform for aquaculture value chain in India, connecting producers & aggregators to nationwide stockists, distributors, exporters & HORECA sector while ensuring quality standards, traceability, logistics & financial services.

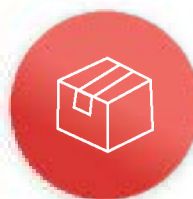
Product USP

Creating trust & transparency in the value chain & enabling every stakeholder to realize the full potential of their efforts.



100+

Number of farmers benefitted



10+

Number of products in the market



1000+

Paid Customers



Kitchen Healthy Food and Vegetables

Apni Ghar Ki Sabzi

Founder: Lalit Kumar

Email: lalitmahamalla1995@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Limited availability of farm fresh fruits and vegetables in urban environment.

Tech Brief

Developed an e-kitchen android app for fresh fruits and vegetable supply chain management.

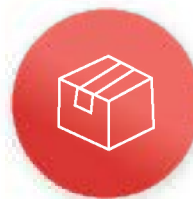
Product USP

Delivered at door steps.



100+

Number of farmers benefitted



10+

Number of products in the market



2000+

Paid Customers



Sidharth Agro Marketing And Logistics Pvt. Ltd.

Aatm Nirbhar Kisaan, Aatm Nirbhar Bharat
www.phasalbazar.com

Founder: L. P. Patel

Email: phasalbazar@gmail.com

Foundation Year: 2018

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Decentralised way of supplying and selling farm produce by farmers at a sub-optimal prices.

Tech Brief

An ecommerce farm to fork mobile platform connecting B2B & B2C customers with farmers.

Product USP

- Providing integrated support system to farmer through a mobile app "PHASAL BAZAR"
- Transparency and Freedom - farmer or seller is free to sell their crop or product to anyone from where they are getting best selling price. Both B2B and B2C is possible.
- Providing Market - Bringing the sellers and buyers in one platform where they freely interact with each other and decide the selling/purchasing price.
- Active Support - Kishan Centers provide active support and point of interaction for seller and buyer. Check quality to build confidence and provide necessary feedback, information and guidance.
- Transportation and Assistance



4000+

Number of farmers benefitted



2500+

Paid Customers



Sravik India LLP

B2B ka local Humsafar
www.the-dealers.com

Founder: Vikram Sahu

Email: sravikindiallp@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Lack of supply chain management platforms.

Tech Brief

ERP based platform with integrated logistics and sustainable distribution system for agri-product suppliers.

Product USP

- Providing products in B2B market at low cost and shorter delivery periods.
- As an aggregator, providing a digital market place for the Distributors & Retailers.
- For every distributor, providing an auto generated online catalogue.
- Credit payment option for retailers based on Data analysis by a 3rd party.
- "The Dealer assurance" in payment option for payment surety.
- A customized ERP Solution for a subscription.



200+

Number of farmers benefited



150+

Paid Customers



Taru Venture LLP

A sustainable rural agri supply and value chain

Founder: Nitin Kumar Dewangan

Email: nitin.dewangan@tarufoundation.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Absence of a supply chain for Lac and other forest produce.

Tech Brief

Linking Lac producers/farmers to the market through tech based platform.

Product USP

- Business is based on tribal forest products, which also includes number of beneficiaries like farmers and family to provide them the income opportunity and business understanding.
- Sustainable model which will create a parallel income source for farmers throughout year.



400+

Number of farmers benefitted



100+

Paid Customers



Tripur Plastic & Services LLP

Online Mapping of Farmers And machine owners
www.tripur.in

Founder: Roshan Kumar Chandrakar

Email: tripur765@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of a channel for on-demand and on-time availability of agri-implements in a cost effective manner.

Tech Brief

An online aggregation platform for farm machineries for farmers/users and machine operators/owners.

Product USP

- Two integrated mobile apps namely Machine app & User app.
- Accurate, efficient and cost-effective solution.
- Use of geographical location, which ensures safety and allows for tracking of machine.
- Can be integrated with other available ERP systems.



800+

Number of farmers benefited



100+

Paid Customers



VD Techsol Pvt. Ltd. (Farmgood)

Digitise seed to sale market by empowering Farmers
www.farmgood.in

Founder: Pratik Sharma

Email: pratik701@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Reduced price transparency for farmers and price increases due to multiple intermediaries.

Tech Brief

Startup is providing a solution through dual delivery model of technology platform and service delivery centre connecting farmers through technology and information, organic certification, market quality input, and technical support throughout the season at affordable price.

Product USP

- End-to-End full-service package solution (online & offline) to optimize farming practices
- Increase yield, predictability of produce and market linkage with buyers under one roof in an accessible and affordable way



450+

Number of farmers benefitted



100+

Paid Customers



7+ states

Geographical Coverage



Allagrionline Pvt. Ltd.

Think Poultry, Think EGIYOK.
www.egiyok.com

Founder: Ashok Kumar

Email: ashoksingroha@egiyok.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Due to lack of centralized market and limited access to the buyers & sellers in the poultry sector, farmers and manufacturers have to sell their products on undefined prices.

Tech Brief

The startup has a digital platform, offered for web and android app, which provides a B2B platform for Poultry Products & Services. The marketplace/platform shall help farmers sell their ready produce faster and with ease in the market.

Product USP

- India's First B2B Poultry Marketplace
- Only Platform covering all the categories of Poultry
- Gives facility to buy & Sell products on same platform



2500+

Number of farmers benefitted



Pan India

Geographical Coverage



Bagri Milk Parlour Pvt. Ltd.

Innovating Milk Procurement, Value Chain Creation & Marketing of Milk Products
www.bagrimilk.com

Founder: Pradeep Singh

Email: pssheoran@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

The existing vendor based Procurement and Distribution model does not have answers for milk stability. It takes hours to reach the milk at the processing unit. There is rampant adulteration to inhibit bacterium growth in milk.

Tech Brief

The startup is ensuring farmer welfare via supply chain innovation by buying milk from dairy producers at market pricing. Assist in capacity building, and skill development of the dairy farmers for producing preservative-free milk products.

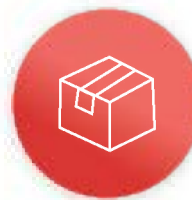
Product USP

- Designing food items rooted in traditions to reconstruct the relations back to their memory lanes creating lineage for customers.
- Contribution to the health of the people by promoting healthy and pure Milk Products through transparent and reliable model in the age of fast-foods.
- Local production/sourcing and stabilization by boiling offers a cross point between health and taste.



100+

Number of farmers benefitted



14+

Number of products in the market



12000+

Paid Customers



Diem Agro LLP

Making Fresh Produce Trade Easy
www.diemagro.com

Founder: Mohit Dangri

Email: contact@diemagro.com,
mohit.dangri1691@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture
University, Hisar

Problem Statement

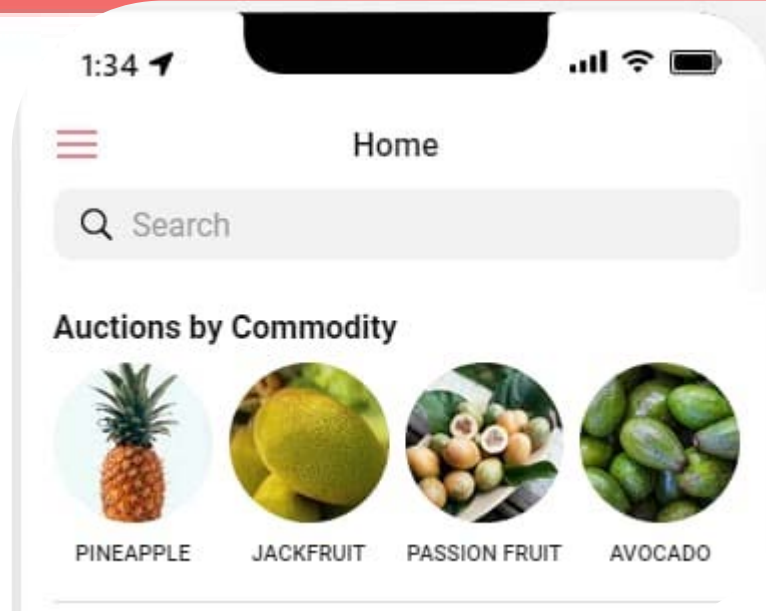
The absence of a transparent and impartial market linkage platform for fresh produce producers and interstate wholesale purchasers, particularly for pineapple farmers in Kerala and buyers in Delhi, prohibits farmers from realising the untapped potential in the fruits and vegetables value chain.

Tech Brief

The startup is an online Multi Stage Auction platform for fruits and vegetables that allows any seller or buyer to trade commodities in bulk or small amounts at different levels of the supply chain, from farm gate to retail.

Product USP

Direct procurement of maize crop from farmers.



200+

Number of farmers
benefitted



75+

Paid Customers



5 States

Geographical
Coverage



Uniqueleaf Agri Business Pvt. Ltd.

Direct from Farms
www.thefarmart.com

Founder: Gurwinder Singh

Email: garrys432@gmail.com,
officeuniqueleaf@gmail.com

Foundation Year: 2018

Location: Punjab

Incubated at: CCS Haryana Agriculture
University, Hisar

Problem Statement

Lack of logistic solutions to support the delivery of fresh products to the customers.

Tech Brief

This start up modifies E-Rickshaws by converting into E-Carts with added features including fogging system, thermal cooling chambers, and UV light for delivering fresh, hygienic, and premium quality products directly from farms to clients in an environmentally responsible way.

Product USP

- Pollution-free strategies generate employment
- Door-to-door delivery of hygienic, farm-direct food at a reasonable price
- Produces benefits for both producer and consumer, since the producer receives a decent selling price and the consumer receives fresh agricultural food.



600+

Number of farmers benefited



50+

Paid Customers



Farmsbook Solutions Pvt. Ltd.

Farmer growth is our passion
www.farmsbook.com

Founder: Pankaj Sharma, Raushan Kumar

Email: kaulpankaj9@gmail.com

Foundation Year: 2019

Location: Rajasthan

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of demand and supply related information in agriculture.

Tech Brief

Deploying AI and Blockchain based algorithm for smart crop farming decision and optimizing the supply chain from farm to end consumer.

Product USP

Easily accessible for farmers & buyers.



6500+

Number of farmers benefited



1000+

Paid Customers



GRV Junction Agritech Pvt. Ltd.

Simplifying Agritrade Globally
www.originkonnect.in

Founder: Ajit Jangle, Ravish Kumar

Email: ajit.j@originkonnect.in

Foundation Year: 2020

Location: Gujarat

Incubated at: MANAGE, Hyderabad

Problem Statement

International agritrade is complex and risky.

Tech Brief

B2B supply chain tech platform for international agritrade.

Product USP

Integrated service offering.



120+

Paid Customers



400+

Number of farmers benefitted



08

Number of products in the market



Pan India and UAE

Geographical Coverage



North East Farm Sales Promotion

To promote NE across globe
www.secretsofbrahmaputra.com

Founder: Bhanu Pratap Singh
Email: ednortheastsales@gmail.com
Foundation Year: 2019
Location: Assam
Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of on-demand & contract packaging services in the North Eastern states of the country.

Tech Brief

Startup is providing quality packaging services to the branded food products of North Eastern states by using high-end eco-friendly paper cans which are making the more marketable.

Product USP

Providing services to all 8 North Eastern states.



2200+

Paid Customers



1500+

Number of farmers benefitted



70

Number of products in the market



Pan India

Geographical Coverage



Zvasquad LLP

For a Sustainable Future

www.zvasquad.com

Founder: Sayantan Mitra

Email: mitra08sayantan@gmail.com

Foundation Year: 2020

Location: West Bengal

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of reliable crop prediction data.

Tech Brief

Startup is generating crop prediction statistics based on the stored crops and food items stored in cold storages as well as consumer market data.

Product USP

- From controlling cold storage remotely and data driven approach to maximize the quality and shelf life of the product.
- Forward integration to the consumer market and predicting the future produce for maximizing food security.
- Decentralized small scale IoT based solution.



Agriculture



Waste Management



Healthcare



Energy



200+

Number of farmers benefitted



100+

Paid Customers



G-Tree Agrotech Pvt. Ltd.

Soil to Soul

Founder: Bindu Gouri Kottaram

Email: agrotechgtree@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: Indian Institute of Millets Research, Hyderabad



Problem Statement

Lack of market access to the produce grown by tribal farmers.

Tech Brief

Back ward integration by supporting tribal farmers with seeds and manure, procuring with 10% more than market price, benefit sharing according to biodiversity law, value addition of the products using both indigenous methods blended with modern technology.

Product USP

Carrying out millet value addition and natural products.



8+ States

Geographical Coverage



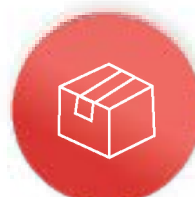
4000+

Paid Customers



3200+

Number of farmers benefitted



18

Number of products in the market



Avika Cold Chain Solutions

Product based Temperature controlled rooms

Founder: Srikanth Chukkapalli

Email: sree7788@yahoo.com

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

- Existing cold storages are used to store only one product at only one specific temperate and for long duration which is not suitable for farmer
- Maintaining unsuitable temperature causing product damage and revenue loss

Tech Brief

The startup is providing temperature-controlled storage for farmers as per product requirement.

Product USP

- Provide multiple cold rooms with different temperature for different products accordingly.
- Assuring product is in good quality for longer duration and avoiding wastage.



400+

Number of farmers benefited



500+

Paid Customers



Agroguardian Services Pvt. Ltd.

Always Fresh! Always Healthy!
www.agroguardian.com

Founder: Manish Kumar

Email: hello@agroguardian.com

Foundation Year: 2020

Location: Himachal Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of technological solutions for prediction of market trends, risk factors, pricing, etc..

Tech Brief

Technology based smart solutions which help in predicting market trends, risks, prices, etc..

Product USP

- In-house agritech solutions like price prediction, tracking, advisory for farmers & customers.
- On-demand fresh produce delivered directly from the farmers of Himalayan ranges (Himachal Pradesh).



1000+

Number of farmers benefitted



65+

Paid Customers



Apna Godam

Super app for farmers providing Online Mandi, Finance, Warehousing and logistics company
www.apnagodam.com

Founder: Sanjay Agarwal

Email: sanjayagarwal@apnagodam.com

Foundation Year: 2016

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

Lack of infrastructure for storage of agricultural produce and lack of financing services for farmers.

Tech Brief

The startup is providing an application through which the customer can sell/buy commodities, deposit stock in warehouse/withdraw from warehouse, take commodity pledge finance/repay, digitally.

Product USP

- Triparty agreement between the user and the companies (NBFC & Online Mandi).
- User/Depositor of the stock can sell the produce in warehouse even if the loan is taken on it.



2000+

Number of farmers benefited



1500+

Paid Customers



Bastar Se Bazaar Tak

Improving livelihoods of tribal smallholders through
Non-timber forest produce
www.bastar.live

Founder: Satendra Singh Lilhare

Email: bastar44@outlook.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of market access to tribal made products and limited employment opportunities for tribal youth and women.

Tech Brief

The startup is providing market access to forest produce such as custard apple, tamarind, jamun, etc. while providing additional income and employment opportunities to rural tribal forest dwelling farmers through post-harvest management, value addition, and marketing of processed Non-Timber Forest Produce (NTFP).

Product USP

- Flexible and supportive employment for tribal farmers.
- Reducing post-harvest losses and supplying high quality, unadulterated, processed forest produce to urban consumers at a fair price.





Crophunt Agritech Pvt. Ltd.

Building India's F2B Agri Commerce Infrastructure
www.crophunt.com

Founder: Nishant Dubey

Email: nishant@crophunt.com

Foundation Year: 2020

Location: Haryana

Incubated at: NIAM, Jaipur



Problem Statement

Inability of Farmers and FPOs to sell into interstate and intrastate markets

Tech Brief

Crophunt's cloud-based software helps farmers connect with the nearest storage-cum-sales centre, within a 20-25kms range, and allows them to request for a pickup or drop off of commodities where they are weighed and analysed for quantitative, qualitative parameters to target high margin markets. Also, the transactional data of farmers is being recorded for multiple activities like sales, storage, purchase which can be downloaded and shared to anyone they prefer, this facility is further helping the farmers to maintain their ledgers electronically hence digitizing their records.

Product USP

The startup's approach is to connect farmers and buyers by increasing the visibility of their requirements and routing the trade through collection partners which are village-based entrepreneurs. Allowing farmers and stakeholders sell and earn faster & better.



800+

Number of farmers benefitted



70+

Paid Customers



6 States

Geographical Coverage



Impact Sehkar Pvt. Ltd.

Increasing Farmers Income, Generating livelihoods for Rural Youths and Promoting Micro Entrepreneurs

Founder: Anil Pareek

Email: ceo@impactsehkar.com

Foundation Year: 2018

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

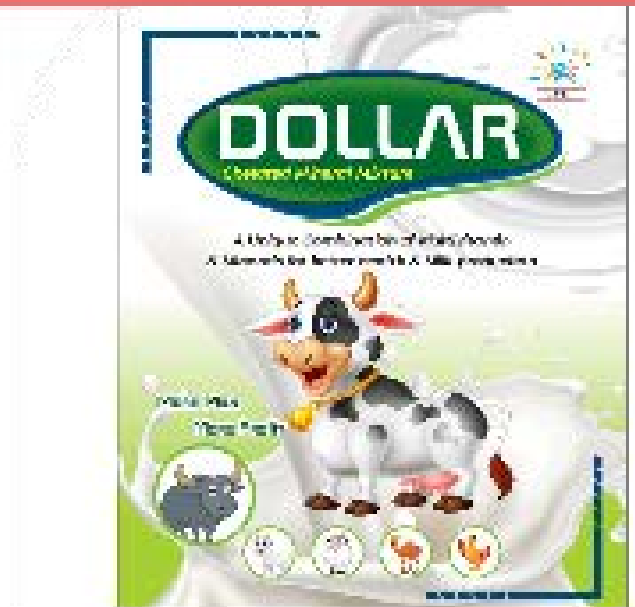
Decreasing farmer's income, rising unemployment in rural areas and lack of business opportunities with minimum investment in villages.

Tech Brief

Startup is working on Supply Chain Innovation through Phygital D2C network for Agri-Inputs and Animal Nutrition Products.

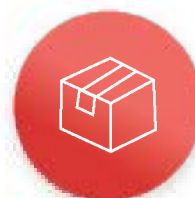
Product USP

Blend of Ayurveda / Herbs with conventional products to improve efficacy of Animal Nutrition Products and Promoting Organic Agriculture with Bacteria based Fertilizer



300+

Number of farmers benefitted



08

Number of products in the market



100+

Paid Customers



Agro Heritage Pvt. Ltd.

Go Natural

Founder: Subodh Choudhary

Email: subodh1161@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour

Problem Statement

Lack of natural and organically grown indigenous rice varieties in the market.

Tech Brief

Startup is procuring organically grown and unadulterated (sonam) Katarni Rice and selling it to the consumers at a premium, therefore motivating the farmers to cultivate Katarni Rice.

Product USP

- Making pure Katarni seeds available to the farmers.
- Helping the farmer in harvesting and second crop cultivation (wheat).
- Unique sweet tasting, aromatic, fine short grain texture and the softest rice has been tagged with Geographical Indication for certain blocks under Bhagalpur, Banka and Munger District of Bihar.
- No or very less chemical used in its cultivation.



10000

Number of farmers benefitted



300

Paid Customers



10 States

Geographical Coverage



Patnakart Agro Farms Pvt. Ltd.

Kisanon ke munafe ka deshi art hai na apna patnakart
www.patnakart.in

Founder: Abhinabh Kumar Das

Email: patnakartonline@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour

Problem Statement

Lack of traceability and transparency in the fruit and vegetable supply chain and limited options available to farmers for selling of produce.

Tech Brief

Startup has developed a tech-driven solution to build a sustainable supply chain for fruits, vegetables and other agri based produce. It has established technology-driven procurement centres for procurement of the produce from farmers, sorting, grading, and packaging it and delivering to consumers through tech-enabled traceable logistics.

Product USP

- Inclusive & transparent food distribution network
- Empowering farmers with revenue assurance.



500+

Number of farmers benefitted



10000+

Paid Customers



5 States

Geographical Coverage



Agrikart Organics Pvt. Ltd.

Eat Organic.... Stay Fantastic....

<http://wh728961.ispot.cc/agrikart/public/login>

Founder: Rakesh Sindagi

Email: agrikart99@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

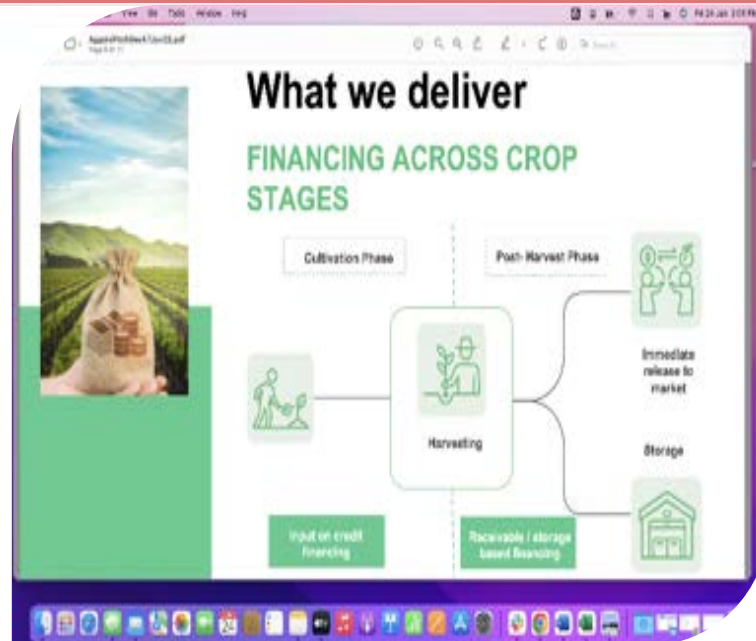
Lack of traceability in organic cultivation practices practiced by the farmers.

Tech Brief

The startup has developed an application for organic farmers to record their crop, variety and farming practices, with QR-based information access to the customer.

Product USP

- Certified organic farmer products fetch higher prices compared to other farmers' products as there will be authenticity and traceability to the product.
- The buyer of QR-code will gain the trust of the end consumer by displaying the code on the packaging of product.
- The end consumer will get to know how his food is being grown and is worth the price he/she is paying.





Samparkbindhu Solutions Pvt. Ltd.

VIKASBANDHU - Agri Marketplace enabled by Informed decisions

www.samparkbindhu.in, www.vikasbandhu.in

Founder: Gundlupet Sadananda Murthy

Email: g.sadananda.murthy@samparkbindhu.in

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Lack of technology to support farmers or SHGs for informed decision-making support of farm produce price estimation, immediate selling, lower price, and processing.

Tech Brief

The startup has an optimized technology-enabled Agri free e-marketplace for willing users to make informed decisions and enables a holistic end to end solution in the post-harvest space with multi-layer benefits.

Product USP

- Provides real-time price indices for Agri produce with prior trends.
- Direct connection between the buyer and seller based on multiple parameters enabling a better price realization at the first attempt.



Nefty Technologies Pvt. Ltd.

Platform for GI Tagged Products

Founder: Kavya Sumanth

Email: suka2928@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The lack of technology for tracking and tracing GI Tagged products for authenticity and quality is a big issue, hampering the growth of Nanjangud Rasabale.

Tech Brief

The startup has developed platform for users to reserve the GI Product.

Product USP

- Small holder farmer sowing-to-sale support that, importantly, is anchored by local
- growing+drying infrastructure.
- Centralized and stackable farming support services so that
- farmers can build trust and find what they need in one place.
- De-risked farming to reduce the risks of
- climate change and the high capital costs of technology access to smallholder farmers



50+

Number of farmers benefitted



250+

Paid Customers



Pequirel Technologies Pvt. Ltd.

Increase income of the farmer | reduce food waste while fighting climate change
www.pequirel.com

Founder: Kiran Baddi

Email: kiran@pequirel.com

Foundation Year: 2018

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Bad quality seeds, unseasonal rain, fungus infection, and photobleaching spoil chillies during the drying process.

Tech Brief

The startup is providing an affordable smart sowing-to-sale platform anchored by multi-use greenhouse infrastructure that is operated as a service-based, local business for surrounding farmers.

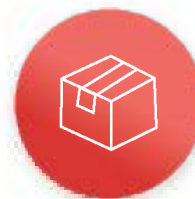
Product USP

Focus on specialty products.



230+

Number of farmers benefitted



05

Number of products in the market



45+

Paid Customers



Baa Aamaa Pet Foods LLP

Dog Chew
dogchew.pet

Founder: Bhavesh Shah

Email: bpshah1@hotmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: Anand Agricultural
University, Gujarat



Problem Statement

Lack of milk based dog food products.

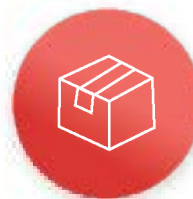
Tech Brief

Manufacturing high grade dog chew
from farm fresh milk.



250+

Number of farmers
benefitted



08

Number of products
in the market



1500+

Paid Customers



Upadhye Farmers Support Services LLP

Increasing Farm Yield with Technology support and achieve ZERO wastage in supply chain

www.farm-mandi.com

Founder: Vinayak Upadhye

Email: info@farm-mandi.com

Foundation Year: 2021

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

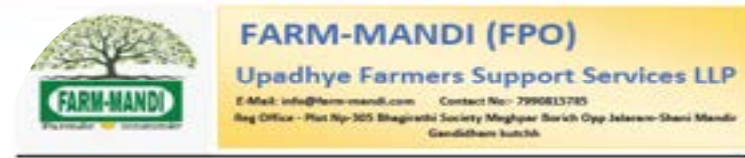
Limited platforms for procuring quality inputs and selling of produce.

Tech Brief

Startup has developed a platform for farmers to purchase farm-inputs as well as procuring the produce from them and selling directly to consumers.

Product USP

- Fresh produce sourced directly from farmers.
- Grading and sorting of the produce at the startup's godown.



Product Shown in Catalog Are Source Directly From The Farmers & Grading Done At Our Processing Units.



Whole Masoor-Dal / Red lentils

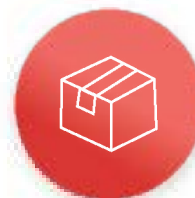


Whole Tur-Dal / Pigeon-peas



1220+

Number of farmers benefitted



10+

Number of products in the market



500+

Paid Customers



VRSS Agro Engineering LLP

Perfection is Our Priority

Founder: Vinod T Atkari

Email: ervinodatkari@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Lack of storage facility at the farmgate level causing loss of produce.

Tech Brief

Startup has developed automated and ozone fumigated small capacity food grain silos for farmers.

Product USP

- Small capacity (for individual or group of farmers)
- Ozone fumigation



150+

Number of farmers benefitted



30+

Paid Customers

Technoexpert Solutions

Founder: Bharat Shinde

Email: xperttransline@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Loss of perishable agri produce due to non maintenance of proper ambient conditions during road/sea transport.

Tech Brief

Real time temperature monitoring device for reefer containers.

Product USP

Real time information access to both buyer and seller Cost effective and ease of operation, Remote Data access through cloud storage



200+

Number of farmers benefitted



32

Paid Customers



Froots Technologies Pvt. Ltd.

FROOTS – Food with good roots

www.froots.co

Founder: Shefalika Sharma

Email: shefalika@fruits.co

Foundation Year: 2019

Location: Maharashtra

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of traceability for food products to ensure authenticity and genuineness.

Tech Brief

Startup is providing safe and traceable food produce, from a network of trusted, individually owned but centrally monitored, blockchain and IoT enabled Smart Farms.

Product USP

- Platform as a service for 'Evidence based 'quality conscious' food that connects farmers and buyers.
- Building a proprietary Evidence Based Quality Management (EBQM) framework, wherein technology is being used to set proof points of quality at farm level.
- IoT sensors are being used for field monitoring and tracking.
- Blockchain is being used to incentivise grower to grow right and establish tamper-proof farm quality evidences.



650+

Number of farmers benefitted



2000+

Paid Customers



OriginKonnnect

Simplifying Agri-Trade Globally
www.originkonnnect.in

Founder: Ajit Jangle

Email: ajit.j@originkonnnect.in

Foundation Year: 2020

Location: Maharashtra

Incubated at: National Institute of
Veterinary Epidemiology and Disease
Informatics (NIVEDI), Bengaluru

Problem Statement

Complexities and unreliability in the supply chain for international agri-food trade.

Tech Brief

Supply chain technology platform offering all required services such as working capital support, ocean freight, logistics services at origin as well as at destination, by partnering with service providers.

Product USP

- Exporter / Importer can avail all required services on one platform
- End to end visibility across supply chain
- Ecosystem of rated exporters, Importers and service providers to minimise risk



450+

Number of farmers benefitted



60+

Paid Customers



12 States

Geographical Coverage



Earthy Pure Pvt. Ltd.

Freshness Delivered

Founder: Pranab Jyoti Barman

Email: pranab2818@gmail.com

Foundation Year: 2020

Location: Assam

Incubated at: AAU, Jorhat

Problem Statement

Availability of quality and hygienic perishables like meat, fish, vegetables and fruits at door step. Lack of designated market/mandi or home delivery of organically grown and less chemical fertilizer used vegetables. Fish and Meat are usually sold in unorganized markets (street vendors, door to door marketing) without proper hygienic practices.

Very Limited availability of custom cuts like Boneless, Drumstick, ribs, etc. and availability.

Tech Brief

- Open Source Platform backed by Amazon Cloud Services
- Android App and Ecommerce portal is developed in house and hence customizable according to business requirement.

Product USP

- Availability of organic & less fertilizer used vegetables and exotic fruits and vegetables
- Multiple Varieties of Fresh Vegetables, Fruits & Non Veg items under one roof



150+

Number of farmers benefited



2200+

Paid Customers



SusTechMind LLP

Empowering Sustainability through Technology & innovation

www.kissthefarm.com

Founder: Purvi Sankhla

Email: purvi.sankhla@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur

Problem Statement

Lack of traceability and information asymmetry in the demand-supply cycle of agricultural produce.

Tech Brief

Developed a data enabled platform providing traceability and predictability of demand-supply, while connecting consumers and sustainable farmers with each other.

Product USP

- Focussed on sustainable agriculture.
- Connecting right supply and demand.



2000+

Number of farmers benefitted



50+

Paid Customers



We Are Fresh Innovations

An online store for fresh Seafood and Meat
www.wearefresh.in

Founder: Sindo Vincent

Email: sindovincent@yahoo.co.in

Foundation Year: 2019

Location: Kerala

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of availability of fresh meat at the consumer doorstep.

Tech Brief

Online store for fresh meat and seafood delivered at the doorstep of the consumer.

Product USP

- Fresh cut products – Non frozen
- Smart Packing
- Cold Chain till doorsteps
- Strip based authentication of meat/ Traceability



100+

Number of farmers benefitted



10000+

Paid Customers



Al Kareem Souq Pvt. Ltd.

Premium Kashmiri Products

Founder: Adnan Ali Khan

Email: adnanalikhan26@gmail.com

Foundation Year: 2020

Location: Jammu and Kashmir

Incubated at: NIAM, Jaipur

Problem Statement

Limited branding, marketing, packaging, and grading facilities for agricultural and horticultural products of Jammu and Kashmir.

Tech Brief

Startup has developed an e-marketplace for the products grown in Jammu & Kashmir such as Apple, Walnut, Almond, Saffron, Kahwa Powder etc., procured directly from the farmer and sold directly to the customer.

Product USP

- Providing assured market to the farmers of the region.
- Providing branding, marketing, and packaging for the products grown by farmers.



1000+

Number of farmers benefitted



2000+

Paid Customers



Freshsharp

Freshsharp is online platform to order the best quality of Chicken, Mutton and Seafood products

www.freshsharp.com

Founder: Md Majaz Hassan

Email: majazhassan26@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour



Problem Statement

Limited availability of fresh and hygienic meat products and lack of traceability in their supply chain.

Tech Brief

- Delivery within 30 minutes.
- Quality check of the products.

Product USP

Startup has developed an online platform for buying fresh and raw meat products using blockchain to ensure food safety, traceability, and visibility of the supply chain.



200+

Number of farmers benefited



10000+

Paid Customers



Tribe Delight Pvt. Ltd.

Organic Healthy You
www.tribedelight.com

Founder: Sunil Kumar Panigrahi

Email: sunil@tribedelight.in

Foundation Year: 2019

Location: Odisha

Incubated at: National Rice Research Institute, Cuttack

Problem Statement

Lack of innovation in the value added food products for urban consumers, encourages the consumption of junk foods.

Tech Brief

The startup has created an online platform to link millet based value added products for urban consumers. The platform will also act as linkage for millet producers to create value chain of millet based tribal producers.

Product USP

- The grain was collected from Koraput, Tribal Producers
- Organic and healthy
- Hill test at house
- Native Variety



1000+

Paid Customers



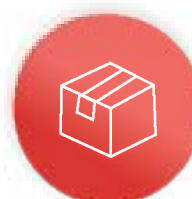
05

Number of awards achieved



100+

Number of farmers benefitted



10

Number of products in the market



Nutriplus Foods Pvt. Ltd.

Driving innovations in community based agribusiness and safe foods to consumers

www.nomadicbites.com, www.simplysatwik.com

Founder: Dr. B. R. Athani

Email: athanibr@nutriplusfoods.com

Foundation Year: 2016

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of viable solutions for optimization and tracking of meat supply chain.

Tech Brief

The startup has developed a tech driven supply chain implementation of meat. It is providing slaughter house linkage and waste metrics data tracking, offering premium meat to consumers through RFID tags-based traceability, specialized lamb feed to fine tune meat quality to have lower cholesterol, zero pesticides and antibiotics.

Product USP

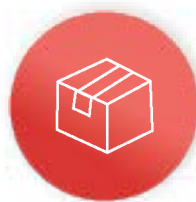
- Low cholesterol, zero antibiotic and zero pesticide residues, premium meat from local breed lambs.
- Processed and packed hygienically, eco-friendly waste management done.
- Products procured from farmers and timely payments done.



3500+
Paid Customers



8800
Number of farmers benefitted



45+
Number of products in the market



Brightcrop Agro Products Pvt. Ltd.

Bringing a positive change in the lives of marginal and small farmers in India by empowering them to use organic farming practices without any harmful chemicals

www.organicsfoodmarket.com

Founder: Manjul Kumar Choudhary

Email: info@organicsfoodmarket.com

Foundation Year: 2018

Location: West Bengal

Incubated at: AAU, Jorhat

Problem Statement

Gap in demand & supply of safe, chemical-free, and certified organic products.

Tech Brief

The startup has developed a Supply Chain Management Software that helps in managing the B2B orders for organic produce efficiently. It has also developed an android-based application for B2C customers that offers products under various categories such as Organic Fruits & Vegetables, Groceries, Gourmet & Packaged Foods, Kitchen Essentials. Data collected from the application helps in understanding the demand and in managing stock-based demand-supply. The organic produce is procured from the local farmers in North East India.

Product USP

- Products procured directly from farmers registered under Agricultural and Processed Food Products Export Development Authority (APEDA).
- Products updated as per consumer feedback collected through a QR code-based response recording system.
- Farm to fork traceability.
- Accessible through major eCommerce platforms such as Amazon.



1200+

Number of farmers benefitted



5000+

Paid Customers

04

POST HARVEST, FOOD TECHNOLOGY & VALUE ADDITION

Adding value to farm produce at various stages with environment friendly solutions.





Amalfarm Solutions Pvt. Ltd.

Amalfarm platform helps people to buy authentic, traceable GI tag food products, sourced directly from origin and the farmers

www.amalfarm.com

Founder: Rahul Prakash

Email: rahul@amalfarm.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited consumer knowledge about GI tag products, and farmer unawareness about GI tag benefits.

Product USP

- Traceability solution which informs the consumers about the farmer who has grown the crop, its location, and the product test results.
- The GI tag number and logo on the pack also ascertains the trust in the product.

Tech Brief

Startup is helping consumers purchase authentic, traceable GI tag food products, sourced directly from origin source and farmers.



10+ States

Geographical Coverage



1500+

Number of farmers benefitted



15+

Number of products in the market



1000+

Paid Customers



Leafera Agro Foods Pvt. Ltd.

celebrating life with nature

www.leafera.in

Founder: Kameshwar Kota

Email: leaferaind@gmail.com

Foundation Year: 2019

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited market opportunity for Moringa farmers and products.

Tech Brief

The startup is producing herbal teas by using Moringa Oleifera (Drumstick) Leaves along with different spices and herbs, thus providing natural herbal products to the consumers and an assured market to Moring farmers.

Product USP

- Caffeine-free, Chemical-free, nutritional beverage.
- Presence of essential nutrients which are required by the body.



14 States

Geographical Coverage



1500+

Paid Customers



200+

Number of farmers benefitted



14

Number of products in the market



JVKS Agrotech Pvt. Ltd.

Moringa Superfood
www.drminga.com

Founder: Kamini Singh

Email: jvksag@gmail.com

Foundation Year: 2018

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of initiatives to explore the health benefits of Moringa and its byproducts.

Tech Brief

The startup is manufacturing moringa based products which are for good health and the environment.

Product USP

Pure moringa based superfoods.



15 States

Geographical Coverage



1000+

Number of farmers benefitted



14

Number of products in the market



1500+

Paid Customers



Himshakti Global Foods LLP

Himalayan agri products and salts business
www.him-shakti.com

Founder: Harshit Sehdev

Email: himalay.shakti@gmail.com

Foundation Year: 2019

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of alternative and sustainable sources of income for the Himalayan villagers and limited availability of quality Himalayan food products to the consumers.

Tech Brief

The startup has created an online platform through which it is providing different hill food products, especially salts and procuring the raw materials.

Product USP

- Selling artisanal seasoned salt of Uttarakhand which is made using a traditional recipe.
- Kshaar Salt is naturally iodized, naturally alkalised and has over 84 minerals.



10 States

Geographical Coverage



100+

Number of farmers benefitted



15

Number of products in the market



1000+

Paid Customers



KumaonKhand AIH Pvt. Ltd.

KumaonKhand is a brand of Nature Produced, Community Processed Processed goods viz. Hemp from Indian Himalayas
www.kumaonkhand.com

Founder: Pavitra Joshi

Email: kumaonkhand@gmail.com

Foundation Year: 2021

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Disorganized hemp market and lack of processing infrastructure in Uttarakhand.

Tech Brief

The startup has developed micro-industrial clusters across different districts of Uttarakhand for post-harvest processing of hemp, while also developing its own hemp-based product range.

Product USP

- Hemp based food products rich in Omegas, Protein, and a good source of nutrition.
- Anti-microbial, anti-fungal, and sustainable hemp fabric-based products.
- Hemp personal care products for hair and body care.



Roasted Hemp Seeds
SKU: 400g, 1kg



Hemp Hearts
SKU: 250g, 500g

HEMP PROVIDES

food fashion personal care medicine construction



Pan India

Geographical Coverage



500

Number of farmers benefitted



15

Number of products in the market



200+

Paid Customers



IRA Savourings LLP

Indigenous. Rural. Authentic
www.irasavourings.com

Founder: Aswini Rayala

Email: aswini040@gmail.com

Foundation Year: 2021

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of optimum incentives, high input costs, and poor market linkages for horticultural farmers of Uttarakhand.

Tech Brief

The startup is procuring horticultural produce from hill farmers of Uttarakhand and producing different products such as fruit butter, fruit spread, canned fruits etc.

Product USP

- Providing fair incentive to the farmers of Uttarakhand.
- Making authentic processed products from hill produce in the South-Indian Markets
- Naturally processed products.



10 States

Geographical Coverage



100+

Number of farmers benefitted



27

Number of products in the market



500+

Paid Customers



Raheja Solar Food Processing Pvt. Ltd.

Let's work together to make our farmers independent
www.rsfp.in

Founder: Varun Raheja

Email: varun.raheja15@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Post-harvest losses faced by the farmers due to a lack of on site drying and processing innovations.

Tech Brief

The startup has developed a solar dryer for dehydrating fresh fruits and vegetables in a controlled environment while retaining their natural colour, taste, fragrance, and nutrients, with a shelf life of upto 6 months under normal conditions without the use of preservatives.

Product USP

- Do-it-yourself module-based dryer
- Portable, mobile, and foldable
- Affordable and easy to maintain with almost negligible delicate instruments



Pan India

Geographical
Coverage



10000+

Number of farmers
benefitted



05

Number of products
in the market



1500+

Paid Customers



Avinashh

Your Trusted Food Farmacy

www.avinashh.com

Founder: Busi Pragjanand

Email: avinashhglobal@gmail.com

Foundation Year: 2014

Location: Andhra Pradesh

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Cumbersome and time consuming process for making millet rotis.

Tech Brief

Startup has developed a machine 'MilletMatix' for making hygienic nine varieties of millet rotis with ease at faster rate while also producing pre-mix flours.

Product USP

Table top compact automatic machine compatible with the branded pre-mixed flour 'Millee'.



10+ States

Geographical Coverage



2500+

Number of farmers benefitted



10

Number of products in the market



20000+

Paid Customers



USAS Natural and Herbal Products Pvt. Ltd.

A cup of freshness
www.himpure.in

Founder: Udhey Singh

Email: udheysingh101@gmail.com

Foundation Year: 2019

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur

Problem Statement

Lack of reliable herbal and artificial sweetener free food products in the market.

Tech Brief

The startup offers chemical free food products in the market, creating enough demand for the supply.

Product USP

- 100 % natural
- Starch free
- Value addition in Tea
- No Preservative in Coffee



Pan India

Geographical Coverage



100+

Number of farmers benefitted



15

Number of products in the market



10000+

Paid Customers



Nutritatva Foods Pvt. Ltd.

Nutritatva offers all natural tasty and healthy packaged snacks

www.nutritatva.com/home

Founder: Dr. Mani Upreti

Email: mani.upreti@nutritatva.com

Foundation Year: 2015

Location: Haryana

Incubated at: IIT – BHU, Varanasi



Problem Statement

Grabbing a quick snack between meals often lands us with unhealthy products that may be tasty but provide little nutrition.

Tech Brief

The startup uses vegetables that have been dried using patented technology to manufacture healthy snacks, which are tasty as well as rich in nutrition, protein and fibre.

Product USP

Functional benefits of fibre as well as protein without using any synthetic preservatives or additives



7+ States

Geographical Coverage



2000+

Number of farmers benefitted



06

Number of products in the market



50000+

Paid Customers



RAAV Techlabs Pvt. Ltd.

Solutions For Your Every Quality Needs

www.raav.in

Founder: Rahul Kumar

Email: rahul@raav.in

Foundation Year: 2017

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of rapid quality assessment solutions that can enhance the efficiency of existing supply chain practices..

Tech Brief

Startup has developed a quality assessment tool that infuses AI and spectrophotometry in a portable, miniature scanner for assessing cereals, oils seeds, pulses, and Fruits & Vegetables.

Product USP

- Non-invasive, rapid assessment solutions with accuracy matchable to chemometric standards.
- Portable scanner solutions applicable for multiple commodities at economical prices and flexible purchase models.





Prafulla Winery and Hospitality Pvt. Ltd.

A beet saves your Beat

Founder: Manjula Mahesh Deshmukh

Email: desh mukh mahesh37@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Limited farming of beet root by the farmers due to its low market value.

Tech Brief

Startup has developed an innovative protocol for manufacturing of beet-root wine and also promoting contract farming of beet-root.

Product USP

- Rich in taste, colour and aroma.
- Diversifying the crops grown by the farmers.



150+

Number of farmers benefitted



100+

Paid Customers



Avocare Biotech LLP

Live Without Medicine

www.avocarebiotech.com

Founder: Haripriya Bakshi

Email: avocarebiotech@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited availability of affordable natural medicinal mushroom based products in the market.

Tech Brief

The startup is developing and selling affordable medicinal mushroom (especially Cordyceps) based products.

Product USP

- Available on multiple eCommerce platform at affordable prices.
- Help in increasing immunity, stamina & provide energy.
- Pure and natural products made with high-quality ingredients.



15 States

Geographical Coverage



50+

Number of farmers benefitted



10

Number of products in the market



5000+

Paid Customers



Eco Dehydrator By E Three Hvac System

House of solar & electrical dehydrators

Founder: SHAILESH VIJAY SONONE

Email: e3hvac@gmail.com

Foundation Year: 2014

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Wastage of agricultural produce due to lack of storage and processing facilities.

Tech Brief

Startup has developed a hybrid solar drying that uses solar energy and electricity and is 30% faster than conventional dryers.

Product USP

- Hybrid 2 stage air heating dryer with tilted solar wings, solar charged battery and DC heaters with electric back up.
- Can work 24X7 at all geographical locations for drying vegetables, fruits, herbs, etc.
- Drying is possible without connecting with power supply.



200+

Number of farmers benefited



30+

Paid Customers



Frozenhive

Cold storage solution for Indian farms.
www.frozenhive.com

Founder: Gagan Deep K. V.

Email: gagandeepkv.34@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of post-harvest storage solutions for perishable agricultural commodities.

Tech Brief

Startup has developed an innovative multi-room solar powered cold storage solution for storing perishable agricultural commodities.

Product USP

- Multiple rooms suitable at collection and distribution points for range of products.
- Cost effective Solar backup solution at the price of diesel generators.
- Higher Efficiency (Up to 30%) 4) Eco-friendly design: low amounts of non-CFC refrigerant (80% less).



100+

Number of farmers benefited



10

Paid Customers



Godaam Innovations Pvt. Ltd.

Converting traditional warehouses to smart warehouse to reduce post harvest wastage
www.godaaminnovations.com

Founder: Kalyani Rajendra Shinde

Email: kalyani@godaaminnovations.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of an efficient device to detect the initial stage of rotting in the produce stored in warehouses.

Tech Brief

The startup has developed an IoT based monitoring solution that analyses the onion crop stored in warehouses and communicates the real-time health status to the user to allow for timely interventions.

Product USP

- Converting traditional warehouses into smart warehouses to reduce crop wastage.
- Real-time updates on crop health.
- Early detection of the decomposition of the produce.



300+

Number of farmers benefitted



200+

Paid Customers



NGV Natural Industry Pvt. Ltd.

A Ready to Cook Traditional Vegetable Company
www.ngvnatural.com

Founder: Naveen GV

Email: naveengv@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of machinery for processing of traditional vegetables and limited availability of traditional Ready-to-Cook food products in the market.

Tech Brief

Startup has developed machine to process traditional vegetables such as banana stem, tender jackfruit, bamboo shoots, yam, extending their shelf life and manufacturing Ready to Cook products.

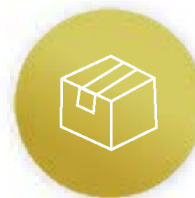
Product USP

Healthy and hygienically processed vegetables.



500+

Number of farmers benefitted



08

Number of products in the market



5000+

Paid Customers



Temperate Technologies

Decentralized cold storage solutions near the farm gate to increase the shelf life of fruits and vegetables
www.temperate.tech

Founder: Vishal Singhal

Email: vishal@temperatetech.com

Foundation Year: 2017

Location: Telangana

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Absence of automated solutions for optimum storage of onion crops.

Tech Brief

Developed a smart, cost-efficient onion storage system that maintains ideal temperature, humidity, air circulation and ventilation, and reduces storage losses from 30–60% to 10%.

Product USP

- Guaranteed low wastage
- Onion storage as a service
- No upfront payment for storage service
- Savings on transport and labour costs
- Get loan against the stored crop



800+

Number of farmers benefitted



20+

Paid Customers



Tranalab Pvt. Ltd.

Value from Waste

Founder: Ganesh C. & Nitin Deshpande

Email: ganesh@tranalab.com;
nitin.deshpande@tranalab.com

Foundation Year: 2017

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of viable solution for management of post-harvest agri- processing waste.

Tech Brief

The startup is working to formulate and produce nutritional products made from sustainable agri-processing waste which is available at scale in India.

Product USP

- This vegetarian material's amino-acids profile is comparable to milk.
- Currently the bulk waste containing these nutrients is sold at INR <1/kg or disposed-off.
- The startup is working towards adding value to this waste, by developing processes to convert it to a vegan product for consumption.





Saptkrishi Scientific Pvt. Ltd.

Uplifting the Hands that Feed Us
www.saptkrishi.com

Founder: Nikky Kumar Jha

Email: ysinikky@gmail.com

Foundation Year: 2019

Location: Bihar

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

Problem Statement

Limited availability of affordable solutions for extending the shelf-life of horticultural produce.

Tech Brief

Startup has developed a wheel-mountable, microclimate-based storage solution named 'Sabjikothi', translated to a chamber of vegetables, that can be utilized for the storage of horticultural produce preserving them from 10 to 40 days, depending upon the particular crop.

Product USP

- Does not require any chemicals and is a green solution.
- Solar energy/Low power technology- Complete setup operates on 10-watt solar panel and requires only 2 to 3 litre of water in a week.



250+

Number of farmers benefited



35

Paid Customers



Urban Hills Agrotech

Dehydration of Fruits & Vegetables

Founder: Dharun Sharma

Email: dharunsharma@gmail.com

Foundation Year: 2022

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu



Problem Statement

Limited availability of drying and processing interventions causing wastage of fruits and vegetables.

Tech Brief

Startup is procuring fruits & vegetables from the farmers, drying it using an electrical machine, and further selling it to customers.

Product USP

- Minimizes the post-harvest loss of fruits & vegetables
- Availability of horticulture products throughout the year at affordable price while maintaining 100% nutrient values.



Mapic Foods Pvt. Ltd.

Wholesome goodness

Founder: Alpna Gupta & Surbhi Gupta

Email: alpnagupta1969@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Presence of high amounts of fat and less nutritional components in the fast-foods commonly consumed.

Product USP

- Products are made with natural ingredients and plant source food
- No added preservatives or chemicals
- No refined sugar or colours

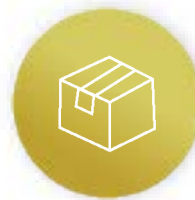
Tech Brief

The startup is manufacturing nutrients based convenient foods (pizza sticks, multigrain sticks, oats sticks, seed and bran cookies and protein/energy bites) made with super foods without using preservatives, artificial colours and essence.



100

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



DB Delicious Bites Pvt. Ltd.

Yumminess Begins Here
www.deliciousbites.in

Founder: Harjot Kaur Gambhir
Email: hkaurgambhir@gmail.com
Foundation Year: 2020
Location: Punjab
Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of nutritious ready to eat products in the market.

Tech Brief

The startup manufactures healthy bakery products made with natural ingredients free from artificial chemicals and preservatives.

Product USP

- Products based on natural ingredients; whole grains, millets, dry fruits, vegetables, fresh fruits
- No chemicals, preservatives or artificial colours
- Specialty products for diabetics, vegans, and people with gluten allergy



98

Number of farmers benefitted



15

Number of products in the market



4000+

Paid Customers

Farmer Support Agro Pvt. Ltd.

Eat Fresh and Live Fresh

Founder: Gurvinder Singh

Email: singhgurvinder724@gmail.com

Foundation Year: 2020

Location: Haryana

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Lack of value-added black wheat products in the market.

Tech Brief

The startup is producing nutrition bars made from anthocyanin rich bio-fortified coloured wheat and healthy ingredients.

Product USP

- Rich in Anthocyanin/Fe/Zn/Ca as a healthy diet option
- Low cost
- Natural binders



50+

Number of farmers benefitted



200+

Paid Customers



Mushall Farms

Health for All

Founder: Poonam Bhatia

Email: bhatiapoonam08@gmail.com

Foundation Year: 2021

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

- Lack of viable options for utilizing paddy straw thus leading to its burning.
- Limited availability of selenium rich products in the market.

Tech Brief

The startup is utilizing paddy straw to produce selenium rich mushrooms and well being products.

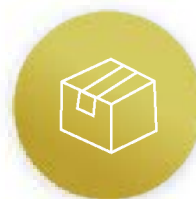
Product USP

- Enrichment of organic form of selenium in oyster mushrooms through naturally rich selenium substrates.
- Along with selenium, oyster mushrooms have been irradiated to enhance the level of Vitamin D.



100+

Number of farmers benefitted



08

Number of products in the market



1000+

Paid Customers



Tript Organics

Eat millet stay healthy

Founder: Harpreet Kaur

Email: triptorganics@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Lack of healthy convenient milled based food alternatives for diabetics and gluten-allergic people.

Tech Brief

The startup is manufacturing millet-based food products such as millet based ragi malt and millet based idli premixes which are easy to consume and a healthier alternative to other commonly available products.

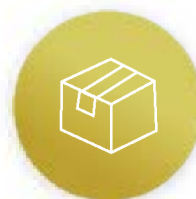
Product USP

- Rich in calcium
- Free of preservatives, chemicals, and added sugar
- Gluten free and easy to digest



92

Number of farmers benefitted



12

Number of products in the market



200+

Paid Customers



Dhaliwal Honey Bee Farm Pvt. Ltd.

Founder: Narpinder Singh Dhaliwal

Email: narpinder_4u@yahoo.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Absence of optimum pricing for value added honey products such as mustard honey and cream honey.

Tech Brief

The startup is producing value added honey products such as mustard honey and cream honey which has better price realization in the market as compared to normal honey. It is also sharing knowledge with other bee keepers in the region and helping them increase their incomes.

Product USP

- The chance of adulteration in cream honey is very minute as compared to normal honey.
- The appearance of cream honey is more appealing.
- Easy to consume as spreads and dressing and does not spill.
- Transportation is convenient as it is in semi solid form.



90

Number of farmers benefitted



06

Number of products in the market



1500+

Paid Customers



Royal Sugarcane Pvt. Ltd.

King of healthy juices

Founder: Ripudaman Singh Mundi

Email: rocky.mundi@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of natural and preservative free bottled sugarcane juice in the market.

Tech Brief

The startup is manufacturing bottled sugarcane juice which is free of chemical preservatives and has a shelf life of one year.

Product USP

- Available during off season
- Preservatives free
- Healthy ingredients used



300+

Number of farmers benefited



40000+

Paid Customers



Belly Fit Food & Beverages Pvt. Ltd.

BoYo – Bold As You
www.theboyo.com

Founder: Amar Kumar Choudhary

Email: amar@theboyo.com

Foundation Year: 2018

Location: Haryana

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of healthy and nutritious ready to eat snacks in the market.

Tech Brief

The startup is producing healthy and nutritious snacks using almonds, peanuts, cashews, foxnuts etc.

Product USP

- The snacks are roasted, not fried
- Authentic ingredients
- Quality innovation & state of the art processing Plant
- Sharing information to buy back plastic packs for recycling



86

Number of farmers benefitted



60

Number of products in the market



10000+

Paid Customers



Jainz Foodz

No Time waste, Delicious Taste

Founder: Shifali Jain

Email: quickpremix@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of natural and preservatives free ready-to-cook food products in the market.

Tech Brief

The startup has developed ready-to-cook instant mix powder which is free of preservatives, MSGs, and artificial flavours.

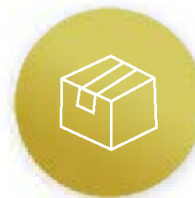
Product USP

- Instantly cook food with 3 steps
- Longer shelf life with no added preservatives



50+

Number of farmers benefitted



15

Number of products in the market



1500+

Paid Customers



Dees Vegan Valley LLP

Natural food colours and flavours

Founder: Dhvani Gambhir

Email: gambhirdhwani@yahoo.com

Foundation Year: 2021

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Artificial colours and flavours cause various health diseases; huge amount of yield of farmers is wasted and many fruits and vegetables are seasonal.

Tech Brief

The startup makes powder from fresh fruits/ vegetables/ herbs (pumpkin, strawberry, beetroot, lemon grass, orange) that provide colour and flavour naturally. It is used in bakery products (breads, cakes, icings) and homemade dishes (purees, shakes). Unlike artificial colours and flavours, our product can provide real food nutrients and boost energy.

Product USP

Free from preservatives, chemicals & sugar.



87+

Number of farmers benefited



800+

Paid Customers



Vaahi Farms Pvt. Ltd.

Vaahi Farms for better future

Founder: Gurjit Kaur & Maninderjit Kaur

Email: vaahifarms@gmail.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Post-harvest loss of mushroom is around 12.5 % due to unregulated market of raw mushroom.

Tech Brief

Startup is producing ready to eat preservative free mushroom paste, with rich source of vitamin D and protein having shelf life of 6 months, which can be used as a spread.

Product USP

- Rich source of beta-glucan
- Source of bioactive compounds



60+

Number of farmers benefitted



700+

Paid Customers



Farm Grocer Pvt. Ltd.

www.farmgrocerweb.com

Founder: Puneet Singh Thind
Email: thindpuneet@gmail.com
Foundation Year: 2016
Location: Haryana
Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of natural ready to drink fermented products in the market.

Tech Brief

The startup is manufacturing microbe and tea-based fermented drink, that is flavoured with ayurvedic herbs.

Product USP

- Fermented Tea; helps in digestion
- A Sugarless Drink; good for diabetics
- Tangy and Fizzy taste, attracts youngsters



50+

Number of farmers benefitted



06

Number of products in the market



300+

Paid Customers



Dusky Tarte LLP

https://instagram.com/_singinginkitchen_?r=nametag

Founder: Manjit Kaur

Email: manjitkaurr025@gmail.com

Foundation Year: 2021

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited availability of vegetarian Vitamin-D enriched sources.

Tech Brief

Startup is utilizing Vitamin-D enriched mushroom powder for bakery products, helping in fighting the deficiency of Vitamin-D.

Product USP

- Vitamin-D enriched mushroom powder
- No Preservatives or Additives are added.
- As the powder is put into bakery food products; it becomes more palatable for one to consume the mushroom powder.



50+

Number of farmers benefitted



300+

Paid Customers

Elen Farms LLP

Essence of local freshness

Founder: Lovleet Rana

Email: loveleetrana@gmail.com

Foundation Year: 2020

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of availability of fresh mushrooms and compost in the market.

Tech Brief

The startup developed procedures for making button mushroom compost from paddy straw and high-value mushroom production from problematic agricultural waste.

Product USP

- Availability of fresh mushrooms
- Specialty mushrooms



200+

Number of farmers benefitted



05

Number of products in the market



50+

Paid Customers



Back to Basics Naturally LLP

Slow food for a busy planet

Founder: Rahul Saxena

Email: backtobasicsllp@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Limited nutrient rich food varieties without chemical preservatives and refined ingredients in the market.

Tech Brief

The startup is offering slow processed foods with bio-active nutrition and great taste for the discerning health-conscious customer.

Product USP

- Truly junk-free and vegan products
- Nutritious products incorporating under-utilized food grains and slow processing
- Commitment to bio-degradable packaging



450

Number of farmers benefitted



08

Number of products in the market



1000+

Paid Customers



Kings Organics

The way to healthy lifestyle

Founder: Pyare Lal

Email: rajan25verma@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Unavailability of chemical preservatives-free and homemade recipe pickles in the market.

Tech Brief

The startup provides homemade pickles of organically grown underutilized vegetables using traditional recipes without artificial preservatives and adulteration.

Product USP

- Without chemical preservatives
- Unadulterated
- Pickles made from organic vegetables



50+

Number of farmers benefitted



10

Number of products in the market



200+

Paid Customers



Himpure Bio Agri Products Pvt. Ltd.

Pure and Satvik Products

Founder: Gayatri Tandon

Email: gaytritandon@gmail.com

Foundation Year: 2017

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of availability of quality products to farmers and limited market to access to the grown produce.

Tech Brief

Startup is training farmers regarding seeds and organic turmeric cultivation, while aggregating and selling their organic turmeric produce in the market.

Product USP

- Organically Certified
- Adulteration free
- Sourced from authentic source
- Product is traceable
- Curcumin content 5.2



200+

Number of farmers benefitted



100+

Paid Customers



Himalayan Naturals

Founder: Harsh Kaundal

Email: harshkaundalk29@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur

Problem Statement

Unavailability of Pasteurized oyster mushroom bags and value added products of oyster mushrooms in market.

Tech Brief

The startup produces and sells fresh mushrooms, value-added products of Oyster mushroom in the market and prepares pasteurized substrate bags for farmers.

Product USP

- No added preservative
- 0% adulteration
- 100% organic mushrooms used
- Immunity boosting,
- Highly Nutritive



200+

Number of farmers
benefitted



100+

Paid Customers



Munisha Foods India Pvt. Ltd.

A Place to Empower farmers

Founder: Vinod Kumar Kaundal

Email: vinodhamirpur3@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh

Krishi Vishvavidyalaya, Palampur

Problem Statement

Mushroom farmers are facing issues due to the unavailability of consultation services, training, and lack of market linkages. The market lacks affordable healthy snacks, for the consumers.

Tech Brief

The startup provides training and consultation services to mushroom farmers. Cultivated mushroom procured-processed, make it available to the customers through different market channels along with a variety of value-added products.

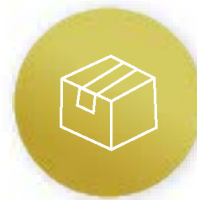
Product USP

- Organic products
- No use of pesticides
- Health benefits



1200+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Fvplus Agrotech Innovations LLP

We innovate transforming technologies of fruit and vegetables for wellness

Founder: Moushumi Ghosh

Email: mghosh@thapar.edu

Foundation Year: 2021

Location: Punjab

Incubated at: IIT – BHU, Varanasi

Problem Statement

Close to 65% of GUAVA (being soft, delicate short shelf life) PERISHES, causes economic losses to farmers. Lack of a scalable efficient Guava Processing Technology to combat, nutritional deficiencies particularly in urban settings.

Tech Brief

Startup is developing ready to eat products such as cheese, jam, jelly, chutney, etc., made from Guava and probiotics.

Product USP

Strong research driven & innovation-based product focused on latest consumer health needs high value nutritional wellness fruit based food products at low price





Kashi Organic Natural Product

Serving chemical free, organic products for healthy life of customers

Founder: Janardan Singh

Email: konaporganicnatural@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

The increasing cases of stones and their invasive, costly removal.

Tech Brief

The startup is providing stonex powder made after processing herbal plants, for stone removal without any surgery

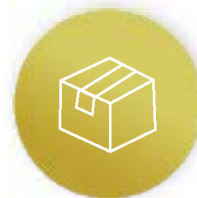
Product USP

Stone removal (for gall bladder stones too)



300+

Number of farmers benefited



06

Number of products in the market



500+

Paid Customers



Shivashrya Agro Pvt. Ltd.

www.shivashryaagro.in

Founder: Ram Kumar Rai

Email: ramkumarrai25@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of technologies to preserve flax seeds and green peas.

Tech Brief

The startup is providing Flax seeds products and green peas preservation through renewable energy – solar-based dryer and cold storage.

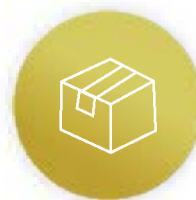
Product USP

Low cost availability of Flax seeds, green peas



1500+

Number of farmers benefited



08

Number of products in the market



250+

Paid Customers



VN Organics

Promise of Health

www.vnorganicshealth.com

Founder: Nisha Niranjana

Email: niranjannisha96@gmail.com

Foundation Year: 2020

Location: Madhya Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of efficient products to manage lifestyle and nutritional problems.

Tech Brief

The startup is manufacturing mushroom products like tea, capsule, and food products for lifestyle and nutrition-related issues.

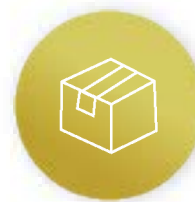
Product USP

Zero cell damage and Easy to digest



1120+

Number of farmers benefitted



15

Number of products in the market



100+

Paid Customers



Devkaush Organization

Promotion and marketing of Hill crops through value addition
www.devkaush.rf.gd

Founder: Sandeep Saklani

Email: sandeepsaklani121@gmail.com

Foundation Year: 2016

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Limited availability of food products made from hill crops.

Tech Brief

The startup is developing food products from hill crops such as Fruit Squash, RTS, Pickles, jam, Jelly, Nutrious products from millets and pulses with the technical support of Krishi Vigyan Kendra, Ranichari (T.G.).

Product USP

- Millet based value added products.
- Processing of fruits such as Malta, Buransh (Rhododendron), etc which have high market demand as well as have health benefits.
- No preservative added products.



5+ States

Geographical Coverage



300+

Paid Customers



1200+

Number of farmers benefitted



07

Number of products in the market



GreenPod Labs

Biotech based packaging sachets to extend the shelf life of fruits and vegetables
www.greenpodlabs.com

Founder: Deepak Rajmohan

Email: deepak@greenpodlabs.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Post harvest losses accounting for multi billion dollars every year.

Tech Brief

Active packaging technology to extend the shelf life of fruits and vegetables.

Product USP

Proprietary formulation that activates the plant defense mechanism. Cost-effective, patented technology.



40+

Number of farmers benefitted



80+

Paid Customers



Haldivita

Health products

Founder: Sameer Gupta, Ankit Khanduri

Email: sameer@haldivita.com

Foundation Year: 2017

Location: Delhi

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Limited availability of turmeric based health products.

Tech Brief

Startup is manufacturing a range of food products such as Latte, Tea, Cookies etc. boosted with turmeric.

Product USP

Wide range of products



800+

Number of farmers benefited



15

Number of products in the market



200000+

Paid Customers



Kalphelix Biotechnologies Pvt. Ltd.

Science with Sense for Sustainable Future

www.kalphelix.in

Founder: Kalpana Sengar

Email: kalpana.sengar19@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Limited available options for vegan protein supplements.

Tech Brief

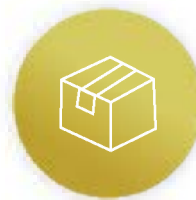
Startup is cultivating Lemna minor (Duckweed) hydroponically in a controlled environment and processing it into a vegan protein source which is also a good source for Vit B12.

Product USP

- Using full light spectrum that increases protein quality in the Duckweed by 40-50%.
- Also developing value added products such as cosmetics, seed bio-stimulant, soil conditioner, and compost fertilizer.
- Minimally processed and no chemicals used.



97+
Number of farmers benefitted



06
Number of products in the market



50+
Paid Customers

Kuninda Agro Pvt. Ltd.

Better made. Old traditions made new.

www.kuninda.in

Founder: Radhika Singh

Email: radhika@kuninda.in

Foundation Year: 2019

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Limited market access to local indigenous mustard varieties of Uttarakhand.

Tech Brief

Startup is procuring regional indigenous mustard varieties from the farmers in Uttarakhand, processing it into pastes and other value added products and selling to customers.

Product USP

- Farmer owned company.
- Locally grown, sourced and manufactured.
- Vegan and natural.
- No preservatives and additives added.



50+
Number of farmers benefited



07
Number of products in the market



400+
Paid Customers



Lukur India LLP

The Fabrics of Uttarakhand
www.lukurindia.com

Founder: Anukriti Bisht

Email: lukurindia@gmail.com

Foundation Year: 2021

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

- Limited availability of natural fibre based products and handicrafts from Uttarakhand.
- Lack of employment opportunities for local artisans and farmers of Uttarakhand.

Tech Brief

Startup is working the local farmers of Uttarakhand to grow crops for obtaining natural fibres like nettle and hemp and further engaging local artisans to produce a range of handicraft products.

Product USP

- Products are handcrafted on handlooms and made with natural fiber sourced from farmers and inspired by traditional art & crafts of Uttarakhand.
- Providing additional income opportunity to farmers and artisans.



96

Number of farmers benefited



Neoli International Pvt. Ltd.

Like Nature Intended
www.neoli.in

Founder: Parivardhan Dangi

Email: parivardhandangi@gmail.com,
info@neoli.in

Foundation Year: 2019

Location: Uttarakhand

Incubated at: Indian Institute of
Management, Kashipur



Problem Statement

Limited availability of hemp based food products.

Tech Brief

Startup is producing hemp based products based on natural hemp procured from farmers.

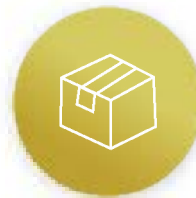
Product USP

OHemp seed oil contains 35% Omega 3, much higher than European counterparts



500+

Number of farmers benefitted



07

Number of products in the market



300+

Paid Customers



Padli Essential Oil LLP

Eukalyptus waste to aroma wealth
www.padliessentialoil.com

Founder: Vivek Kumar

Email: chaudharyv998@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Limited availability of innovations for extracting oil out of different plants such as Eucalyptus.

Tech Brief

Extracting oil from the leaves of eucalyptus through a hydro-distillation method which requires less manpower and has a low processing cost.

Product USP

- Conducted trials for small distillation unit.
- Sharing the knowledge with farmers and training them to be entrepreneurs.



1000+

Number of farmers benefitted



100+

Paid Customers



Revotech Industries Pvt. Ltd.

A novel tech

www.revotechindustries.in

Founder: Vishwambhar Chavan Patil

Email: vishvdip002@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

High cost of transportation of sugarcane for the purpose of making jaggery owing to the high water content in the sugarcane.

Tech Brief

The startup has developed a mobile jaggery unit with a small-scale (0.5 ton) jaggery production per day capacity enabling on-site processing of sugarcane thus eliminating transport and logistics cost. The mobility also provides flexibility to increase the number of production days along with manufacturing quality jaggery and its added products (jaggery block, cubes, and powder) and maintain proper hygiene.

Product USP

- Unique recipe to produce powdered jaggery.
- Proven to have longer shelf-life compared to solid jaggery.



100+

Number of farmers benefitted



10+

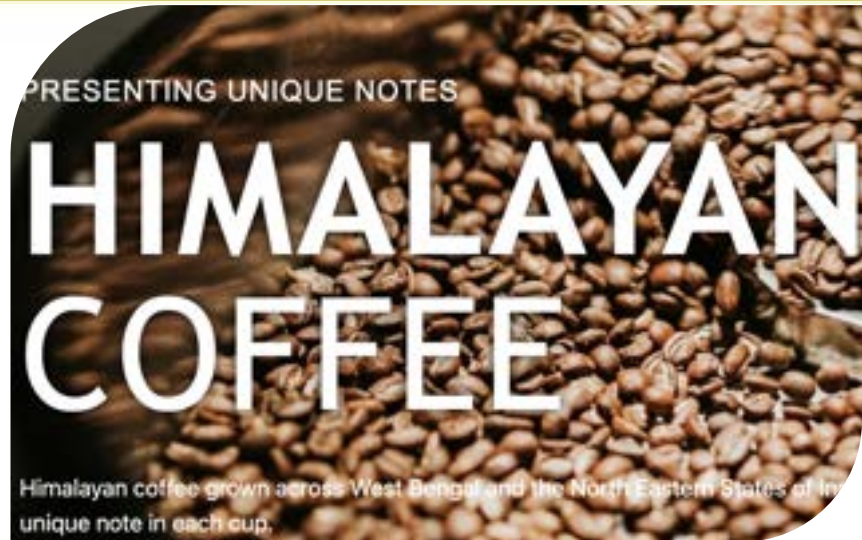
Paid Customers



Rhodotion International Pvt. Ltd.

Road to Sustainable Evolution
www.rhodotion.com

Founder: Subhankar Sanyal
Email: rhodotion@gmail.com
Foundation Year: 2018
Location: West Bengal
Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Limited market access to authentic food products from the Himalayas.

Tech Brief

Post-harvest processing and packaging of sustainable Himalayan herbal produce procured from small farmers into products such as wild teas.

Product USP

- Creating a transparent value chain between customers and farmers.
- Providing better remuneration to the farmers comparatively.



550+
Number of farmers benefitted



25
Number of products in the market



250+
Paid Customers



Superfarmers Innoventures Pvt. Ltd.

The Himalayan chia company

Founder: Elias Maritan

Email: elias@superfarmers.in

Foundation Year: 2021

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

A stagnant agriculture sector in the Uttarakhand hills is the main cause of land abandonment and rural migration. Meanwhile, a rising demand for chia seeds is fulfilled through international imports.

Tech Brief

Creation of a chia seed value chain starting from the Uttarakhand hills and ending in local, regional, and national markets. Thus solving the problem of chia seeds unavailability and bringing vibrancy to the agriculture sector in the state.

Product USP

Inclusive and small-scale farmer focussed supply chain for Himalayan Chia Seeds.



100+

Number of farmers benefitted



120+

Paid Customers



Sursona Foods Pvt. Ltd.

Adding colorful nourishment to your everyday diet.
www.sursonafoods.com

Founder: Siddhi Suresh Sarda

Email: sursonafoods@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Indian Institute of Management, Kashipur



Problem Statement

Limited availability of natural vegetable powders in the market.

Tech Brief

Startup is producing SURSONA powders made from chemical free vegetables.

Product USP

3C's Convenient-Colorful-Concentrated



100+

Number of farmers benefitted



05

Number of products in the market



1500+

Paid Customers



SONORO

An initiative towards Innovative and research based herbal products
www.sonoro.in

Founder: Isha Deshpande

Email: ishadeshpande22@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

Lack of an alternative to commonly used moth balls that release harmful gases such as naphthalene and paradichlorobenzene.

Tech Brief

The startup has developed a herbal product to replace moth balls while storing apparels.

Product USP

- Research based product i.e., novel in use of herbal components.
- The elimination of extra efforts to remove foul odour is the key USP of the product.



50+

Number of farmers benefitted



180+

Paid Customers



Han Agrocare LLP

Make room for mushroom
www.hanagrocare.com

Founder: Hiresha Verma

Email: hiresha.verma@yahoo.com

Foundation Year: 2019

Location: Uttarakhand

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

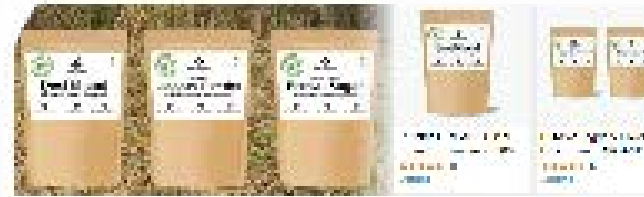
Lack of employment opportunities for women, landless farmers, and tribal population in the hill states of Uttarakhand and Himachal Pradesh, thus leading to migration.

Tech Brief

The startup is manufacturing, supplying, retailing, and exporting a range of medicinal mushrooms and medicinal mushrooms-based products and employing the local tribal population, women, and landless farmers.

Product USP

- Organic, gluten free, and vegan
- Extracted from fruiting bodies
- Alternatives to Chinese mushrooms
- Zero synthetic content



Company: Han Agrocare LLP
Product: Medicinal Mushrooms

RESULTS:



10 States

Geographical
Coverage



3500+

Number of farmers
benefitted



25

Number of products
in the market



2000+

Paid Customers



Agadyati Herb & Food Pvt. Ltd.

Products from Nature
www.agadyatiherb.com

Founder: Ambika Prasad Patel & Shubham Patel

Email: agadyatiherb@gmail.com

Foundation Year: 2019

Location: Uttarakhand

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur



Problem Statement

Limited availability of organic alternatives to sugar for diabetes patients.

Tech Brief

The startup is manufacturing 100% organic Stevia leaf and powder which can be used as an alternative to sugar.

Product USP

- Organically grown, graded and packed carefully. Affordable pricing.
- Not extracted or treated chemically, made from selected 100% natural plant leaves. Assured quality, no added preservatives.
- Cultivated on organic and supervised farms by well-trained farmers. Lab-tested and checked for quality.



560+

Number of farmers benefitted



50000+

Paid Customers



ProPlant Foods Pvt. Ltd.

Like Meat Just Better
www.promeat.in

Founder: Pranjuli Garg

Email: pranjuli@promeat.in

Foundation Year: 2021

Location: Assam

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

Unavailability of viable alternatives to meat-based protein for vegetarians.

Tech Brief

The startup is processing indigenous crops such as the Elephant Foot Yam, through a proprietary technology, providing it a texture, taste, and consistency similar to that of meat.

Product USP

- Technology used is a modification of technology which has already been tested in the pharmaceutical industry.
- Elephant Foot Yam is highly fibrous and nutritious.



50+
Number of farmers
benefitted



05
Number of products
in the market



150+
Paid Customers



Naturify

Health from Nature's wealth
www.naturifyindia.in

Founder: Dr. Juhi Mallick Muley
Email: naturifyindia@gmail.com
Foundation Year: 2019
Location: Maharashtra
Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Lack of tasty protein rich and immunity enhancing natural snacking options for fitness conscious individuals.

Tech Brief

Startup is manufacturing Nutribars containing ayurvedic herbs and superfood Moringa in the form of a tasty and on-the-go snacking option.

Product USP

- Immunity enhancing ingredients.
- Balanced formulation of micro and macronutrients
- Made with all healthy and natural components
- Fibre-rich and organic jaggery-based energy bars



100+

Number of farmers benefitted



500+

Paid Customers



Pan India

Geographical Coverage



Aaharam Innovations

Rogon se door, poshtik bharpoor
www.aaharams.com, www.bygo.in

Founder: Rakesh K Singh

Email: iaaharam@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Lack of awareness and availability of millet-based products in the market.

Tech Brief

Startup is manufacturing multi-millet based products such as Dalia and Flour under the brand name 'Mileto-G' focussed towards diabetic patients, children, and pregnant women.

Product USP

- Balanced and highly nutritious
- Helps improve immunity



8 States

Geographical Coverage



1050+

Number of farmers benefitted



05

Number of products in the market



5000+

Paid Customers



NK Products

We & Health

Founder: Vaibhav Sharma

Email: nkmushroomproducts@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur

Problem Statement

Lack of forward and backward linkages for mushroom production and processing.

Tech Brief

The startup is engaged in mushroom production and making mushroom based products while also providing training to the farmers for the same and procuring the mushrooms produced by them.

Product USP

- Vitamin-D rich source of food
- The residue can be used as cattle feed to increase the quality and quantity of dairy products

A glance of working area



NK
19/07/2021



150+

Number of farmers
benefitted



05

Number of products
in the market



100+

Paid Customers



Abhiniti Agro

A good taste in every bites

Founder: Hemlata Deshmukh

Email: hemalataadeshmukh85@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Limited processing and value addition of superfoods such as millets and small millets

Tech Brief

Processed and value-added bakery products made from minor millets.

Product USP

- Minor millets bakery product (Cake & Cookies).
- Using Malting to process millets - Malting is a controlled germination that converts raw grains into the malt, It develops enzyme such as proteases that breakdown the proteins into the form that can be used by yeast that can be easily uptake in the human body.



50+

Number of farmers benefitted



12

Number of products in the market



250+

Paid Customers



Agrograde (Occipital Technologies Pvt. Ltd.)

Standardising quality in fresh produce using A.I.
www.agrograde.com

Founder: Kshitij Thakur

Email: kshitij@agrograde.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur

Problem Statement

Limited availability of solutions for grading of mixed quality produce, which as a result has lower marketability and results into reduced income opportunity for the farmers.

Tech Brief

Patent-pending optical grading-sorting machines using artificial intelligence to detect quality parameters of fruits and vegetables.

Product USP

- Affordable optical grading sorting solution in fruits and vegetables.
- Patent-pending design is made for Indian ecosystem.
- Designed for high energy efficiency, low cost, and rough environmental conditions.
- Assures quality and provides market linkage to the users at no added cost.



200+

Number of farmers benefitted



10+

Paid Customers



Bee Bliss

The Essence of bees everyday

Founder: Kavitha Dev Nadimpalli

Email: kavithadevnadimpalli@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of market access to apiary by-products.

Tech Brief

Value addition of Bee Pollen and Propolis and producing skincare products like lip balm, body cream, soaps, and also designer candles.

Product USP

Helping organic farmers generate additional revenue through bee-keeping.



50+

Number of farmers benefitted



07

Number of products in the market



150+

Paid Customers



Biongs Technologies Pvt. Ltd.

Save Food-Save Society- Save Nature

Founder: Priti Pandey

Email: vimal.bt04@gmail.com

Foundation Year: 2018

Location: Uttar Pradesh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of natural preservatives for increasing the shelf life of agri-produce and mitigating post-harvest losses.

Tech Brief

Nanotechnology-based germicide for microbial control and management to save agricultural produce by protecting against microbial contamination.

Product USP

Product is a nanotechnology-based formulation; a well-designed delivery system that can improve the handling, ease of use, stability, and potency of plant extract-based preservatives to extend the shelf life of agricultural produce.



6 States

Geographical Coverage



100+

Number of farmers benefitted



06

Number of products in the market



150+

Paid Customers



Diang Haato Breweries Pvt. Ltd.

Taste the indogeneity
www.illusionbrewing.in

Founder: Sangeeta Badra

Email: sangeetabadra.1992@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Dependence upon imported raw materials for brewing of beers.

Tech Brief

Manufacturing crafted beers with indigenous ingredients and brewing traditions using rice, wheat, millet, and honey.

Product USP

- Unique flavoured beers crafted for a variety of palettes
- Offering a value packaging of historical & cultural heritage



17

Number of farmers benefitted



06

Number of products in the market



1500+

Paid Customers



Jungli Healthy Pvt. Ltd.

Let food become our medicine.

www.junglihealthy.in

Founder: Shiv Govind Singh

Email: sgsinghdp@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of viable options for utilization of Mahua Flower.

Tech Brief

Startup is procuring Mahua Flower from SHGs and processing it hygienically to make healthy and nutritious Daliya and Laddoos.

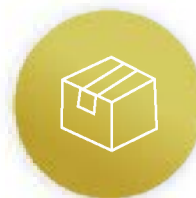
Product USP

- No added sugar
- Rich in calorie and high dietary fibres
- Protein rich and less fat



550+

Number of farmers benefitted



10+

Number of products in the market



1000+

Paid Customers



MABCo

Popping Amazing Snacks and Memories
www.popamaze.com

Founder: Pahal Bhojwani

Email: bhojwani.vikas@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Limited availability of healthy snack options for the consumers.

Tech Brief

Startup is manufacturing a range of gluten free, zero cholesterol, non-fried snacks under the brand name 'Pop Amaze' by popping natural grains.

Product USP

- 70% less fat than regular fried potato chips.
- High protein content.



10+ States

Geographical Coverage



100+

Number of farmers benefitted



10+

Number of products in the market



20000+

Paid Customers



Original Organic India

Nature For Better Future

www.originalorganicindia.com

Founder: Yogendra Narang

Email:

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Limited availability of health and immunity based organic products.

Tech Brief

Blue tea made of stevia and 'Aparajita', a plant with natural medicinal properties and health benefits.

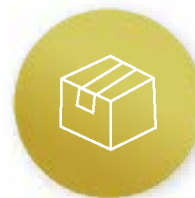
Product USP

- MRP is 30% less than other company's average product price.
- Large variety of corporate and custom gift packs.
- Mixing stevia (sugar free) in moringa green tea.



100+

Number of farmers benefitted



19

Number of products in the market



2000+

Paid Customers



S M Village Enterprise

Making Small and Marginal farming profitable by use of appropriate technologies.

Founder: Raghav S Deosthale

Email: smve.bharatiya@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

बोधि पेय

- तेमनशास कुतशी अदरक से बनी
- ताज़गी भरा स्वाद
- तनाव मुक्त करे
- निपमित सेवन रोग निरोधक क्षमता बढ़ाए
- 100% प्राकृतिक
- दुस्का काढ़ा छोटे मोटे सर्टी बूखम से राहत दे
- नारीरिक्त ऊर्जा बढ़ाए



Problem Statement

Unavailability of drying and processing solutions for agri-produce.

Tech Brief

Developing Solar Cabinet Dryers for first stage processing of produce and manufacturing food products.

Product USP

- Zero carbon emissions because of solar powered system.
- Growing 60% of raw materials needed and performing complete seed to packaging process.
- 100% natural taste, nutrition, and colour.



15 States

Geographical Coverage



90

Number of farmers benefitted



12

Number of products in the market



1200+

Paid Customers



Sanskriti Herbals

Soul of Herbs

www.sanskritiherbals.com

Founder: Chandresh Choudhary

Email: info@sanskritiherbals.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur



Problem Statement

Limited cultivation of aromatic and medicinal plants due to lack of processing facilities and channels.

Tech Brief

Startup is manufacturing a range of medicinal and essential oil based products by extracting and blending essential oils from aromatic-herbal plants which are procured from the farmers.

Product USP

- Handcrafted products made from natural and high-grade materials.
- Free from chemicals and do not harm the skin.
- Environment friendly.



100

Number of farmers benefitted



10

Number of products in the market



500+

Paid Customers



Soulmaatri Organics (OPC) Pvt. Ltd.

Agriculture Innovation Outreach
www.soulmaatriorganics.com

Founder: Gaurav Sahu

Email: gauravsahu24x7@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Low methionine content and presence of anti-nutritional factors in soybean protein-based fish feed.

Tech Brief

Developed a rice protein enriched fish feed minimising the loss of protein due to assimilation by fish.

Product USP

- Improves the quality and yield of healthy fish production.
- Cost effective Fish feed.



ZORKO Pvt. Ltd.

Where Health Meets Pocket & Taste
www.zorko.in

Founder: Amrit Nahar

Email: naharamrit@gmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Challenges in availability of affordable and genuine organic health supplements and products.

Tech Brief

A tech enabled supply chain startup that provides customized organic health supplements and products, sourced directly from the farmers.

Product USP

- Selling Organic healthy Drinks, health supplements, immunity boosters, organic medicated products based on ancient Indian Ayurveda at a reasonable rate.
- Ensuring that the customers know the place of origin & details of every product they are consuming.
- Different organic food supplements for different seasons.



8 States

Geographical Coverage



250+

Number of farmers benefitted



40

Number of products in the market



25000+

Paid Customers



Baru Pharma Pvt. Ltd.

www.nacpljind.in

Founder: Naresh Kumar

Email: nacpljind@gmail.com

Foundation Year: 2022

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

The lack of complete nutrient solutions for cows and buffaloes leads to reduced productivity.

Tech Brief

The start up has developed a composition of complete nutrition for enhancing the productivity of milch animals. The product is developed with the composition of Sheera (Extract from Jaggery) plus 19 ingredients. The startup developed an integrated model.

Product USP

- Increases farmers income as milk production is more than the usual
- Completely natural products which are chemical free



100+

Number of farmers benefitted



1000+

Paid Customers



Herbchick F&B Pvt. Ltd.

Nutrition Ka Evolution
www.herbchick.in

Founder: Ankit Ahlawat

Email: ankit@herbchick.in

Foundation Year: 2020

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of high-protein meals accessible to fitness and health fanatics other than way proteins.

Tech Brief

The startup is producing a unique mix of Ayurvedic herbs such as Aloe Vera, Arjun Bark, Flax Seeds, Grape Seed Powder, and Turmeric, together with a professional sterilisation procedure, assures the six-month shelf life of ready-to-eat Chicken bars at room temperature.

Product USP

- Ready to eat protein bars
- 6 months shelf life without any refrigeration



100+

Number of farmers benefitted



05

Number of products in the market



2500+

Paid Customers

Kamboz Honey Bee Farm Pvt. Ltd.

Founder: Subhash Chand

Email: beekamboj@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Existing adulterated vinegar in the market creates health issues for the consumer.

Tech Brief

The star-up is developing vinegar out of 100% natural honey-based mustard vinegar with increased nutritional value designed for pickle and other food processing industries.

Product USP

- Healty and chemical free vinegar (based on honey)
- Multiple honey based products enhancing farmers income



1000+

Number of farmers benefitted



05

Number of products in the market



2000+

Paid Customers

Kisan Family Doctor

Fresh Vegetables And Fruits Long Time

Founder: Naveen Kumar

Email: kisanfamilydoctor@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Mobile vendors struggle to sell fresh veggies for an extended period

Tech Brief

The start up makes vegetable cart using ice cubes packs(PCM) to give the cold environment to vegetables & fruits for hawkers and street vendors thus reducing post harvest losses.

Product USP

Keep a large quantity of fresh vegetables and fruits for an extended period of time using PCM cells



600+

Number of farmers benefitted



50+

Paid Customers



Tree Kisan

Building foundation for Bioeconomy

www.treekisan.com

Founder: Rohit Kansay

Email: kanseytrust@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Problems faced by Tree Farmers:

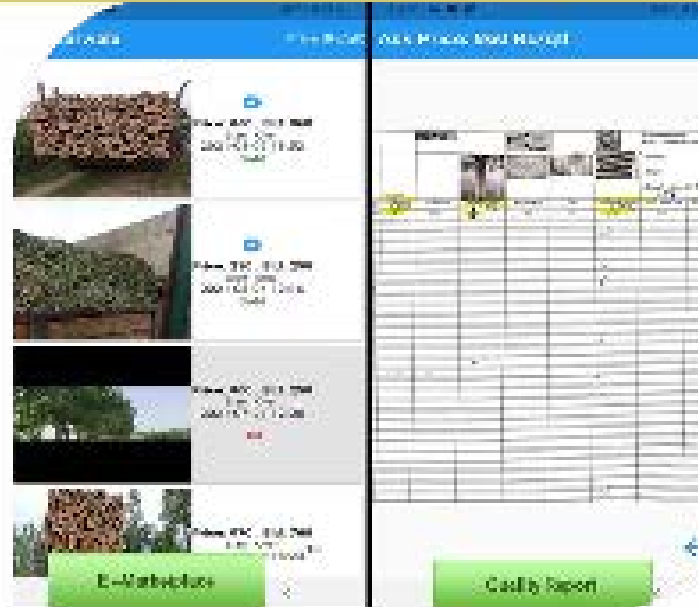
- Farmer's inability to assess Market valuation of tree crop
- High number of middlemen
- Absence of Quality assessment tools
- Price fluctuations in timber market such as Price crash, high price

Tech Brief

The startup has developed a mobile App based Tree weight and value estimation platform. It is connecting farmers and buyers through a virtual mandi. The app enables AI based quality report generation as well as data driven supply and price prediction.

Product USP

- Tree valuation in under one minute.
- One-click sell from anywhere.



1500+

Number of farmers benefited



150+

Paid Customers



10+ States

Geographical Coverage



Maffick Foods Pvt. Ltd.

Founder: Vipin Sarin

Email: maffickfoods@gmail.com,
vipansarin@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture
University, Hisar



Problem Statement

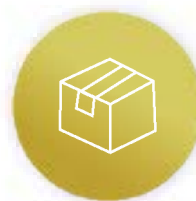
Lack of hygienic sugarcane juice and alternate food products from sugarcane in the market.

Tech Brief

The startup is producing Multi-use Modular E-cart which is based on a new experience of "make your own juice/food options" and it offers configurations from Fresh sugarcane juice to value-added sugarcane products including.

Product USP

- Hygienic sugarcane products as compared to the ones available in the market
- Huge number of varied products based on sugarcane



05

Number of products
in the market



100+

Paid Customers



Milsor Agro Food Pvt. Ltd.

Tasty Bhi Healthy Bhi
www.milsoragrofood.com

Founder: Dimple Kathuria

Email: dimplekathuria12@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of availability of millets and sorghum based ready to eat food products including snacks

Tech Brief

The startup is into inducing value addition in traditional crops such as millets, Sorghum, and Mushroom which cure the problem of Anemia among children and pregnant ladies, through ready to eat food products.

Product USP

- Gluten free food products which are the need of the hour
- Healthier replacement of snacks



90+

Number of farmers benefitted



07

Number of products in the market



1000+

Paid Customers



Nuco Expert Pvt. Ltd.

I Must I Will

www.nucoexpert.com

Founder: Deepika Ahlawat

Email: nucoexpert@gmail.com

Foundation Year: 2022

Location: Delhi

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of existing gluten-free cookies for athletes and fitness freaks.

Tech Brief

The start up has product designed for PRE- and POST WORKOUT usage that is low-cost, gluten-free, and has no preservatives, colors, or flavors. Based on sports physiology and body mechanics. Designed for 16+ athletes, sports fans, and fitness freaks.

Product USP

- Complete nutrition for the workouts in form of cookies
- Ready to eat and easy to carry nutrition in pocket



50+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Oraplanet Food Pvt. Ltd.

Eat Natural Stay Healthy
www.oraplanet.com

Founder: Ankit Singh Ahlawat

Email: ahlawatankit19@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

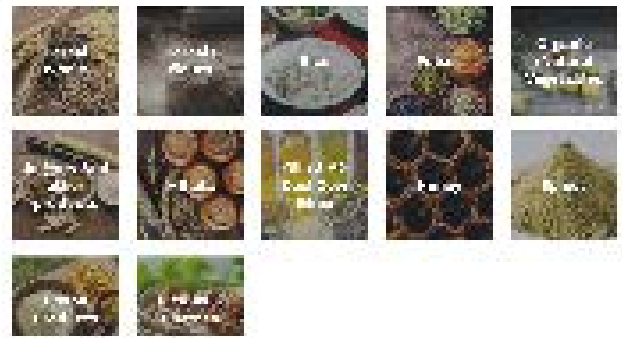
Lack of linkage between certified organic produce growers/farmers and the direct consumers through online & social media platforms.

Tech Brief

The startup provides certified organic and healthy foods and vegetables to society. It helps to increase farmers' income by a direct interface to customers.

Product USP

- Direct Certified Organic Farm to Consumer linkage.
- Optimum utilization of Social Media (especially Whatsapp) and Online Platform (Website).
- Helping to increase the farmers' income.



1200

Number of farmers benefitted



08

Number of products in the market



1000+

Paid Customers



PlantBro Life Sciences Pvt. Ltd.

www.plantbrolifesciences.com

Founder: Ravin Sharma

Email: ravin@plantbrolifesciences.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

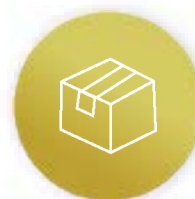
Lack of existing protocols for cultivating cordyceps militaris mushroom

Tech Brief

The start up has developed a protocol for in-vitro cultivation of cordyceps militaris mushroom providing health benefits of human being.

Product USP

Novel technology with low cost intervention and health benefits of the products for both fitness and sedentary lifestyle



07

Number of products in the market



100+

Paid Customers



Wellnext Agriculture (India) Pvt. Ltd.

Seed the Future

www.wellnextagriculture.com

Founder: Anuj Hooda

Email: wellnextagriculture@gmail.com

Foundation Year: 2016

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of availability and awareness about healthy food processed products and the rising issues regarding health as per the gluten content in the available processed products

Tech Brief

The startup is working on Commercialization of climate resilient smart grains through value addition to design healthy foods/ Designer foods.

Product USP

- Health benefits from the super food processing;
- Will reduce the dependence of farmers on the existing crop patterns.
- Can be induced as a part of integrated farming



1500+

Number of farmers benefitted



07

Number of products in the market



1000+

Paid Customers



Perfwin Solutions Pvt. Ltd.

Delicious Home Made Non veg pickle
www.sumbran.com

Founder: Prithviraj Dilip Chavan
Email: sumbrangoatfarm@gmail.com
Foundation Year: 2018
Location: Maharashtra
Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Lack of ready to eat and preservative free Non-Veg food products.

Tech Brief

Processing Of Meat For Pickle - A Value Added Product, preservative free, soft, tender meat pickle using blade tenderization technology.

Product USP

- Free from preservatives or chemicals or artificial colours
- Ensures Traceability
- Blade Tenderization Technology ensures the meat is soft tender and consistent in quality
- Shelf stable



590

Number of farmers benefitted



05

Number of products in the market



350+

Paid Customers



Agrifood Tech Pvt. Ltd. (S 4 Foods)

Partners To Profession Of Hope !
www.agrifoodtech.in

Founder: Sindhu Sarjerao Shelke

Foundation Year: 2022

Location: Maharashtra

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of processing options for Rhizome crops (turmeric, ginger, and onion) leading to high Post-Harvest losses.

Tech Brief

Developed a technology for drying of Rhizome crops and converting them into powder form using a combination of Biotechnology & Special Engineered Equipments such as Bio Reactor Vessel, Vacuum Evaporate System and Cabinet Air Dryer

Product USP

- Increasing the shelf life of the Rhizome produce.
- Aiming to work with FPOs to setup technology infrastructure for processing of Rhizome crops into products like Dehydrated Turmeric Flakes , Ginger and Powder products.



10+ States

Geographical Coverage



500+

Number of farmers benefitted



07

Number of products in the market



150+

Paid Customers



Ayurcin Biogenics Pvt. Ltd.

Creating Healthy Mankind

www.ayurcinbio.com

Founder: Abhijeet Dhondu Panshikar

Email: ayurcin@rediffmail.com

Foundation Year: 2017

Location: Maharashtra

Incubated at: MANAGE, Hyderabad

Problem Statement

Limited availability of value-added milk products.

Tech Brief

Startup has developed biofortified milk with natural herbs to address malnutrition in mothers and children.

Product USP

- Ready to drink.
- Addressing the malnutrition in mothers and children.



1000+

Number of farmers benefitted



05

Number of products in the market



5000+

Paid Customers



Carbo Mills Pvt. Ltd.

a better mill for your meal

www.carbomills.com

Founder: Sohan Kumar Dandapat

Email: mdcarbomills@gmail.com

Foundation Year: 2017

Location: Odisha

Incubated at: MANAGE, Hyderabad

Problem Statement

High glycemic index of commonly available rice.



Tech Brief

Designed a process to reduce the glycemic index of rice allowing diabetic people to consume it as well.

Product USP

Lowest G.I. Rice



150+

Number of farmers benefitted



1000+

Paid Customers



Mithila Naturals

The Taste of Tradition

www.mithilaturals.com

Founder: Manish Anand

Email: manish@mcgpl.in

Foundation Year: 2017

Location: Haryana

Incubated at: MANAGE, Hyderabad

Problem Statement

Limited availability of value-added products based on Makhanas.

Tech Brief

Startup is undertaking end to end farming, processing, and value addition of Makhanas to produce a range of products such as Makhana Dessert, Makhana Powder etc.

Product USP

- One of the only farmers doing end to end growing and processing of Makhanas.
- Branding and selling through various channels.



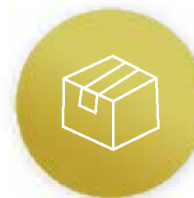
15+ States

Geographical Coverage



500+

Number of farmers benefitted



40

Number of products in the market



5000+

Paid Customers



Prakriti O Prakritik Consumer Products Pvt Ltd

Purity Our Pride

www.prakritioprakritik.in

Founder: Durga Prasad Mishra

Email: durgaprasad.direct@gmail.com

Foundation Year: 2015

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of healthy fruit & vegetable-based snacks.

Tech Brief

Manufacturing a range of vegetables and fruits snacks through Vacuum Frying Technology.

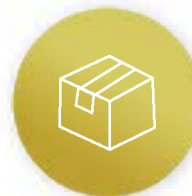
Product USP

- Healthy compared to deep-fried snacks as less oil is absorbed in vacuum frying.
- Retention of flavour and nutrients.



100+

Number of farmers benefitted



08

Number of products in the market



200+

Paid Customers



Pureme Organics Pvt. Ltd.

SweetnessRedefined

www.puremeorganics.com

Founder: Sharmilee Pratap Mane

Email: sharmileemane88@gmail.com

Foundation Year: 2020

Location: Pondicherry

Incubated at: MANAGE, Hyderabad

Problem Statement

Limited availability of easily consumable & natural Jaggery products at affordable cost.

Tech Brief

Developing chemical free, naturally grown, easily consumable and innovative Jaggery products. For Jaggery procurement, the startup is working with local farmers to convert their sugarcane into Jaggery at the farmgate.

Product USP

- Working in collaboration with its non-profit organizations to create a sustainable ecosystem for Jaggery processing and Jaggery supply chain informatics network.
- Co-creating a range of products with the rural farmers, who are associated through the Research Centre.
- Procure raw Jaggery from these associated farmers, pre-processing & value-adding to it at the farm-gates from farmers.



200+

Number of farmers benefitted



06

Number of products in the market



500+

Paid Customers



Renuka Bio Farms LLP

Dry Chain Technologies for Better Post Harvest Management

Founder: S Rajendra Nath Reddy

Email: srajanpavani@gmail.com

Foundation Year: 2017

Location: Andhra Pradesh

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of post-harvest management infrastructure making it difficult for farmers to store food grains and seeds.

Product USP

- Reducing post-harvest wastage and improving income security for farmers.
- Research driven and integrated solution.

Tech Brief

Utilizing Dry Chain Technology and providing products and services to farmers for better post-harvest management of harvest crops and seeds.



What are PICS bags?



Cereal storage in triple layer plastic bags was developed by a team of Purdue and Cornell researchers in the late 1990s



Pan India

Geographical Coverage



10000+

Number of farmers benefitted



05+

Number of products in the market



5000+

Paid Customers



Seeds Jewellerys

Eco friendly crafts seed jewellery
www.seedbling.com

Founder: G.Sundar.

Email: sundarcrafts@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of natural alternatives to plastic or synthetic jewels.

Tech Brief

Startup is working with tribal women for procuring seeds from the forest and further processing them through precise drilling technology into eco-friendly jewellery under the brand name 'Seedbling'.

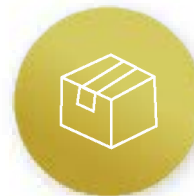
Product USP

- Providing additional employment and income opportunities to tribal women.
- Creating a new market segment by using natural seeds as fashion accessories.
- Aiming to provide permanent employment to 100 rural women in the next 3 years.



100+

Number of farmers benefitted



08

Number of products in the market



1000+

Paid Customers



Spice & Beans

“Experience Coorg’s Naturally Grown Spices and Fruit products”

www.spicesandbeans.com

Founder: Rashmi Bhanuprakash

Email: rashnanjappa@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

- Lack of earning opportunities for landless farmers, especially women in rural areas.
- Pollution from burning farm waste and Crop stubble
- Challenge in finding naturally grown/ pesticide residue free fruits & vegetables

Tech Brief

Processing and value addition of locally available fruits, spices, and coffee which are naturally grown and harvested with the help of women farmers.

Product USP

- Naturally Grown and Chemical free foods.
- Natural Avacado Pulp, Jackfruit chunks, Coffee and Avacado based chemical free beauty products

SPICE & BEANS PRODUCT OFFERINGS



- Mushrooms - dried, pickle
- Young Jackfruit chunks in brine (seasonal)
- Avocado pulp (seasonal)



- Coffee based face scrub, Face Pack, Hair Coloring products, Avocado based face pack, Hair packs

- Mushroom Seeds, Fruit Bags and Freshly harvested mushrooms

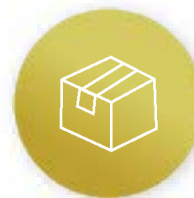


- Mushroom based immunity boosters



1000+

Number of farmers benefitted



18

Number of products in the market



10000+

Paid Customers



Betty Bee's Gourmet Grocery Pvt. Ltd.

Whip up magic with every meal... unlimited flavours from Betty Bee's
www.bettybees.com

Founder: Betty Thomas

Email: wecare@bettybees.com

Foundation Year: 2020

Location: Telangana

Incubated at: Kerala Agricultural University, Kerala



Problem Statement

Limited availability of healthy processed food options in the market.

Tech Brief

Producing healthy and natural food products such as jams, chilli sauces, fruit spreads, etc.

Product USP

- Fresh and natural ingredients used.
- No artificial colours and essences used.
- Ready to eat.
- Vegetarian/Vegan friendly



500+

Number of farmers benefitted



2000+

Paid Customers



Pan India

Geographical Coverage



Crimz Food Products

All Natural
www.crimz.in

Founder: Abhilash Kannachan Kandiyil

Email: abhilashkk7@gmail.com

Foundation Year: 2018

Location: Kerala

Incubated at: Kerala Agricultural University, Kerala

Problem Statement

Lack of healthy snacks and wastage of naturally grown fruits and vegetables.

Tech Brief

Range of vacuum fried fruit and vegetable snacks.

Product USP

- Healthy Snacks
- From "Kerala JackFruit" and "Mangoes"



Pan India & Middle East

Geographical Coverage



1000+

Number of farmers benefitted



10+

Number of products in the market



20000+

Paid Customers



Holy Cross Industries

The Taste Of Nature
www.jackfresh.in

Founder: Jaimy Saji
Email: wayanadjack20@gmail.com
Foundation Year: 2020
Location: Kerala
Incubated at: Kerala Agricultural University, Kerala

Problem Statement

Lack of technology for processing of Jackfruit Seeds.

Tech Brief

Developed a technology for processing Jackfruit seeds and manufacturing different food products.

Product USP

Launched Jackfruit Seed Payasam.



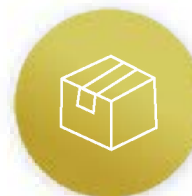
Pan India & Middle east

Geographical Coverage



50000+

Number of farmers benefitted



08

Number of products in the market



25000+

Paid Customers



Aarogya Bakery

Wellness Beverages
www.iamnutri.com

Founder: Thirunagari Sunitha
Email: arnutritiousfoods@gmail.com
Foundation Year: 2019
Location: Telangana
Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Absence of millet based healthy beverages in the market.

Tech Brief

Startup is manufacturing millet based dairy beverages using retort technology which gives a higher shelf life to the products.

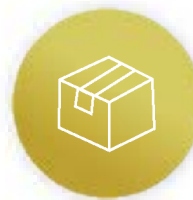
Product USP

Natural, un-fortified, highly nutritious



100+

Number of farmers benefitted



07+

Number of products in the market



1000+

Paid Customers



Ayusmat Foods

Food for health life

Founder: G.Karthick Vinoth

Email: karthickvinoth23@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Indian Institute of Millets Research, Hyderabad

Problem Statement

Lack of millet based non-vegetarian RTC/ RTE food products in the market.

Tech Brief

Manufacturing ready mix millet based non-vegetarian biryani.

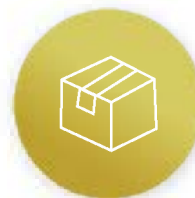
Product USP

Long shelf life.



200+

Number of farmers benefitted



06+

Number of products in the market



500+

Paid Customers



Coastal Foods

Eat Millet

www.eatmillet.in

Founder: T. Siva kumar

Email: siva@eatmillet.in

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: Indian Institute of Millets Research, Hyderabad

Problem Statement

Limited availability of millet-based food products.

Tech Brief

Developed a range of healthy millet based products such as Upma Rava, Rolled Flakes, Idli Rava, Flour.

Product USP

- Nutritious breakfast
- Roller mill technology
- Particle size of rava



1000+

Number of farmers benefitted



45

Number of products in the market



10000+

Paid Customers



Dharthi Foods

A Healthy Way of Life

Founder: Thakur Reshma Singh

Email: dharthifoods@gmail.com

Foundation Year: 2022

Location: Gujarat

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Absence of millet based pet foods in the market.

Tech Brief

Working on developing millet based pet food.

Product USP

Optimized for pet's daily nutritional requirements.



10+

Number of farmers benefitted



05+

Number of products in the market



100+

Paid Customers



Fountainhead Foods Pvt. Ltd. (Health Sutra)

Health Sutra helps customers rediscover the tasty nutrition of traditional grains of India

www.healthsutra.in

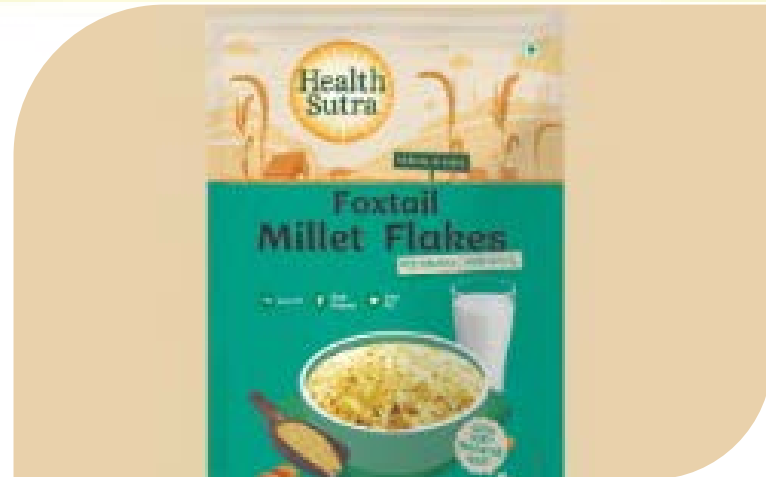
Founder: Sai Krishna Popuri

Email: saikrishna89@gmail.com

Foundation Year: 2013

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of millet based healthy food products.

Tech Brief

Manufacturing roller pressed cereal flakes from millet grain.

Product USP

Taste and convenience



Pan India

Geographical
Coverage



5 Lac+

Paid Customers



2000+

Number of farmers
benefitted



25

Number of products
in the market



Heavenly Manna Enterprises

The food from above

Founder: Isaiah Daram

Email: hmentp22@gmail.com

Foundation Year: 2020

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of natural and healthy cereal based snacks

Tech Brief

Manufacturing food products with a combination of millets and spices.

Product USP

Immunity Booster Products



100+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



HVK Sona Harvest LLP

Health first

Founder: Harsh Vardhan Khanduri

Email: harsh_1962@yahoo.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of natural and healthy cereal based snacks

Tech Brief

Manufacturing Ragi cookies made up with various healthy ingredients and a secret recipe.

Product USP

- Using natural ingredients.
- Using butter and cow ghee.



500+

Number of farmers benefitted



05

Number of products in the market



5000+

Paid Customers



Impeccable Innovations Pvt. Ltd.

Targeting NICHE with broader-application avenues
www.ImpeccableInnovations.com

Founder: Arnab Guha

Email: abgu@impeccableinnovations.com

Foundation Year: 2016

Location: Karnataka

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

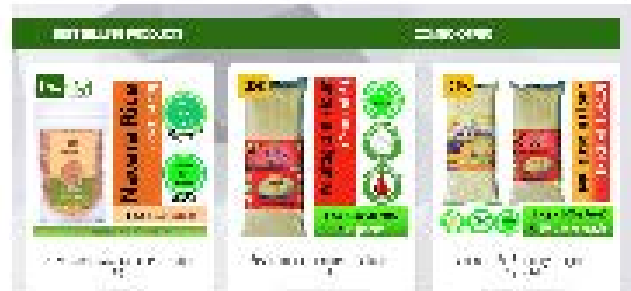
Limited availability of vegan gluten-free flours in the market.

Tech Brief

Manufacturing various variants of multigrain gluten-free flours and have different proportion of vegan protein & fibre with usage of different millets.

Product USP

Low GI & Gut-friendly, Diabetic-friendly, Improves condition for young differently-abled children.



Pan India

Geographical Coverage



100+

Number of farmers benefitted



07

Number of products in the market



1000+

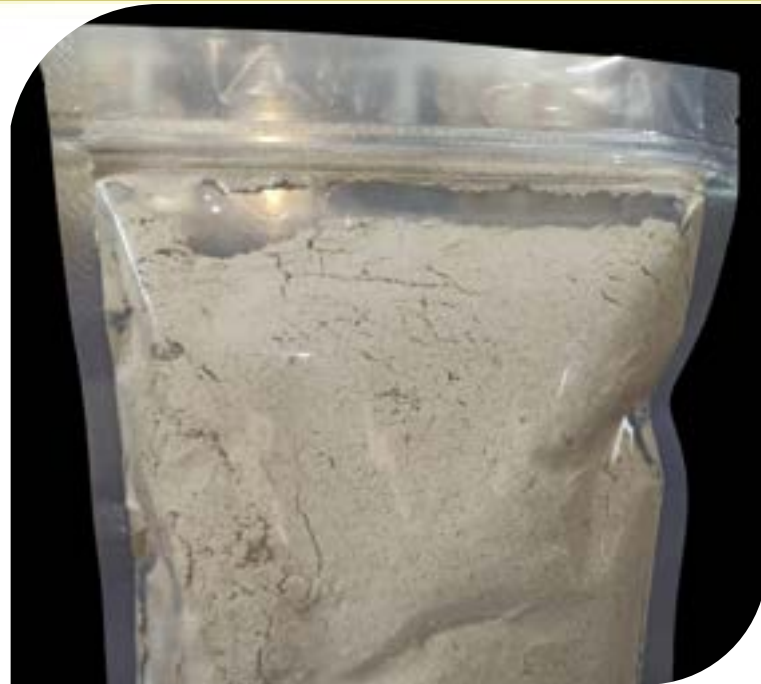
Paid Customers



Kamakshi Fresh

Feel the taste of millets
www.ganimillets.com

Founder: Chakradhar Venkata Vijay
Kumar Mukku
Email: vijaykumarmukku7@gmail.com
Foundation Year: 2019
Location: Andhra Pradesh
Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of millet-based food products.

Tech Brief

Producing a range of value added millet products.

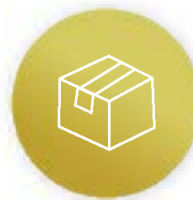
Product USP

- Products are nutritious and rich in protein, calcium and fibre.
- Adding Jack fruit seed powder in Multigrain Atta which is highly nutritious and rich in fibre.



100+

Number of farmers benefitted



08

Number of products in the market



2000+

Paid Customers



Millennova Foods

Making Lives Healthier
www.millennova.com

Founder: Sowmya Mandarapu
Email: millennovafoods@gmail.com
Foundation Year: 2018
Location: Telangana
Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Lack of healthy alternatives to fried and unhealthy snacks.

Tech Brief

Using extrusion with solar drying technology to manufacture healthy snacks from Millets, Pulses, Fruits & Vegetables with over 70% of nutrients preserved.

Product USP

- No added preservatives, no additives, no added sugar, no maida, no wheat.
- 100% natural and offer higher nutritional value.



7 States

Geographical Coverage



200+

Number of farmers benefitted



10

Number of products in the market



1000+

Paid Customers



My Millets

Eat right Stay bright

Founder: Judith Sharon Pradeep

Email: mymillets2022@gmail.com

Foundation Year: 2022

Location: Karnataka

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of millet-based food products.

Tech Brief

Millet based baked snacks.

Product USP

Healthy snack option for children, elders and mothers



50+

Number of farmers benefitted



05+

Number of products in the market



200+

Paid Customers



Nutrimagic

A Step Towards Good Health
www.nutrimagic.in

Founder: Sreehari Dasari

Email: solacepharma@gmail.com

Foundation Year: 2019

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of millet based healthy food products.

Tech Brief

Manufacturing healthy ragi based cookies.

Product USP

Sugar Free Cookies suitable for people suffering from Diabetes.



7 States

Geographical Coverage



200+

Number of farmers benefitted



10+

Number of products in the market



5000+

Paid Customers



PKP – Pidata Kinda Pappu

Healthy Traditional Snacks

Founder: Spoorthi.B & Ujwal Mallikarjun.B

Email: pkp136136@gmail.com

Foundation Year: 2019

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of natural and healthy cereal based snacks

Tech Brief

Manufacturing Millet based food products such as Millet Chikkis with jaggery, and other products.

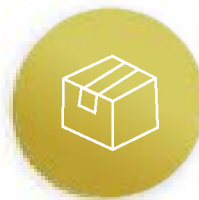
Product USP

- Using natural ingredients.
- Traditional methods of cooking.



100+

Number of farmers benefitted



20

Number of products in the market



20000+

Paid Customers



Rashmi Millet Foods

Healthy food @ your doorstep

Founder: Aruna Vemula

Email: vemulaaruna81@gmail.com

Foundation Year: 2020

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of healthy cereal-based snacks.

Tech Brief

Manufacturing millets and other cereal based products such as Jowar and Ragi cookies, puffs, Millets rice etc.

Product USP

Millet Meal Box and Millets Snack pack



50+

Number of farmers benefitted



10

Number of products in the market



1500+

(recurring per month)
Paid Customers



Ridgeland Industries Pvt. Ltd.

Taste and health together
www.rigdamfoods.com

Founder: D. Madhavi

Email: madhavi@rigdamfoods.com

Foundation Year: 2018

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad



Problem Statement

Limited availability of natural and healthy cereal based snacks

Tech Brief

Developed a range of millet based extruded snacks.

Product USP

Affordable and healthy.



Pan India

Geographical Coverage



100+

Number of farmers benefitted



07

Number of products in the market



15000+

Paid Customers



SAI Sustainable Agro & Rural Development Products Pvt. Ltd.

Connecting People Creating Livelihoods Conserving Nature

www.sai-agro.org

Founder: Jitendra Sinha

Email: jitendraksinha@hotmail.com

Foundation Year: 2013

Location: Maharashtra

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

- Limited income opportunities for tribal farmers.
- Limited availability of millet based products.

Tech Brief

Startup directly works with tribal farmers in Rayagada-Koraput belt of Odisha to promote community-based seed production of selected finger and barnyard millet varieties; their multiplication and large-scale production; primary processing (threshing, drying, winnowing, cleaning, drying and packaging) and sale in local markets (B2B model).

Product USP

- Organic/no chemical/ naturally farmed
- Cultivated and processed by tribal farmers
- Complete control on quality from cultivation of millet to manufacture of RTE/RTC
- Healthy and nutritive



3000+

Number of farmers benefitted



08

Number of products in the market



1500+

Paid Customers



Sattva Life Foods LLP

Naturally Made & Naturally Loved
www.hapup.in

Founder: Shruti Ajmera Reddy

Email: hello@hapup.in

Foundation Year: 2018

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Lack of millet based healthy foods made specifically for children.

Tech Brief

Manufacturing millet based food products considering the dietary and nutritional needs of children.

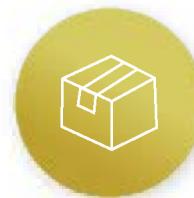
Product USP

100% Natural and easy to make porridge
Mixes & Healthy Snacks for Children



200+

Number of farmers benefitted



15

Number of products in the market



10000+

Paid Customers

Smart Foods

eat SMART! live SMART!

Founder: Krishnaa Kantthawala

Email: krishnaamysmartfoods@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of millet based healthy food products.

Tech Brief

Manufacturing millet based RTE/RTC convenient foods like noodles, pastas, khakhra, dalia, cookies, etc.

Product USP

Nutritious, Tasty, Easy-to-cook and wholesome meals.



**Pan India, Norway,
Neitherlands &
Nepal**
Geographical
Coverage



100+
Number of farmers
benefitted



11
Number of products
in the market



10000+
Paid Customers

Swad Nandini Foods

Traditional foods modern convinceince
www.swadnandinifoods.com

Founder: Balbhim Basole

Email: swadnandinifoods@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of natural and healthy cereal based snacks

Tech Brief

Making ready to eat millet rotis made from whole millet flour without any preservatives.

Product USP

Ready to eat rotis



50+

Number of farmers benefitted



15

Number of products in the market



1200+

Paid Customers



Tasty Tribe Pvt. Ltd.

Tasty Tribe a Healthy Bite
www.tastytribe.in

Founder: Nupur Jha

Email: nupurjha@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of millet-based food products.

Tech Brief

Developing millet based ready to eat food products with high amount of dietary fibres and high protein content.

Product USP

- Baked and contains zero trans fats.
- Healthy alternative to Potato and Corn based products.



150+

Number of farmers benefitted



07

Number of products in the market



5000+

Paid Customers



Vijayanjali Nutri Ce-Reals LLP

MILLET CHEF - Ce-Really Healthy
www.milletschef.com

Founder: Syambabu Vajjavarapu

Email: milletschef@gmail.com

Foundation Year: 2020

Location: Telangana

Incubated at: Indian Institute of Millets
Research, Hyderabad

Problem Statement

Limited availability of millet based healthy food products.

Tech Brief

Producing millet based healthy snacks and other food products as an alternative to Maida based products.

Product USP

Well researched product formulations.



1000+

Number of farmers benefitted



50

Number of products in the market



25000+

Paid Customers

Instant Recipes Pvt. Ltd.

Directly from hands of Mother

Founder: B. Sarala Kumari

Email: saralakumari1970@gmail.com

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

Limited availability of healthy and natural ready to eat food products in the market.

Tech Brief

Startup is manufacturing ready to cook food products made from natural ingredients.

Product USP

Less time required for preparing home-made food



300+

Number of farmers benefitted



10

Number of products in the market



5000+

Paid Customers



Mellow Moments Annovation

Flush of Freshness in every sip

Founder: Ajit Kumar

Email: momentismellow@gmail.com

Foundation Year: 2018

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Large amount of tea powder waste generated causing pressure on the environment during its natural decomposition process.

Tech Brief

The startup has developed zero wastage instant liquid tea that doesn't produce any powder waste.

Product USP

Consistent taste & quality



100+

Number of farmers benefitted



5000+

Paid Customers



Sri Janani Agro Foods

Eat Healthy stay healthy

www.srijananiagrofoods.com

Founder: B. Asha Latha

Email: asha.amrutha@gmail.com

Foundation Year: 2021

Location: Telangana

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati

Problem Statement

High prevalence of adulterated food in the market and lack of natural unadulterated food products.

Tech Brief

The startup is cultivating berries such as Strawberry, Blueberry, Cranberry etc. and selling them to buyers raw and also processing them into Blueberry Jam, Cranberry Jam, Cranberry Cookies, and Mixed Berry Muesli.

Product USP

Avoiding chemical based industrial fertilizers/pesticides and using traditional harvesting methods empowered by modern technology.



200+

Number of farmers benefitted



10+

Number of products in the market



2000+

Paid Customers

Sri Ramachandra Agro Services

Providing Fresh Fruits to Consumers

Founder: L. Rameswara Reddy

Email: lakkarameswarareddy@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

High post-harvest losses in Banana crop due to limited availability of packaging and processing technologies.

Tech Brief

Developed packaging and preserving technologies for Bananas.

Product USP

Provide advance techniques in packing, processing and preserving the banana.



1000+

Number of farmers benefitted



3000+

Paid Customers

Sri Vani Spares

Milling is now easy

Founder: G. VinayabhushanReddy

Email: gadevinayabhushnareddy@gmail.com

Foundation Year: 2021

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

- Farmers have to spend more money in order to mill different types of rice and millets.
- Machines available in market can't mill all types of rice grown in fields.

Tech Brief

Manufacturing rice and millets milling and destoner machine that can mill multiple types of rice and millets.

Product USP

Can mill different types of rice and millets grown in field.



500+

Number of farmers benefitted



50+

Paid Customers



Teja Foods and Beverages

Micro Nutrient Enriched Biscuits, Muffins, Malt Beverages

Founder: U. Vijay Bhaskar

Email: pvbravikumar@gmail.com

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Lack of healthy millet-based snack options in the market.

Tech Brief

Startup is manufacturing multi grain millet based and micro-nutrient enriched food products such as muffins, malt beverage, etc.

Product USP

Gluten-free and have a low glycaemic index



200+

Number of farmers benefitted



10+

Number of products in the market



1500+

Paid Customers

Triplea Organykz LLP

Attaining Health by SmartFoods

Founder: B.Vijaya Gowri Devi

Email: gowri.lucky@gmail.com

Foundation Year: 2020

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati

Problem Statement

Lack of healthy and high nutrition bakery products in the market.

Tech Brief

Startup is making healthy smart cakes using flour mix from crops and fermented idli/dosa batter.

Product USP

Creating tasty and nutritious food products.



200+

Number of farmers benefitted



10+

Number of products in the market



1000+

Paid Customers



JS Foods

Naveena Ulagil Siruthaniyam
www.jsfoodscbe.com

Founder: R.N. Jana Bharathi

Email: rnjanabharathi@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Limited availability of snack products made from healthy cereals and herbs.

Tech Brief

Startup is manufacturing chocolate filled herbal millet cookies by combining Ragi, Cumbu, Thinai, Varagu, Saamai, Kuthiraivaali, herbs such as Vallarai, Thulasi, Moringa, and Ashwagandha, and chocolate.

Product USP

Combination of Millets, Herbs and Chocolate catering to health and taste of the consumers.



500+

Number of farmers benefitted



18

Number of products in the market



1000+

Paid Customers



Keeraikadai Ventures Pvt. Ltd.

Nurturing Health Nature's Way
www.keeraikadai.com

Founder: Mr. Sriram Prasad G

Email: ceo@keeraikadai.com

Foundation Year: 2018

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Limited availability of natural and healthy ready to cook food products.

Tech Brief

Manufacturing a range of soups under the brand name 'Greeny Dip' containing natural ingredients such as Moringa, Turmeric, Ashwagandha, Vallarai etc., with a shelf life of 18 months in a plastic and stapler free packaging.

Product USP

- Free of preservatives.
- Packed in eco-friendly biodegradable bags.
- Available in 12 different variants (Moringa, Moringa-Turmeric, Balloon vine, Vallarai, Ashwagandha, Thoothuvalai, Aavarampoo, Punarnava, Guava Leaf, Adhatoda, Plantain stem and Amla).
- Free of preservatives.
- Packed in eco-friendly biodegradable bags.
- NABL lab tested and approved by clinical Nutritionist.



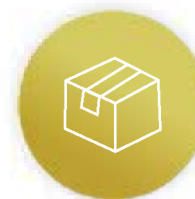
Pan India, UAE,
Germany, USA, Singapore,
Malaysia, & Australia
Geographical
Coverage



1 Lac+
Paid Customers



1200+
Number of farmers
benefitted



23
Number of products
in the market



Mother Grains Food Products

Food Processing Value Addition in Millets

Founder: G. Lavanya

Email: mothergrains@gmail.com

Foundation Year: 2019

Location: Pondicherry

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Difficulty in preparing food from millet-based flours and limited availability of millet based healthy snacks in the market.

Tech Brief

Developed a Flour Processing Heat Resistant Machine for cooking of millet-based food and also value adding millets to produce Cookies (with semi-polished millet rice) and other ingredients.

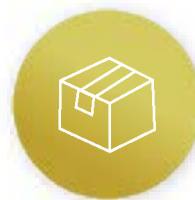
Product USP

- Millets Cookies with Hibiscus, Avaram flower, Pirandai, Vallarai, White Lotus and Moringa Leaves.
- Free from White Sugar, Baking Powder, Maida, Artificial Colours and Flavours.



350+

Number of farmers benefitted



07

Number of products in the market



1000+

Paid Customers



P.R.Saranya

Intake (To Revive Healthy Life)

Founder: Saranya Raman

Email: primetechbioscience@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Unavailability of natural food preservatives and dependence upon artificial preservatives.

Tech Brief

Developing a range of instant soups containing Moringa Leaf Powder and Lemon Extract as natural preservatives while also improving the overall nutritive value of the soup.

Product USP

- Moringa leaf powder with lemon extract has good antimicrobial activity.
- Improves shelf life, organoleptic properties like colour, smell etc, retains nutrients when added into all wet food items.
- Acts as a immunity booster, especially for pregnant women, lactating mothers and children.



100+

Number of farmers benefitted



35

Number of products in the market



2000+

Paid Customers



PVR Foods

Bringing Millets As Your Staple Food
www.dhaniyam.com

Founder: R.Subathra

Email: pvrfoodstn@gmail.com

Foundation Year: 2016

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Limited options for processing of millets.

Tech Brief

Customised machines for processing of millets into different food products.

Product USP

Batter, Flour, Idli Powder etc.



1000+

Number of farmers benefitted



70

Number of products in the market



10000+

Paid Customers



Udaya Agro Farm

Eat Healthy Stay Healthy
www.udayaagro.com

Founder: G Paranjothi

Email: salesdesk@udayaagrofarm.com

Foundation Year: 2016

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Lack of a polished white rice variety with high fibre and high protein content.

Tech Brief

Developed a rice variety called as Village Rice which contains 13% dietary fibre content even after polishing. Developed by the application of plant breeding technologies such as mutation breeding, hybridisation and selection coupled with bio-chemical screening methods.

Product USP

Relieves Constipation, Controls Blood Glucose Level, Gluten Free, Toxin Free, Promotes Good Colon Health.



1200+

Number of farmers benefitted



15000+

Paid Customers



Pan India, USA, Turkey, Ghana, Dubai, UK, & Switzerland
Geographical Coverage



VK Herbals and Millet Park

Organic Movement
www.varagha.in

Founder: K. Varaghakiri

Email: infovaragha@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Lack of certified millet based organic food products.

Tech Brief

Manufacturing a range of certified organic food products made from millets.

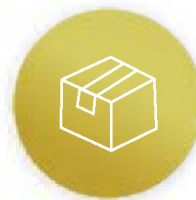
Product USP

Healthy alternatives to popular snacks helping increase the health of the consumers.



200+

Number of farmers benefitted



15+

Number of products in the market



1500+

Paid Customers



3Stake Labs

Intelligence in Testing
www.3stakelabs.com

Founder: Dr. Santhosh

Email: info@3stakelabs.com

Foundation Year: 2019

Location: Karnataka

Incubated at: NIAM, Jaipur

Problem Statement

Limited availability of innovative solutions for quality assaying, grading-sorting, and testing of grains.

Tech Brief

Image Processing, Artificial Intelligence, and IoT based portable solution for assaying of multiple grain types in a non-destructive manner.

Product USP

- Non-impact suction technology.
- Turnaround time is significantly lower than manual and existing methods.
- Transparent and automated process, without the for manual data entry.
- Handheld and portable.
- Easy and ergonomic to use, can be operated with minimum training.



1000+

Number of farmers benefited



200+

Paid Customers



Agrios Price Consulting Services Pvt. Ltd.

Price, price forecasting and other advisory services
www.agriiprince.com

Founder: Shailesh Vaya

Email: vaya.shailesh@yahoo.com

Foundation Year: 2018

Location: Karnataka

Incubated at: NIAM, Jaipur

Problem Statement

Lack of reliable pricing information and price forecasting for agri-commodities in markets.

Tech Brief

The startup has developed a deep-tech based solution for forecasting of prices of agri-commodities in the market.

Product USP

Accurate pricing in the mandis (90% of the times) – within 7% for fruits, 12% for vegetables, 1% for grains.



1000+

Number of farmers benefitted



5000+

Paid Customers



Bewust Foods Pvt. Ltd.

Food is Bazic

www.bewustfoods.com

Founder: Tanu Shree Singh

Email: tanu@bazic.in

Foundation Year: 2019

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

Lack of natural millet and grain based snacks in the market.

Tech Brief

Producing various snacks and food products made from millets and other grains procured directly from the farmers.

Product USP

Crop to Cookie model.

- Standardize millet seeds with help of Agri scientists.
- Give standardized seeds to farmers
- Purchase millets from the farmers
- Producing comfort foods like bajra dark chocolate cookies, jowar nankhatai, etc, and selling them via website, amazon, jio mart, and few retail chains.



Pan India & UAE

Geographical
Coverage



1000+

Number of farmers
benefitted



15

Number of products
in the market



5000+

Paid Customers





Jovaki Agrofood India Pvt. Ltd.

Change the lives of the tribal women
www.jovaki.com

Founder: Rajesh Oza

Email: ozarajesh@jovaki.com

Foundation Year: 2017

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

- Limited shelf life of horticultural produce such as fruits and lack of market access to the wild fruits grown in tribal areas.
- Lack of market opportunities for tribal farmers thus leading to financial distress and overall backward condition.

Tech Brief

The startup is directly procuring horticultural produce from tribal farmers in the Rajasthan region and processing it with the help of tribal women. This processed produce is frozen in the form of pulp and later sold to food processors throughout the year.

Product USP

- Giving market access to tribal farmers.
- Increasing the utilization of wild fruits
- The product has no added sugar, preservatives or chemicals and helps in various health problems such as Diabetes, Hypertension, etc.



Pan India

Geographical Coverage



1200+

Number of farmers benefitted



08

Number of products in the market



200+

Paid Customers



North East Bamboo Allied Organization

To actualize real potential of Green Gold, Bamboo
www.nebao.co.in

Founder: Madhu Singh

Email: nebamocmd@gmail.com

Foundation Year: 2021

Location: Assam

Incubated at: NIAM, Jaipur

Problem Statement

Lack of innovations in the process of creating products using Indian bamboo.

Tech Brief

The startup is working on Indian technology of making Bamboo water bottles using automatic machines, bamboo dust dinnerware, and bamboo salt.

Product USP

- The only organization of NE provides processing and packaging services to Bamboo growers
- Only Indian bamboo is being used
- Unique products are available under the same brand.



200+

Number of farmers benefitted



20+

Number of products in the market



1500+

Paid Customers



SNL Innovations Pvt. Ltd.

Decentralized horticulture processing
www.innofarms.co.in

Founder: Sudhanshu Gupta

Email: sudhanshu@innofarms.co.in

Foundation Year: 2019

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

Fruits and vegetable wastage is a major issue at the farm gate due to lack of primary processing solutions. There are multiple support mechanisms by government reliable, modern technical solutions are unavailable.

Tech Brief

The startup has developed mono-block aseptic fruit-vegetable processing solution with financial model for farms/FPO's. These units produce aseptic pulp with a shelf life of 18 months. Pulp is bought back by the startup for further sales and value addition.

Product USP

- Mono-block automatic aseptic processing solution which can be installed at farm gate.
- Low cost thus quicker ROI for farmers/FPO's.
- Patented technology to reduce energy consumption.
- Fruit agnostic solution.



7 States

Geographical Coverage



5000+

Number of farmers benefitted



08

Number of products in the market



1500+

Paid Customers



Amritatva

Food for immunity
www.amritatva.com

Founder: Preeti Rathore

Email: preetirathore141@gmail.com

Foundation Year: 2021

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner



Problem Statement

Lack of vegan, gluten-free, and non-chemically grown superfoods.

Tech Brief

Producing superfoods made from mushrooms grown in a chemical free manner.

Product USP

- Healthy & nutritious food for everyone which is good for growers, consumers, and the environment, and to empower farmers and rural women.
- Vegan & gluten-Free mushroom based healthy food products



100+

Number of farmers benefitted



06

Number of products in the market



1200+

Paid Customers



Ekan Infocook LLP (Cooksafari)

We provide ready to prepare gravy spices which helps to cook fresh food

www.cooksafari.co.in

Founder: Dr. Shampa Sahay

Email: shampasahay@ekaninfocook.com

Foundation Year: 2014

Location: Uttar Pradesh

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Limited availability of healthy RTE/RTC food products in the market.

Tech Brief

Manufacturing 'Cooksafari Gravy' which is ready to cook and made from fresh ingredients.

Product USP

- Taste with freshness and convenience.
- Need to add protein, water, and salt and food can be ready within 5-7 books.



100+

Number of farmers benefitted



12

Number of products in the market



2500+

(Recurring per month)
Paid Customers



AgroFarm Solutions Pvt. Ltd.

Helping Farmers through Technology

Founder: Shahid Pervez

Email: afspl2016@gmail.com

Foundation Year: 2016

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour

Problem Statement

Lack of processing sources for Raw Makhana Seeds during peak harvesting season leading to waste of raw seeds.

Tech Brief

Startup is procuring and processing (washing, drying, grading, roasting, packing, storing) Makhana Seeds in an adequate moisture and airtight packeting. It is also popping the seeds using manual method as well as through a Makhana Popping Machine procured from CIPHET.

Product USP

- Roasted seeds can be stored for upto 8 months by the farmers.
- Minimizing the distress selling of Raw Makhana Seeds.



500+

Number of farmers benefitted



3500+

(Recurring per month)
Paid Customers



Raghavi Industries Pvt. Ltd.

Made In India but International Quality

Founder: Akhilesh Kumar

Email: akhi0304ag@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: Bihar Agricultural University,
Sabour

Problem Statement

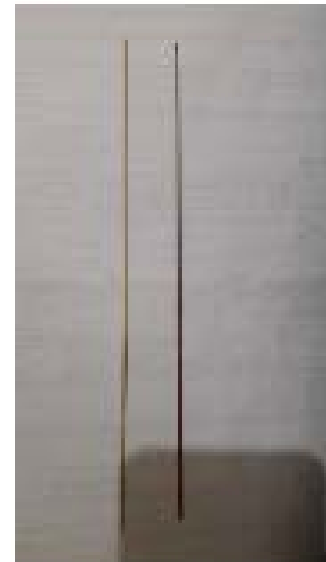
Lack of technologies to keep the round bamboo sticks smooth, often leads to high cost of production.

Tech Brief

This startup is providing alternative features in bamboo processing machines to keep the bamboo sticks smoother.

Product USP

Longer life in comparison to existing sticks.



100+

Number of farmers benefitted



100+

Paid Customers



Nutriboat Super Foods Pvt.Ltd.

Innovative range of vacuum fried fruits & vegetables chips with its natural nutrition, colour & intact palatable taste with lifespan of six months without any preservative & raw material collected from farmers/FPOs

Founder: Subhasis Sahoo

Email: nutriboat.direct@gmail.com

Foundation Year: 2019

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack

Problem Statement

Lack of healthy options of fried snacks.

Tech Brief

Manufacturing vacuum fried fruits and vegetables chips and other snacks.

Product USP

Natural nutrition, colour & intact palatable taste with lifespan of six months without any preservative & raw material collected from farmers/FPOs



1000+

Number of farmers benefitted



10+

Number of products in the market



5000+

Paid Customers



Ranjeeta's AgriFoods Health and Hygiene Pvt. Ltd.

Ranjeeta's Health Foods
www.hargharposhan.in

Founder: Govinda Chandra Swain,
Smt.Ranjeeta Swain
Email: govindaswain@gmail.com
Foundation Year: 2018
Location: Orissa
Incubated at: National Rice Research
Institute, Cuttack



Problem Statement

Lack of initiatives to support the tuber and millets cultivation and value chain leads to low production and shrinkage of acreage.

Tech Brief

Startup is processing tuber crops and producing value added Ready to Eat and Ready to Cook products blended with millets. Raw materials are procured directly from the farmers.

Product USP

Differentiated healthy snacks without sugar, salt, preservatives, added colours and chemicals.



50+

Number of farmers benefitted



08

Number of products in the market



20+

(B2B customers)
Paid Customers



Sarvagun Sampanna Pvt. Ltd.

Delivering effective and affordable nutrition to every plate.

Founder: Dhruv Agarwal

Email: dhruvagarwal@live.com

Foundation Year: 2019

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack



Problem Statement

Lack of nutritionally enriched indigenous rice varieties in the market.

Tech Brief

Startup is manufacturing nutritionally enriched rice by a precision-controlled extrusion process to make fortified rice kernel, by procuring the rice directly from farmers.

Product USP

- Customised as per the demographic requirements of nutrients (upto 12 micronutrients) and base rice varieties.
- Novel technology ensures that nutrients are not lost even after washing and rinsing.



200+

Number of farmers benefitted



2500+

Paid Customers



SovRon Agro Research Management & Entrepreneurship Pvt. Ltd.

SovRon enriching life with quality goods and services
www.sovron.in

Founder: Uttam Kumar Kar

Email: uttam2012kar@gmail.com

Foundation Year: 2019

Location: Orissa

Incubated at: National Rice Research
Institute, Cuttack

Problem Statement

Limited availability of nutrition value-added foods at affordable prices in the market.

Tech Brief

Startup is producing moringa-based high nutritional value products for the consumers at affordable prices.

Product USP

Products are available for all ages and categories at affordable prices.



100+

Number of farmers
benefitted



350+

Paid Customers



Vitona Research Pvt. Ltd.

Engaging In Manufacture Of Innovative Agricultural-
Food Supplements

www.vitonaresearch.com

Founder: Ananta Devadarshi

Email: a.devadarshi@gmail.com

Foundation Year: 2017

Location: Odisha

Incubated at: National Rice Research
Institute, Cuttack



Problem Statement

Lack of scientific food supplements to prevent lifestyle diseases.

Tech Brief

The startup adds veg. protein and fiber to soup powder to support the healthy lifestyle.

Product USP

- First of its kind in Indian market
- It is economical & healthier.



150+

Number of farmers
benefitted



7000+

Paid Customers



Dr Harry Dairy and Allied Consultancy Services

Our company is manufacturing whey drinks in different flavours

www.dairyconsultants.co.in

Founder: Dr. Hari Ram Gupta, S.C. Malik

Email: drharryconsultants@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: Indian Institute of Technology, Kharagpur

Problem Statement

Lack of natural and unadulterated protein-based supplements in the market.

Tech Brief

Startup is culturing whey to increase its nutritional value and producing protein drinks in different flavours.

Product USP

- Excellent source of alpha-lactalbumin, beta-lactoglobulin, bovine serum albumin, caseinomacropptides, immunoglobulins, lactoferrin, lysozyme
- Whey proteins are associated with multiple health benefits, such as enhanced immunity, anti-adhesive effect against pathogens, as well as antiviral, antimicrobial and antihypertensive properties.



20+
(B2B customers)
Paid Customers



Yali Textiles LLP

Precious handmade products made responsibly using only natural raw materials robust enough to impact lives

<https://yali.store/pages/about>

Founder: Ahalya Matthan

Email: parul@theregistryofsarees.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

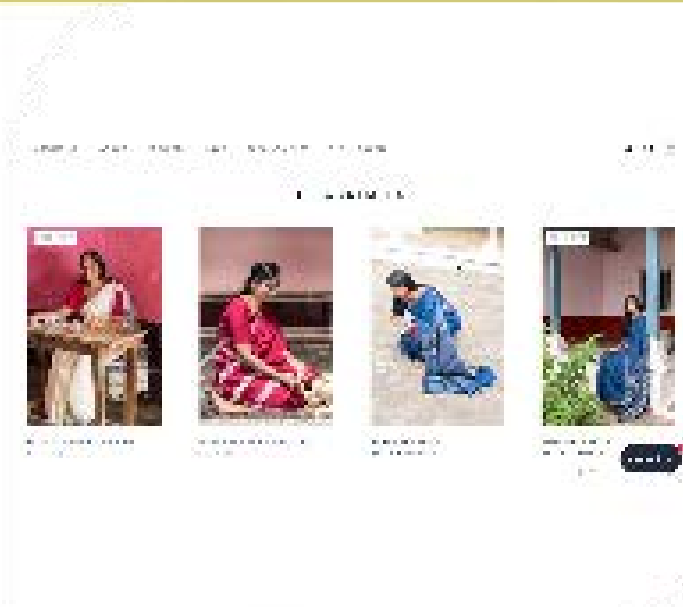
Lack of pollution-free, chemical-free
Physical contamination with white cotton,
dependency on natural conditions of rains,
soil

Tech Brief

Startup is manufacturing handmade textile products made from natural raw materials procured directly from farmers.

Product USP

Skin-friendly, while processing there are no chemicals used for scouring, bleaching and dyeing.



Pan India

Geographical Coverage



200+

Number of farmers benefitted



10

Number of products in the market



3000+

Paid Customers

Dhithi Nutrition Pvt. Ltd.

Mushrooms for healthy and wealthy living
www.dhithinutrition.in

Founder: Asha Rani

Email: asha.devnekar@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The lack of innovations in mushroom packaging and storage practices leads to mushroom spoilage. Enhancing the core components of mushrooms is also an area that needs technical intervention.

Tech Brief

The startup is providing composite coating inside the chamber facility. and Hydrophilic packaging: Packaging material, to avoid spoilage. Vitamin D component is also enhanced in mushrooms.

Product USP

- Low cost-storage and transport of fresh mushrooms
- Increase awareness among consumers on nutritional benefits of mushroom consumption
- Involvement of farmers for mushrooms production providing an extra source of income
- Women empowerment as SHGs can be involved in the cultivation of mushrooms



350+

Number of farmers benefitted



10+

Number of products in the market



1500+

Paid Customers



Dwail Pvt. Ltd.

Transforming agriculture through scientific and engineering excellence

Founder: Naveen Hiremath, Anirudh Katti and Md.Aaqib

Email: naveenhiremath@dwailabs.com

Foundation Year: 2017

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Availability of limited products to separate the pharmacologically important substances from the other substances.

Tech Brief

The startup provides an air classification system with the capability of separating materials having different surface areas and densities

Product USP

- An Increased efficiency of separation compared to existing products.
- Lower cost and local service availability
- Can separate over 16 different herbs and with quick interchangeability (<0.25hrs)
- Dust-free and GMP compliant



70+

Number of farmers benefitted



350+

Paid Customers



Kakud Post Harvest Pvt. Ltd.

Rebuilding the rural unity through providing different business opportunities
www.kakud.in

Founder: Patel Vinaykumar

Email: kakud.pvt.ltd@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Inefficient supply chain management in perishable goods and community farming leads to product damage and wastage.

Tech Brief

The startup provides eco freeze, which is natural cold storage that holds the water for a longer time. and this product works on evaporative cooling principle

Product USP

Portable and ecofriendly.

ECO FREEZE

A PRODUCT THAT KEEPS YOUR FRUITS, VEGETABLES AND FLOWERS FRESH.

PRODUCT FIT AT

- FARM LEVEL
- TRANSPORTATION LEVEL
- RETAILING LEVEL

KAKUD POST HARVEST Pvt Ltd
Contact No- 8880027622

- Affordable
- Zero Electricity
- Natural



3000+
Paid Customers



Power Factor

Non-Invasive Pesticide Detector In Vegetables & Fruits

www.power-factor.in

Founder: Sriram Mokhasi

Email: shriram.mokhasi@gmail.com

Foundation Year: 2016

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

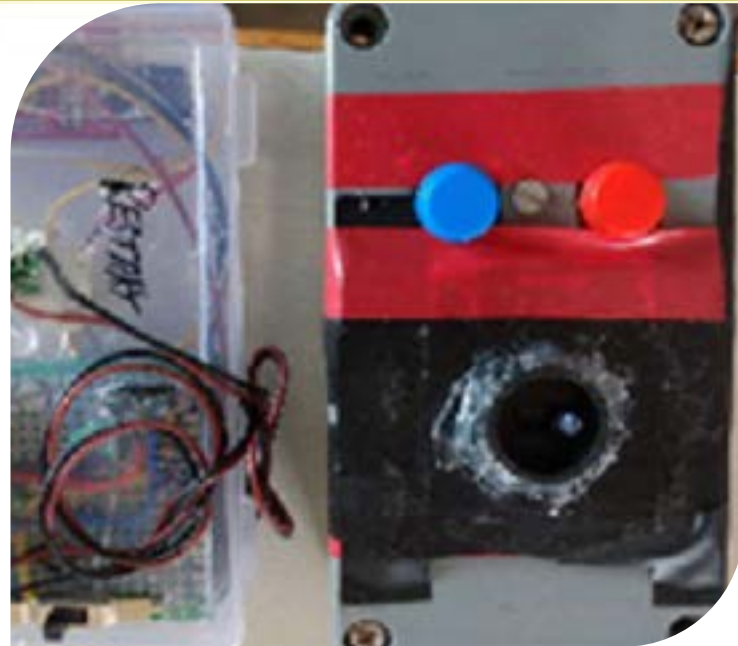
The presence of pesticide residues on vegetables and the lack of technology to detect it affects the person and causes both acute and chronic health issues.

Product USP

Works on Spectrometer Technology to detect all commonly used pesticides and their severity

Tech Brief

The startup provides a handheld device to detect pesticide residues, a non-invasive device, and detection of pesticides without destroying the vegetables.



Shri Pruthvi Agro Food Products LLP

Mushroom Products

Founder: Iranna Shiranahalli

Email: irannashiranahalli@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Absence of climate sustainable food source for combating hunger in changing world.

Tech Brief

Startup is manufacturing processed fruits and vegetables snacks that help in achieving nutrition goals of the customers.

Product USP

- "Eat Vegetables to Grow Healthy" and to increase farmers' revenue.
- Consuming the product can retain consumer health.
- Farmer can improve their earnings by keeping their land sustainable



100+

Number of farmers benefitted



10+

Number of products in the market



65

(B2B customers)
Paid Customers



Sri Om Sai Sugar Allied Products Pvt. Ltd.

Development & Marketing of Chemical Free organic sugar cane, juice with 12 months shelf life

Founder: Rajgopal I. Patil

Email: sairaju.patil500002@gmail.com

Foundation Year: 2017

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Harvesting of sugarcane in the agricultural land is difficult at the time of rainfall; Low yield due to improper practice or SOP, nutrient monitoring is troublesome & scavenging by bacteria.

Tech Brief

The startup is providing organic-based agricultural products which are used for juice & serve with medicinal values.

Product USP

- Organic product as per FSSAI norms
- Product B and Process: Organic + Inorganic base adjuvant material and stabilizers
- (Optional – nanomaterial for high-value crops) against major pathogens



Pan India

Geographical Coverage



2000+

Number of farmers benefitted



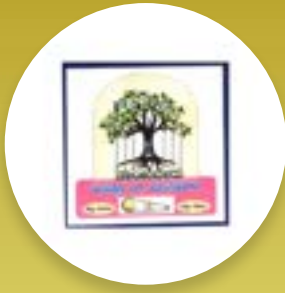
10

Number of products in the market



50000

Paid Customers



Tayiberu Technologies LLP

Save Nature & Power, Live Healthier

Founder: Charathimath Channabasayya

Email: cmchannabasayya66@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of innovations in the power transmission system, encourages the utilization of maximum energy sources and fuel sources.

Product USP

- It is a new technology and it saves energy and fuel sources.
- It is applicable in many fields like agriculture, food processing, medical, and allied fields.

Tech Brief

The startup introduced technology in the power transmission systems. It is fixed in between drawing and driven pulleys to save the energy sources, for relatively lower input to get normal output.



100+

Number of farmers benefitted



200+

Paid Customers



Kanirvam

Believe in Excellence
www.kanirvam.com

Founder: Kushal Bhupendrabhai Patel

Email: kushalpatel699@gmail.com

Foundation Year: 2019

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat



Problem Statement

Limited value-added products available from different fruits such as Prickly Pears.

Tech Brief

Startup is procuring different fruits such as Prickly Pear from the farmers and selling it to consumers as fresh fruit and also in the form of value-added products such as Prickly Pear Juice and Prickly Pear Powder.

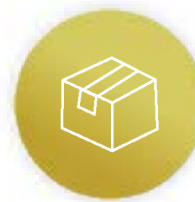
Product USP

- Rich in iron and other nutrients.
- Rich in antioxidants.



150+

Number of farmers benefitted



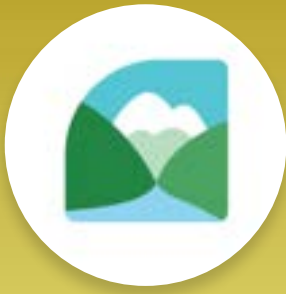
10+

Number of products in the market



1000+

Paid Customers



Chlorohemp Agrotech Pvt. Ltd.

Unleashing the power of Industrial hemp
www.chlorohemp.com

Founder: Uday Shanker

Email: uday@chlorohemp.com

Foundation Year: 2018

Location: Delhi

Incubated at: Anand Agricultural University, Gujarat



Problem Statement

Limited availability of natural vegetarian protein supplements.

Tech Brief

Startup is developing protein supplements by processing hemp seeds.

Product USP

- Hemp seeds have high protein content (30%).
- Providing farmers with an additional income source by encouraging hemp growing along with regular crops.
- Five hemp seeds based products developed so far.



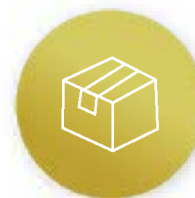
5 States

Geographical Coverage



100+

Number of farmers benefitted



06

Number of products in the market



500+

Paid Customers



Teaology (Bonvivante Ventures Pvt. Ltd.)

Creative ready-to-drink beverages and natural spices product range.

www.teaology.in

Founder: Sahil Pavan Chaplot

Email: sahil.chaplot@gmail.com

Foundation Year: 2018

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat



Problem Statement

Limited availability of ready to consume tea products in the market.

Tech Brief

Startup is providing pre-mixed and sealed tea, in a cup, which can be prepared for consumption in 30 seconds, thus providing an indirect market to tea farmers.

Product USP

- 100% Hygienic
- Easy to make under 30 seconds
- Ultra-portable and easy to carry



10 States

Geographical Coverage



150+

Number of farmers benefitted



50+

Number of products in the market



5000

(Recurring customers)
Paid Customers



Rubber Engineers Enterprise

World First Pots Made of Rubber
www.rubberengineer.com

Founder: K Anand Krishnan
Email: sales@rubberengineer.com
Foundation Year: 2020
Location: Kerala
Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Lack of alternative for cement and plastic based garden pots.

Tech Brief

Startup is producing garden pots made of natural rubber.

Product USP

- Available in various sizes and colours.
- Flexible and bio-degradable.



6 States

Geographical Coverage



150+

Number of farmers benefitted



08

Number of products in the market



1500+

Paid Customers



Samburu Agro Industries

Founder: Ashwini Adhikrao Jadhav

Email: ashwini.j0476@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Lack of Mulberry based food products in the market.

Tech Brief

Manufacturing herbal tea, cakes, chocolates etc. by processing Mulberry leaves.

Product USP

- Suitable for all age group
- Unique flavour



100+

Number of farmers benefitted



10+

Number of products in the market



1000+

Paid Customers

Paawak

Paawak Foods

Aarogyacha Sewak, Ghari Aana Paawak
www.paawakfoods.com

Founder: Kaushal Dongare

Email: info@paawakfoods.com

Foundation Year: 2013

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Low shelf life of Jaggery causing high losses in its unprocessed form, and unorganized product value chain.

Tech Brief

Processing raw jaggery to manufacture jaggery powder and cubes with higher shelf life and consistent supply.

Product USP

Chemical free



200+

Number of farmers benefitted



2500+

(Recurring customers)
Paid Customers



6 States

Geographical
Coverage



Vasundhara Shashwat Shetimaal Utpadak aani Prakriya Sanstha

Pure Organic Since Last 22 Years

Founder: Shrinivas Bapurao Bagal

Email: shriniwasbagal@rediffmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology

Problem Statement

Limited availability of organic jaggery products in the market.

Tech Brief

Startup is manufacturing different products with organic jaggery through a self-designed machine.

Product USP

100% organic and longer shelf life

Product Portfolio



Organic Jaggery Syrup
MRP: Rs. 300/ltr



Jaggery Powder
MRP: Rs. 180/Kg



Jaggery Cake
MRP: Rs. 100/Kg



Jaggery Granules
MRP: Rs. 140/Kg



Organic Jaggery Cubes (1x1 inch)
MRP: Rs. 260/Kg

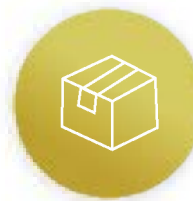


Jaggery Chunks
MRP: Rs. 130/Kg



150+

Number of farmers benefitted



06

Number of products in the market



1500+

Paid Customers



Biological Research Innovation Centre and Solutions LLP

Natures Gift to Clean
www.bricsbio.com

Founder: Dr. Ravishankar Bhat

Email: kujalliravi@gmail.com

Foundation Year: 2015

Location: Karnataka

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Lack of alternatives for chemical-based products for textiles and fabrics.

Tech Brief

Startup has developed a plant based nanotech Textile Fabric Stain Remover.

Product USP

- Quick and targeted action, without damaging original structure of fabrics.
- Easy to use, suitable for all types of fabrics.
- Environmentally friendly and biodegradable ingredients.



250+

Number of farmers benefited



2500+

Paid Customers



Pimani Udyog India Pvt. Ltd.

Founder: Nitin Khade

Email: mafprotechindia@gmail.com

Foundation Year: 2022

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology

Problem Statement

Limited availability of fast and efficient dehumidification technologies for agricultural produce.

Tech Brief

Startup has developed a technology for rapid dehydration of produce at low temperatures with the help of a specially designed dehumidifier.

Product USP

- Faster drying
- Preserves the quality of produce
- Cost effective



100+

Number of farmers benefitted



250+

Paid Customers



10 States

Geographical Coverage



Energy Chakra

Founder: Sudarshan Ghorapade
Email: sudarshan62722@gmail.com
Foundation Year: 2018
Location: Maharashtra
Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Limited availability of drying solutions for agricultural produce.

Tech Brief

Developed a hybrid dryer (solar + electricity) with modified material design for faster dehydration.

Product USP

- Customizable models as per the demand
- High quality materials and modified structural designs
- Hybrid working principal and high working efficiency



200+

Number of farmers benefitted



300+

Paid Customers



Mystic Herbals

Mix Healthy Make Tasty

Founder: Manjusha Patil

Email: pmanjusha71@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Lack of processed products made from crops like Turmeric and Ginger.

Tech Brief

Startup is extracting essential oils from turmeric, ginger and other crops through an innovative oil extraction process.

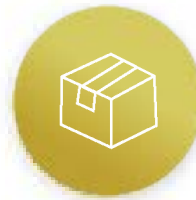
Product USP

- Chemical free essential oils
- Maximum oil extraction
- No storage costs involved



100+

Number of farmers benefitted



10+

Number of products in the market



200+

Paid Customers



Arde Patil Pharma Pvt. Ltd.

Founder: Sarjerao Patil

Email: sarjeraopatil1311@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Hair Oil



Pain Relief & Joint Lubricant Oil

Problem Statement

Traditional/market Ayurvedic medicine takes longer time for recovery of the disease. Lack of authentic raw materials.

Tech Brief

Process protocol for extraction of active ingredients (for faster results) from medicinal herbs for drug formulation and promotion of medicinal herbs through contract farming

Product USP

Faster relief, Authentic raw material through contract farming, no side effects.



100+

Number of farmers benefitted



1200+

Paid Customers



Divyang Creation LLP

Products Crafted by Differently Able
www.divyangcreations.com

Founder: Prerana Sude

Email: prerana.sude@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

- Lack of employment opportunities for differently abled persons.
- Low demand for short staple length cotton in market.

Tech Brief

Startup is working with differently abled persons to produce handmade cotton babywears using short staple length cotton yarn.

Product USP

Giving livelihood opportunities to the differently abled.

Products



Baby Wraps and Towel



Baby Blanket



Caps for New Born



Cotton Bedding



Cotton Daily Wears



Cotton Dress



Ethnic Dress



Booties



100+

Number of farmers
benefitted



08

Number of products
in the market



1000+

Paid Customers



Rajwardhini Nutricare and Foods

Good Food Good Mood

Founder: Pradnya Rane

Email: pradnyarane26397@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology



Problem Statement

Limited availability of nutritious baby-food made from natural ingredients.

Tech Brief

Nutritious baby food made by processing Fig and Oats.

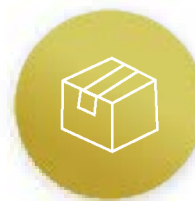
Product USP

- Cost effective
- Natural flavouring constituents



50+

Number of farmers benefitted



05+

Number of products in the market



650+

Paid Customers

Tejasvi Agro Industries

Founder: Vilas Rajole

Email: tejasvienterprises.nsk@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

- Lack of alternatives to time and labour-intensive manual processing of tamarind.
- Absence of ways to utilize the by-products of tamarind processing such as shell covers and seeds.

Tech Brief

Mechanical processing of tamarind to manufacture several products, as well as supplying the by-products (seeds and shells) to textiles and cardboard industry.

Product USP

Hygienic, cheaper



50+

Number of farmers
benefitted



07

Number of products
in the market



150+

Paid Customers



Smaran Udyog

www.smaranagro.com

Founder: Mahesh Borhade

Email: smaranudyog@gmail.com

Foundation Year: 2015

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Low cultivation of Geranium and lack of efficient essential oil extraction techniques.

Tech Brief

Startup is promoting Geranium cultivation amongst the local farmers and procuring the flowers for efficient extraction of essential oils.

Product USP

Higher yield, high purity

Geranium Essential oil



50+

Number of farmers
benefitted



100+

Paid Customers



S. R Foods and Breweries

Founder: Rahul Joshi

Email: joshirahulv@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Lack of usage for cashew apples which are considered a waste of cashew plantations.

Tech Brief

Manufacturing cashew apple-based cookies and nectar.

Product USP

Rich in fibre, no synthetic flavor.



50+

Number of farmers
benefitted



08

Number of products
in the market



200+

Paid Customers

Prayogshil Shetkari Parivar

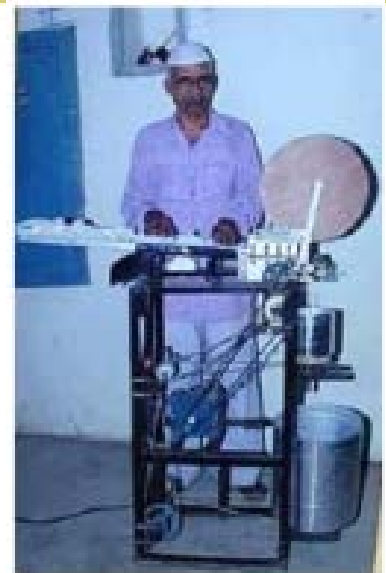
Founder: Ravindra Nemade

Email: ravipnemade@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Low market value of short staple cotton.

Tech Brief

Local processing of short staple cotton and making different textile products.

Product USP

Hand made



50+

Number of farmers
benefitted



200+

Paid Customers



Swamiraj EXIM

Founder: Priyanka Choksi-Wadekar

Email: priyankachoksi2@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology

Problem Statement

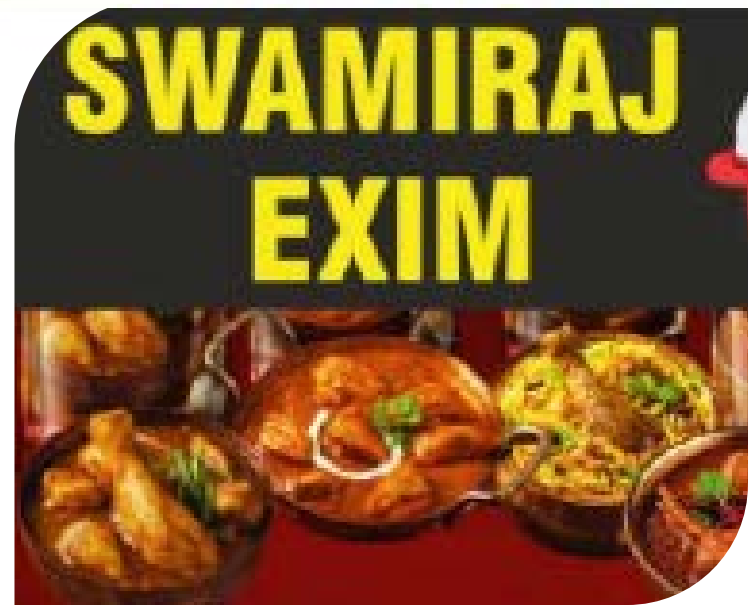
Lack of alternatives to synthetic preservatives which cause the loss of authentic taste of spice mixes.

Tech Brief

Manufacturing preservative free spice mixes with extra shelf life.

Product USP

Preservative free, longer shelf life, authentic taste



100+

Number of farmers benefitted



12

Number of products in the market



230+

Paid Customers

Shree Agro Invent-Tech Pvt. Ltd.

Founder: Suresh Mallesha

Email: sunnymallesha@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Discomfort of sleeping bags due to use of synthetic fabric in the inner layer.

Tech Brief

Manufacturing cotton interlined sleeping bags with antibacterial treatment and anti mosquito treatment, giving assured market to the cotton produced by farmers.

Product USP

- No static charge generation in the fabric due to functional finishing, Inner layer of 100% cotton for better comfort, High abrasive resistant, lightweight outer layer of Polyester fabric
- Anti-bacterial inner cotton layer to avoid odour generation, 100% made in India Product, Doesn't need frequent washing and is cheaper than available similar products, Rechargeable mosquito repellency



50+

Number of farmers benefited



250+

Paid Customers

Ramiz Agro Food Industries

Founder: Pratiksha Ghatage

Email: ramizagrofood@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Absence of alternatives to the synthetic flavoured vermicelli in market.

Tech Brief

Manufacturing natural fruit pulp mixed vermicelli with extra shelf life.

Product USP

100% natural, attractive colours and authentic taste



100+

Number of farmers benefitted



1200+

Paid Customers



Native Circle

A complete organic life cycle - farm to fork
www.nativecircle.in

Founder: Mahesh Hegde

Email: iamconnekted@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Unavailability of sustainable, eco-friendly, chemical free lifestyle products.

Tech Brief

Developing a range of edible and personal care products that are minimal, natural and free of preservatives, with certified organic natively sourced ingredients. Using traditional preservation techniques for the products and using e-commerce and offline retail channels to reach out to customers.

Product USP

- No plastic packaging
- Value addition of highly potent native herbal species



Pan India

Geographical Coverage



100

Number of farmers benefitted



30

Number of products in the market



10000+

Paid Customers



One Paw Away (Aloha Global Consultancy Pvt. Ltd.)

Human Friendly App

www.onepawaway.com

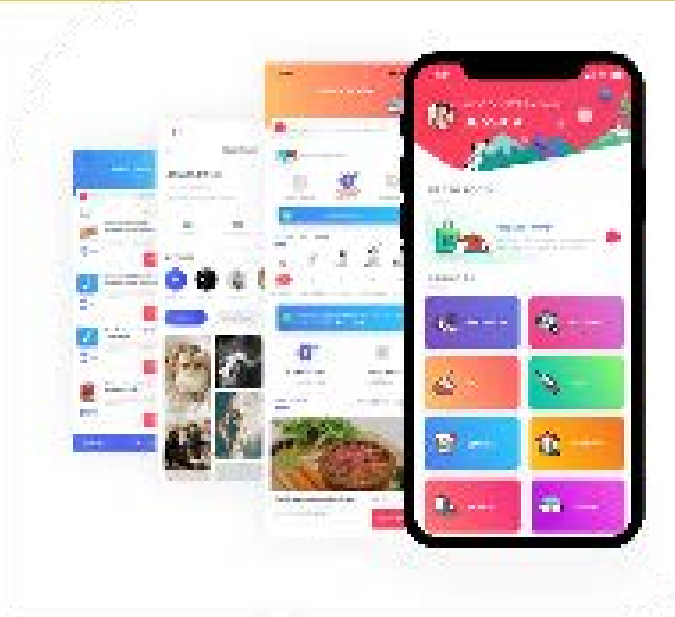
Founder: Rahul Sardana

Email: rahulsardana1603@gmail.com

Foundation Year: 2018

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of high nutrition, natural pet food products in the market.

Tech Brief

Startup is providing fresh food for pets made with human grade ingredients.

Product USP

- Application using hybrid technology to collect data and provide various features for pet parents.
- Fresh food with zero preservatives and chemicals.
- Delivered bi-weekly.



200+

Number of farmers benefitted



08

Number of products in the market



1500+

Paid Customers



Shri Lakshmi Ranganatha (SLR) Agri Tech LLP

Processing of Raw Arecanut by Dehusking, Boiling, & Drying

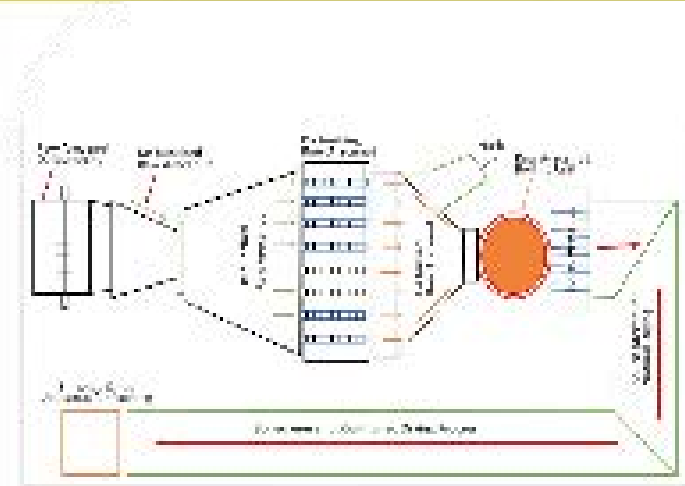
Founder: Dr. Shivanna D. M.

Email: dmshivu@gmail.com

Foundation Year: 2022

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of alternatives to the labour and time intensive Arecanut de-husking process.

Tech Brief

Proposing to develop an automated machine for de-husking of Arecanut.

Product USP

- High efficiency
- Improved quality
- Increased profit to the farmers



100+

Number of farmers benefitted



50+

Paid Customers



5 States

Geographical Coverage



Bor Noi Organics Pvt. Ltd.

We endeavor in production and value addition of indigenous food produces grown organically in North East region.

www.bornoiorganics.com

Founder: Gautam Hazarika

Email: neerajhazarika@gmail.com

Foundation Year: 2017

Location: Assam

Incubated at: AAU, Jorhat

Problem Statement

Limited availability of natural, easy to carry, ready to eat instant food cereals in the market.

Tech Brief

The startup is producing instant, ready to eat, natural food cereals by processing farmer procured indigenously grown Bau Rice, a unique deep water paddy variety.

Product USP

- Packaged in air tight cup - easy to carry and open
- Bau Rice is not dependent on chemical fertilizers and pesticides
- Micro entrepreneur on the ground are the farmers
- Roasted Rice Flour / Beaten with dry fruits is mostly natural and highly nutritional



Pan India

Geographical Coverage



250+

Number of farmers benefitted



16

Number of products in the market



25000

Paid Customers



Tinash Agro Industries Pvt. Ltd.

Tinash Agro Industries Pvt. Ltd. serving and growing with the traditional values

Founder: Tinash CH Momin

Email: taig20nov2004@gmail.com

Foundation Year: 2017

Location: Meghalaya

Incubated at: AAU, Jorhat

Problem Statement

- Lack of naturally grown produces from the tribal hills of North East India
- Lack of market linkages for the tribal farmers of North East India

Tech Brief

The startup provides natural blends of herbs and spices from the tribal hills of North East Region to the consumers, while also providing market to the tribal farmers of the region by directly procuring the raw material from them.

Product USP

Traditional Food Products made available to consumers.



Pan India

Geographical Coverage



2500

Number of farmers benefitted



17

Number of products in the market



5000+

Paid Customers



Esah Tea

Handcrafted, Organic, True
www.esahtea.in

Founder: Bijit Sarma

Email: bijitsarma09999@gmail.com

Foundation Year: 2017

Location: Assam

Incubated at: AAU, Jorhat

Problem Statement

Lack of availability of Single Origin Teas in the market. High usage of chemicals and pesticides in tea growing and manufacturing process. High amount of microplastics released from teabags when dipped in hot water before usage by the consumer.

Tech Brief

The startup has developed a digital D2C platform that enables the consumers to purchase different tea varieties directly from Assam. It is also developing an AI based tea discovery application and including tech-based integration with farmers for transparency in sourcing the teas.

Product USP

- Sustainably Sourced, Organically Grown, Single Origin Teas from Tea Growers of Assam
- Developed Worlds first Organic Cotton Teabags
- D2C brand with 100+ Varieties of tea with presence in India, United States, etc.



550+

Number of farmers benefitted



10000+

Paid Customers



Blue Montis

Blue Montis - an artisan cheesemaker

Founder: Lalrinpuii Hmar

Email: puipui7hmar@gmail.com

Foundation Year: 2019

Location: Mizoram

Incubated at: College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl



Problem Statement

Rising demand for cheese products in the market and lack of market access to locally made cheese products.

Tech Brief

Startup is making fresh artisanal cheese products such as cream cheese, mozzarella, paneer, and providing an alternate market to dairy farmers.

Product USP

- Products are local and fresh.
- Free of chemicals, preservatives, and additives.



100+

Number of farmers benefitted



08

Number of products in the market



400+

Paid Customers



Indubitably Cultured

All things Cultured

Founder: Lalbiakzuala Chhakchhuak

Email: indubitablycultured@gmail.com

Foundation Year: 2020

Location: Mizoram

Incubated at: College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl

Problem Statement

Lack of healthy brewed natural products in the market.

Tech Brief

Startup is using a craft brewing process to manufacture brewed Kombucha.

Product USP

- Craft brewing process implements tools to provide value and efficiency.
- Undiluted and richer taste.
- Presence of prebiotics making the product healthy.



100+
(During trail phase)
Number of farmers benefitted



Fleetblue Pvt. Ltd.

Serving Future

www.mediafleetblue.com/solcrops.php

Founder: Divyansh Raghuwanshi,
Tulika Arora

Email: divyansh@mediafleetblue.com

Foundation Year: 2021

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of affordable cold storage technologies to preserve the perishable and non perishable products.

Tech Brief

An innovative Cold storage powered by solar stand-alone for improving storage quality and reducing wastage of horticulture produce.

Product USP

- Refrigeration without the help of a battery.
- Uses Green Energy
- Low maintenance
- Portable



500+

Number of farmers benefitted



100+

Paid Customers



Honey Pack Agro Solutions LLP

Unpack a better future

Founder: Harsha Donepudi

Email: harsha.honey.d@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Increasing crop wastage and the threat of plastics to the environment. Improper storage and preservation techniques and nonavailability of cost-effective biodegradable alternatives.

Tech Brief

The startup provides biodegradable vacuum packing bags, made with corn starch which can extend the shelf life of chillies and spices without using cold storage facilities.

Product USP

- 100% biodegradable
- Cost-effective
- Raw material corn starch sourced within India.



Minds Solvit Pvt Ltd

Back to Basic with Holistic & Sustainable approach

www.mindssolvit.com

Founder: Doddappa S.Nisty

Email: doddappa.nisty@mindssolvit.com

Foundation Year: 2013

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Lack of existing processes to utilize the ripened drumsticks leads to its wastage.

Tech Brief

The startup utilizes cold and wood press oil extraction machines would be able to maintain its desired nutrition. Deoiled seed cakes are used in ETP (Effluent Treatment Plant) and STP (Seveage Treatment Plant) for water purification. Deoiled seed cakes are used as cow feeds.

Product USP

- Products are grown using
- Traditional and natural farming practices.
- No Chemicals are used in storage.
- No additional Color or flavour added during processing



1000+

Number of farmers benefitted



10

Number of products in the market



200+

Paid Customers



Sickle Innovations Pvt. Ltd.

Design.Farming.Technology
www.sickle.in

Founder: Nitin Gupta, Vinay Kumar Reddy

Vadde, Malik Kumar Meena

Email: nitin@sickle.in

Foundation Year: 2014

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi



Problem Statement

Limited availability of viable solutions for sorting, grading, and quality estimation of harvest produce on the basis of colour, size, and other internal factors such as BRIX level.

Tech Brief

Startup is using computer vision technology to grade and sort fruits and vegetables based on color, size, weight, external defects and internal quality parameters like BRIX level etc.

Product USP

Single machine can perform grading for more than 18 fruits and vegetables. Made in India, return on investment within one year, crop specific solutions.



Pan India

Geographical Coverage



100000

Number of farmers benefitted



20

Number of products in the market



50000+

Paid Customers



B-Treat Natural Products Pvt. Ltd.

Pollen Energy Booster

Founder: Jagtar Singh

Email: jagtar.mann10@gmail.com

Foundation Year: 2019

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Limited alternatives to caffeine based products.

Tech Brief

The startup is manufacturing honey-based pollen fruit drink made from natural pulp with shelf life of 6 months.

Product USP

- Natural energy drink with real fruits without having any artificial substance/flavours.
- Contains protein which is good for muscle development.
- Contains Vitamin C which increases Immunity.



500+

Number of farmers benefitted



2000+

Paid Customers



Pekhansa Pvt. Ltd.

Innovation for Better
www.pekhansa.in

Founder: Saurav Jyoti Sarma

Email: sauravcotton0@gmail.com

Foundation Year: 2019

Location: Assam

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of automated machines for dispensing of ready to eat food products.

Tech Brief

Developed an automated sensor based 'Panipuri' vending machine for touchless serving.

Product USP

Fully "Automatic panipuri vending machine" where all the processes starting from preparing the "stuffing", piercing the "Puris" and injecting the "stuffing" and "flavoured water" into the puris are done by the machine itself.



20+

Number of farmers benefited



50+

Paid Customers



Spicy Vie LLP

A spicy treat to your taste bud

Founder: Iric Koyu

Email: irickoyu@gmail.com

Foundation Year: 2020

Location: Arunachal Pradesh

Incubated at: College of Horticulture and Forestry, CAU, Pasighat



Problem Statement

Lack of value added meat products and local spices from the North-Eastern region of India.

Tech Brief

- Manufacturing meat pickle based using indigenous spices and natural preservation techniques from Arunachal Pradesh.
- The raw material and spices is collected from local villagers.

Product USP

- Customizable Product
- Health Benefit of Spices and King Chili
- Refillable Product



50+

Number of farmers benefitted



Spicenatura FoodTech LLP

The Flavors of Northeast India
www.laajawabspices.com/

Founder: Dr. Suman Jyoti Deka

Email: dekadnasuman@gmail.com

Foundation Year: 2019

Location: Assam

Incubated at: College of Fisheries, CAU,
Lembucherra

Problem Statement

Limited availability of spice blends focussed on the cuisines of Northeastern states of India.

Tech Brief

The startup is developing spice blends tailored to the cuisines of Northeast India, using spices indigenous to the region.

Product USP

- First mover in the market to feature innovative spice blends tailored to delicious Northeast Indian ethnic cuisines.
- Giving a unique experience of the ethos and culture of Northeast India with the help of spice blends that gives customers the authentic taste of delicacies of the region.
- Made from Northeast Indian breed of spices with high characteristic aroma and flavor giving a competitive edge over regular spices available in the market.



100+

Number of farmers benefitted



30000+

Paid Customers



Pan India

Geographical Coverage

05

WASTE TO WEALTH & GREEN ENERGY

Transforming agri-residues into useful products with focus on sustainable zero-waste living.





A2P Energy Solution Pvt. Ltd.

Biofuels from Agriculture Waste
www.a2penergy.com

Founder: Sukhmeet Singh

Email: sukhmeet.singh@gmail.com

Foundation Year: 2018

Location: Chandigarh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- Lack of alternative uses for paddy straw waste.
- Limited availability of alternative biofuels in the market.

Tech Brief

Startup is using paddy straw waste and converting it into biofuels such as energy pellets, green-coal, and bio-oil. It uses an AI system to track waste biomass and works with farmers for its connection, thus providing them an alternate income source.

Product USP

- Cleaner and cheaper fuel.
- 60%-70% less moisture content compared to conventional fuel like wood.
- Replaces fossil fuels like coal and doesn't release harmful SOX & NOX.
- Helping companies become part of the green fuel value chain.



7 States

Geographical Coverage



1000+

Number of farmers benefitted



07

Number of products in the market



100+

Paid Customers



MACLEC

Low cost hydro power at any scale for everyone
www.maclec.com

Founder: Narayan & Balram Bhardwaj

Email: md@maclec.com

Foundation Year: 2014

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of a reliable continuous renewable energy generating technology to fulfil the requirements of farmers. Existing solar and wind-based technologies are cost intensive and intermittent.

Tech Brief

Startup has developed indigenous Surface Hydrokinetic Turbine (SHK Turbine) which is robust, user friendly, cost competitive and easily deployable plug and play type hydro power plant which enables farmers to generate round-the-clock green hydro power from any kind of running streams at a low cost and also enables them to generate extra income by supplying surplus power to the grid.

Product USP

- Quickly customisable and available in variety of sizes ranging from 500 Watts to 500 kW.
- Requires minimum 0.5 meter/second water velocity and as low as 1 foot water depth
- 24x7 power supply and can last unto 40 years with minimum maintenance



Pan India

Geographical Coverage



100+

Paid Customers



06+

Number of awards achieved



500+

Number of farmers benefitted



20

Number of products in the market



Agnys Waste Management Pvt. Ltd.

My Waste My Responsibility
www.agnys.in

Founder: Hari Shankar

Email: agnyswaste@gmail.com

Foundation Year: 2018

Location: Bihar

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Absence of rapid waste disposal solutions for urban solid waste management.

Tech Brief

Startup has developed 'BHOOMI' a solar-based smart in-vessel composter. The sensors and mechanical interventions standardise the physicochemical parameters like shredding, mixing, aerobic nature, temperature, odour minimisation, etc.

Product USP

- The time required for composting is between 10 to 20 days depending on the climatic conditions.
- The compost produced has all essential micro-nutrients required for better crop production, tested in labs and fields too
- The ergonomic design makes it hassle-free and environmentally friendly as its installation and operation do not pollute the environment with noxious gases or further solid wastes.



500+

Number of farmers benefitted



20

Number of products in the market



100+

Paid Customers



BioPrime Agrisolutions Pvt. Ltd.

BioPrime is an Ag Biotech startup that makes crops climate resilient using Biologicals based on targeted physiological modulating biomolecules.

www.bioprimeagri.com

Founder: Dr. Renuka Karandikar

Email: renuka@bioprimeagri.com

Foundation Year: 2016

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Limited availability of biological inputs for crop growth and protection.

Tech Brief

Developing next-generation agri-biologicals that help crops become climate resilient using two proprietary discovery platforms SNIPR (Smart Nanomolecules Induced Response Modulation) and Bionexus, thus protecting the crops from fluctuating weather, untimely rains, temperature stress, water stress, etc.

Product USP

- Targeted pathway modulation
- High compatibility with all current chemicals
- 100% batch to batch consistency and stability



Pan India

Geographical Coverage



50000+

Paid Customers



100000

Number of farmers benefitted



08

Number of products in the market



Biorith Techno Products

Trust us with your needs

<https://biorithtechnoproducts.websites.co.in>

Founder: Ms. S. Rubavathi,

Dr. G. Ayyappadasan

Email: rubavathi5@gmail.com,

ayyappadasan07@gmail.com

Foundation Year: 2022

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI,

New Delhi

Problem Statement

Absence of alternatives to toxic resins like urea and formaldehyde for production of particle boards.

Tech Brief

Startup is using millet husk enforced with natural resins to produce particle boards used in construction.

Product USP

- Hybrid biocoated particle board for sterile & Hygienic environment made using millet husk
- Natural resins like bioadhesive (Cassava starch & molasses) are used alternative to the toxic chemicals like urea & formaldehyde



5 States

Geographical Coverage



1000+

Number of farmers benefitted



05

Number of products in the market



50+

Paid Customers



Dharaksha Ecosolutions

Bio-Degradable Packaging Out of Crop Stubble Waste
www.dharaksha.com

Founder: Arpit Dhupar

Email: rudransh@dharaksha.com

Foundation Year: 2020

Location: New Delhi

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of an alternate solution for utilizing paddy straw waste.

Tech Brief

The startup has developed a biotechnology-based process to convert crop stubble waste into biodegradable packaging material.

Product USP

- Fire and water resistant.
- Biodegradable in 60 days under normal soil conditions.
- Laser branding.



12500+

Number of farmers benefitted



100+

Paid Customers



Pan India

Geographical Coverage



Thinkgenix Biotech Pvt. Ltd.

Regenerating Biomolecules

www.thinkgenixbio.com

Founder: Debadutta Mishra

Email: debadutta@thinkgenixbio.com

Foundation Year: 2020

Location: Odisha

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of fish and prawn waste processing solutions.

Tech Brief

The startup has developed an Agri-input from the Production of Fish Hydrolysate through Biorefinery technology for agricultural crops.

Product USP

- Fish waste constitutes protein, fat, amino acid, fatty acid, minerals, trace elements, vitamins, hormones bio active enzymes and peptides etc.
- Prawn processing waste constitute chitin, chitosan, Vit A etc.



8000+

Number of farmers benefitted



07

Number of products in the market



500+

Paid Customers



Arable Agri Science Pvt. Ltd.

Making Ayurvedic products for agriculture and horticulture.

www.khlagro.in

Founder: Sunil Kumar

Email: sunil.kamaal@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of authentic herbal products for agriculture and horticulture crops in the market, which also support the conversion of barren land to arable ones

Tech Brief

The startups' goods are derived from plants and bushes. Agriculture and horticulture both use arable goods. These items are effective in all types of soil and water. The start up is developing the process for barren land conversion into arable land with the help of herbal extract based plantstart-up products i.e. Aak, neem, dhatura, ritha, harad, amla etc and provide complete solution from sowing to harvesting of crops.

Product USP

- No harm to farmers during the spray (poisonous)
- Increases the soil fertility



5 States

Geographical Coverage



2000+

Number of farmers benefitted



05

Number of products in the market



10000+

Paid Customers



Shri Bansi Gau Dham LLP

Sanskriti se arthvyavastha nirmaan
www.gomaykala.com

Founder: Neeraj Kumar

Email: neeraj9182@gmail.com

Foundation Year: 2020

Location: Uttarakhand

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Low value realization for the cow dung & Non-degradable substance based artefacts

Tech Brief

Converting cow dung into artefacts & other value added products.

Product USP

- Production of environmental friendly products from waste (cow-dung).
- The products are in demand because of religious importance of cow-dung in Indian culture.
- The cow-dung product will be available at cheaper price as compared to similar chemically produced products.



Pan India

Geographical Coverage



20000+

Number of farmers benefitted



100

Number of products in the market



10000+

Paid Customers



Dominicus Semilla Agrico Pvt. Ltd.

Shuddha Beej – Sampanna Kisaan
www.dominicussemilla.com

Founder: Shrikant Kulkarni

Email: sdkarni@gmail.com

Foundation Year: 2016

Location: Telangana

Incubated at: UAS, Dharwad

Problem Statement

Lack of existing initiatives to provide quality seeds to the farmers and follow-up interactions with farmers on hybrid performance and agronomic practices.

Product USP

- Farmers will be benefited from reduced use of chemicals for disease and insect pest control as the newly developed hybrids have the tolerance to biotic stresses.
- The yield levels of hybrids are high in comparison to other ruling commercial hybrids. Stringent hybrid seed Production standards to ensure genetic purity and Seed quality.

Tech Brief

The startup provides high adaptable, stable performing new hybrids to Farmers with product quality, through active marketing and sales strategy, supported by the feedback loop



5 States

Geographical Coverage



1500+

Number of farmers benefitted



10

Number of products in the market



2000+

Paid Customers



FIB-SOL Life Technologies

Redefining global Agri inputs
www.fibsol.com

Founder: Kavitha Sairam

Email: kavithafibsol@gmail.com

Foundation Year: 2013

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Limited alternatives to chemical based agri-input products.

Tech Brief

Startup offers light weight water soluble gel based biofertilizer where the beneficial microbial count is higher and more stable. The technology involves condensation, entrapment, and stabilization of bacteria in water soluble polymers.

Product USP

- Light weight which is 1000 times lighter than conventional products, 100 ml sufficient to improve fertility of an acre of land.
- Water soluble and better application process.
- Higher and more stabler cell count, which is 1000 times higher than conventional products



10000+

Number of farmers benefitted



8000+

Paid Customers



7 States

Geographical Coverage



Hooga Farms Pvt. Ltd.

Conserving endangered, foraging extinct
www.hoogaseeds.com

Founder: Sowmya Balasubramaniam

Email: sowmyakbb@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Limited access to high yielding, high quality, climate resilient native seeds in the market.

Tech Brief

Startup is offering climate conditioned seed storage facilities for conserving rare seeds - poly house seed production unit for native heirloom seeds. - Seed yatra to identify rare perennial high yielding vegetable seeds.

Product USP

- **PRODUCT** Native heirloom seeds, of foods with high nutritional value, high yield, some perennial and climate resilient.
- **PROCESS** - Symbiosis - Producer, company and consumer coevolve at HOOGA Seeds.



500+

Number of farmers benefitted



300+

Paid Customers



Pan India

Geographical Coverage



Yenveez Pvt. Ltd.

EASY ETERNAL ENERGY!!!

www.yenveez.in

Founder: Kethan S M

Email: kethansm@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Increasing consumption and demand for energy in the agriculture sector and lack of clean & green energy generation solutions.

Tech Brief

The startup has developed an innovative linear generator technology that can harvest clean & green electrical energy from Road Rumlbers, Floor Tiles, Flash Lights and Suspension System Modules.

Product USP

- Harvesting clean energy from small linear displacement (10-15mm).
- Patented solutions.



100+

Number of farmers
benefitted



ZeroPlast Labs

Creating a zero waste world
www.zeroplastlabs.com

Founder: Aditya Kabra

Email: adityakabra47@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of alternatives to non-recyclable plastics.

Tech Brief

The startup is using CelluBlend Technology to develop sustainable & biodegradable alternatives to single-use plastics.

Product USP

Readily biodegradable

Product Line: Biozampusiles



100+

Number of farmers benefitted



50+

Paid Customers



BB & GG

Be Blessed ! Go Green !

Founder: Ahmar Bashir Shah

Email: ahmar.bashir1@gmail.com

Foundation Year: 2021

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

Problem Statement

Absence of a viable solution for utilizing Keratin waste generated from salons and poultry vendors.

Tech Brief

The startup has developed an organic liquid fertilizer rich in nitrogen, phosphorous & potassium made from human hair & poultry waste.

Product USP

- Chemical free- The product has high natural NPK levels without having any added chemicals.
- Rich in Micro-nutrients – Product having 20 essential micronutrients (Ca, Mg, Cu, Zn, B, Fe) and 10 essential amino acids (valine, tryptophan, leucine.)
- Higher Percentage of Yield - 12% more yield as compared to using chemical inputs with no side effect on soil.



200+

Number of farmers benefitted



100+

Paid Customers



Jk Aromatics And Herbs

Waste to Wealth Startup doing waste management in City of Temples Jammu Kashmir by processing them into Innovative Natural & Chemical Free Products

Founder: Payal Sharma

Email: payalsharma0904@gmail.com

Foundation Year: 2019

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu



Problem Statement

Unavailability of viable solutions to utilize floral waste generated from temples and other holy sites.

Tech Brief

The startup is processing temple waste into products like incense sticks, rapid compost, chemical free soaps, and plantable rakhis.

Product USP

- Ecological, sustainable, natural, and chemical free products.
- Helping mitigate the environmental pollution caused by temple waste.



100+

Number of farmers benefitted



10

Number of products in the market



15000+

Paid Customers



Chetnagiri Biotech LLP

Delivering sustainability to society by innovative and affordable solutions

www.chetnagiri.com

Founder: Dr. Girish Jageshwar Korekar

Email: girishleh@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Paddy straw burning affects soil health & air quality whereas presence of heavy metals in water degrades the quality of water.

Tech Brief

The startup has developed a process to convert paddy straw into adsorbent material for heavy metal present in water, thus providing a solution for water quality as well as paddy straw burning.

Product USP

- Low-Cost raw material made from paddy straw waste
- High scalability
- Easy production process



100

Number of farmers benefitted



Fuma Labs Pvt. Ltd.

Converting crop residue into value-added products to prevent crop burning and promote sustainable development

www.crate.co

Founder: Shubham Singh

Email: shubham@crate.co

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Lack of a viable solution for utilizing crop residue, thus leading to its burning.

Tech Brief

The startup is converting crop waste into value added products like paper for packaging and engineered board for furniture applications to prevent crop burning and promote sustainable development.

Product USP

- 100% eco-friendly and bio-degradable
- High shelf life
- Customized solutions for customers



30000+

Number of farmers benefitted



10

Number of products in the market



100+

Paid Customers



Future Step Enterprise LLP

A Green Move

www.vapracomposting.in

Founder: Pavani V S V Lolla

Email: pavanilolla19@gmail.com

Foundation Year: 2020

Location: Telangana

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Due to lack of segregation organic waste is going back to landfills, which is creating environmental pollution and also demand for chemical fertilizers leading to soil infertility.

Tech Brief

Startup's product 'Vapra-The composter' converts organic waste to compost in 7 days in a sustainable manner by not depending on excessive microbial culture. The formed compost further helps in increasing the fertility of the soil

Product USP

- Composts in just 7 days.
- Both in automatic and manual mode.
- Doesn't stink
- Easy to operate
- Customized Design



500+

Number of farmers benefitted



500+

Paid Customers



12 States

Geographical Coverage



Greenjams BuildTech Pvt. Ltd.

Creating a beautiful carbon neutral built environment
www.greenjams.org

Founder: Tarun Jami

Email: tarun@greenjams.org

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Building materials for construction, industrial waste and stubble burning contributes significantly to the global carbon emissions.

Tech Brief

The startup has developed Agrocrete®, a green building material made up of crop residues like paddy straw and industrial by-products, which replaces conventional materials with 50% cheaper construction and 25% better heating and cooling efficiency.

Product USP

- Carbon Negative building material
- Utilization of crop residues
- Cheaper than conventional building materials



200+

Number of farmers benefitted



50+

Paid Customers



8 States

Geographical Coverage



Nap-Pads Solutions Pvt. Ltd.

Ab Kapda Bhi Surakshit Hai!

Founder: Aditi Dwivedi

Email: aditidwivedi@gmail.com

Foundation Year: 2022

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Lack of eco-friendly, decomposable, and durable sanitary pads in the market.

Tech Brief

Startup has developed a low-cost, biodegradable, multi-layered sanitary napkins made up of banana fiber for better female hygiene.

Product USP

- Economical Eco-friendly sanitary napkins
- Multi-layers in sanitary napkin making it durable
- Made up of banana fibre, utilizing the waste
- Can replace the non-decomposable sanitary pads



100+

Number of farmers benefitted



500+

Paid Customers



7 States

Geographical Coverage



Ruhvenile Biomedical OPC Pvt. Ltd.

For your well-being
www.ruhvenile.com

Founder: Dr. Rajkumar Halder

Email: rajkumar.halder@gmail.com

Foundation Year: 2015

Location: Delhi

Incubated at: Punjab Agricultural
University, Ludhiana

Problem Statement

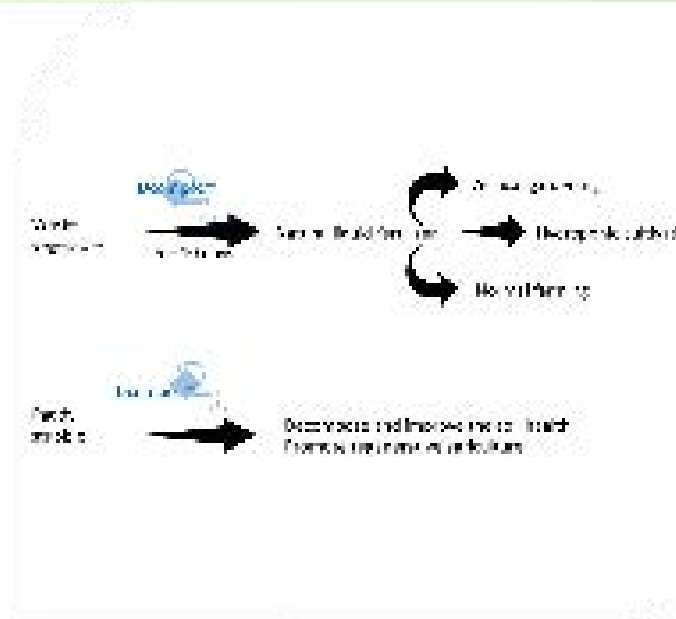
Lack of a viable solution for the paddy stubble burning issue.

Tech Brief

The startup has developed an indigenous solution that breaks beta bond of cellulose and lignocellulose to accelerate the decomposition of paddy stubble.

Product USP

- The product can decompose paddy stubble within 5-10 days at open conditions.
- Increases 10-15% NPK and carbon after decomposing paddy stubble of the soil.
- Promote regenerative agriculture and combat climate changes while reducing carbon footprint.



1500+

Number of farmers benefited



500+

Paid Customers



7 States

Geographical Coverage



Himhemp Ecofriendconc Pvt. Ltd.

Sustainable and Green Hemp Concrete

Founder: Ankush Tanta

Email: tantacivil@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Both agro-waste and concrete have negative impacts on the environment.

Tech Brief

The startup prepares Green Concrete Blocks and Panels using agro-waste, which requires comparatively less water for curing.

Product USP

- Saves 10% of aggregates
- Eco friendly product.
- Water saving product.
- Carbon dioxide reducing product.
- Surface crack retarder product.
- Sustainable product.



100+

Number of farmers
benefitted



10

Paid Customers



Alleloras Bioherbicide

Alleloras is a bio-herbicide, cost-effective, eco-friendly alternative to harmful chemical herbicides with an efficiency as high as 80%.

www.alleloras.com

Founder: Anoop Kumar Devedee

Email: allelorasagri@gmail.com,
anoop.dwivedi25@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Synthetic herbicides are costly and leave dangerous residues in soil. Hence, a cheaper and greener alternative to chemical herbicides.

Tech Brief

The startup is providing Cost effective, eco-friendly bio-herbicide with high efficiency.

Product USP

Non chemical and prepared from different plant extracts.



300+

Number of farmers benefitted



10

Number of products in the market



100+

Paid Customers

Dudh Dhara Pashu Aahar

Nutritious cattle feeds

Founder: Sanjeev Kumar Roy
Email: sanjeev03kumar@gmail.com
Foundation Year: 2021
Location: Bihar
Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of options for utilizing fruit and vegetables waste.

Tech Brief

Low-cost customized high nutritional value cattle feed manufactured with various ingredients by using Agri-waste (vegetables and fruits waste), herbals, and aquatic weeds.

Product USP

The product is natural immune stimulant, highly nutritive, rich in protein, low cost, urea free with no added chemicals into it



1000+

Number of farmers benefitted



500+

Paid Customers



Eco Char LLP

Reshaping the global food chain
www.ecochar.in

Founder: Dr. Megha Saxena

Email: drmeghasaxena87@gmail.com

Foundation Year: 2021

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of innovations to mitigate climate change and improve crop health.

Tech Brief

The startup upcycle pine needles into biochar and wood vinegar through the process of pyrolysis in a portable pyrolysis plant which helps organic agriculture farmers enhance their income by reducing the costs on fertilizer, irrigation, and pesticides

Product USP

Products are 100% organic which adds value to the products of agriculture farmers thereby also beneficial for end customer



200+

Number of farmers benefitted



100+

Paid Customers



Healventure Biosciences LLP

Solution for alternative protein and antibiotics in aquaculture feed.

Founder: Dr. Sumit Saxena

Email: dawakhana4online@gmail.com

Foundation Year: 2019

Location: Delhi

Incubated at: IIT – BHU, Varanasi

Problem Statement

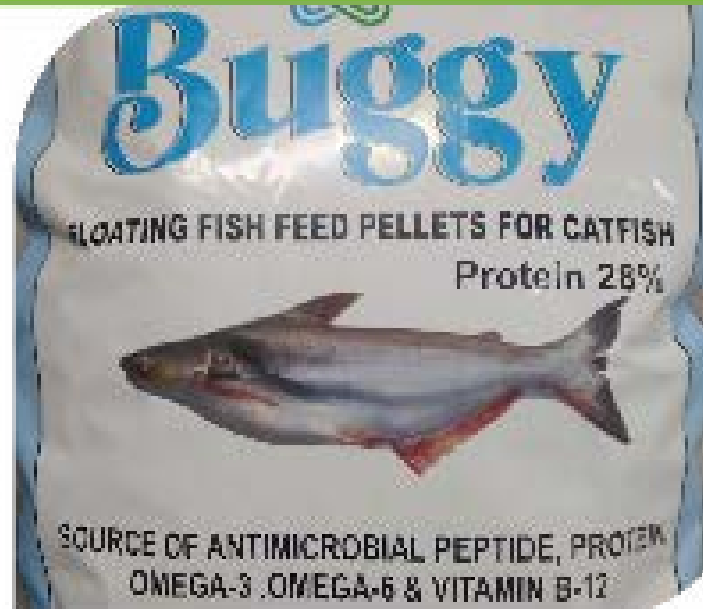
Farmers use cheap alternative of feed to overcome the cost of the feed in aquaculture, which often leads to a high mortality rate and poor growth.

Tech Brief

The startup is utilizing organic waste to rear different types of insects. These insects are further used to develop insect protein and peptides which is further used for development of aquaculture feed which provides better immunity without any antibiotics.

Product USP

- 20% saving on feed cost
- Patented formulation providing better immunity.
- Low mortality rate



100+

Number of farmers benefitted



150+

Paid Customers

Jalodari Agro LLP

Devoted to production of nanoherbicide for efficient weed management

Founder: Reshu Bhardwaj

Email: jalodariagro@gmail.com

Foundation Year: 2021

Location: Jharkhand

Incubated at: IIT – BHU, Varanasi

Problem Statement

Limited alternatives available to chemical based input products.

Tech Brief

Startup has developed a nanoformulated herbicide(nanoherbicide)which provides nutrients to plants and is more efficient and economically comparison to traditional herbicide.

Product USP

- Efficiency: Control weeds effectively with lower dose of herbicide with no side effect on soil and crop health.
- Cost effective: Cost will be 30% less as compared to commercial herbicide
- Nutrient supply to plants and soil
- Non-residual & non-toxic



100+

Number of farmers benefitted



06

Number of products in the market



20+

Paid Customers

Kashgro Enterprises Pvt. Ltd.

Phosphorous based fertilizers

Founder: Mayank Kumar Yadav

Email: mayank.kryadav.rs.cer18@itbhu.ac.in

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of precise and natural nutritional supplements for plants.

Tech Brief

Production of phosphorous based fertilizers

Product USP

The particle size of the product is in nano range it helps in targeted delivery of fertilizer directly to plant roots.



200+

Number of farmers benefitted



50+

Paid Customers

Natuos Agrilite LLP

Bio-based adhesive for multi substrate applications

Founder: Shivam Tiwari

Email: natuosagrilite@gmail.com

Foundation Year: 2021

Location: West Bengal

Incubated at: IIT – BHU, Varanasi

Problem Statement

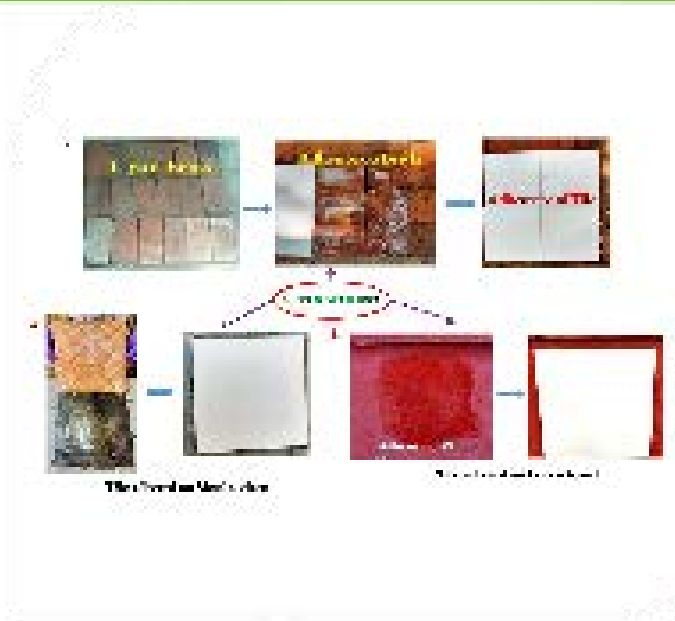
Lack of alternatives to conventional adhesives used for tiles which are hazardous to environment and human health.

Tech Brief

Startup has developed a natural and safe adhesive from agri -based precursor to be used in the construction industry.

Product USP

- Bio-based product
- Highly durable
- Better adherence to different substrates
- Cost – effective
- Mechanically Stable



100+

Number of farmers benefitted



20+

Paid Customers



TGT Global Development Services Pvt. Ltd.

Green Feed

Founder: Sanjeev Kumar

Email: sanjeevfaculty@gmail.com,
thegoatrust@gmail.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi



Problem Statement

Unchecked disposal of vegetable and fruit peel/pulp leads to bacterial growth which is a health hazard.

Tech Brief

The startup collect and processes vegetable greens, fruit peels and pulp, segregated and dried under solar drier, and uses it as feed. It is sold to peri urban livestock farmers through a network of Pashu Sakhies at each village

Product USP

Low Cost Product



5000+

Number of farmers benefitted



500+

Paid Customers



Titlis Engg & Projects Pvt. Ltd.

Simplifying engineering through innovation making water from atmosphere
www.titlisindia.com

Founder: Ajay Kumar

Email: cto@titlisindia.com

Foundation Year: 2014

Location: Gujarat

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of innovative solutions for producing drinking water from alternative sources.

Product USP

- Stage Water Generation System
- Integrated with solar energy
- Low energy consumption

Tech Brief

Developed AWG that can generate potable water from air which can be stored in the storage tank and transferred to needy areas like Villages Schools/ Hospitals/and Public places where water can be made available to a different segment of the people. The use Of Renewable Energy makes it an Independent System.



1000+

Number of farmers benefitted



100+

Paid Customers



Vacera Traders Pvt. Ltd.

Of the Earth By the Earth For the Earth

Founder: Vaibhav Pandey

Email: er.vaibhavpandey001@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

High power consumption due to low insulation in cold storage so higher charges for consumers. Wastage of vegetables due to unavailability of low-budget or low-cost cold storage. Environmental issues due to improper waste management.

Tech Brief

The startup is providing Low-cost insulating panels by using waste material and portable cold storage.

Product USP

Low thermal conductivity; Fire resistant; Chemical resistant; Resistant to oxidation and reduction



100+

Number of farmers benefitted



20+

Paid Customers



Bananature LLP

Banana Pulp to packaging
www.bananature.in

Founder: Himani Sahu

Email: himanisahu5294@gmail.com

Foundation Year: 2020

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

- Lack of affordable biodegradable food packaging products.
- Lack of options for utilizing banana stem waste.

Tech Brief

Startup is producing compostable containers 'Bananature' from banana stem waste which are biodegradable and compost within 60 days.

Product USP

- Leak proof food containers which are microwave safe and can hold water for 48hrs.
- Portable – Can be used for hot and cold items
- Soak proof
- Have no plastic or wax lining
- Locally sourced and manufactured



100+

Number of farmers benefitted



05

Number of products in the market



20+

Paid Customers



Chitku Design Studio LLP

Innovating Eco-Friendly Fibre solutions for Sustainable Textile Industries.

www.chitku.in

Founder: Priyanka Tolia

Email: priyankatolia@chitku.in

Foundation Year: 2021

Location: Uttarakhand

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of technological solutions for processing of natural fibres into eco-textile products.

Tech Brief

The startup has developed a Hybrid Carding Machine System that enables post processing of both indigenous Bast and Animal fibres creating standardized and varied blends for spinning. The innovation removes drudgery, hastens processing time, thereby increasing volume while yielding economically viable products and also offering employment opportunities to rural artisans in its entire value chain.

Product USP

- Maintains and enhances the fibres anti-microbial & anti-bacterial properties
- Retains its high durability
- Cost-effective production systems
- Keeps it bio-degradable and recyclable
- Enables product diversification
- Generates local employment opportunities
- Leaves low impact on surrounding ecosystem.



600+

Number of farmers benefitted



100+

Paid Customers



Loopworm Pvt. Ltd.

Waste to Protein
www.loopworm.in

Founder: Ankit Alok Bagaria
Email: ankitbagaria@loopworm.in
Foundation Year: 2019
Location: Karnataka
Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of a sustainable protein meal which is nutritionally sound to replace fish meal in aqua feed diets.

Tech Brief

Loopworm farms Black Soldier Fly larvae which is rich in protein and fats and grows on various kinds of food waste and has developed technology to convert raw form of food and agri waste to nutritious feedstock for the larvae.

Product USP

BSF meal and oil is not just sustainable but also helps in increasing productivity of farmed animals like shrimps by improving FCR, growth rates and mortality rates.



100+

Number of farmers benefitted



07

Number of products in the market



50+

Paid Customers



MPCG COIR LLP

Coconut Waste Management Services & Recycler
www.masteryinfotech.com

Founder: Prakash Chadokar

Email: prakash.chadokar03@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Limited availability of solutions for utilization of coconut waste.

Tech Brief

The startup is collecting coconut wastes from the temples across Madhya Pradesh and converting it into eco friendly coir and other products.

Product USP

- Eco-friendly and organic.
- Resistant to water and sunlight.



580+

Number of farmers benefitted



06

Number of products in the market



500+

Paid Customers



Oorvi Sustainable Concepts Pvt. Ltd.

Redefining Waste
www.oorvi.org

Founder: Maya Vivek

Email: maya@oorvi.org

Foundation Year: 2019

Location: Telangana

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of viable solutions for addressing the floral waste problem.

Tech Brief

The startup is producing eco-friendly products from floral waste and providing sustainable livelihood to rural & semi-urban women. It is procuring the unusable and discarded flowers from farmers thus giving an alternate income source to them while reducing the floral wastage.

Product USP

- Alternative utilization of discarded floral waste
- Creating employment for rural and semi-urban women
- Sustainable, recyclable, and non-toxic products



100+

Number of farmers benefitted



14

Number of products in the market



1000+

Paid Customers



Welkiv Solutions

Eco Friendly products from crop waste.
www.welkiv.com

Founder: Arpit Gupta

Email: arpitgupt@gmail.com

Foundation Year: 2019

Location: Rajasthan

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Lack of viable solutions utilizing crop stubble thus leading to its burning.

Tech Brief

Startup has developed biodegradable and reusable packaging materials from crop stubble.

Product USP

- 100% Eco friendly and non-toxic
- Shelf life of 2 years
- After its usage, it can be used as manure



100+

Number of farmers benefitted



06

Number of products in the market



1000+

Paid Customers



Shakambari Biotech Venture LLP

Bioplastic-Future of Sustainable Packaging

Founder: Yomesh Soni

Email: yomeshs007@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Lack of viable biodegradable options to the commonly used plastic.

Tech Brief

Startup has developed a biopolymer made of starch and cellulose which is completely biodegradable, is identical to the plastic polymer and can be used for packaging of products.

Product USP

- Compostable & Biodegradable
- Can be printed and customized



50+

Number of farmers
benefitted



100+

Paid Customers



BETi Innovative Pvt. Ltd.

Upgrading Traditions Scientifically
www.biotechera.com

Founder: Dr. Pooja Dubey Pandey

Email: betiindore@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur

Problem Statement

Lack of methods for utilization of agricultural waste.

Tech Brief

Startup is utilizing agricultural waste to grow mushrooms, developing bio-packages, and eco-friendly articles.

Product USP

Biodegradable and customizable packaging solutions which promote plant growth upon breaking down into the soil.



100+

Number of farmers benefitted



05

Number of products in the market



100+

Paid Customers



Gau Den Organic Pvt. Ltd.

Gau Den provides several products such as pots, logs, statues, diyas smoke fountain made of cow dung.

Founder: Ankit Katakwar

Email: katakwarankit91@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Lack of a viable alternative to plastic bags and pots used in gardening.

Tech Brief

Startup is making biodegradable pots using cow dung.

Product USP

Eco-friendly and sustainable pots.



100+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Home Care Enterprises

Waste to Wealth

Founder: Dr. Purushottam Singh Chauhan

Email: 077purushottam@gmail.com

Foundation Year: 2022

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Absence of a viable method for utilization of human hair waste.

Tech Brief

Startup has developed an innovative method to convert human hair (obtained from saloons) into Liquid Proteins Bio-fertilizers which are organic in nature and have a high protein content.

Product USP

- Eco-friendly in nature with no harm to the ecosystem.
- Compatible with all types of pesticides.
- Result oriented products for all crop types.



100+

Number of farmers benefitted



20+

Paid Customers



P R Linseed Based Product

Linseed

www.alsiking.co.in

Founder: Ramadhari Dewangan

Email: rddewangan599@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Lack of alternative uses for Linseed Plant waste.

Tech Brief

Startup is producing textile fabric from waste of Linseed plant.

Product USP

- Sustainable and eco-friendly.
- Lack of competition for the product.



200+

Number of farmers benefitted



05

Number of products in the market



50+

Paid Customers



Palletize Green-Tech Pvt. Ltd.

Upcycling of Agri-waste to Industrial raw material
www.palletize.in

Founder: Prasanna Kumar Vummanani

Email: prasanna.kumar@palletize.in

Foundation Year: 2019

Location: Telangana

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of solutions for utilizing of coconut waste.

Tech Brief

Producing 100% bio-based, biodegradable, durable transportation pallets from coconut husks.

Product USP

- More durable than Wooden Pallets, Termite Free, Carbon Neutral, Sustainable, Fumigation-free.
- Saving 70% of the space during storage, ISPM15 exempted & safe for workers to handle.



350+

Number of farmers benefitted



20+

Paid Customers



Praktikum Agritech LLP

Aahar hi Aushadhi Hai

Founder: Akanksha Jain

Email: akankshanakhat@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Limited availability of organic cattle feed and food products in the market.

Tech Brief

Startup is manufacturing cattle feed from agricultural waste including herbs, cereals, minerals, molasses, and vitamins.

Product USP

- Synthetic chemicals and ammonia free cattle feed.
- Cost effective and can increase milk production.



200+

Number of farmers benefitted



06

Number of products in the market



100+

Paid Customers



Rayush Natural Fiber Pvt. Ltd.

Eco-fibers for better living, land and livelihood
www.rayushnaturals.com

Founder: Namrata Diwaker

Email: diwakernamrata@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

- Lack of usage for agricultural waste of aromatic crops.
- Absence of a natural fibre-based product for filtering of air entering the home.

Tech Brief

Developing 'Kusha Cool Curtains/Fibres' from waste of aromatic crops, filtering the air entering through doors and windows of heatwaves, smells, mosquitoes, insects, etc. and releasing pleasant aroma.

Product USP

- Applied for three IPs – Product, Process, and Machine.
- Creating job opportunities for handicraft weavers.
- Eco-friendly and natural fibre.



100+

Number of farmers benefitted



500+

Paid Customers



Romisure (OPC) Pvt. Ltd.

The company is working to develop more biodegradable products to replace more plastic goods.

www.romisure.com

Founder: Romi Kumari

Email: meromikumari@gmail.com

Foundation Year: 2020

Location: Orissa

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of alternatives to plastic pens and plastic refills.

Tech Brief

Startup is utilizing crop residues and making Biodegradable Pens without a plastic refill.

Product USP

Patent Granted, Cost efficient biodegradable product, Approval from National Biodiversity Authority (NBA) for the use of Biological Resources.



100+

Number of farmers benefitted



07

Number of products in the market



10000+

Paid Customers



Alpha Planters & Nurseries LLP

Wonder from Waste
www.alphaplanters.com

Founder: Anshul Lalit

Email: info@alphaplanters.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of a viable alternative to plastic bags and pots used in gardening.

Tech Brief

The startup has developed a Multiple chamber modular composting equipment for transforming organic food waste into compost.

Product USP

Aerobic Chamber, Modular & Portable



1000+

Number of farmers benefitted



5000+

Paid Customers



Attaware Biodegradable Pvt. Ltd.

Drink The Tea, Eat The Cup, Save The Planet

<https://attaware.business.site/>

Founder: Puneet Dutta

Email: attaware@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Lack of existing solutions to limit the use of plastic cups and plates.

Tech Brief

The start-up is developing Edible cups and plates Made with a non-baking manufacturing process using Grains and jaggery.

Product USP

- Environmentally friendly technology reducing the need to recycle
- The plastic cups create harmful effects and the single use plastic has been banned by the govt
- The cups are made entirely from agriculture produce, thus enhancing the income of the farmers



15+

Number of products in the market



10000+

Paid Customers



Bio leaf Manufacturing Pvt. Ltd.

Innovation And Quality In Packaging

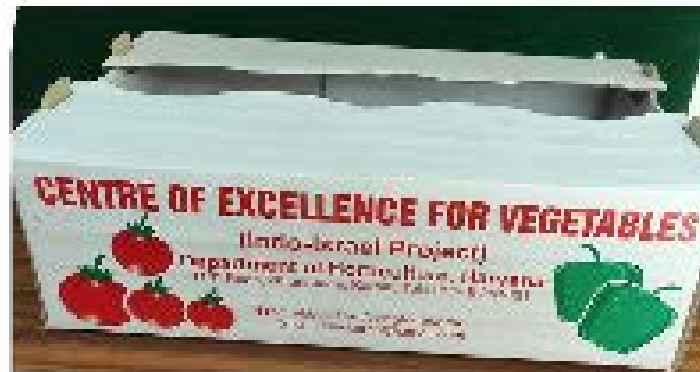
Founder: Bhoop Singh

Email: bioleafmanufacturing@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Chemical packaging spoil the products as well as dangerous to the health.

Tech Brief

The startup provide chemical-free, environment frindely packing boxes. The start up makes recyclable and reusable boxes for variety of products including vegetables, fruits etc. from agri waste based cardboards and corn starch glue.

Product USP

- Use of agriculture waste for box manufacturing
- Chemical free, Reusable and Recyclable boxes
- Direct procurement of maize crop from farmers



Pan India

Geographical Coverage



100+

Number of farmers benefitted



21

Number of products in the market



500+

Paid Customers



Gaupethi Udyog Pvt. Ltd.

Gauraksha ki sarthak pahal
www.gaupethi.com

Founder: Naresh Kumar

Email: gaupethi@gmail.com

Foundation Year: 2017

Location: Haryana

Incubated at: CCS Haryana Agriculture
University, Hisar



Problem Statement

The menace created on roads and other areas due to roaming of non-lactating dairy cattle

Tech Brief

The startup is developing value-added products based on the excretion of the said cattle (cows) and the products include Hawan Samgri, Dishwashing soap, shampoos, and other cosmetics and God idols

Product USP

- Availability of naturally made products
- Providing training to farmers to make a newer profitable business from cow dung



500+

Number of farmers benefitted



12

Number of products in the market



1000+

Paid Customers



Orayna Solutions Pvt. Ltd.

Beyond Sustainability
www.nomcompany.com

Founder: Shashank Gupta

Email: s@thenom.in

Foundation Year: 2018

Location: Maharashtra

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Single-use plastic is the largest contributor to environmental pollution. Despite numerous sustainable alternatives to replace single-use plastic, adoption has not occurred.

Tech Brief

The startup has developed a novel formulation and procedure developed utilizing food science and technology that makes a product taste like a snack and function like a cutlery product, so addressing customer acceptance and environmental sustainability.

Product USP

Tastes like snacks and functions like cutlery, works across any food and beverage category and approved in all of the world's major countries as a food snack



07

Number of products in the market



5000+

Paid Customers



Global

Geographical Coverage



Plutusplus Handicrafts Pvt. Ltd.

Pure Bliss

www.plutusplus.com

Founder: Mridulla Bhardwaj

Email: mridulabhardwaj1919@gmail.com

Foundation Year: 2020

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Chemical and synthetic skin care products packaged in plastic that are very damaging to skin and hair.

Tech Brief

The startup's handmade Natural Skincare Products based on Honey and Cordyceps Militaris using cold processing technology are 100 percent chemical free, created from Agri waste and Floral waste, and packaged in an environmentally responsible manner.

Product USP

100 percent organic certified ingredients from farmers, 100 percent chemical free, 100 percent women organisation, fueled by farmers, eco-friendly and biodegradable packaging; these are some of the attributes of Plutus Plus Studio's products.



15 States

Geographical Coverage



1000+

Number of farmers benefitted



70

Number of products in the market



1 lac+

Paid Customers



POS Foods LLP

Value added wet pet foods
www.furryfoods.in

Founder: Satyavir Singh Ahlawat

Email: ahlawatss9@furryfoods.in

Foundation Year: 2021

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Lack of innovative food products for pets with long shelf life.

Tech Brief

The start up has developed Innovative food product for pets based on processed poultry waste, with a long shelf life, made with chicken intestine and herbal preservatives.

Product USP

- Allows wet food to stay fresh for 9 months at room temperature. It Removes the Pain Point of the Owners for their pet feeding.
- Reduces pollution caused by poultry intestines.
- Reduction of dependence on the imported inferior quality pet food.



100+

Number of products in the market



100+

Paid Customers



SGA Freshways Pvt. Ltd.

Founder: Krishan Lal Nain

Email: krishaninsan@gmail.com

Foundation Year: 2018

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

Limited availability of organic manure composition for the farmers to encourage organic cultivation.

Tech Brief

The start up has produced organic manure composition which is bio waste based and mixture with aloe vera & dairy waste of biogas plant in specific ratio in digester. While digested slurry is further processed with innovative process technology to convert it into a perfect organic manure.

Product USP

- Availability of all nutrients, growth promoter, Soil reformer & fungicide in Single Formulation.
- No weed seeds & heavy metals present.
- Decreases agri input cost & increases yield quality with less use of water.



10000+

Number of farmers benefitted



5000+

Paid Customers



Ecophilic Farming Solutions LLP

Effective, Economic, Eco-friendly

www.ecophilicfarmingsolutions.in

Founder: Dr. Anjalii Prasad

Email: ceo.ecophilicfarmingsols@gmail.com

Foundation Year: 2020

Location: West Bengal

Incubated at: MANAGE, Hyderabad

Problem Statement

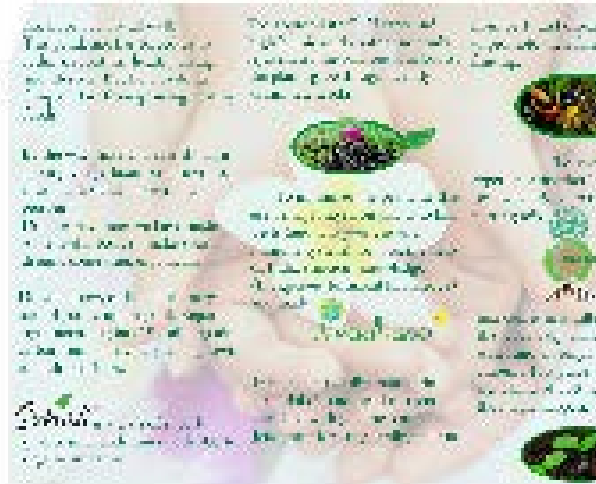
Degrading soil health due to sub-optimal usage of chemical inputs.

Tech Brief

Formulated a soil conditioner 'Suhali' having ideal C:N ration, boosted with Humic Acid and other nutrients. Also developed herbal pest repellent cum plant growth promoter 'Jivadhana' and a potting mix 'RopanSathi'.

Product USP

- Suhali - Two special variants with enhanced Phosphorous and Potash content, 3% Humic Acid, source of High Organic Carbon.
- Jivadhana - Dual function as herbal pest repellent as well as plant growth enhancer.
- RopanSathi - Ready to pot mixture available in five varieties according to types of plants.



1000+

Number of farmers benefitted



500+

Paid Customers



Pan India

Geographical Coverage



Kadaipai

Bag of Inspiration
www.kadaipai.com

Founder: Anitha Rajalakshmi
Email: greenaverbags@gmail.com
Foundation Year: 2018
Location: Tamil Nadu
Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of alternatives for utilizing leftover banana fibre and other leftover fibres.

Tech Brief

Creating handmade products out of banana and leftover fibres.

Product USP

Eco-Friendliness & sustainable



500+

Number of farmers benefited



86

Number of products in the market



1500+

Paid Customers



Om Biofertilizers

Promoting organic farming for healthier tomorrow.
www.ombiofertilizer.com

Founder: Priti Sanjay Sonkusare
Email: pritissonkusare@gmail.com
Foundation Year: 2016
Location: Maharashtra
Incubated at: MANAGE, Hyderabad



Problem Statement

Limited availability of eco-friendly biological inputs.

Tech Brief

Manufacturing Biofertilizers which are based on micro-organisms packed with a carrier material and are a sustainable alternative to chemical fertilizers.

Product USP

Crop specific biofertilizer.



5000+

Number of farmers benefitted



09

Number of products in the market



2000+

Paid Customers



Sri Aadhi Coir Products Pvt. Ltd.

Alternate to soil as growth media

www.sriaadhicoirproductsprivtltd.com

Founder: Nigil Gunal karuppiah

Email: nigilgunal@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

The soil media has an more weight and needs to be replaced periodically to ensure proper growth of potted plants in rooftop and terrace gardens.

Tech Brief

Technology is based on production of decomposed coir pith blocks using cow dung.

Product USP

Best alternate for soil media in roof top and terrace due to its lesser weight and high water holding capacity garden.



100+

Number of farmers benefitted



300+

Paid Customers



Vwin Bio Products Pvt. Ltd.

Bio Plastic Production with Sago Starch

Founder: Udaya Kumar Chandra Sekaran

Email: aum.udayam@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of alternatives to petroleum based plastic products that are non-biodegradable.

Tech Brief

Producing bio-plastic products from Cassava Starch.

Product USP

Eco Friendly, Customers Friendly, Better Price, Farmers Based Product



1500+

Number of farmers benefitted



1000+

Paid Customers



Green Hearts Pvt. Ltd.

Different Solutions to a Greener World
www.greenheartsworld.com

Founder: Vivek Menon P K

Email: vivek.menon@greenheartsworld.com

Foundation Year: 2016

Location: Kerala

Incubated at: Kerala Agricultural University,
Thrissur

Problem Statement

Improper management of food waste and effluents.

Tech Brief

The startup has developed a solution 'Effy Clean Bacto' containing liquid microorganisms which in combination with insect larvae, can convert any food waste into natural manure. The larvae can further be utilized as feed in Aquaculture and Poultry farms.

Product USP

- 100% safe for environment, human and others.
- Highly nutritious manure for crops.
- Cost effective feed for aquaculture and poultry farms.



100+

Number of farmers benefitted



200+

Paid Customers



Kizhakkedath Agro Natural Industries

Go with nature
www.kizani.in

Founder: Jins Jose

Email: jinsjose.k@gmail.com

Foundation Year: 2021

Location: Kerala

Incubated at: Kerala Agricultural University,
Thrissur

Problem Statement

Lack of options for processing of agricultural waste such as pineapple leaves.

Tech Brief

Processing pineapple leaves into pineapple leaf fibre which is used as a raw material for certain industries such as fabric, leather, paper etc. Following a cluster based approach where leaves are processed within the farms.

Product USP

- Product standardization and quality is ensured through quality raw material, standard machineries and process.
- Major part of the processing is completed in the farms itself, in partnership with the farmers.
- Product is of good quality and tensile strength and the product is available throughout the year.



200+

Number of farmers benefitted



500+

Paid Customers



KODOKO
by Kodoth India LLP

Kodoth India LLP

Timeless Toys, Endless Possibilities.

www.kodokotoys.com

Founder: Sreejith Kodoth

Email: kodothindia@gmail.com

Foundation Year: 2021

Location: Kerala

Incubated at: Kerala Agricultural University,
Thrissur

Problem Statement

Educational Toys that are made of recycled coconut wood. Primarily our processes are lathe work and eco-friendly colouring.

Tech Brief

The startup is utilizing recycled coconut wood to manufacture eco-friendly toys.

Product USP

- Research-based educational toys developed along with the support of an advisory board consisting of child psychologists, teachers, artists, and parents.
- Aiding in building motor skills, mental and emotional development of children.
- Design identity: Coconut wooden texture gives the toys a unique design identity.
- Eco-friendly and Children friendly. No toxic chemicals and small parts that are dangerous to children.



100+

Number of farmers benefitted



10+

Number of products in the market



200+

Paid Customers



Nata Nutrico Coconut Food Products LLP

Better Health – Better Life
www.natanutrico.in

Founder: Shameema AP, Shafna LC

Email: natanutrico@gmail.com

Foundation Year: 2018

Location: Kerala

Incubated at: Kerala Agricultural University, Thrissur

Problem Statement

Lack of options for utilizing coconut waste.

Tech Brief

Startup is utilizing coconut waste and manufacturing alternative leather products and also coconut bio-cellulose masks made entirely from natural coconut fermented from *Acetobacter xylinum*.

Product USP

- Producing alternative leather products like bags, shoes etc.
- Completely biodegradable and vegan.



Pan India, Middle East & Europe
Geographical Coverage



500+
Number of farmers benefitted



15
Number of products in the market



100+
Paid Customers



Vir Naturals Pvt. Ltd.

Biodegradable tableware from Agri waste
www.thooshan.com

Founder: Vinayakumar Balakrishnan

Email: mail@thooshan.com

Foundation Year: 2020

Location: Kerala

Incubated at: Kerala Agricultural University, Thrissur

Problem Statement

Lack of sustainable alternatives for single use plastic.

Tech Brief

Creating fully biodegradable tableware, such as single-use plates, cups, take away boxes, cutleries and glasses from agriculture by-product (wheat bran or rice bran) other natural ingredients coated with natural binders.

Product USP

- Longer shelf life and is fungus and bacteria resistant.
- Completely biodegradable and partially edible.
- Decomposes into organic manure for the plants.
- After usage, Tableware can be used as cattle feed, fish feed, or poultry feed.



100+

Number of farmers benefitted



10

Number of products in the market



1000+

Paid Customers



Green Gears Agro Tech

Gearing up for Green

www.greengearsagrotch.com

Founder: S Rajesh

Email: rajeshsinguru1992@gmail.com

Foundation Year: 2021

Location: Andhra Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Limited options available for utilization of agricultural waste.

Tech Brief

Processing agricultural waste and producing sustainable and biodegradable packaging material.

Product USP

Customized products with varied varieties.



200+

Number of farmers benefitted



06

Number of products in the market



1000+

Paid Customers

SOIL Health Solutions Pvt. Ltd.

Customized Organic Fertilizer

Founder: A. Sainath Reddy

Email: sainath7036@gmail.com

Foundation Year: 2021

Location: Telangana

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Lack of customized organic fertilizer option in the market.

Tech Brief

Startup is developing customized organic fertilizer from Poultry Litter, Farm Yard Manure, Press Mud, Need Seed Powder, Cocopit etc.

Product USP

- Customizing the fertilizer as per requirement.
- Providing essential nutrients and organic matter to the soil.



1000+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers

Sri Annapurna Naturals

The Eat when you drink cup

Founder: Neelaiah Gari Sunil

Email: sunilatp@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Acharya N. G. Ranga
Agricultural University, Tirupati



Problem Statement

Lack of alternatives for disposable plastic cups.

Tech Brief

Developing edible cookie cups from millets.

Product USP

Eco-friendly, biodegradable and sustainable alternative to plastic cups.



100+

Number of farmers
benefitted



1000+

Paid Customers



Bhairav Renderers

Slaughterhouse Waste Recycling Company

<https://bhairavrenderers.wixsite.com/website>

Founder: S B Senthil Kumar

Email: senthilksb@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

Lack of eco-friendly alternatives for processing slaughterhouse leftover.

Tech Brief

Using dry rendering technology to convert slaughterhouse waste into byproducts like pet food, bio-diesel, and glycerol soap.

Product USP

- Highest Protein content and affordable price for pet food owners.
- Can be mixed with other foods as product is in powder form.



1500+

Paid Customers



5 States

Geographical Coverage



Eden Nursery & Biotech Pvt. Ltd.

Value Added Planting Materials

www.edennurseryandbiotech.com

Founder: S. Rajarathnam

Email: edennurserygardens@gmail.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Lack of cloning methods for production of difficult to grow plant species.

Tech Brief

Developed a technology for clonal propagation of plants which are rich in medicinal properties with highest content of organic compounds. These species are not propagated by nurseries as they are hard to root.

Product USP

- Propagation of plants using "Shoot-tip-cuttings" by maintaining mother clonal bank and by using this technology we can propagate any species in bulk quantity.
- The planting materials produced by using the Leafculture and Shoot-tip Propagation technologies are of genetic purity, varietal purity and with yield-assurance.
- The plants produced will retain all the unique characteristics like highest content of organic compounds, uniform growth, disease and pest resistance, etc.,
- Seed-borne diseases are not seen in plants produced by this method.



1500+

Number of farmers benefitted



07

Number of products in the market



1000+

Paid Customers



Farm Pro Agro

www.farmproagro.com

Founder: E.Kavitha

Email: kaviaara@gmail.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore



Problem Statement

Lack of alternate technology for organic seed coating technology.

Tech Brief

Developed Organic Seed Coating Formulation for Pulses, Oilseeds and Vegetable seeds (Greengram, Redgram, Blackgram, Groundnut, Bhendi, Drumstick and Laplap) and Organic Liquid Manure for all crops.

Product USP

Seeds treated with the formulation have high germination capacity and tolerate drought upto 15 days with an increase in yield.



500+

Number of farmers benefitted



200+

Paid Customers



Om Banana Craft (P) Ltd

www.bananaropemdu.com

Founder: P.M. Murugesan

Email: ropeproductioncentre@gmail.com,
bananafibremdu@gmail.com

Foundation Year: 2020

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural
University, Coimbatore



Problem Statement

Lack of options for utilizing banana fibre waste.

Tech Brief

Manufacturing handicraft products from banana fibre waste.

Product USP

Wide range of products – table mats, lamp shades, baskets, bags etc.



10000+

Paid Customers



5000+

Number of farmers
benefitted



50

Number of products
in the market



Bhoomi Agri Ventures

Vegan, Biodegradable palmleather and its products manufacturers
www.bavbio.in

Founder: Suresh S R

Email: suresh@bavbio.in

Foundation Year: 2020

Location: Karnataka

Incubated at: NIAM, Jaipur

Problem Statement

Absence of a viable natural alternative to animal leather.

Tech Brief

Startup is producing Vegan Leather (Palm Leather) manufactured from Areca Leaves using an innovative biological process.

Product USP

- Biodegradable, natural, and eco-friendly.
- Manufactured without using any chemicals.



50+

Number of farmers benefitted



05

Number of products in the market



100+

Paid Customers



FYSI World

Eco-Friendly Products from Banana Pseudostem Fiber

Founder: Maddula S R Vishnu Venkatesh

Email: vishnu2maddula@gmail.com

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of a solution utilizing the leftover banana pseudostem after the harvesting of banana crop.

Tech Brief

The startup is converting Banana Pseudostem into fibre and producing eco-friendly products such as cloths, yarn, handicrafts, etc.)

Product USP

Eco-friendly, handmade, and biodegradable.



500+

Number of farmers benefitted



05

Number of products in the market



2000+

Paid Customers



Himalayan Hemp Industries Pvt. Ltd.

A social-ecological hemp community of farmers, artisans and innovators in Himalayas

www.himalayanhemp.in

Founder: Haneesh Katnawer

Email: himalayanhemporg@gmail.com

Foundation Year: 2019

Location: Himachal Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

- Lack of alternative cash crops and models for rural farmers and artisans.
- Absence of eco-friendly, disposable sanitary pads leading to environmental pollution caused by disposable pads.

Tech Brief

Startup has developed a hemp fibre based reusable lab-validated sanitary pad by raw material procured directly from rural farmers.

Product USP

- High absorbency, leak-proof, itch-resistance and rash-resistance.
- Employing rural artisans for producing the sanitary pads.



100+

Number of farmers benefitted



05

Number of products in the market



200+

Paid Customers



Sanjit Kumar Entrepreneurship Institute OPC Pvt. Ltd.

Main Aim of our company has to produce low cost mushroom seeds and semi compost for mushroom production for farmers

Founder: Sanjit Kumar Mohanty

Email: rrmushroom2005@gmail.com

Foundation Year: 2020

Location: Orissa

Incubated at: NIAM, Jaipur

Problem Statement

Unavailability of low cost spawn and compost to support the mushroom farmers.

Tech Brief

The startup is manufacturing ready to grow, cost effective mushroom kits for the growers.

Product USP

- Ready to grow mushroom kits with increasing biological efficiency for double earning
- Ready made low cost spawn for mushroom growing
- Easy to adopt technology for educated and non educated farmers both
- Affordable



300+

Number of farmers benefitted



05

Number of products in the market



100+

Paid Customers



Innovative Farmer's Seed

First Choice of Farmer's

Founder: Manish Kumawat

Email: kumawatm689@gmail.com

Foundation Year: 2021

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Limited availability of indigenous seed varieties.

Tech Brief

Startup is developing indigenous seed varieties through natural mutation.

Product USP

- High disease resistance
- High yield and more nutritious
- Drought tolerant
- Low cost of cultivation



5000+

Number of farmers benefitted



05

Number of products in the market



1000+

Paid Customers



Mangalamkalpataru Industries LLP

Developing of a sustainable, greener circular economy
www.mangalamkalpataru.co.in

Founder: Mehul M Shroff

Email: director@mangalamkalpataru.in

Foundation Year: 2020

Location: Madhya Pradesh

Incubated at: SKN Agriculture University,
Jobner



Problem Statement

Lack of viable options to utilize banana stem.

Tech Brief

Startup is processing banana stem to produce enriched organic liquid nutrients for the soil, through a technology licenced from ICAR.

Product USP

Complete utilisation of stems, as well as creating materials which could further helpful in forest deforestation, decrease in use of plastic as well as rural women employment.



500+

Number of farmers benefitted



07

Number of products in the market



120+

Paid Customers



Organic Manure & Herbal Pesticides

We have to make the Healthy earth mother and the farmer healthy. It becomes nation healthy

www.shivamnatur.com

Founder: Surendra Awana

Email: shivamdairyjaipur@gmail.com

Foundation Year: 2016

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Limited availability of natural and organic alternatives to chemical-based input products.

Tech Brief

Manufacturing organic manure in an automated plant by grinding cow and multiple other types of dungs and adding natural minerals along with cow urine and sugarcane molasses.

Product USP

- Eco-friendly and harmless for farmers.
- Using minerals directly product in raw form from mines such as Dolomite, Rhyolite, Gypsum, Rock Phosphate.
- Using various types of cattle dung i.e., desi cow dung, hen dung, sheep dung, goat dung, horse dung, camel dung, raw natural minerals along with microbacteria, desi cow urine, and sugarcane molasses.



500+

Number of farmers benefitted



200+

Paid Customers



Haripriya Refractories Pvt. Ltd.

We Insulate Molten Steel Better
www.haripriyarpl.com

Founder: Bibhu Prasad Sahu

Email: hpaexport@gmail.com

Foundation Year: 2019

Location: Orissa

Incubated at: National Rice Research
Institute, Cuttack

Problem Statement

Lack of alternate usage for rice husk thus leading to its burning.

Tech Brief

Startup uses agri-waste (rice husk ash) to produce commercial grade thermal insulator.

Product USP

- An effective TUNDISH cover for insulation on slag free molten steel in continuous casting.
- It is an effective medium to retain that minimum superheat necessary for a smooth casting operation by preventing radiant heat loss from the surface of the molten steel.



1000+

Number of farmers benefitted



07

Number of products in the market



100+

Paid Customers



DD Bio Solution Technology Pvt. Ltd.

To emerge as one-point solution & one of the world's most leading biotechnology startup
www.ddbiosolutiontechnology.com

Founder: Debashree Padhi

Email: debashreepadhi@gmail.com

Foundation Year: 2016

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack



Problem Statement

Lack of viable solutions for utilizing the farm-agri waste such as paddy straw.

Tech Brief

The startup has developed a process for manufacturing pellets from paddy straw and other farm waste with increased calorific value, which can be used as fuel. It has also developed a machine that can convert farm waste into pellets.

Product USP

List of buyers from which a supplier can choose strategically on the basis of their buying pattern to save sampling costs.



300+

Number of farmers benefitted



100+

Paid Customers



Biotez Arinovation Pvt. Ltd.

Agriculture for better Future
www.biotezagrinnovation.com

Founder: Dr. Shitarashmi Sahu

Email: shitarashmi.nitrkl@gmail.com

Foundation Year: 2020

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack



Problem Statement

Limited availability of organic input products for crop nutrient management.

Tech Brief

Production of multipurpose organic bio-manure from slag waste of steel plant as a carrier material.

Product USP

- Products are precisely formulated to provide targeted nutrients to the crops according to the soil climate and nutritional requirements.
- High minerals and protein values: (Ca, Al, Si, P, S, Fe & Mn).
- It can avoid soil burning as well as it work as a soil conditioner (increase yield by 10-15%).



100+

Number of farmers benefitted



200+

Paid Customers



Cislunar Janki Pvt. Ltd. (Sanitrust Biodegradable Pads)

Switch For Better- Switch to Sanitrust
www.sanitrustpads.com

Founder: Richa Vatsyayan

Email: cislunarjanki@gmail.com

Foundation Year: 2017

Location: Bihar

Incubated at: Indian Institute of
Technology, Kharagpur



Problem Statement

Lack of bio-degradable sanitary pads to minimize the environmental crisis occurring due to its accumulation.

Tech Brief

The startup has developed biodegradable sanitary pads with economical hygienic protection during the menstrual period.

Product USP

- Safe and secure menstrual protection
- Made of Banana by-product.
- Product speaks for "AatmaNirbhar Bharat"
- An indigenous product (SWADESHI)
- Sustainable and Eco Friendly Menstruation Hygiene Product



150+

Number of farmers
benefitted



1000+

Paid Customers



Adindistech Pvt. Ltd.

Sustainable Technologies Through Nanotechnology
www.adindistech.com

Founder: Gurumurthy Hegde
Email: adindistech@gmail.com
Foundation Year: 2018
Location: Karnataka
Incubated at: UAS, Dharwad

Problem Statement

Limited commercial applications of areca nut and highly volatile prices are major issues for areca nut farmers.

Tech Brief

The startup creates areca nut nanoparticles of carbon and uses them for floor cleaners.

Product USP

- Provides real-time price indices for Agri produce with prior trends.
- Direct connection between the buyer and seller based on multiple parameters enabling a better price realization at the first attempt.



100+

Number of farmers benefited



50+

Paid Customers



Aquabio Solutions LLP

Liquid is Life

Founder: Aathreya H.J

Email: aquabiollp@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of innovations and processes to use microbial and seaweed-based adjuvant material for plant protection.

Tech Brief

The startup provides organic & Inorganic based adjuvant material which is used for plant protection and increasing yield.

Product USP

The product is organic in nature.



50+

Number of farmers benefitted



30+

Paid Customers



Haridrekha LLP

The Green Veins

Founder: Seema Ganapati Hegde

Email: seemahegdekabbe@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of innovations or processes to manage areca nut husk, causes burning and significant pollution.

Tech Brief

The startup works on the conversion of areca nut husk into 'peat'- a nursery media mixture.

Product USP

Exploits the present trend of using soil-less media for pots & nursery bags, an alternative to the existing nursery media. The technology utilizes the wastage of areca nut plantations.



500+

Number of farmers benefitted



200+

Paid Customers



Bioman Technologies Pvt. Ltd.

Doubling Farmer Income
www.bioman.tech

Founder: Subbaiah T.S.

Email: subbaiah@bio-man.in

Foundation Year: 2016

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technologies to convert food waste into organic carbon.

Tech Brief

The startup has a Biotech solution to convert organic waste to Soil carbon

Product USP

Lowest cost model and 100% sustainable



200+

Number of farmers benefitted



1500+

Paid Customers



Capsber Global Agro Pvt. Ltd.

Prosper with us

Founder: Priti Khalkho

Email: preetx@gmail.com

Foundation Year: 2022

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

“The black spot” – the bacterial blight of pomegranate is a *Xanthomonas* infection – reoccurs & transmits easily hence persists in infected fields and spreads to nearby fields causing 60% to 80% loss in yield

Tech Brief

The startup provides a compatible ready to use Bio-formulation of bacterial strain with plant extract oils

Product USP

Disease suppression (60-70%) with yield increase (40%) and plant growth promotion (20-40%)





Divya Agros

A step towards Sustainable future.

Founder: H K Sreegangaiah

Email: divyagros@gmail.com

Foundation Year: 2015

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technology for addressing low oxygen level in ponds and lakes.

Tech Brief

The startup uses a natural humic substance from vermicompost- AI-enabled IoT system to control, Irrigation, nutrition, ambiance, and pest and disease control

Product USP

- Contains naturally available substances, nutrients, and mineral in trace or more amount providing all-round growth
- In case of foliar application energizes cell growth providing healthy plant overall plant growth and higher crop yield.
- Increases crop tolerance to abiotic stress.
- Improves soil texture, fertility, and microbial flora.



20000+

Number of farmers benefitted



15000+

Paid Customers



Pan India

Geographical Coverage



Krimmi Biotech LLP

Fuel INDIA: Energize the Nation
www.krimmibiotech.com

Founder: Deepak Bajantri

Email: deepak.bajantri@gmail.com

Foundation Year: 2016

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The disposal of sludge semisolid waste increases the crisis of environmental hazards.

Tech Brief

The startup deals with the process of conversion of Waste sludge Palm oil (SPO) into Biodiesel and high-value Biolubricants.

Product USP

- Products are easy to manufacture.
- The raw material will be available at minimal cost and the setup for transportation and storage will be established during the validation of products



200+

Number of farmers benefited



100+

Paid Customers



PIANTA Blossoms

Beautifying without compromising nourishment of your skin

Founder: Jaini Dipenkumar Shah

Email: jaini201213@gmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat



Problem Statement

Lack of natural plant based cosmetic and artificial accessories.

Tech Brief

Startup is manufacturing beauty products and accessories such as artificial nails from the waste seeds of moringa plant and other plant sources.

Product USP

- Eco-friendly product.
- Safe to be used by kids (8-15 years of age).
- Plant based products made of floral colours, vegetable colours, seed shells etc.



200+

Number of farmers benefitted



30+

Number of products in the market



2000+

Paid Customers



Masabi Agri-Tec LLP

With the help of Biotechnology we have transformed agriculture wastes to different form of usable products.

Founder: Anil Satapathy

Email: anilsatapathy9@gmail.com

Foundation Year: 2021

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

Lack of viable options for utilization of agricultural waste.

Tech Brief

Startup is utilizing agricultural waste to grow mushroom spawns using controlling processing techniques and biotechnological interventions to meet specific structural and functional requirements.

Product USP

Low cost, environment friendly and bio-degradable.



50+

Number of farmers benefitted



200+

Paid Customers



Nemkarsh

Bloom To Infinity
www.nemkarsh.com

Founder: Nidhi Arvindbhai Kalola

Email: nidhikalola699@gmail.com

Foundation Year: 2019

Location: Gujarat

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

Lack of utilization of by-products of food processing such as mango kernel, which are discarded as waste.

Tech Brief

The company is processing mango kernels to manufacture products such as the dried mango kernel and mango kernel powder, which have utilization in the pharmaceutical industry, as well as salted mango kernels for the consumers.

Product USP

- Mango kernel has significantly higher (10-100 times more) nutritional value than mango pulp. 10 gm of protein, 15 gm of fat, 70 gm of carbohydrate and 2 gm of fibre per 100 gm. 30 µg of Vitamin B12 is present in 100 gm of kernel, which can be said highest than other vegetarian food.
- It also contains Vitamin C, K, and E and macro and micro nutrients like N, P, K, Mg, Fe and Mn.
- Kernel contains essential amino acids such as Mangiferin.



50+

Number of farmers benefitted



500+

Paid Customers

Beond splash™
Solutions for Plant And Soil Health

Beond Splash

Solutions for Plant And Soil Health
www.beond.in

Founder: Dr. Sheshagiri R Gubbi

Email: sheshagiri@beond.in

Foundation Year: 2018

Location: Karnataka

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

Lack of knowledge and resources to farmers for organic and sustainable farming practices and inputs.

Tech Brief

Startup is providing sustainable farming technologies focussed on soil health through bio-organic inputs, adaptable farm practices, and conversion of locally available resources to the farmers.

Product USP

- Bio-organic technologies for soil and plant health.
- Better quality farm produce without sacrificing yield levels.
- Beond splash is a centre with model farms, farmers training modules, constant advise



8 States

Geographical Coverage



350+

Paid Customers



200+

Number of farmers benefitted



06

Number of products in the market



Forecast Agrotech Innovations Pvt. Ltd.

Jeevanu Yukta Matitun Vishmukta Shetikade
www.forecastagrotech.com

Founder: Santosh Sahane

Email: forecastagrotech2018@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Limited availability of natural non-chemical based agri input products in the market.

Tech Brief

Startup is manufacturing Bio-Slurry from the sludge produced by anaerobic digestion of dairy farm waste (e.g. cow dung and urine), which is used as bio-fertilizer in the farm.

Product USP

- Liquid Bio-slurry made by enriching dairy farm waste with useful microbes in Biogas Digestors equipped with IoT Temperature and pH sensors.
- Solid Manure (PROM - Phosphate Rich Organic Manure) by co-composting solid part of sludge with rock phosphate.
- Bio-slurry is free from E.coli & Salmonella like pathogens which can be a threat to humans.
- Enriched bacteria helps to uptake nutrients from soil which reduces the use of chemical fertilizers and enhance the soil fertility and productivity.



7000+

Number of farmers benefitted



4000+

Paid Customers



7 States

Geographical Coverage

Vishwa Natural Fab Prints

Founder: Dr. A. Sarada Devi

Email: sharadadevi_2000@yahoo.com

Foundation Year: 2021

Location: Telangana

Incubated at: Central Institute for
Research on Cotton Technology

Printed Dress materials



Problem Statement

The traditional natural dye printing is a lengthy and slow process with few designs and colours. Limitation of producing high volumes, mostly applicable to natural fibre fabrics. At present synthetic dye is used partly in all traditional natural dyed/printed fabrics.

Tech Brief

Sustainable natural dyed and direct printed textiles by adopting materials and processes that do not cause pollution and help in protecting the environment.

Product USP

Eco friendly, one step process, high colour fastness, suitable for high volume production



150+
Paid Customers

Navkruti Industries

Founder: Meena Manik Gaikwad

Email: ritzminol@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Lack of sturdy, natural flower dye based fabrics in the market.

Tech Brief

Manufacturing garments with natural dyes extracted from agri-waste with high washing fastness.

Product USP

Ecofriendly, good washing fastness



1000+

Number of farmers
benefitted



2500+

Paid Customers

Douce Solution LLP

Founder: Anirudhdha Balwan

Email: anidfeit@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Lack of utilization of mango kernels which are discarded as waste of the mango pulping industry.

Tech Brief

Mango butter extracted from mango kernels and used to make skin cream as an alternative to imported cocoa.

Product USP

Same properties as Cocoa butter, Cost effective



800+

Number of farmers benefitted



4000+

Paid Customers



FNV Agro Pack LLP

Unlocking the Agro Residue Potential

Founder: Sandip Nikam

Email: sandeep.projectagro@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Lack of alternatives to plastic based cutlery products.

Tech Brief

Manufacturing table wares and decorative wall panels using banana fibers.

Product USP

100% bio degradable, no chemical used, easy for workmanship



100+

Number of farmers
benefitted



1500+

Paid Customers

Siddaganga Bio Products

Founder: Vijay Hirejagnar

Email: siddagangabioproducts@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Absence of alternative uses for Areca sheath which are a waste/by-product of Arecanut processing.

Tech Brief

Manufacturing plates in different sizes and shapes made out of Arecanut sheaths which are biodegradable.

Product USP

100% Biodegradable, UV treated for sterilization, perfectly suitable for liquid foods



1000+

Number of farmers
benefitted



5000+

Paid Customers



Udayprastha Industries

Quality in every fold

Founder: Pratik Gaikwad

Email: pratikg425@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Central Institute for Research on Cotton Technology

Problem Statement

Lack of viable alternatives to single use plastic bags.

Tech Brief

Developing paper bags with recycled yarn reinforcement having 5 time more strength than a normal paper bag.

Product USP

Made out of recycled material, degradable, stronger, water resistant



200+

Number of farmers benefitted



100+

(recurring B2B customer)

Paid Customers



Aspartika Biotech Pvt. Ltd.

Rejuvenating Lives
www.aspartika.com

Founder: Srinivas B V

Email: shrinivasan.v.bandlamori@gmail.com

Foundation Year: 2015

Location: Karnataka

Incubated at: National Institute of Veterinary
Epidemiology and Disease Informatics
(NIVEDI), Bengaluru



Problem Statement

Absence of ways to utilize the silkworm pupa which is a waste generated during the processing of silk.

Tech Brief

Developed a technology based on Supercritical Fluid Extraction for processing of silkworm pupa into high value pharmaceutical grade Omega-3 Fatty Acids and the leftover de-oiled cake is used as a rich protein supplement in the poultry and aqua industries.

Product USP

Completely reclaiming and utilizing silkworm pupa which is an untapped cheapest and richest source of Omega 3 Fatty Acids.



1450+

Number of farmers benefitted



30

Number of products in the market



2000+

Paid Customers



Bhojpatta Agripreneur Pvt. Ltd.

Connect with Nature and Culture

Founder: Nitish Kumar

Email: nitishcanbank@gmail.com

Foundation Year: 2021

Location: Bihar

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of alternatives for Single Use Plastic products like plates, bowls, cups, straws etc.

Tech Brief

Developing biodegradable products by processing banana bark.

Product USP

Eco-friendly product



800+

Number of farmers benefitted



10

Number of products in the market



500+

Paid Customers



Epya Biotech LLP

Ideate. Invent. Innovate.

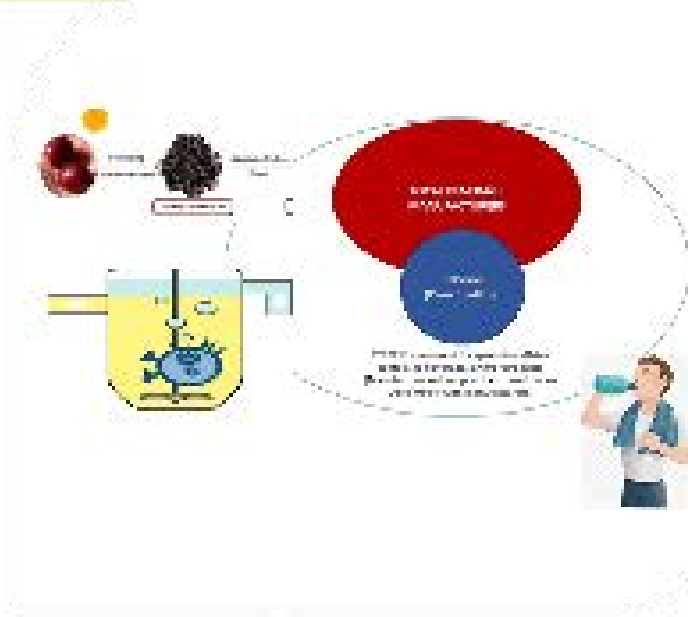
Founder: Avinash Kumar

Email: epyasales.services@gmail.com

Foundation Year: 2022

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

High cost of production of natural caffeine and lack of utilization for waste by-products of the process such as cascara.

Tech Brief

Developed a technology to process natural caffeine from by-products of coffee bean processing such as cascara, hulls, and cell cultures.

Product USP

Cost effective production of natural caffeine from inexpensive by-products.



50+

(Under testing phase)

Number of farmers benefitted



Krishi Sai Ekatha Pvt. Ltd.

Centre for production of Bio-control agents (Microbials), Novel Vermicompost products, urban pest management, R&D, and Training.

<http://krishisaiekatha.com/index.html>

Founder: Dr. Gayathri Devi S. S.

Email: gayathrisguddi@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of natural integrated pest management solutions.

Tech Brief

The startup has developed input products using biocontrol agents (Microbials) to control the agriculture pests in the farm.

Product USP

- Biocontrol agents (Microbials) – predators and parasitoids are organism that eat/spend a significant portion of their life on host organism in a relationship where the host is ultimately killed.
- Enriched vermicompost for organic farming.
- Proven field efficacy in management of different types of agriculture pests led to the progress of organic agriculture in India.
- Production technology is cheaper and stable in virulent quality.
- Easy to transport across India with very minimum damage of live insect.



1500

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



SIM Organics Pvt. Ltd.

Moving Towards Organic Life

www.simorganics.net

Founder: Dr. Menaka M

Email: menaka.bhaaru@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Loss of upto 40% of nitrogen fertilizers applied to the soil due to volatilization, runoff and competition from other crops and weeds.

Tech Brief

Producing concentrated foliar biofertilizer in the form of capsules with longer shelf life and is easy to handle.

Product USP

- Higher Concentration
- Targeted action
- Easy Storage and Transport
- Easy application



5000+

Number of farmers benefitted



08

Number of products in the market



2500+

Paid Customers

Vaatika Agro Service

High quality vegetable and flower seedlings

Founder: Vivek Sharma

Email: kevivsharma83@gmail.com

Foundation Year: 2018

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

Problem Statement

Unavailability of good quality genetic planting material for farmers of Jammu and Kashmir.

Product USP

Genetically rich high quality seedling developed with soilless media like coco peat and vermicompost which greatly eliminates soil born diseases.

Tech Brief

The startup is developing high quality seedlings in controlled environment with the use of poly-house/ low tunnels/net house.



250

Number of farmers benefitted



07

Number of products in the market



100+

Paid Customers



Himalaya Bioplants

Production of high quality & disease free foundation seed of potato through aeroponic with in a short period of time.

Founder: Sandeep Kumar Sharma
Email: sandeephimachali@gmail.com
Foundation Year: 2020
Location: Himachal Pradesh
Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Limited availability of healthy & disease-free seeds for potato and other tuber crops in the Himalayan region.

Tech Brief

The startup is growing seeds of tuber crops such as potato by using a sensor & timer based aeroponics system and making these seeds available to the farmers in Himachal Pradesh.

Product USP

- Production of Healthy & disease-free potato minituber.
- Using underground growboxes.
- Crop duration and quality of minituber has increased in the aeroponic unit



500+

Number of farmers benefitted



08

Number of products in the market



200+

Paid Customers

Biofluence LLP

Substrate seed production with export standard

Founder: Mayur R Kulkarni

Email: biofluence@outlook.com

Foundation Year: 2020

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of balanced alternatives to unhealthy seed production methods.

Tech Brief

Substrate seed production through a well-balanced computerized nutrition management within protected net house cultivation.

Product USP

Fixed market price, improved mechanization & digitization in agronomy, foreign exchange, economical production, contract farming with employment at village level



200+

Number of farmers benefitted



100+

Paid Customers



Doctor Jothi HHCC

Herbal and Bio based product

Founder: GandhiGopalakrishnan

Email: doctorjothil@gmail.com

Foundation Year: 2018

Location: Tamil Nadu

Incubated at: Tamil Nadu Agricultural University, Coimbatore

Problem Statement

Lack of innovation for easy planting of seedlings.

Tech Brief

Startup has developed an innovation called Bio Seed Roll that is a blend of natural ingredients and is available in the form of small rolls making it easy to plant seedlings.

Product USP

Blend of herbs, enzymes, bio-fertilizers, bio-pests, and neem powder.



2000+

Number of farmers benefitted



1000+

Paid Customers

06

AGRICULTURE ALLIED SERVICES

Allied sector comprising dairy, fisheries, horticulture
and sericulture.





Aamhi Shetkari Agritech Pvt. Ltd.

We bring latest innovative technologies to Farmer's doorstep

www.indiamart.com/aamhishetkariagritech/

Founder: Amol Balasaheb Shirgire

Email: aamhi.shetkari@gmail.com

Foundation Year: 2014

Location: Maharashtra

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

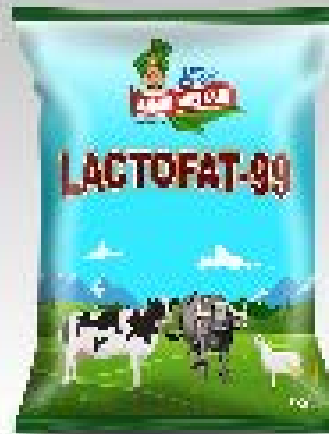
Most Indian Calves are undernourished as they are fed small amount milk at early stage of life, which hampers their reproductive cycle along with milk yield. Hence there is a need of alternative feed for the calves.

Tech Brief

The startup has developed a Calf Milk Replacer which is nutritionally balanced, cost effective alternative animal feed solution for young calves aged between 8 days to 150 days.

Product USP

- It helps in reduction of feeding cost of young calves by 50 to 70%
- It helps in early maturity of female calves within 18 months of age to attain productive age
- It helps to achieve targeted weight gain in case of beef calves.
- It prevents transfer of contagious diseases from mother to calf.



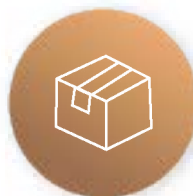
Pan India

Geographical Coverage



3400

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Aegipan Animal Biocare Pvt. Ltd.

Enabling Livelihood Creation Through Tech Enabled Animal Husbandry
www.aegipan.in

Founder: Kalyan Koley

Email: kalyan@aegipan.in

Foundation Year: 2018

Location: West Bengal

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Inbreeding of goats causing unhealthy off-springs with genetic defects and limited access to alternative healthy breeds.

Tech Brief

Startup provides large scale Artificial Insemination (AI) services of indigenous goat breeds for breeding healthy off-springs, preserving good germplasm and improving farmer's income.

Product USP

- Lab to land approach with highly efficient semen collection to insemination process.
- Grading up of Bengal goats and employment generation with the introduction of AI.
- MoU with ICAR Central Institute For Research On Goats for development of technology.



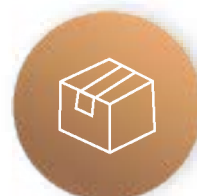
8 States

Geographical Coverage



250000

Number of farmers benefitted



10

Number of products in the market



1000+

Paid Customers



Chimertech Pvt. Ltd.

Towards One Health Sustainability
www.chimertech.com

Founder: Dr. Ragul Paramasivam

Email: ragul.paramasivam@chimertech.com

Foundation Year: 2021

Location: Tamil Nadu

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Absence of a device for early detection of Subclinical Mastitis in the dairy industry.

Product USP

- Detects Sub Clinical Mastitis at very early stage (200,000 Somatic Cells/ml)
- 100% sensitivity and specificity with gold standard (Somatic cell count)
- Reagent free detection of subclinical mastitis – No Recurring cost and No consumables or any hidden cost.
- Battery operated, Waterproof and highly portable for field use.
- Avoids Milk loss by 50 to 80%
- Immediate results (10 Seconds) and doesn't require any expertise
- Rental Model with AI technicians and para veterinarian offers village level entrepreneurship opportunities.

Tech Brief

Developed a device for very early detection of subclinical mastitis in cattle, thereby reducing cattle death and increasing milk production.



1000+

Number of farmers benefitted



100+

Paid Customers



7 States

Geographical Coverage



Dhenoo Tech Solution Pvt. Ltd.

Power to Farmers
www.dhenoo.com

Founder: Santosh Devidas Khawale

Email: info@dhenoo.com, skhawale@dhenoo.com

Foundation Year: 2019

Location:

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Unorganized nature of dairy farming with lack of knowledge, best practices, advisory, unorganized animal trading, and lack of connectivity with stakeholders (input supplies, veterinary services, progressive farmers etc.)

Tech Brief

Startup has developed a “Smart phone-based digital platform” providing updated knowledge, animal trading facility, ongoing advisory, network of ecosystem stakeholders, awareness of products/services through advertisements, proactive insights and animal management tool with local language support.

Product USP

Local language platform: eliminates language barrier
Smart and proactive animal management tool
Free advice from domain experts and experienced farmers
Knowledge bank equipped with practically applicable articles and videos
Easy access to network products and services



45000+
Number of farmers benefitted



10000+
Paid Customers



M-Lense Research Pvt. Ltd.

A Dairy-Tech Startup-Company Working in the field of rapid milk adulteration testing.

www.mlense.in

Founder: Dhruv Tomar

Email: dhruv@mlense.in

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of portable solution for milk adulteration testing.

Tech Brief

Startup makes a portable milk adulteration testing card that detects milk adulterants in a sample and gives instant result.

Product USP

- Easy to Carry in a wallet or pocket.
- No chemical knowledge is required.
- Instant result.
- No Laboratory Set-up Required
- Disposable or Biodegradable.
- No Electricity is Required.
- Its indication meter helps to find out the percentage of adulterants mixed in the milk.
- 6 tests at a time.



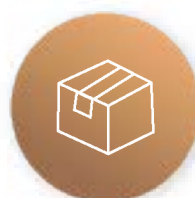
Pan India

Geographical Coverage



5000+

Number of farmers benefitted



09

Number of products in the market



25000+

Paid Customers



Salutem Ridegear Apparels Pvt. Ltd.

Agritreat Multi functional Organic spray for all agriculture and horticulture produce

www.agritreatIndia.com

Founder: Bhavishya Devgun

Email: bhavishyadevgun@gmail.com

Foundation Year: 2017

Location: Delhi

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu



Problem Statement

Limited availability of chemical free and natural fertilizers.

Tech Brief

Developed a multifunctional organic liquid spray made of natural oil and herb extracts which provides essential nutrients to the plants and also repels the pests.

Product USP

- Eco-friendly, multifunctional, and chemical free liquid spray.
- Increases the yield and reduces the dependence of chemical fertilizers.



15 States

Geographical Coverage



1000+

Number of farmers benefitted



2000+

Paid Customers



Livecow LLP

Vet 24x7: Animal Doctor & Marketplace

Founder: Dipshikha Datta

Email: dipshikhadutta.net@gmail.com

Foundation Year: 2022

Location: West Bengal

Incubated at: IIT – BHU, Varanasi

Problem Statement

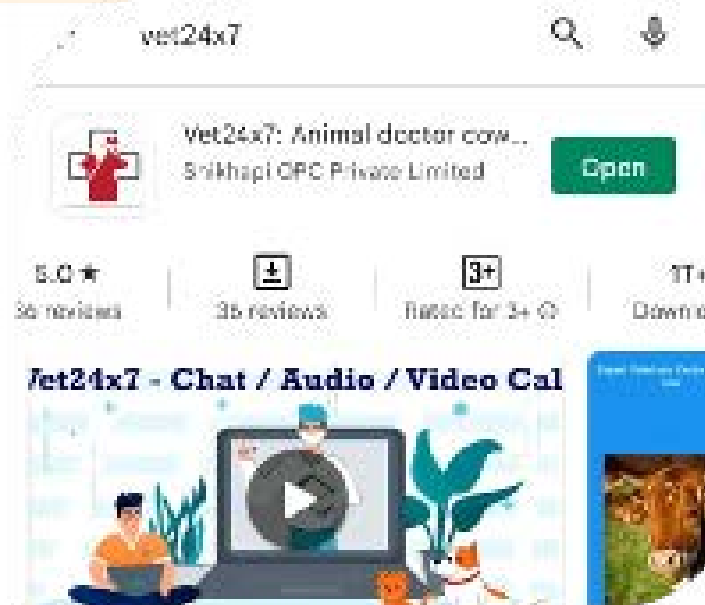
Lack of experience Artificial Insemination workers and transportation dependence to Bazar's in the present animal exchange system.

Tech Brief

The startup is providing android based online veterinary services with trained AI workers.

Product USP

Access of AI worker and para-vet and Reliable Veterinary Advice in few minutes



3500+

Number of farmers benefitted



1000+

Paid Customers



Pan India

Geographical Coverage



Kisanmandi Online Agri Market Pvt. Ltd.

Sabko Sahi Mol
www.kisanmandi.com

Founder: Rajesh Kumar Kadian

Email: rkkadian@gmail.com

Foundation Year: 2016

Location: Haryana

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

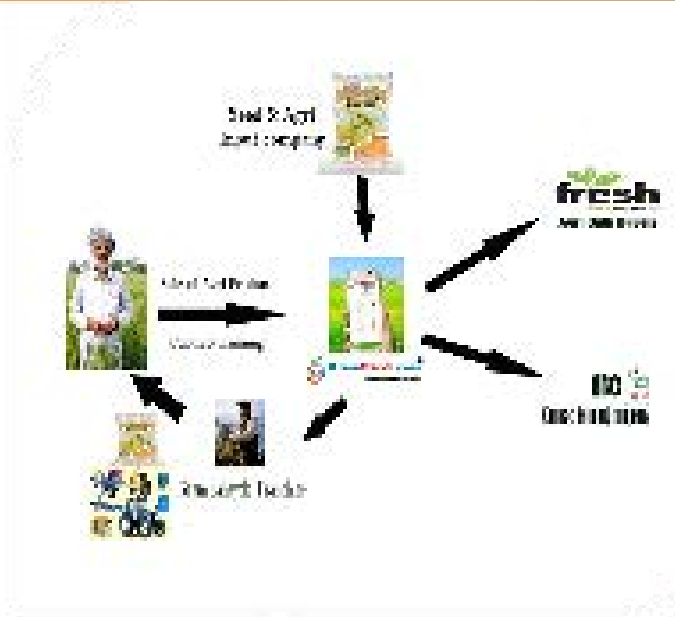
Lacking e-market linkage for farmers where they can get the best price for their crops.

Tech Brief

Startup has developed an e-commerce platform KisanMandi.com with offline field support of Gram Sahayak to farmers & FPOs to sell their produce at an optimum price.

Product USP

Readymade Channel for Buyers, Companies, Govt., Start-ups



10000+
Number of farmers benefitted



1000+
Paid Customers



Pan India
Geographical Coverage



Krimanshi Technologies Pvt. Ltd.

Producing animal feeds from food, fruit and vegetable wastes

www.krimanshi.com

Founder: Nikhil Bohra

Email: nikhil@krimanshi.com

Foundation Year: 2015

Location: Rajasthan

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of mechanism for converting food waste into nutritive animal feed.

Tech Brief

Cattle feed prepared from farm and food residues to boost productivity and immunity of cattles at competitive prices.

Product USP

- Fortified with food residues
- Improves digestibility and productivity of cattle



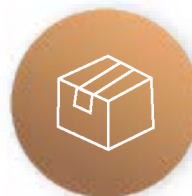
5 States

Geographical Coverage



50000+

Number of farmers benefitted



08

Number of products in the market



10000+

Paid Customers



Bee Basket Enterprises Pvt. Ltd

Forever with bees
www.beebasket.in

Founder: Amit Godse
Email: amit.godse@beebasket.in
Foundation Year: 2016
Location: Maharashtra
Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- The declining indigenous honey bee population in farm land is hampering cross-pollination, thus threatening food security and causing environmental dis-balance.
- Traditional bee keepers primarily use European honey bees whose main goal is honey production and not cross-pollination.

Tech Brief

The startup offers indigenous stingless bee varieties (*tetragonula irridipennis*) based cross-pollination services to farmers to increase farm yield (quality & quantity).

Product USP

- Promoting Indigenous Stingless Bee varieties as pollinating agent.
- Extremely small size, hence they can even pollinate smaller flowers like mangoes.
- Less foraging range around 400 m, so pesticide impact is minimal on the bees.
- 12 months floral chart.
- Renting out stingless bees for different crops during the flowering season.
- Only stingless bees work inside poly houses.



500+

Number of farmers benefitted



1500+

Paid Customers



VertoX Labs Pvt. Ltd.

Intelligent and responsible technology solutions
for tomorrow's world

Founder: Salomi Dabral

Email: salomi@vertoxlabs.com

Foundation Year: 2021

Location: Orissa

Incubated at: Pusa Krishi, ICAR – IARI, New
Delhi

Problem Statement

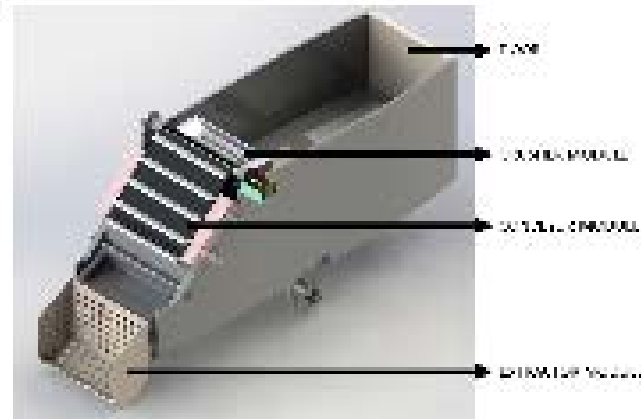
Absence of a viable solution for utilization of aquatic weed.

Tech Brief

The startup is building an AI-IoT enabled device 'Plashbot' which can harvest aquatic weeds with minimal human intervention. These weeds can be dehydrated to become a raw material for biocompost or animal feed. The device has the ability to crush the weeds thereby increasing the biomass payload carrying capacity. The device comes with fumigation and biofloc spray modules that can help kickstart water body restoration process.

Product USP

- Easy to assemble and deploy.
- Dehydration of weeds to reduce moisture content to under 5%, thus also reducing the cost of transportation in comparison to weed with high moisture content.
- Reduction in Capital Expenditures and Operating Expenses.





Dong Valley Creations Pvt. Ltd.

Good for you and good for the planet
www.beyondarie.com

Founder: Mohit Narru

Email: mohit.narru@dongvalley.com

Foundation Year: 2020

Location: Assam

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

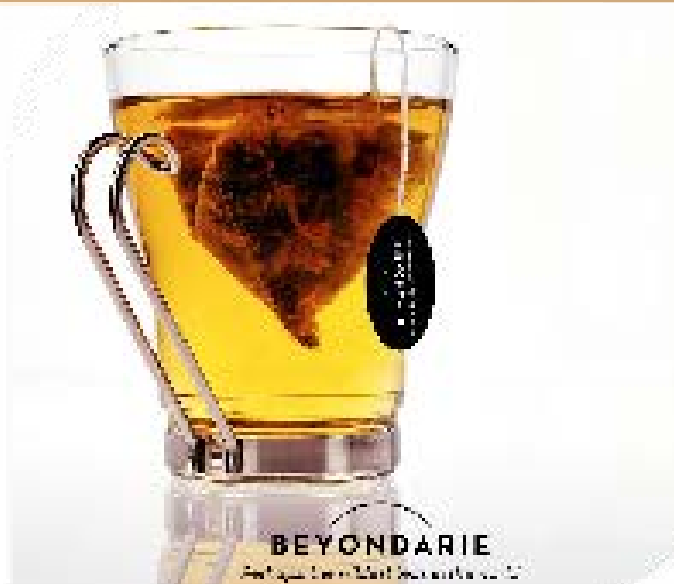
Lack of market access to wild tea varieties of north-east India.

Tech Brief

The startup has developed an e-commerce platform that sells wild tea varieties to consumers. These wild teas are collected from the forests of Assam with the help of natives thereby providing employment to them.

Product USP

- Natural and wild tea varieties hand-picked from the forests by natives.
- Chemical and pollution free.
- Blended with indigenous spices & herbs like Lakadong Turmeric, Karbi Ginger etc.



Pan India

Geographical Coverage



2000+

Number of farmers benefitted



35

Number of products in the market



250000+

Paid Customers



Ethno Mushroom Spawn Laboratory (EMSL)

Grown Mushroom with High Yield

Founder: Dr. Jaya Singh

Email: dr.jayasingh@yahoo.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

Lack of reliable spawn production is a limiting factor for the development of the mushroom industry. Absence of enterprises that could supply spawn to local small and large-scale mushroom growers, organizations to encourage mushroom industries in India.

Tech Brief

The startup has developed a novel technology for spawn production by using agri-waste without the incorporation of edible food grains and supplying quality spawn to local small and large-scale mushroom growers at affordable cost.

Product USP

- Vigorous and high yield potential
- Reduction in time of the mushroom cycle.
- Less chance of contamination
- Improved shelf life
- Better economic benefit
- Mushroom culture undergoes strain improvement in every three months



1000+

Number of farmers benefitted



250+

Paid Customers



Ingress Biosolutions Pvt. Ltd.

Transforming agriculture for healthy life
www.ingressbiosolutions.in

Founder: Prasant Kumar

Email: prasantmmb@gmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

- Low yield in organic farming as production depends upon organic matter input as well as pest and disease control. Due to usage of chemical fertilizers, health hazards are occurring in the consumers.
- Chitin is a waste product and chemical based methods to overcome chitin waste are causing environmental pollution while being uneconomical.

Tech Brief

The startup has developed a low molecular weight chitin derived product that acts as a natural biostimulant and crop protectant. The technology improves crop yield by 18%-42% and reduces soil borne pathogens infection by 20%-40%.

Product USP

- Single Product Multifunctional Uses at different stages of crops
- It protects the seeds, seedling, plant, even during early fruiting and prevent loss during post harvesting
- Act as biostimulant and Boost immunity of Plants



6 States

Geographical Coverage



1000+

Number of farmers benefitted



10

Number of products in the market



150+

Paid Customers



ThinkRaw India Pvt. Ltd.

We are a women enterprise promoting clean energy and smart technology interventions for Agri and aquaculture sectors

www.thinkrawindia.com

Founder: Minushri Madhumita

Email: thinkrawindia@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Pusa Krishi, ICAR – IARI, New Delhi

Problem Statement

High morbidity rate in fish and prawn farming due to inability to monitor Dissolved Oxygen level, pH level, non-uniform distribution of feed among.

Tech Brief

The startup's product, Dhivara Mitra, is a solar powered, IoT enabled and integrated floating solution for fish and prawn farming. It would help in the uniform distribution of feed, maintain uniformity in the Dissolved Oxygen level in the entire water body and also help keep the pH level within the desired level.

Product USP

It is solar powered and it helps maintain uniformity in the DO level and maintain pH level.



100+

Number of farmers benefitted



20+

Paid Customers



Verdant Impact Pvt. Ltd.

Founder: Manish Kumar

Email: manishk.jaipur@gmail.com

Foundation Year: 2022

Location: Rajasthan

Incubated at: Pusa Krishi, ICAR – IARI,
New Delhi

Problem Statement

Lack of online delivery platforms for veterinary inputs. Lack of technical intervention in animal husbandry to support the farmer with all medical and transactional processes.

Tech Brief

The company is providing an online one-stop solution for all medical, credit, insurance, certification and sales related animal husbandry needs of a farm or farmer.

Product USP

Computer vision based livestock healthcare, Biometric ID for Cattles, Certification and Cattle lending.



1000+

Number of farmers benefitted



200+

Paid Customers

Manukrishi Pvt. Ltd.

Where The Innovation Comes First

www.manukrishi.com

Founder: Mansi Sharma

Email: mansi.sharma.0597@gmail.com

Foundation Year: 2020

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu



Problem Statement

Limited availability of natural cattle feed supplements.

Tech Brief

Startup has developed a novel and cost-effective cattle feed supplement which helps increasing the bioavailability in calves/cattle.

Product USP

- Free from chemicals.
- Improves udder health and helps control Mastitis.
- Decreases the feed consumption ratio.
- Also provides the environmental benefits by reducing CO₂ and Methane emissions from the cattle.



100+

Number of farmers benefitted



50+

Paid Customers



Mycogrow Organic Pvt. Ltd.

Oyster mushroom production

Founder: Mohd. Asif

Email: mycogrow.organic@gmail.com

Foundation Year: 2021

Location: Jammu and Kashmir

Incubated at: Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

Problem Statement

Unavailability of Oyster mushroom all year around along-with bitter taste/peculiar odour of Oyster Mushroom.

Tech Brief

The startup is producing oyster mushrooms by using tech-enabled environment control setup inside the incubation and harvesting rooms.

Product USP

- Year around production
- Taste better without odour
- Increased shelf life



500+

Paid Customers



Botanic Honey

Let the bees make honey

Founder: Jaswant Singh

Email: info@botanichoney.com

Foundation Year: 2020

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

- Limited technological innovations in apiculture thus low motivation for farmers to have variety products like bee wax, apart from honey.
- Unavailability of easy to adopt technological solutions that allow the farmer to adopt ancillary activities such as bee-keeping apart from core-agriculture activities.

Tech Brief

Startup has developed an automatic comb foundation mill for making bee wax sheets which saves the honey & energy of honey-bees as well as increases the honey production.

Product USP

- Saving upto 7.5kg of honey & time while increasing the production rate.
- Using drone bees instead of mother wax bees.
- Comb doesn't get destroyed while extracting honey.



1000+

Number of farmers benefitted



500+

Paid Customers



PKS Bee Farm

King of Queen Bees

Founder: Kulwinder Singh

Email: kulwinderbenipal005@gmail.com

Foundation Year: 2019

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

The quality of commonly used queen bees is inferior in egg laying capacity and it takes long time to produce quality queen bees.

Tech Brief

The startup deals with production of quality queen bees rearing by selective selection and breeding helping bee keepers in increasing production of honey, royal jelly, bee pollen and bee wax.

Product USP

- Queen bees can tolerate extreme conditions, results in better yield of honey
- Saving time of bee keepers in producing queen bees
- Higher egg laying capacity



200+

Number of farmers benefitted



100+

Paid Customers



MTI Bee Farm

Feed the Bees

Founder: Tejinder Singh

Email: tsbanipal@gmail.com

Foundation Year: 2019

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Extreme weather affects bees and honey production upto 70% in off-season, affecting the efficiency in pollinating season.

Tech Brief

The startup is manufacturing super feed for bees that can save their lives during off season and harsh weathers.

Product USP

- Bees can survive harsh weather conditions
- Increases honey and bee production



150+

Number of farmers benefitted



100+

Paid Customers



Sadabahar Greens Pvt. Ltd.

www.urbanplants.co.in

Founder: Shishir Agrawal

Email: sadabahargreens@gmail.com

Foundation Year: 2020

Location: Delhi

Incubated at: Punjab Agricultural University, Ludhiana



Problem Statement

Unorganized gardening market and lack of quality advisory support to urban gardeners.

Tech Brief

The startup has developed a Portable Vertical Farming system with inbuilt composter which can be remotely monitored and controlled.

Product USP

- Allows users to grow their own organic vegetables in limited spaces as well with option to make their own compost
- A self-sustainable micro farm, equipped with Grow Lights and Drip Irrigation
- Technology to monitor plant requirements
- Real time access to the expert consultation



2500+

Paid Customers



Pan India

Geographical Coverage



Him AquaFarmers

Complete aqua solutions

Founder: Karun Kumar

Email: kbhatedia@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of innovations in fish pond to avoid the damage of fingerlings and adult fishes due to wild animals, birds and reptiles.

Tech Brief

The startup makes modified artificial fish tanks that take less land for the setup, with the provision to maintain the temperature of tank water in hilly regions in winters and obstruct wild animals, birds, and reptiles from entering the ponds for preying on fish and fingerlings.

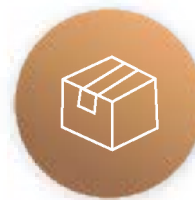
Product USP

- Suitable for Himalayan Region
- Affordable price



300+

Number of farmers benefitted



07

Number of products in the market



200+

Paid Customers



Snehlata Milk Products LLP

Pure & fresh cow milk and milk products

Founder: Snehlata Sharma

Email: sujneh@gmail.com

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Lack of proper local milk collection system and unavailability of pur cow milk in the market.

Tech Brief

The startup promotes a milk collection system in rural Himachal by collecting fresh milk from local farmers, chilling it to 4 degrees, packaging it, and then distributing it.

Product USP

- Exclusive cow milk products
- 100 % pure
- No additives



100+

Number of farmers benefitted



07

Number of products in the market



800+

Paid Customers



Greenwhite Farm Foods LLP

From soil to soul
www.totheroots.in

Founder: Manoj Kashyap

Email: mk@totheroots.in

Foundation Year: 2021

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur

Problem Statement

Unavailability of fresh and good quality milk at consumer doorstep

Tech Brief

The startup provides natural, fresh, unadulterated milk to urban households packed in glass bottles, delivered at the doorstep within 18 hours of milking.

Product USP

- Doorstep delivery
- 100 % natural
- Fresh & unadulterated cow milk
- Delivery to urban households within 18 hours of milking



100+

Number of farmers benefitted



500+

Paid Customers



Shivalayan Nursery Pvt. Ltd.

Hi -tech horticultural nursery

Founder: Arjun Singh

Email: 86aarjun@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

The lack of quality and standard planting material in the market and existing production is unable to fulfil the demand of the planting materials.

Tech Brief

The startup procures and maintains required mother planting material, mass multiplies truthful leveled planting material, and makes it available at an affordable price to the customers.

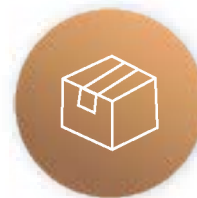
Product USP

- Quality planting material.
- Cheap guaranteed quality material at affordable price.
- Whole hearted hand hold services till the satisfaction of the customer.



2000+

Number of farmers benefitted



09

Number of products in the market



1500+

Paid Customers



Verma Mushroom House

Pure organic farming

www.vermamushroomhouse.com

Founder: Jagdish Chand

Email: jagdish485chand@gmail.com

Foundation Year: 2022

Location: Himachal Pradesh

Incubated at: CSK Himachal Pradesh
Krishi Vishvavidyalaya, Palampur



Problem Statement

Prevailing resistance among farmers to cultivate shiitake due to diverse reasons.

Tech Brief

The startup promotes the growth of Shiitake mushrooms in hilly areas which have medicinal values and are not available locally. It also provides other varieties of mushrooms.

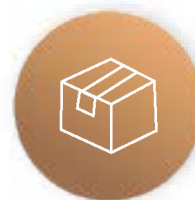
Product USP

- 100% organic
- Boosts the immune system
- Lowers blood cholesterol levels
- Contains anti-aging agent



500+

Number of farmers benefitted



07

Number of products in the market



2000+

Paid Customers



Exflair Trade Pvt. Ltd.

Innovative use of Biotech in RAS Fish Farming
www.exflair.com

Founder: Chetan Kashyap
Email: info@myshaivi.com
Foundation Year: 2016
Location: Karnataka
Incubated at: IIT – BHU, Varanasi

Problem Statement

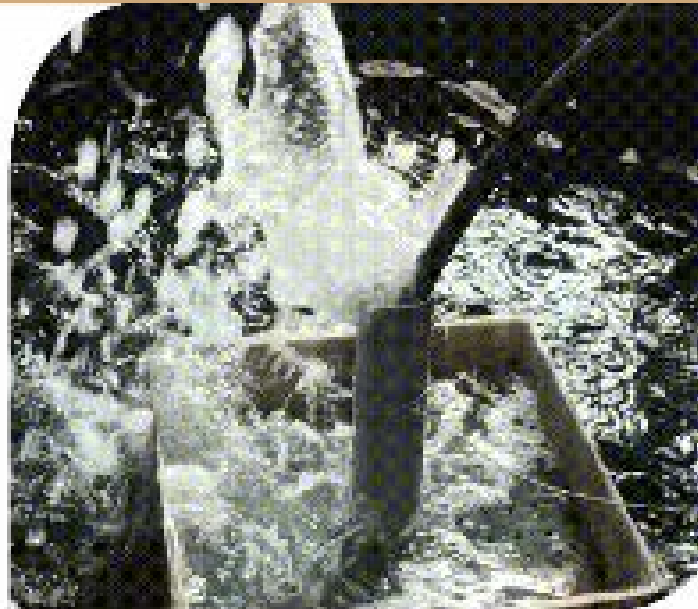
Traditional fish farming consumes large water resources and is prone to diseases and low yield. The existing Recirculating Aquaculture System (RAS) is not viable as it needs HUGE Investment & HIGH Run Cost.

Tech Brief

The startup uses RAS in which Fish is being farmed on land-based fish tanks where water is recycled through a series of filtration system and clear water is maintained in the fish tanks. Microorganism-based Biotechnology is used to replace some of the costly RAS machines enabling high predictable yield using minimal resource and low input cost

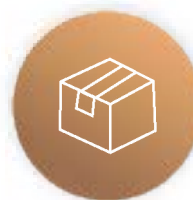
Product USP

- Break even within 18 months due to low investment
- Multiplies income by 10x (Low Production Cost & High Yield)
- Innovative use of Biotechnology for fish well-being, water parameter controls in RAS replacing costly machines, with Microorganism-based enabling high predictable yield



100+

Number of farmers benefitted



10

Number of products in the market



50+

Paid Customers



Grihastha Georgic Pvt. Ltd.

Sustainable economic empowerment of farmers through marketing their agri and dairy based products
www.grihstha.com

Founder: Dr. Dipti

Email: rithdipti@gmail.com

Foundation Year: 2017

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of innovations to connect organic farmers with consumers, directly.

Tech Brief

The startup is creating Family Farmers and bringing both farmers and consumers to one platform thus creating a big value chain of natural and organic farm products by delivering products at consumers doorsteps

Product USP

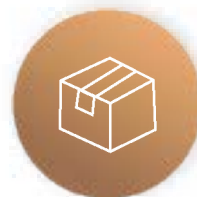
- Products directly from farmers to consumers
- Direct connection between farmers and consumers
- Visit of consumers to farmers and their farms
- Accessibility of natural and organic products at consumers door step
- Introducing local processed Products which are unique and not available on other platforms



10000+
Paid Customers



1000+
Number of farmers benefitted



200
Number of products in the market



Manwani's Innovateve Pearl Culture LLP

Fresh Water Desigen Pearl Culture Farming
www.indianpearlculture.com

Founder: Ashok Manwani

Email: indianpearlculture@yahoo.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: IIT – BHU, Varanasi

Problem Statement

Lack of knowledge of pearl farming and appropriate tools for the farming.

Tech Brief

The startup is involved in Pearl farming and handicrafts.

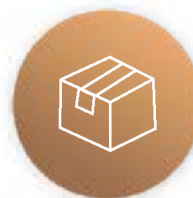
Product USP

Designed and integrated pearl farming



100+

Number of farmers benefitted



05

Number of products in the market



500+

Paid Customers



Sonanchal Aroma Pvt. Ltd.

Aromatic Cultivation & Oil Distillation
www.sonanchalaroma.org

Founder: Satyaprakash Dev Pandey

Email: satyaprakashdevpandey@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

The demographic area of sonebhadra is hilly and dry due to which farming traditional crops is not easy. The income and standard of living of farmers are compromised in the location.

Tech Brief

The startup is engaged in Aromatic cultivation & Essential oil Extraction & developed value-added product.

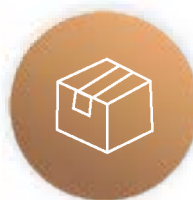
Product USP

Pure & organic essential oil production



552

Number of farmers benefitted



05

Number of products in the market



1000+

Paid Customers



MLIT-Sol Pvt. Ltd.

PoultryMon is a real time remote monitoring solution for Poultry hatcheries and farms for increasing productivity and quality by enhancing visibility into the process using AI and IoT over mobile or web

Founder: Srinivas Chindam
Email: schindam@mlitsol.com
Foundation Year: 2018
Location: Telangana
Incubated at: Indian Institute of Management, Kashipur

Problem Statement

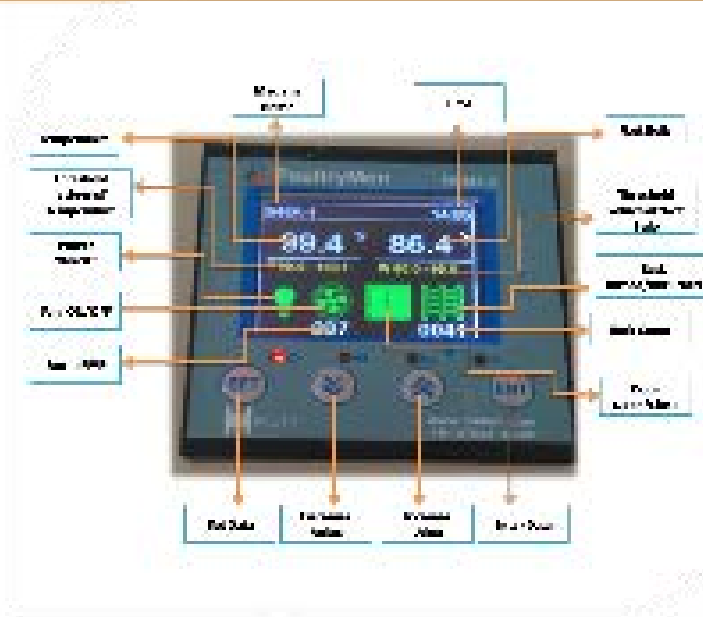
Scarcity of quality mushroom spawn in the market.

Tech Brief

Startup is providing high-quality mushroom spawn for cultivation of mushrooms at a commercial scale.

Product USP

- Setup state of the art laboratory for tissue culture, spawning and R&D purposes.
- Introduced low-cost cropping room, liquid culture, sawdust based substrate and ready to harvest mushroom block.



200+
Number of farmers
benefitted



100+
Paid Customers



10 States
Geographical
Coverage



Suraitech Innovations LLP

Our company SURAITECH INNOVATIONS LLP, manufacturing Shilajit with Secondary agriculture of euphorbia royleana plants
www.suraitech.in

Founder: Anuja Duklan

Email: anujaduklan@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of reliable options for authentic bioengineered Shilajit products.

Tech Brief

The startup is manufacturing Shilajit from a plant source by using its patented technology.

Product USP

- Using polycondensation polymerization and hydrothermolysis for making Shilajit from the latex of euphorbia royleana plants.
- Pure and authentic supported by technical data with lab testing.
- Awarded innovation by Department of Biotechnology, Government of India.



100+

Number of farmers benefitted



500+

Paid Customers



Zelence Industries Pvt. Ltd.

Zeal For Excellence

www.myzelence.com

Founder: Dr. Bidus Kanti Das

Email: zelenceindustries@gmail.com

Foundation Year: 2017

Location: West Bengal

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Bland Taste and Poor nutritional quality in farmed fishes results in poor selling price for farmers and less acceptability with the consumers.

Tech Brief

Innovative extraction method of phlorotannin from Natural Seaweed which acts as a feed supplement for fish.

Product USP

- Tasty and tender fish, more shiny to attract end consumers.
- Harvesting is almost 15 days before than normal culture: farmers production cost benefit almost 15%.
- Longer storability and liveliness: less mortality during transportation.
- Farmed fish with this technology Contain almost 5-12 times more Omega-3 fatty acids: good for consumer health



25000+
Number of farmers benefitted



5000+
Paid Customers



Green Echoo

We provide Survival security for fast growth of trees
www.greenechoo.com

Founder: Raj Narayan Raghuwanshi

Email: krishna.raj1069@gmail.com

Foundation Year: 2019

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Problem Statement

Low survival rate of plantation trees.

Tech Brief

The startup has developed smart tree guards that help to increase the growth of plants by direct water access to their roots, protects plants from grazing.

Product USP

This device plays multiple roles in Survival Security and fast growth of trees



1000+

Number of farmers
benefitted



4000+

Paid Customers

Pararth Livelihood Promotion Pvt. Ltd.

Goat Bank – “Bakri se Vikas”

Founder: Manjiri Chande

Email: pararthislivelihoodpromotion@gmail.com

Foundation Year: 2018

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Problem Statement

Goat Bank (Micro Leasing of Goats) is an improvement over traditional systems by systematically managing risk and adhering to sound principles by ensuring proper services, goat quality, and financial products.

Tech Brief

The startup is following micro-leasing of goats through a Goat Bank and helping the farmers systematically manage risks by providing them with high quality goats.

Product USP

- Significant demand of goats in the region; existing goat farmers are fetching very good prices for their current livestock that too at their door step.
- Familiarity of the villagers with the activity; it is not a foreign activity in the region.
- Wide availability of grazing land in the surrounding forest areas.



1000+

Number of farmers benefitted



400+

Paid Customers



Tapti Silage Technology Pvt. Ltd.

Application Based Premium Silage Technology
www.taptisilage.com

Founder: Radheshyam Suryavanshi

Email: taptisilage@gmail.com

Foundation Year: 2021

Location: Madhya Pradesh

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur



Problem Statement

Unavailability of quality animal feeds at a reasonable price.

Tech Brief

Startup's innovation is Silage Technology enabled with mobile application providing real time information such as inventory, farmer location, crop stages, silage demand, and post-harvest technology for harvesting and packaging silage at the farm to create silage demand, based on location.

Product USP

The USP is complete service package based on mobile based application of corn silage production and marketing.



500+

Number of farmers benefitted



250+

Paid Customers



Gurudev Hi-tech Herbals and Research Centre

Refreshing Environment

Founder: Purushottam Lal Sahu

Email: plsahu211076@gmail.com

Foundation Year: 2016

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur



Problem Statement

Limited availability of unadulterated essential oils in the market.

Tech Brief

Processing and value addition of essential oils through steam distillation and fractional distillation process.

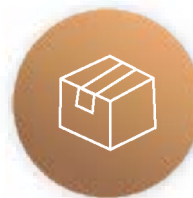
Product USP

- Product is natural and pure. Using natural method to extract oil.
- Immunity boosters are made from essential oils.
- Natural mosquito repellents.



100+

Number of farmers benefitted



05

Number of products in the market



1000+

Paid Customers



JH Incubators & Mushrooms (IPC) Pvt. Ltd.

Provider of lowest cost Incubator with best Quality.
www.jhincubators.com

Founder: Manmohan Yadav

Email: jhincubators@gmail.com

Foundation Year: 2021

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi Vishwavidyalaya, Raipur

Problem Statement

Unavailability of affordable incubators for poultry farming.

Tech Brief

Developing customized incubators for hatching of eggs of Hen, Duck, Quail etc.

Product USP

- Low-cost and affordable for small farmers.
- Easy to use.
- Result ratio are 90-95%.
- After sales services provided.



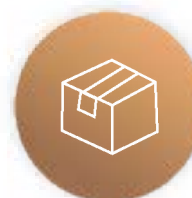
Pan India

Geographical Coverage



1000+

Number of farmers benefitted



10

Number of products in the market



500+

Paid Customers



Manikstu Agro

Enabling Farmers through Nurturing Goatery
www.manikstu.com

Founder: Jayanti Mahapatra
Email: manikstuagro@gmail.com
Foundation Year: 2015
Location: Maharashtra
Incubated at: Indira Gandhi Krishi
Vishwavidyalaya, Raipur



Problem Statement

Unorganised goat rearing industry, high mortality risk and non-availability of support mechanism in goat farming.

Tech Brief

Developed an in-house ERP system integrating breed procurement, insurance, vaccination, medication, feed, AI, Capacity Building.

Product USP

- Zero Investment for farmers
- Inhouse breed with higher growth rate and lesser mortality
- End to End solution in goat rearing
- Buy back guarantee



5000+

Number of farmers benefitted



1000+

Paid Customers



Mycelia Biotech Pvt. Ltd.

Mushroom the next generation revolution

Founder: Purushottam Naik

Email: vinodnaik29@gmail.com

Foundation Year: 2019

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Lack of access to good quality mushroom spawns for mushroom production and problem of contamination, leading to losses.

Tech Brief

Mushroom spawn production cultivation and processing in the form of powder.

Product USP

High temperature tolerance & high yielding spawns



500+

Number of farmers benefitted



100+

Paid Customers



Netraum Ayurveda

Reverse Cataract without Surgery with no side effects
www.netram.in

Founder: Dev Garg

Email: netraumayurveda@gmail.com

Foundation Year: 2018

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur

Problem Statement

Absence of a natural herbal plant-based treatment for Cataract.

Tech Brief

Startup is using natural ayurvedic ingredients that has therapeutic efficacy for several types of ophthalmic disorders.



**Improve Eye Vision
Cures 21 Eye Diseases**



12 States

Geographical Coverage



100+

Number of farmers benefitted



05

Number of products in the market



2500+

Paid Customers

Shrishailsuta Solutions LLP

Business facilitation platform for SMEs

Founder: Mridula Singh

Email: singhmridula02@gmail.com

Foundation Year: 2022

Location: Gujarat

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Challenges in optimizing sales, establishing a brand, abreast with dynamic market trends, benefiting from the welfare policies and schemes available in the ecosystem by SME's.

Tech Brief

A technology enabled facilitation platform offering business augmentation services for SMEs.

Product USP

- Single window Tech Platform for business facilitation in the service category of compliance, marketing and branding, Sales, training and information.
- Need based service recommendation, focused specific to small and marginal businesses
- Intended to facilitates end to end business journey of SME from training till sales



100+

Number of farmers benefitted



Trichon Bio Labs

We produce soldiers to protect your farms

Founder: Dr. Saurabh Padamshali

Email: saurabhpadamshali@gmail.com

Foundation Year: 2020

Location: Chhattisgarh

Incubated at: Indira Gandhi Krishi

Vishwavidyalaya, Raipur



Problem Statement

Limited availability of sustainable Integrated Pest Management Solutions and dependence upon environmentally hazardous chemical alternatives.

Tech Brief

Startup has developed ready to use cards and live bio-agents (predatory insects) that kill harmful insects and pests without damaging the environment.

Product USP

- Ready to use and easy to apply.
- Vast host range.
- Can be used along with bio-pesticides.



200+

Number of farmers benefitted



300+

Paid Customers



Aquanet Biosciences Pvt. Ltd.

One Hope One chance. We are providing you a productive start.

Founder: Paramveer Singh

Email: aquanetbiosciences700@gmail.com

Foundation Year: 2020

Location: Gujarat

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Lack of sustainable fish hatchery system to produce more in limited space.

Tech Brief

The start up is working on Oxygen pressure-based portable fish hatchery. Portable Fish Hatchery based on high oxygen-pressure-based water supply technology resulted in survival healthy baby fish

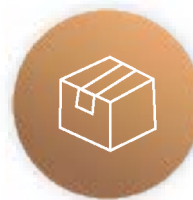
Product USP

- Novel technology as it increases oxygen level for the breeding
- Low cost technology



1500+

Number of farmers benefitted



11

Number of products in the market



100+

Paid Customers

Hexhome (OPC) Pvt. Ltd.

Healthy bee, healthy we

Founder: Saatvik

Email: saatvikbeniwall1111@gmail.com

Foundation Year: 2019

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

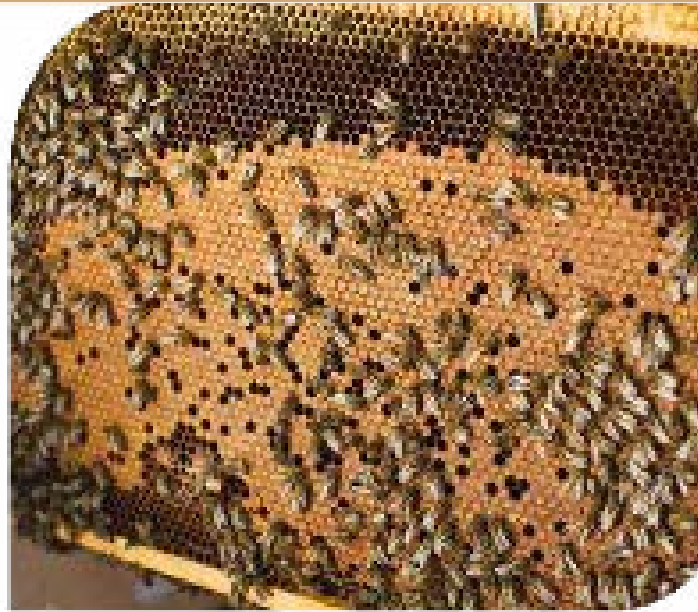
The beekeepers have to move/transfer their bee boxes at various places during the bee-keeping cycle in order to maintain a balanced temperature in the said boxes, which is a tedious and time consuming process.

Tech Brief

The startup is providing honeybee box (Bee box temperature management) with Arduino technology along with solar plates integrated along with the use of PUF (polyurethane foam) which serves as insulator for temperature maintenance

Product USP

- One kind of product in this field which maintains temperature shock for bees
- Improved honey production as compared to traditional boxes.
- Reduced mortality rate of bees, leading to higher efficiencies.



1000+

Number of farmers benefitted



500+

Paid Customers



6 States

Geographical Coverage



KAIZA Health Pvt. Ltd.

Animal Husbandry – Healthcare. “lokah samastah sukhino bhavantu”
www.kaizatech.com

Founder: Sayed Quaiser Alam

Email: quaiser@kaizatech.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

- Deteriorating health of milking cows & buffaloes due to over use of chemical-based feed supplements (antibiotics and hormones);
- Frequent diarrhea in calf (leading to premature death);
- Infertility in country cow and buffalo; are adversely impacting farmers' income and consumers' health.

Tech Brief

The startup has developed a health promoting product based on probiotics and plant extracts for milking cows & buffaloes to improve general health, fertility, and milk production simultaneously reducing calf diarrhea, use of antibiotic & hormone and early death by 70%.

Product USP

- Chemicals free feed supplements – completely vegetarian products (no chemicals or animal origin sourced), yet low cost compared to other supplements in market yet;
- Increase milk production up to 10% and no leaching of antibiotics and hormones in milk from cow;
- Reduces diarrhea and also reduces 70% calf's death;



1000+

Number of farmers benefitted



500+

Paid Customers



10 States

Geographical Coverage



Birchwood Pets LLP

Eat Healthy Food

www.moyopetfoods.com

Founder: Varoon Damodaran

Email: varoon@birchwoodpets.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Low quality pet food which primarily consists of feed grade ingredients and premixes leads to multiple health issues for dogs such as indigestion, poor coat quality and eventually leading to disinterest in the food.

Tech Brief

A minimally processed Human Grade Dog food suited for Indian conditions.

Product USP

- Gently Processed – tailored for every ingredient
- Rich natural ingredients, which does not contain any synthetic flavours and preservatives
- Locally Sourced Human Grade ingredients
- Topper for Home Cooked Food



100+

Number of farmers benefitted



500+

Paid Customers



Statlogic India Pvt. Ltd.

Artificial intelligence driven solutions for dairy sector
www.statlogic.io

Founder: Vignesh M S

Email: vignesh@statlogic.io

Foundation Year: 2018

Location: Tamil Nadu

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Lack of digital and accurate methods linked with animal health record keeping.

Tech Brief

Big data platform for parametric cattle insurance through Animal Biometeorology for building financial resilience amongst the dairy producers.

Product USP

- Light-weight cattle nose print identification algorithm that can run directly on smartphone without requiring continuous internet connection.
- Easy to use for capturing individual animal's daily revenue to estimate the cattle's valuation.
- On-field, cost-effective somatic cell counter for monitoring udder health and quality control.
- Enables to develop index-based cattle insurance for productivity losses incurred due to mastitis and subclinical mastitis & premium pricing for producers who sell milk with low SCC.



1000+

Number of farmers benefitted



2000+

Paid Customers



10 States

Geographical Coverage



Tant Mieux Technologies Pvt. Ltd.

Intelligent solutions for smart farms
www.tantmieuxtech.com

Founder: Preeti Singh & Saurabh Singh

Email: tantmieuxtechnologies@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Piglet mortality due to unattended farrowing at critical and odd hours leads to huge loss to pig farmers.

Tech Brief

An IoT and AI based farrowing alert system to reduce neo natal mortality in pigs.

Product USP

- Robust and Multi animal use device.
- Easy to Use
- Doorstep Services



150+

Number of farmers benefitted



100+

Paid Customers



Transduceideas Technologies LLP

Caring for animal health
www.petologist.com

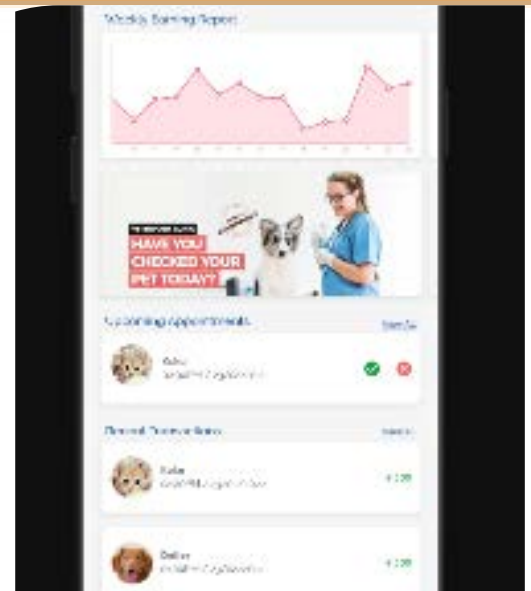
Founder: Priyanka Mehra, Roopa Alur,
Mithlesh Mehra

Email: petologistindia@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: Indian Veterinary Research
Institute, Bareilly



Problem Statement

Lack of organized data of health records, missed medication & vaccination, reach & disconnected value chain of the industry of veterinary doctors, Animals owners & manufacturers

Tech Brief

Petologist is a mobile app which helps to connect doctors virtually with the patient and provide online consultation.

Product USP

- Specifically designed for Small/large animals
- Caters to needs of Pet Parent/Pet owners
- Eases the job of a healthcare professional and increases their revenue potential
- Provides facility for storage of medical history, follow up reminders, e-com store.
- Also facilitates manufacturers in directly selling their products to veterinary doctors.



2000+

Number of farmers
benefitted



5000+

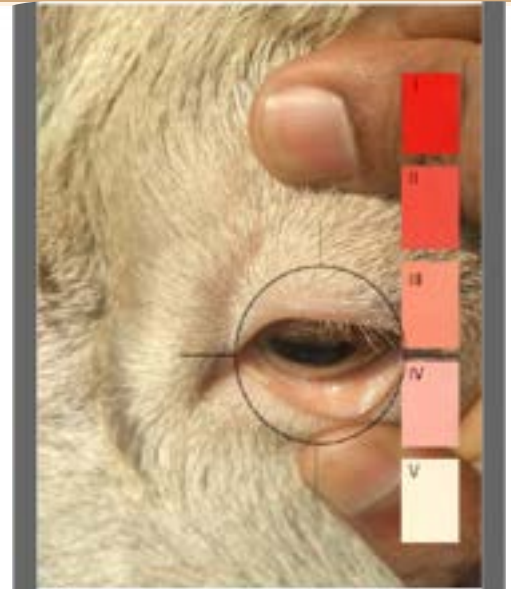
Paid Customers



Vetinnovet Solutions LLP

Innovative Solutions for Animal healthcare and management

Founder: Dr. Hrishikesh G. Jagtap,
Mr. Tukaram Subhash Bharate
Email: dr.hrishikeshjagtap@gmail.com
Foundation Year: 2020
Location: Maharashtra
Incubated at: Indian Veterinary Research
Institute, Bareilly



Problem Statement

Painful, timetaking, costly and invasive method of Anemia detection in the animals.

Tech Brief

A Non Invasive, Point of Care Anemia Daignosis application & Holistic Blood Transfusion Kit for treatment of severely anaemic animals.

Product USP

- Noninvasive – No need to prick the animal.
- Point of care- No need to take blood to a lab
- Cost effective
- Species specific user friendly blood transfusion kit for animals



500+

Number of farmers benefitted



1500+

Paid Customers



Kisanovet Solutions

Reinventing Animal Healthcare
www.kisanpal.com

Founder: Dr. Rahul Shandilya
Email: shandilyarahul1511@gmail.com
Foundation Year: 2019
Location: Rajasthan
Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of Livestock Record Keeping practice by the farmers and veterinarians, unavailability of prompt animal healthcare services in the field condition.

Tech Brief

App based aggregation platform for Livestock Record Keeping and Veterinary Healthcare Services.

Product USP

- Robust livestock record keeping system
- Foretell impending managementst and healthcare practices
- Linking farmers online & offline for veterenary healthcare services



2000+

Number of farmers benefitted



5000+

Paid Customers



6 States

Geographical Coverage



Vetrox Veterinary Solutions

Redefining Animal Husbandry

www.vetrox.in

Founder: Adarsh Tiwari

Email: adarshivri@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of online delivery platforms for veterinary inputs.

Tech Brief

App and Phone based Goat rearing information and e-commerce platform.

Product USP

- Real time free consultancy by veterinarians to the farmers just by a missed call.
- Home delivery of wide range of quality animal husbandry input products.
- Connection to the better markets for sale of animal husbandry and agriculture produce.



1000+

Number of farmers benefitted



2500+

Paid Customers



Heeraka Agribiz Pvt. Ltd.

Pashu App

www.heeraka.com

Founder: Dr. Yuvraj Kaginkar

Email: yuvraj.kaginkar@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indian Veterinary Research
Institute, Bareilly

Problem Statement

Lack of availability of specialized doctors at most of the location.

Tech Brief

A cloud based Veterinary telemedicine & disease diagnostic mobile app with artificial intelligence and facility of record keeping to help the animal owner and veterinarian in decision making.

Product USP

- Improves access to primary healthcare services for animals by Affordable, Convenient Tele-Medicine services.
- Provides Real-Time Mobile App for Animal-to-Doctor OPD consultations, Primary Diagnostics and Medicines
- Provides Patients an easy access to Expert Veterinary Doctors and access the various healthcare provider options (Hospitals, Diagnostics, Pharmacy).



10000+

Number of farmers
benefitted



5000+

Paid Customers



Magicvets Pvt. Ltd.

Petcare at home
www.magicvets.com

Founder: Deepti Singh Baghel

Email: dr.deeptibaghel@gmail.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

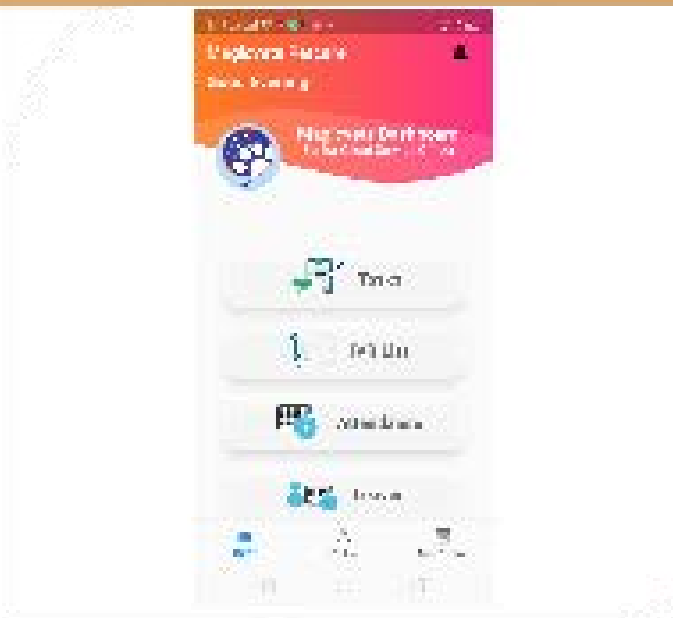
Unavailability of veterinary care at doorstep of pet parents for various services like health checkup, vaccination, deworming, treatment, diagnosis medicated grooming and various professional advise.

Tech Brief

A fully equipped GPS enabled mobile veterinary clinic with veterinarians on board and providing healthcare services at the doorstep by just booking an appointment through various digital platform and a mobile application maintains digital record and medical history of the pets.

Product USP

- Doorstep veterinary services.
- Essential medicines and accessories delivery at home.
- Mobile application and website for online appointments, digital record keeping and reminders.



500+

Number of farmers benefitted



1000+

Paid Customers



bonphul

Bonphul Air Products Pvt. Ltd.

We are a gas tech company

www.bonphulapl.com

Founder: Narendra Bisht

Email: narendra.bisht@bonphulapl.com

Foundation Year: 2016

Location: Delhi

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Lack of flexible, compact, portable, easy deployable and smart oxygen generators with variable flow and pressure in the veterinary industry.

Tech Brief

OxyVet is a small oxygen generator with variable flow and pressure for veterinary application. It's a Hybrid generator using 100% lithium based Molecular sieve which is fully automatic, easily deployable and flexible.

Product USP

- Best suited for Veterinary applications
- Hybrid Oxygen generation Technology, Very low maintenance.
- Small and portable
- Fully Automatic and hassle free operation.



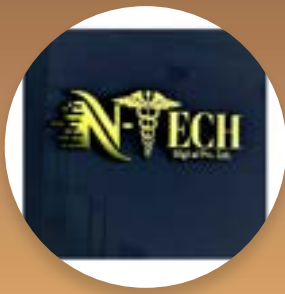
200+

Number of farmers benefitted



50+

Paid Customers



N-Tech Digital Pvt. Ltd.

Every Drop Matters

Founder: Prafulla Tushar Nehete

Email: prafullanehete04@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Lower conception rate of AI using traditional method.

Tech Brief

Low Cost Digital Artificial Insemination Gun for improved conception rate in cattles and buffalo.

Product USP

- Enabled with trigger system.
- Low cost technology and easy to use.



1500+

Number of farmers benefitted



100+

Paid Customers



Zebu Breeding & Conservation LLP

High Milk Potential "Desi Cows"
www.breedingzebu.com

Founder: Rohit Khandelwal
Email: khandelwalrohit1980@gmail.com
Foundation Year: 2018
Location: Uttar Pradesh
Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of pure germplasm and low productivity of indigenous breed.

Product USP

- Quality & Disease free Calves
- High milk potential females & High genetic merit males.
- Pedigreed Calves/ heifers & germplasm.

Tech Brief

Producing embryos and female calves of high genetic merit using ETT and sex sorted semen for Conserving and improving indigenous cow breed (Red Sindhi).



100+

Number of farmers benefitted



50+

Paid Customers



Nandinandan Breeds & Seeds India Pvt. Ltd.

Yeh doodh nahi, aushadi hai
www.caprico.co.in

Founder: Sanjeev Kumar

Email: sanjeevfaculty@gmail.com

Foundation Year: 2014

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Less and irratic demand for Goat milk and hence irratic and less income for goat rearers from milk

Tech Brief

Goat Milk and goat milk value added products marketing in order to provide remunerative prices to the farmers.

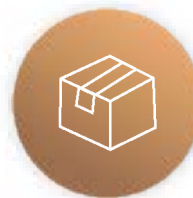
Product USP

- Pasteurized Goat Milk using LTLT pasteurization process
- Helps in indigestion and stabilizes micronutrient imbalances



50000+

Number of farmers benefitted



05

Number of products in the market



10000+

Paid Customers



Agverse Technologies Pvt. Ltd.

Making livestock farming profitable using smart technologies
www.agverse.in

Founder: Priyank Saxena

Email: info.mycow@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

Poor conception rate of traditional AI method.

Tech Brief

gAi is an advanced Artificial Insemination gun integrated with intelligent video based feedback system for improved conception rate

Product USP

- Intelligent video based monitoring of the Artificial Insemination process
- Smart record creation to facilitate reviews
- Cloud based Artificial Intelligence for feedback
- Scalable across multiple animals and breeds



1000+

Number of farmers benefitted



100+

Paid Customers



Good Longshong Piggery

Transforming Tribal Tradition into Women Empowerment

Founder: Anjali Singnarpi

Email: info.mycow@gmail.com

Foundation Year: 2019

Location: Assam

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

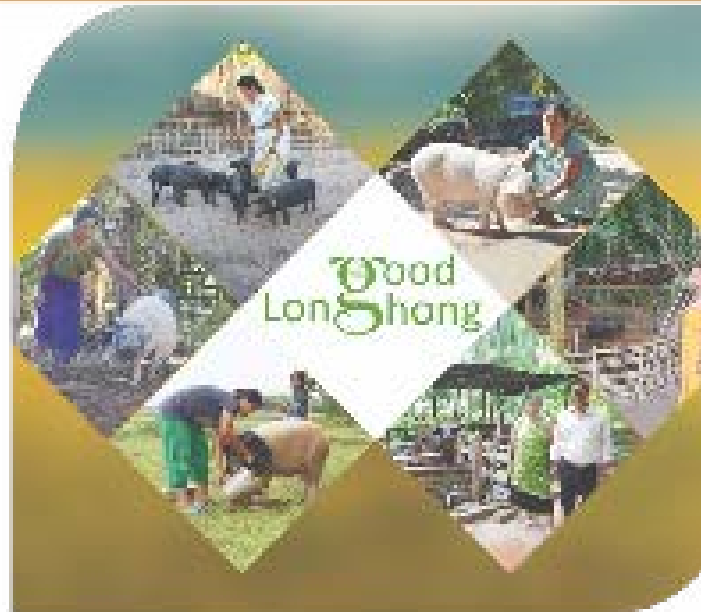
Lack of scientific knowledge/practices in pig farming and language barrier problem in tribal women resulting in loss or low profit in pig farming.

Tech Brief

ICT enabled pig breeding unit of exotic and local breed of pig (Doom) cum skill development centre for Tribal women (Training in local languages- Karbi, Dimasa & Bodo)

Product USP

- Timely vaccinated and medicated piglets for less risk of mortality and Pedigree quality.
- Systematic credible animal data recording.
- SMS facilities to customers & farmers for timely vaccines and medicines.



200+

Number of farmers benefitted



100+

Paid Customers



Rudra Agro Livestock Pvt. Ltd.

Supply Chain Management on Fresh and Processed Pork Products

www.rudrafarmproducts.com

Founder: Sunder Chauhan

Email: rudraagropvtltd@gmail.com

Foundation Year: 2020

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Lack of traceability mechanism for Pork and Pork products

Tech Brief

Traceability of fresh and processed pork products using block chain technology & Intelligent packaging system for assurance of freshness, safety and cold chain management

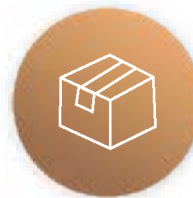
Product USP

- Traceability through block chain technology
- Intelligent packaging system for assurance of freshness/ safety/ cold chain management
- Customized product enriched with functionality



100+

Number of farmers benefitted



08

Number of products in the market



150+

Paid Customers



Vitulomics Pvt. Ltd.

Indian R&D to solve global veterinary problems

Founder: Dr. Kartikeya Krothapalli

Email: info@vitulomics.co.in

Foundation Year: 2018

Location: Andhra Pradesh

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Existing treatment of Mastitis with antibiotics is leading to emergence of antibiotic emergence.

Tech Brief

MastiGold is a herbal medicine made from unique combination of herbs and their extracts that show consistent results during treatment of bovine mastitis without the use of antibiotics.

Product USP

- A non-antibiotic solution
- Rapid action within 5 days
- Easy to apply & Cost effective



2500+

Number of farmers benefitted



1000+

Paid Customers



Medjivan Healthcare (OPC) Pvt. Ltd.

Desh ka no. 1 pashubazaar
www.pashuhub.com

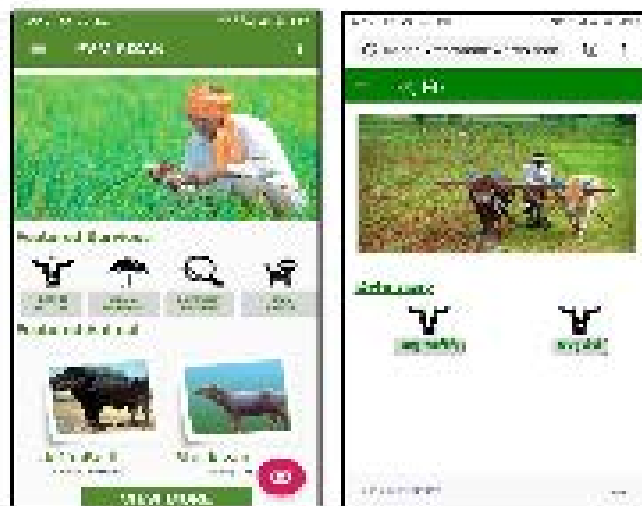
Founder: Udita Singh

Email: medjivan@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: Indian Veterinary Research
Institute, Bareilly



Problem Statement

Lack of online platform for purchase and sale of animals.

Tech Brief

“Pashumitra” is a mobile app based e-market platform for livestock trading and healthcare services.

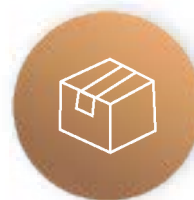
Product USP

- E-marketplace for bovines and other animals
- Validated products
- Easy showcasing of the animals
- Minimum spent on logistics
- Seamless experience
- Minimizes disease spread



1200+

Number of farmers
benefitted



06

Number of products
in the market



500+

Paid Customers



Armor Helix India Pvt. Ltd.

Unnat Nasl, Khushhal Kisan

www.armorhelix.com

Founder: Reena Ramesh Hire

Email: armorhelix@gmail.com

Foundation Year: 2017

Location: Maharashtra

Incubated at: Indian Veterinary Research Institute, Bareilly



Problem Statement

Low Lactation yield of pure indigenous cattle breeds leading to low demand for indigenous breeds.

Tech Brief

Conserving and improving pure indigenous cow breed (Gir) by developing gene pool and Use of IVF Technology to improve Genetics, Lactation yield and female to male calf ratio using Sexed semen.

Product USP

Variety of superior genetics for Gir breed and sexed semen under one roof.



100+

Number of farmers benefitted



100+

Paid Customers



Adis Technologies Pvt. Ltd.

Digital Pashu
www.adis.co.in

Founder: Sujit Hukkerikar

Email: sujit@adis.co.in

Foundation Year: 2019

Location: Karnataka

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

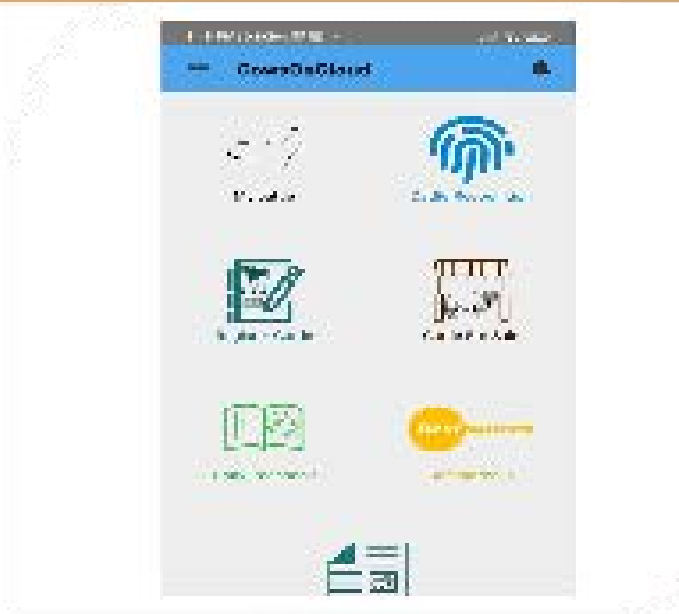
Lack of integrated Technology for Animal Tagging with accurate and reliable data based recognition.

Tech Brief

Use of AI and ML for NON Invasive tagging of all animals BIOMETRICALLY and then build BIG DATA with respect to animal health, vaccination, deworming, pedigree records, etc for animal 's health management in a scientific way.

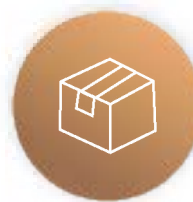
Product USP

- App free for all farmers for communication & management tools.
- Biometric tagging linking farmers with the Insurance and fintech for cattles/animals.
- NON Invasive Once in life time tagging of animals
- Super app for all activities related to animals management
- Wide coverage of domains like used by farmers, wildlife, pet owners, insurance companies, fintech, and many more



6000+

Number of farmers benefitted



05

Number of products in the market



200+

Paid Customers



Bariflo Labs

Water Breathes
www.bariflolabs.com

Founder: Mrityunjay Sahu
Email: mrityunjay.sahu@bariflolabs.com
Foundation Year: 2018
Location: Odisha
Incubated at: MANAGE, Hyderabad

Problem Statement

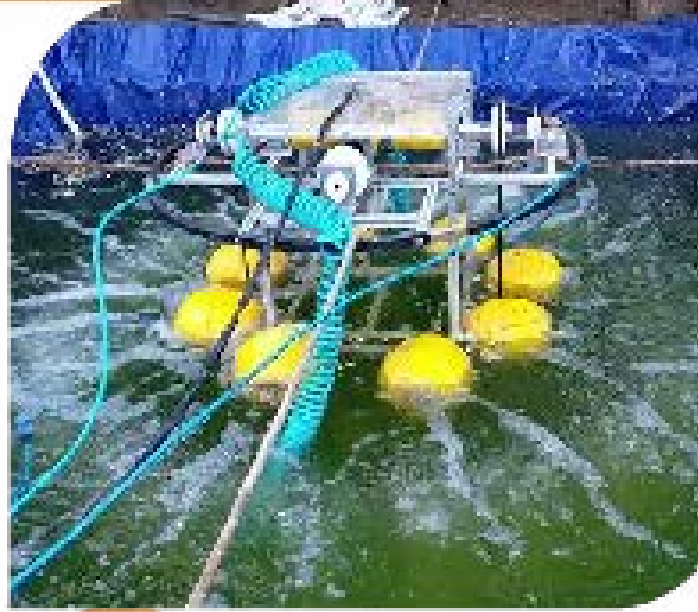
Lack of precision agriculture solutions for aquaculture for optimizing the high OPEX and CAPEX for the farmers.

Tech Brief

Startup has developed a suite of precision agricultural solutions such as AI-based monitoring devices, intelligent data analytics portal, intelligent floating agriculture platform and more.

Product USP

Reduction of OPEX by 35% and CAPEX by 20% and increasing profitability of the farmers.



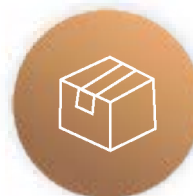
5 States

Geographical Coverage



200+

Number of farmers benefitted



07

Number of products in the market



20+

Paid Customers



Budmore Agro Industries Pvt. Ltd.

Grow More
www.budmore.com

Founder: Syamlal Sasi
Email: syamlal.sasi@budmore.com
Foundation Year: 2018
Location: Kerala
Incubated at: MANAGE, Hyderabad

Problem Statement

High mortality rate in the aquaculture industry leading to lower productivity, profitability and water management.

Tech Brief

Data driven automated sustainable farming solution employing zero chemicals to improve the productivity, profitability and sustainability of water resource.

Product USP

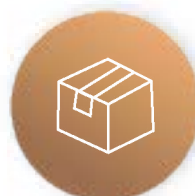
- One of the first in India offering an end-to-end aquaculture smart farming solution.
- Highly talented R&D team with proven track records and global standards having international collaborations (India, Australia, UK, Turkey & Malaysia)



Global
Geographical Coverage



500+
Number of farmers benefitted



10
Number of products in the market



50+
Paid Customers



Fishy Farmers

Adding more life per drop
www.fishyfarmers.com

Founder: T. Sai Krishna

Email: skay1808@gmail.com

Foundation Year: 2018

Location: Telangana

Incubated at: MANAGE, Hyderabad

Problem Statement

Low adoption of BioFloc and RAS systems in aquaculture due to:

- High Capital Costs
- Maintenance Intensive filters
- Heavy power consumption

Tech Brief

Startup has developed a Plug and Play Low Profile Auto Pneumatic Bead Filter that provides Solid removal, biological degradation of harmful chemicals, and sterilization from unwanted bacteria and pathogens in a single profile.

Product USP

- The elimination of electronics & mechanical moving parts to achieve automatic backwashing, using air to trigger the backwash
- The elimination of water loss associated with backwashing.
- Removal of unwanted solids, biological filtration, and sterilization is achieved in one single profile.



100+

Number of farmers benefitted



50+

Paid Customers



Ideal Biosciences Pvt. Ltd.

Redefining Biosolutions

www.idealbiosciences.com

Founder: Dr. P. Iyapparaj

Email: idealbiosciences@gmail.com

Foundation Year: 2017

Location: Tamil Nadu

Incubated at: MANAGE, Hyderabad

Problem Statement

Vibriosis is one of the major problems in shrimp aquaculture and leads to severe economical losses to the farmers.

Tech Brief

Providing herbal based feed supplement to improve the immunity and disease resistance in shrimps against vibriosis.

Product USP

- Organically formulated product to deliver only the necessary active compounds.
- Comprised of herbal biomolecules and does not have any side effects to the shrimps.



1000+

Number of farmers benefitted



12

Number of products in the market



500+

Paid Customers



Pakshimitra Poultry Technologies Pvt. Ltd.

All about #welfareengineering
www.pakshimitra.com

Founder: Shankar

Email: shankar@pakshimitra.com

Foundation Year: 2018

Location: Maharashtra

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of a reliable & cost-effective solution for poultry farm litter management.

Tech Brief

Startup has devised a 4-stage plan for efficient management of litter in the poultry farms.

Product USP

- Efficient and effortless solution.
- Helping make NETZERO Poultry Farm by 2025.
- Creating a sustainable system by using the bi-products.



1000+

Number of farmers benefitted



500+

Paid Customers



Pan India, Sri Lanka, Nepal, Indonesia, & Bhutan
Geographical Coverage



Pashushala.com, Gratize Venture Consulting Services (P) Ltd.

Uplifting farmers and livestock economy
www.pashushala.com

Founder: Gaurav Choudhary
Email: gaurav@pashushala.com
Foundation Year: 2018
Location: Karnataka
Incubated at: MANAGE, Hyderabad

Problem Statement

- Lack of access to quality livestock resulting into suboptimal income for many farmers.
- Livestock is an integral part of the Indian economic, cultural, and social setup. About 20.5 million people depend upon it for their livelihood – close to two-third of rural India. It employs about 8.8 % of the population. The livestock market in India is highly unorganized and distributed.

Tech Brief

Pashushala.com offers its services through android application and web-portal, integrating cattle verification, health-check, transportation, insurance, feed and after sales services to enable trade of livestock and related product and services.

Product USP

Integrated end to end solution, strong network of over 500 B2B sellers across country, Pan India Delivery, 100% statutory compliant, after sales services.



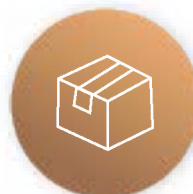
15 States

Geographical Coverage



7000+

Number of farmers benefited



05

Number of products in the market



1000+

Paid Customers



Auric Cosmo India Pvt. Ltd.

Heal the Body, Cure the Skin & Satisfy your Soul !
www.f6s.com/auriccosmo

Founder: Vikram Singh S

Email: invitrovikramsingh@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

Lack of ethical ways of extracting mucin from snails.

Tech Brief

Developed a technology for ethically farming and extracting snail mucin which is used to formulate natural topical cosmetic products.

Product USP

- No availability of snail mucin & formulated natural products.
- Ethical ways of extraction of snail mucin via proprietary technology.
- Snail mucin formulated niche topical natural cosmetic products.



07

Number of products in the market



100+

Paid Customers



Dev Beetech India Pvt. Ltd.

Smart IoT Beehive Monitoring System
www.gobuzzr.com

Founder: Kapildev Ganesan

Email: kapil@gobuzzr.com

Foundation Year: 2019

Location: Tamil Nadu

Incubated at: Kerala Agricultural University, Thrissur

Problem Statement

Lack of accurate monitoring solutions for beekeeping and dependence upon labour intensive physical monitoring.

Tech Brief

Startup has developed an IoT based system 'GoBuzzR' that regularly measures and monitors the statistics in a beehive such as honey deposited, temperature, humidity and allows the beekeepers to optimize the living conditions of the bees.

Product USP

- Round the clock monitoring through sensors.
- Mobile and web-based dashboards for monitoring and messaging.
- Increasing the efficiency of the process and increasing output.



100+

Number of farmers benefitted



50+

Paid Customers



EVR Innovations Pvt. Ltd.

Engineered Vermiculture Revolution

www.evrinnovations.in

Founder: Jijo Paul

Email: jijopaul.jp@gmail.com

Foundation Year: 2019

Location: Kerala

Incubated at: Kerala Agricultural University, Thrissur

Problem Statement

Lack of alternatives to chemical intensive process of shrimp waste processing.

Tech Brief

Using Black Soldier Fly Larvae and a set of microbes in a specially designed system that enables rapid breakdown of shrimp waste. The larvae are further used as feed material for poultry and fish industry and the entire process involves 10% of chemicals in comparison to the EVR system.

Product USP

- Generating a new revenue stream through larvae.
- Fast and odourless processing.
- Reducing the environmental impact and saving water.
- Specially designed treatment bins which make the process scalable.



150+

Number of farmers benefitted



100+

Paid Customers



Sredha Mobile Artificial Insemination & Veterinary Services

Vet Hospital On Wheel
www.sredhamvs.in

Founder: Priya Prakashan

Email: priyaprakashan1988@gmail.com

Foundation Year: 2018

Location: Kerala

Incubated at: Kerala Agricultural
University, Thrissur



Problem Statement

Lack of availability of veterinarian health care services on site and in case of emergencies.

Tech Brief

Doorstep Critical Care, Emergency, Surgical and multi-specialty veterinary services that can be accessed 24 x 7.

Product USP

The first ever vehicle in India that is registered as mobile veterinary clinic.



10000+

Number of farmers
benefitted



5000+

Paid Customers



Tousha Technology Innovations

Clean and healthy ponds give us healthy food

Founder: Touseef Ahmed

Email: thousefmd.anu@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: Acharya N. G. Ranga

Agricultural University, Tirupati



Problem Statement

Manual chain dragging process for cleaning of aquaculture ponds is labour intensive, time consuming, and needs to be carried out frequently (10-15 times/day).

Tech Brief

Developed a Smart Boat that performs Chain Dragging of aquaculture ponds in a highly efficient manner.

Product USP

- Chain dragging boat is handled by one person
- Effective & accurate
- Can cover many acres in a day



500+

Number of farmers benefitted



20+

Paid Customers



BPN Agro and Livestock Pvt. Ltd.

Platform for sustainable growth
www.bpnagrolive.com

Founder: Priyjeet Bose

Email: bpnagrolive@gmail.com

Foundation Year: 2018

Location: Chhattisgarh

Incubated at: NIAM, Jaipur

Problem Statement

Low productivity of milch animals and limited growth of the sector due to a lack of suitable breeds for genetic upgradation of milch and other cattle.

Tech Brief

The startup is providing Medical Services, Treatment, Feed Supplement Supply and breed upgradation & genetic development of livestock through Artificial Insemination services to the farmers of Chhattisgarh through a network of on-ground Agrolife Business Managers. It is using an AI gun with camera and also working on supply chain management as well as market linkage of the final products through its digital marketing platform.

Product USP

Easily approachable network of Micro Entrepreneurs to 10-15 Villages in 10-15 Km of Radius.



1000+

Number of farmers benefitted



200+

Paid Customers



Cowstrum Nutritech LLP

Belive in Indigenous

Founder: Rahul Manohar Khairnar

Email: cowstrum@gmail.com

Foundation Year: 2021

Location: Maharashtra

Incubated at: NIAM, Jaipur

Problem Statement

Limited availability of Colostrum in the market.

Tech Brief

The startup is producing indigenous A2 Colostrum by freeze dried technology.

Product USP

- Bovine Colostrum provides range of antibodies such as IgG, IgA, IgD, IgM and IgE which helps to fight against various pathogens like bacteria & viruses.
- It maintains and support intestinal integrity and improve nutrient absorption, act as prebiotics & support a balanced gut to enhance the immunity.
- Colostrum helps to support children's immune systems, soothe digestive upsets, and otherwise support children's digestive health to boost their immunity.
- It maintains healthy immune system during the ageing, while supporting cellular proliferation & restitution as well as protein synthesis and soft tissue repair.



100+

Number of farmers benefitted



300+

Paid Customers



EF Polymer Pvt. Ltd.

Upcycling the biowaste, converting to the sustainable material
www.efpolymer.com

Founder: Buddhi Prakash Gurjar

Email: buddhi@efpolymer.com

Foundation Year: 2018

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

Problem of low water availability & inefficient usage of water in the agriculture sector and organic (fruit & vegetable) waste management.

Tech Brief

The startup is utilizing fruit and vegetable waste, while also solving the problem of organic waste management, to develop organic water retention polymer that helps to reduce the irrigation water requirement and overirrigation/excess water usage in the fields. The developed organic polymer is able to reduce the irrigation water requirement by 40% along with fertilizer requirement reduction of 30-40%.

Product USP

Startup has developed the only organic SAP in the market which is 100% biodegradable in the soil within 6-8 months without leaving any substitute making sure that no pollutants are released in the soil, water, and crops. Startup has partnered with Japan's leading research - Okinawa Institute of Science and Technology, Japan, which ranks in the top 10 basic research universities around the world.



5000+

Number of farmers benefitted



5000+

Paid Customers



Pan India

Geographical Coverage



Genflow AI

Digitizing Livestock Care
www.genflowai.com

Founder: Nitish Gaurav

Email: business@genflowai.com

Foundation Year: 2019

Location: Delhi

Incubated at: NIAM, Jaipur

Problem Statement

Lack of quality veterinary services for dairy farmers which results in monetary losses as well as decreased productivity.

Tech Brief

The startup is working to digitize the livestock sector and offer tele-consultation with the veterinarian through image analysis & video calling while also providing door step prescription medicines for the livestock.

Product USP

Affordability, Transparency & Instant Connect



1000+

Number of farmers benefitted



500+

Paid Customers



IIFSA Information & Inouts for Sustainable Aquaculture LLP

Pond Specific Solutions at Farmer Doorstep
www.iifsaoffice.in

Founder: Shaik Akbar Ali

Email: akbar@iifsaoffice.in

Foundation Year: 2019

Location: Andhra Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of reliable information in the Aquaculture sector leading to:

- High Mortality Rate
- High Morbidity Rate
- Low Pond Efficiency (FCR)

Tech Brief

Startup with its web-based platform provides advisory through aquaculture experts to the farmers for reducing mortality, curing the morbidity, and increasing pond efficiency in aquaculture.

Product USP

- Advisory from experience sectoral experts at the farmer's doorstep
- Quick information
- Reduce cost of feed and disease management products
- Increased output



7000+

Number of farmers benefitted



08

Number of products in the market



5000+

Paid Customers



Menghis Pvt. Ltd.

Empowering Growth
www.poultryfy.com

Founder: Sourabh Menghi

Email: sourabhmenghi@gmail.com

Foundation Year: 2016

Location: Uttar Pradesh

Incubated at: NIAM, Jaipur

Problem Statement

Lack of a digital marketplace for poultry sector connecting different value chain players.

Tech Brief

Online marketplace that connects farmers, traders, and bulk purchasers on a single platform and allows farmers to sell their produce at a more competitive price.

Product USP

- Helping farmers connect and sell to a wider extended market even outside their local reach.
- Providing real time market updates and price information to users on their smart phone.
- Buying raw material from farmers such as feed and day-old chicks.
- The payments are transferred immediately to the farmer as soon as the buyer is billed.



2000+

Number of farmers benefitted



5000+

Paid Customers



NisargaDhaatu Health LLP

Discovering Armor of God for Natural Health through Agro-Biotech Healthcare Solutions
www.nisargadhaatu.com

Founder: Chidambar Vishnu Joshi

Email: joshi@nisargadhaatu.com

Foundation Year: 2019

Location: Karnataka

Incubated at: NIAM, Jaipur

Problem Statement

Limited availability of natural value added Cordyceps products in the market.

Tech Brief

The startup has established an agribiotech laboratory with guidance from IIHR, CCRI & NIAM to grow Cordyceps mushrooms and develop value added products with the combination of herbs and nutrients.

Product USP

Derived from natural solutions.



09

Number of products in the market



5000+

Paid Customers



8 States

Geographical Coverage



ParaVet India Pvt. Ltd.

Healthy Animals for Healthy Profit
www.paravet.net

Founder: Sandeep Sharma

Email: sandeep@paravet.net

Foundation Year: 2020

Location: Rajasthan

Incubated at: NIAM, Jaipur

Problem Statement

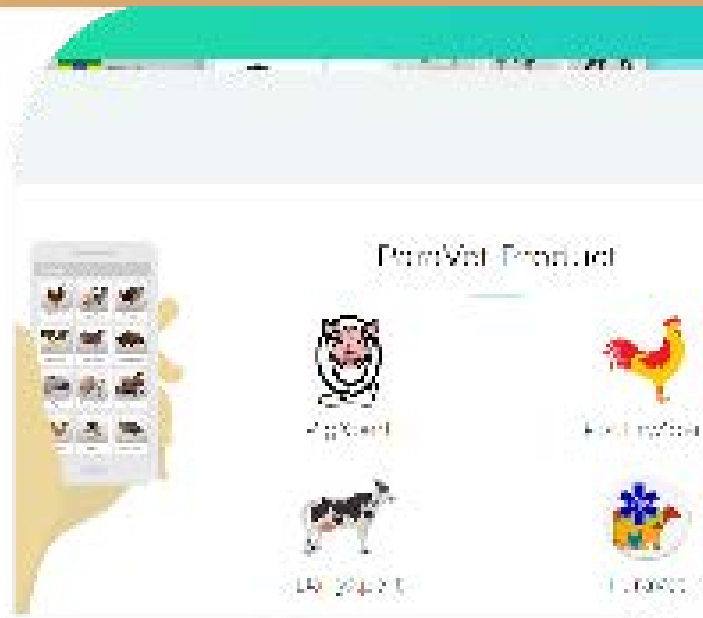
Many farmers lack equitable access to knowledge and veterinary extension services in rural India with low levels of literacy being an additional barrier.

Tech Brief

Startup's android-based platform supports farmers with knowledge and links to veterinarians and buyers to improve their animal health outcomes and profitable access to markets.

Product USP

- Animations to explain choices to farmers empowering them to make their own decisions on how best to manage their animals.
- Health platform uses animations to communicate symptoms for farmers so they can easily recognise these and share with vets for diagnosis.
- Feed platform provides least cost local recipes for nutritionally balanced diets.



1000+

Number of farmers benefitted



500+

Paid Customers



5 States

Geographical Coverage



Ibenzene Analytics Pvt. Ltd.

Safe, Healthy & Nutritious Food to All

www.ibenzene.com

Founder: Minakshi Chaudhary

Email: minakshichaudhary.88@gmail.com

Foundation Year: 2020

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Lack of resources to find and locate food sample and soil testing laboratories.

Tech Brief

Startup has developed an online platform to find NABL Accredited Laboratories for food sample, soil, and seed testing. The user can compare quotations, book tests, and track status of the samples

Product USP

- Access i-library for all the FSSAI testing regulations and standards of all the food products at a single window.
- Platform is easy to use as user can compare, select testing parameters as per requirement, can compare prices of different labs.



200+

(Under development phase)
Number of farmers
benefitted



Playa Fisheries LLP

Marudhara ka khaara paani uglega sona

Founder: Nayan Chouhan

Email: nayan101chouhan@gmail.com

Foundation Year: 2020

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

- Unemployment of salt farmers in rainy season
- Unavailability of artemia cyst in country for shrimp hatchery operations

Tech Brief

The startup is producing Artemis cyst in rotation in the salt producing saltpans. Cyst or egg of artemia is mainly produced due to high temperature and high salinity providing favourable condition for its production in western Rajasthan due to availability of adequate salinity.

Product USP

- Artemia cyst production in inland salt or inland saline area
- Additional source of income to salt farmers



100+

Number of farmers benefitted



50+

Paid Customers



Vauttech India Pvt. Ltd.

Get a grip on your business
<https://vauttech.in/news/>

Founder: Aradhana Kumari

Email: aradhana99055@gmail.com

Foundation Year: 2020

Location: Jharkhand

Incubated at: Bihar Agricultural University, Sabour

Problem Statement

Lack of technology to support the poultry farmers with production, cashflow and quality management.

Tech Brief

The startup is providing a one-stop solution for the poultry farmers to avoid distress, promote traceability of the chicks supplied, manage the cashflow and provide accountability.

Product USP

One Stop solution for Poultry Business



500+

Number of farmers benefitted



100+

Paid Customers



Cowbit Technologies Pvt. Ltd.

Fitbit for Cows = Cowbit

Founder: Diptimayee Mishra

Email: cowbitinc@gmail.com

Foundation Year: 2020

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack

Problem Statement

Inability of farmers to monitor cattle health and detect diseases in real time.

Tech Brief

Cowbit has developed an IoT based collar for cattle health monitoring and alert system through mobile apps, measuring parameters such as heat cycle, mastitis, foot and mouth disease and monitoring health conditions.

Product USP

- Smart neck collars monitor dairy cows 24/7.
- Gathering temperature, rumination, activity, and other behaviour.
- Intelligent algorithms process this information and provides insights.
- Bringing visibility into the farm operations for informed and timely profitable decisions.



1000+

Number of farmers benefitted



200+

Paid Customers



Novolutions Food & Beverage Pvt. Ltd.

Novel Solutions for Everyone
www.novolutions.in

Founder: Somesh Ranjan Behera

Email: someshranjan.behera@gmail.com

Foundation Year: 2017

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack

Problem Statement

Limited availability of additives and artificial ingredients free processed food products in the market.

Tech Brief

Startup is manufacturing a range of processed food products such as flavoured drinks through a retort process with increased pulp content and free of any preservatives.

Product USP

- Zero preservatives, artificial ingredients, and added sugar.
- Sustainable glass bottle packaging.



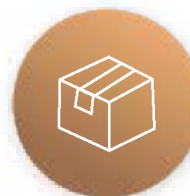
Pan India

Geographical Coverage



1000+

Number of farmers benefitted



08

Number of products in the market



5000+

Paid Customers



Ruffin Technology Solution Pvt. Ltd.

A Food Nutraceutical and healthcare startup. Develop through cordyceps.

www.miniatm.com

Founder: Dharma Prakash Rath

Email: odishainnovation@gmail.com

Foundation Year: 2017

Location: Orissa

Incubated at: National Rice Research Institute, Cuttack



Problem Statement

Limited availability of Nutraceutical products using cordyceps.

Tech Brief

The startup is producing Nutraceutical products by using cordyceps.

Product USP

Using rare herbs.



1000+

Number of farmers benefitted



10000+

Paid Customers



Udvaban Technologies Pvt. Ltd.

Our company manufactures IOT-enabled bee box system
www.ezibeess.in

Founder: Satyabrata Jena

Email: ezibeess8@gmail.com

Foundation Year: 2019

Location: Orissa

Incubated at: National Rice Research
Institute, Cuttack

Problem Statement

Lack of technology for managing the production of honey with real-time production and critical information.

Tech Brief

The startup is providing an all-in-one package that serves as a platform for monitoring, feeding, and micro-climate control of bees and honey production.

Product USP

- Beekeepers will not have to open the hive every time they need to check the amount of honey produced, they will get live information to their mobile application.
- Farmers will not have to manually feed the honeybees regularly.
- There is an antitheft alert for bee boxes.
- The CNC machined wooden bee boxes will be ease mass production and significantly reduce the price of boxes than traditional handmade bee boxes.



600+

Number of farmers
benefitted



100+

Paid Customers



Bhagyashree Bee Equipment Center

The Bees are calling for help

Founder: Timmanna Vishweshwar Bhat

Email: timmannabhatmundagodi@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Lack of innovation to reduce the time and energy required to build the honeycomb by honey bees.

Tech Brief

The startup is providing the honeycomb, which can be attached to the bee frame, honey bees will be able to construct the honeycomb quicker and in the right direction

Product USP

- Made with pure bee wax so it helps honeybees to build the honeycomb very quickly.
- No chemicals and artificial colors were added



5000+

Number of farmers benefitted



2500+

Paid Customers



Biochem Research & Testing Laboratory

Soil, Water, Compost and Food testing for quality analysis

www.biochemdwd.com

Founder: Dr. Giridhar Goudar,

Dr. Mahadev Khetagoudar

Email: girid1411@rediffmail.com,

mahadev_arc@rediffmail.com

Foundation Year: 2016

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Limited availability and adoption of technologies for analysis of soil, water, compost, & food for quality parameters & nutrient composition to help regulate the cost of cultivation for farmers.

Tech Brief

The startup has developed technological solutions for bulk analysis of soil, water, compost, & food to recommend fertilizers, improve soil nutritional status, and sort food based on nutrition.

Product USP

One of the only testing laboratories in North Karnataka performing a complete analysis of quality parameters for soil, water, compost, and food commodities helping farmers, agriculturists, food industries, and exporters.



2000+

Number of farmers benefitted



500+

Paid Customers



E–Artkey Innovation Pvt. Ltd.

Inspired to Innovate
www.eartkey.in

Founder: Vaibhav Sugandhi

Email: eartkey@gmail.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Lack of technology in maintaining the quality of the water (pH, Temperature, BOD), which impact the annual yield of fishermen.

Tech Brief

The startup provides an IoT device to monitor the low-capacity fish tanks with water quality (pH), oxygen levels, turbidity, and temperature

Product USP

- Internet of Things (IoT) & ICT.
- Hybrid sensor & actuator network.
- Preventive maintenance & Analytics.



50+

(In POC stage)

Number of farmers benefitted

Founder: Gurusiddheshwar Hiremath

Email: guru@nexenstial.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

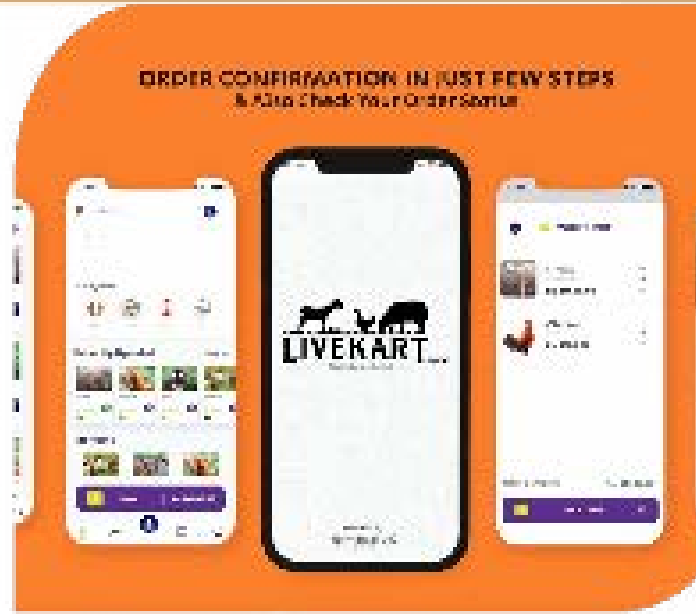
Lack of existing platforms to connect the livestock farmers and B2B, and B2C market segments

Tech Brief

The startup is working on a Marketplace for farmers, businesses, and consumers for livestock online transactions.

Product USP

- The Breeders or the One who raises the livestock has not been included in any of the current systems.
- The platform will also contain Medical Advisory by certified Veterinary Doctors. Finance Data & Grant for Aids from the Government will also be listed for the users.
- The App or the Services will be linked to FPOs from where the farmers are onboarded to the portal.



200+

Number of farmers benefited



100+

Paid Customers



Nutrica Supplements LLP

We bring in the better way to Animal health.

Founder: Sunil Jalawadi

Email: nutricasupplements@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: UAS, Dharwad



Problem Statement

Lack of herbal products that promote the growth and prevents the occurrence of diseases in both poultry and cattle.

Tech Brief

The startup is providing 'novel low-cost herbal and plant-based extracts including bioactive ingredients and vitamins mineral mixtures' which promotes growth and prevents the occurrence of diseases in both poultry and cattle.

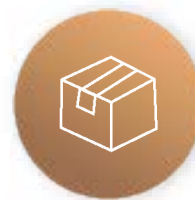
Product USP

- Help in growth and maintenance.
- Increase the production capacity of farm animals.
- Helps in the structural development/ skeletal development of any animal.



1000+

Number of farmers benefitted



08

Number of products in the market



200+

Paid Customers



Unostar Biochem India Pvt. Ltd.

Improving Agriculture, improving lives
unostarbiochem.com

Founder: Parashuram Mahadev Mangnaik

Email: parashuram@unostarbiochem.com

Foundation Year: 2017

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

Absence of eco-friendly and residual-free disinfectants for veterinary and agriculture.

Tech Brief

The startup provides disinfectants, developed using ingredients that do not leave any residual effect behind and also don't have any harmful effect on animals, plants, and human beings

Product USP

Disinfectant developed is anti-microbial which acts on all kinds of surface pathogens like bacteria, fungi, virus, etc. and disintegrates into nascent oxygen and water leaving no residual effect.



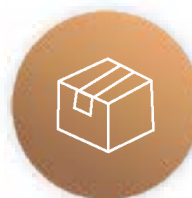
10 States

Geographical Coverage



2000+

Number of farmers benefitted



30

Number of products in the market



10000+

Paid Customers



Manjha Technologies

Matsya kisaano ki ek nayi udaan
www.manjha.in

Founder: Shobhit Aggarwal

Email: cashobhitagg@gmail.com

Foundation Year: 2021

Location: Haryana

Incubated at: Anand Agricultural University, Gujarat

Problem Statement

Lack of online tool for tracking of aquaculture supply chain as well as for procuring quality inputs.

Tech Brief

Startup has developed an online store and application 'Manjha' where the user can buy inputs such as fish and shrimp feeds, medicines, equipments etc. It also suggests the users about nearby sources for procuring inputs, based on user location while also providing doorstep delivery.

Product USP

First to market- In mapping potential aquaculture livestock or access to nearby farmers/hatcheries



10000+

Number of farmers benefitted



12000+

Paid Customers



8 States

Geographical Coverage

Prayas Agro Farms

Founder: Ajit Jadhav

Email: ajitj8907@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Lack of integrated services to farmers.

Tech Brief

Startup is doing integrated farming by providing end to end support and inputs to the farmers and further procuring the produce and selling it to customers.

Product USP

- Integrated approach
- Savings on input costs
- Vast product profile to attract more customer



100+

Number of farmers
benefitted



50+

Paid Customers



Ocean Farms

Reimagining Agriculture

Founder: Akshay Jadhav

Email: oceanfarms@outlook.com

Foundation Year: 2022

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology

Problem Statement

Unexplored potential of coastal areas of Maharashtra for seaweed cultivation.

Tech Brief

Seaweed cultivation on the coastal regions of Maharashtra and development of Seaweed based products.

Product USP

Highly nutritious, cost effective



Mandeshi Goat Farm

Founder: Sharmila Gaikwad

Email: maandeshigoatfarm@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Unorganized nature of the goat farming supply chain leading to sub-optimal price realization for the farmers.

Tech Brief

Creating a goat farming cluster for sustainable supply chain of meat and goat milk products and empowerment of rural women through hands on training.

Product USP

Cluster based approach, consistent supply assurance



200+

Number of farmers benefitted



100+

Paid Customers



Bioprobe Lab Pvt. Ltd.

We develop technology to animal husbandry & agriculture through inspired innovations
www.biopobelab.in

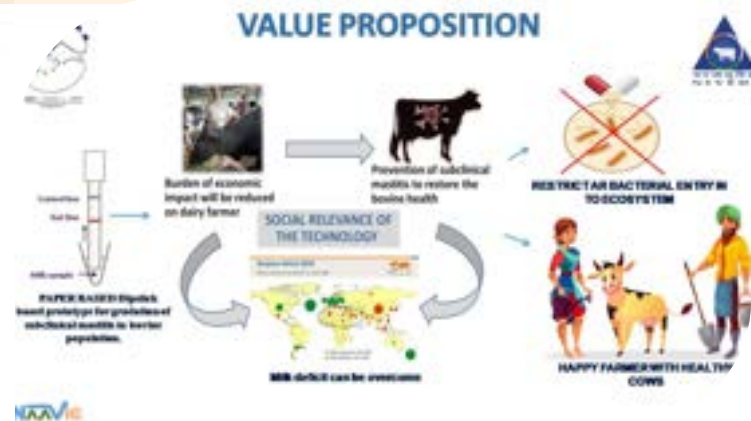
Founder: Dr. Padmaja RJ

Email: prd@biopobelab.in

Foundation Year: 2019

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Absence of a solution for onsite detection of *Staphylococcus aureus* associated Bovine Mastitis.

Tech Brief

Developed a point-of-care dipstick assay for on-site farm monitoring and detection of *S. aureus* Pre-Subclinical Bovine Mastitis.

Product USP

First in Asia to detect bovine mastitis at sub-clinical phase.



100+
(In prototype stage)
Number of farmers
benefitted



Gujarat Veterinary Research and Diagnostic Center

"ONE HEALTH" in focus
www.gvrdc.in

Founder: Dr. Dhaval Hirani

Email: hortipravin@gmail.com

Foundation Year: 2018

Location: Gujarat

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Dependence on imported diagnostic kits for testing and evaluation of animals.

Tech Brief

Develop Indian made diagnostics kits for veterinarians as well as farmers.

Product USP

Quality, Reliability, Sensitivity & Economical.



1000+

Number of farmers benefitted



2000+

Paid Customers



LNS FarmerInfo LLP

Cattle Health is Farmers Wealth

Founder: Shiva Sumanth Reddy

Email: sumanthdsatm@gmail.com

Foundation Year: 2021

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of digital tools for identification of cattle diseases.

Tech Brief

Developed 'Dairy Friend Application' to be used by farmers for identifying cattle diseases like Heat Stress, Theileriosis, Babesiosis and Anaplasmosis in an early stage.

Product USP

The haemoprotzoan diseases can be identified through portable device and Heat stress will be identified by Sensors.

Develop application Integrating essential services to farmers



100+

Number of farmers benefitted



50+

Paid Customers



Magnimous Info Tech Pvt. Ltd.

Affordable biosensors for the early monitoring of diseases, pathogens
www.magnimous.com

Founder: Dr. Kumudha

Email: kumudha@magnimous.com

Foundation Year: 2018

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of technology solutions for monitoring of animal health and detection of diseases.

Tech Brief

Startup has developed a non-invasive wearable device for monitoring animal health by measuring body temperature/heat pertaining to Estrous Cycle and by identifying electrolyte levels like Sodium and Potassium.

Product USP

- The Wearable device can measure estrous cycle temperature, electrolyte balance in real-time.
- Can replace current conventional assay/techniques, which will reduce overall medical expense for users.
- It gets more insightful physiological information from animal, and cloud computing for data storage & enable faster processing.



250+

Number of farmers benefitted



500+

Paid Customers



Paw Mates

App based solution for veterinary service

Founder: Dr. Samrudh M C

Email: samrudhmahadi@gmail.com

Foundation Year: 2019

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Problem Statement

Lack of digital platform for providing expert pet health advisory.

Tech Brief

Paw Mates is app-based telehealth platform offering video meetings with veterinarians, directly in the user's smartphone, tablet or computer for immediate assessment of the pet's health status and better advice for the same.

Product USP

- Web/Mobile Technology based solution easily accessible 24/7 by experienced Veterinary Doctors.
- Tele-health services for pets anytime and anywhere by experienced veterinarian.
- Cost effective and right at the fingertips of the user, a veterinarian wherever and whenever in need.



500+

Number of farmers benefitted



1000+

Paid Customers



Peptomer Therapeutics Pvt. Ltd.

Peptides to Polymers for Antimicrobial Resistance

www.peptomertherapeutics.com

Founder: Kantaraja Chindera, Manohar Mahato, Ravindra P Veeranna

Email: info@peptomertherapeutics.com

Foundation Year: 2020

Location: Delhi

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru

Potential of Existing Antimicrobials



Problem Statement

Lack of treatment for mastitis that doesn't cause Antimicrobial Resistance.

Tech Brief

Developed a lead molecule active against drug resistant microbes. Conducting rigorous in vivo and toxicity studies to offer a novel solution to mastitis in particular and AMR in general.

Product USP

- Active against wide variety of drug resistant microbes: bacteria, fungi and mycoplasma
- Bypass bacterial resistance mechanisms
- Avoid repeat administration
- Useful for both human and veterinary medicine



Trieen Health Care Pvt. Ltd.

We are developing solutions for mastitis prevention

Founder: Prashanth Thimma Reddy

Email: trieenehealth@gmail.com

Foundation Year: 2018

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of mastitis prevention products to be used in dairy farming.

Tech Brief

Developed a low-cost ozonated oil-based product for mastitis prevention.

Product USP

Can reduce the chances of mastitis by 90%



200+

Number of farmers benefitted



50+

Paid Customers



Vetzz

Accessible Healthcare for Animals

www.vetzz.org

Founder: Swetang Sharma

Email: swetang1@vetzz.org

Foundation Year: 2017

Location: Karnataka

Incubated at: National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru



Problem Statement

Lack of access to reliable veterinary healthcare across the country.

Tech Brief

Mobile Digital Platform to connect animal owners and vets. Customers and Vets can log into respective apps and connect for consultation.

Product USP

Fast growing network of vets. Currently 500 plus vets covering 3 major regions in India. Capability of treating most species and diseases. Also supplying medicines and products as prescribed by vet.



10000+

Number of farmers benefitted



25000+

Paid Customers



Kraftinn Home Decor India Pvt. Ltd.

Crafted by Nature
www.kraftinn.com

Founder: Parikshit & Pramathesh Borkotoky

Email: parikshit@kraftinn.com

Foundation Year: 2015

Location: Assam

Incubated at: AAU, Jorhat

Problem Statement

High non-biodegradable waste generated by consumer household purchases (40% of the total), and a lack of viable alternatives.

Tech Brief

The startup is creating handicraft products made up of natural climate friendly material such as bamboo, water hyacinth, jute, cane, etc. sourced from the farmers of Assam by following a low cost micro-factory concept.

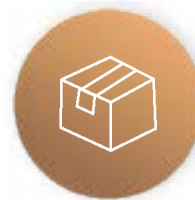
Product USP

- All the products are made of climate friendly materials like bamboo, waterhyacinth, jute, cane etc.
- Differentiated product lines as we have design in-house, assembly in-house, non-core manufacturing via suppliers. We scale via our micro factory concept
- D2C brand where we own the customer experience and brand



1000+

Number of farmers benefitted



40

Number of products in the market



30000+

Paid Customers



Symbiotic Foods Pvt. Ltd.

An innovative rural venture
www.symbioticfoods.in

Founder: Manoj Kumar Bosumatary

Email: mkbasumatary@gmail.com

Foundation Year: 2016

Location: Assam

Incubated at: AAU, Jorhat

Problem Statement

Lack of hygienic and traceable pork products to the customers, especially in North East India where pork and pork products are considered a delicacy. Absence of an ecosystem to produce quality pork products while working closely with farmers.

Tech Brief

The startup offers technology-based services to pork farmers such as end to end traceability, AI for breed improvement, online veterinary support to farmers, quality feed availability, as well as forward and backward linkages. The startup also has a pig farm of its own where it is following all the above mentioned technological interventions and manufacturing hygienic pork products.

Product USP

- Traceability of the meat.
- All animals raised in dry feeds.
- Quality consistency.
- Creating a Social impact by creating Self-employment opportunities for the youths of North east India through Scientific Commercial Piggery.



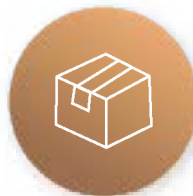
6 States

Geographical Coverage



10000+

Number of farmers benefitted



05

Number of products in the market



2 lac+

Paid Customers



Jeev Anksh Eco Products Pvt. Ltd.

Marketplace for healthy, organic and ecofriendly lifestyle
www.jeevanksh.com

Founder: Gunajit Brahma

Email: sampark@jeevanksh.com

Foundation Year: 2012

Location: Assam

Incubated at: AAU, Jorhat



Problem Statement

High demand but low availability of organic products from the Northeast and associated supply chain issues.

Tech Brief

The startup has developed an online marketplace focussed on organic products from the North-east. It allows product discover, digital order processing, and online payment. The products are procured from local farmers thus giving an alternate marketplace to them.

Product USP

- Online marketplace for product discovery; digital order processing and digital payment
- Certified Organic products; GI tagged products



10000+

Number of farmers benefitted



50+

(B2B customers)
Paid Customers



10 States

Geographical Coverage



North East Animal Farming Initiative

To Make North East Export Hub Of Value Added Products Of Indigenous/Exotic Meats

www.northeastmeats.co.in

Founder: Kitkhia Kharkongor

Email: northeastahi@gmail.com

Foundation Year: 2021

Location: Assam

Incubated at: College of Horticulture and Forestry, CAU, Pasighat

Problem Statement

Lack of technologies for value adding of meat products from North-East and thus low export.

Tech Brief

Startup is using innovative technologies to value add and stabilize meat products and exporting across the country.

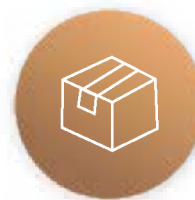
Product USP

- Technologies licensed from CFTRI
- Value added shelf-stable products and do not need cold temperature.
- Focused on ACT EAST policy, exports promotion from North East.



100+

Number of farmers benefitted



15

Number of products in the market



250+

Paid Customers



Zo Mushrooms

Integrated project of Mushroom spawning, cultivation & processing

Founder: Francis Lalmalsawma Sailo

Email: fsailo039@gmail.com

Foundation Year: 2019

Location: Mizoram

Incubated at: College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl



Problem Statement

Scarcity of quality mushroom spawn in the market.

Tech Brief

Startup is providing high-quality mushroom spawn for cultivation of mushrooms at a commercial scale.

Product USP

- Setup state of the art laboratory for tissue culture, spawning and R&D purposes.
- Introduced low-cost cropping room, liquid culture, saw dust based substrate and ready to harvest mushroom block.



500+

Number of farmers benefitted



2000+

Paid Customers



Bio Inspro Pvt. Ltd.

Waste to feed

Founder: Jaiteshwar Singh

Email: jaiteshwar@yahoo.com

Foundation Year: 2022

Location: Punjab

Incubated at: Punjab Agricultural University, Ludhiana

Problem Statement

Rising costs of bird feed and lack of high protein substitutes leading to poor egg quality.

Tech Brief

The startup is producing low-cost livestock feed by breeding and rearing black soldier fly larvae as a protein substitute, hence resulting in better quality egg.

Product USP

- Significantly lower cost of production therefore lower selling price as compared to other low cost protein substitutes available.
- Highly palatable to the bird as it is part of the birds natural diet, therefore resulting in higher egg production.
- Highly nutritious and a very well balanced amino acid and mineral profile, making it a high quality protein source, resulting in better quality egg.



50+

Number of farmers benefitted



200+

Paid Customers

Aquapure Feed Pvt. Ltd.

Founder: Khushbu

Email: aquapurefeed@gmail.com

Foundation Year: 2022

Location: Haryana

Incubated at: CCS Haryana Agriculture University, Hisar



Problem Statement

Limited innovations in the shrimp feed sector to promote allied agriculture activities of the farmer.

Product USP

High protein and adequate mineral composition.

Tech Brief

An economical Azolla-based shrimp feed having high protein and adequate mineral composition which is suitable for freshwater shrimp farming. Technology helped to promote allied agriculture activities which are necessary for farmers' livelihoods.



150+

Number of farmers benefitted



Autosaida Laketech Pvt. Ltd.

Don't ask us WHY, ask yourself WHY not.
www.autosaida.com

Founder: Uttam Kumar Acharya
Email: uttamsbuacharya@gmail.com
Foundation Year: 2020
Location: Orissa
Incubated at: NIAM, Jaipur



Problem Statement

Lack of technology for addressing low oxygen level in ponds and lakes.

Tech Brief

Developed a micro-nano bubble assisted technology for water source oxygen upliftment.

Product USP

- Chemical-free, sustainable technology
- Low cost and eco-friendly technology



100+
Number of farmers
benefitted



500+
Paid Customers



Prakrutibandhu Agritech Pvt. Ltd.

Save energy with pride

Founder: Priyaranjan Das

Email: odishabandhu@gmail.com

Foundation Year: 2021

Location: Orissa

Incubated at: NIAM, Jaipur

Problem Statement

Lack of cost-effective water cleaning instruments leading to the adoption of high-cost water cleaning methods and instruments by fish and prawn growers.

Tech Brief

The startup is providing a cost effective technique of water cleaning using organic bio ball filter cum aeration kit (a self-patented product) ideal for both urban and waste rural based water treatment, fish and prawn growers.

Product USP

- Bio filter which is manufactured by the tribal villagers are used for water treatment.
- It can withstand the corrosion for 3 years.
- It can be used again once recharged.
- Environment friendly and almost all kind of saplings can be produced on the filter bed.



100+

Number of farmers benefitted



50+

Paid Customers



Cognovative Technologies And Solutions Pvt. Ltd.

www.cognovativetech.com

Founder: S Mahajan

Email: smahajan@cognovativetech.com

Foundation Year: 2020

Location: Karnataka

Incubated at: UAS, Dharwad

Problem Statement

The use of unsafe plastic twine used to tie the bales is often consumed by the cattle and creates serious health issues.

Tech Brief

- The startup makes twines from Banana Fiber which is edible, durable, environment friendly, and safe for cattle
- The startup provides breeding Services through various breeds maintained at its facility or sells cross-bred Male Goats to Farmers/Shepherds.

Product USP

Highest value proposition from waste product



200+

Number of farmers benefitted



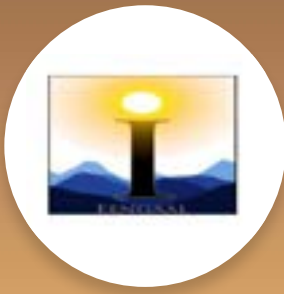
100+

Paid Customers



Pan India

Geographical Coverage



M/s Eengaal

Fisheries at its Finest!

<http://elfood.in/>

Founder: Tensubam Wanglemba

Email: eengaal@gmail.com

Foundation Year: 2020

Location: Manipur

Incubated at: College of Fisheries, CAU,
Lembucherra

Problem Statement

Non availability of quality Shidal/Ngari dried fish with appropriate packaging.

Tech Brief

Manufacturing high quality Shidal in a hygienic manner without using any chemicals for fermentation and packaging in eco-friendly material leading to increased shelf life.

Product USP

- Using proper packaging to prevent leaching of very stringent odour, making it suitable for selling in any grocery shops or mall.
- Only company using eco-friendly packaging for Shidal in North East India.



100+

Number of farmers benefitted



2000+

Paid Customers



Pan India

Geographical Coverage

07

OTHERS





Krishi Gurukulam Pvt. Ltd.

Learn & Earn without Burn
www.krishigurukulam.com

Founder: Saurabh Gautam

Email: krishigurukulam@gmail.com

Foundation Year: 2022

Location: Uttar Pradesh

Incubated at: CCS Haryana Agriculture University, Hisar

Problem Statement

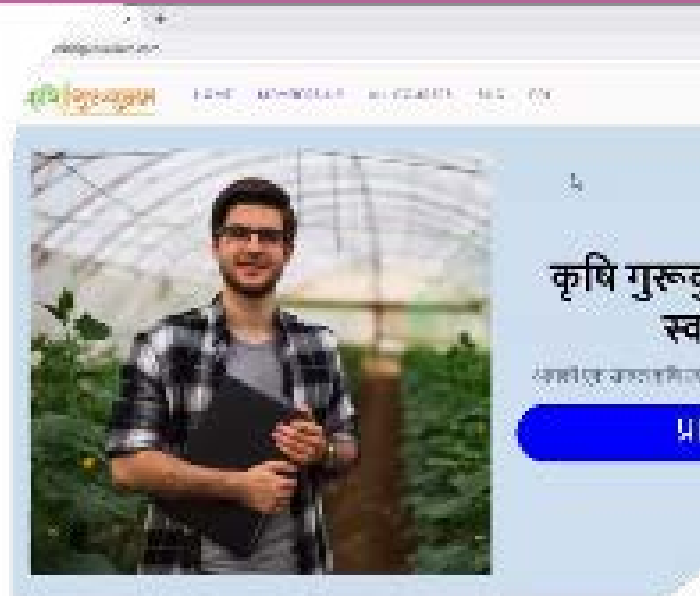
Lack of effective e - learning platforms for farmers and agripreneurs.

Tech Brief

The start up has developed Digital marketplace as an e-learning platform for skill development & resources access for cultivating motivated entrepreneurship. Krishi Gurukulam is a web based Online School for agripreneurs, farmers, SHGs, FPOs, PRIs. It provides one stop 24X7 access to curated knowledge, skill and resources in vernacular languages.

Product USP

- Vernacular including major tribal languages.
- Peer Learning & Business Collaborations (Online Community)
- Training Aggregation: From knowledge Centres
- Forward Linkages: Skilling, Resources, Experts



Pan India

Geographical Coverage



20000+

Number of farmers benefitted



05

Number of products in the market



1000+

Paid Customers



Teplu Learning Pvt. Ltd.

Empowering Farmers through Digital Learning
www.teplu.in

Founder: Sanjay Bhattacharji

Email: sanjay@teplu.in

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indian Veterinary Research Institute, Bareilly

Problem Statement

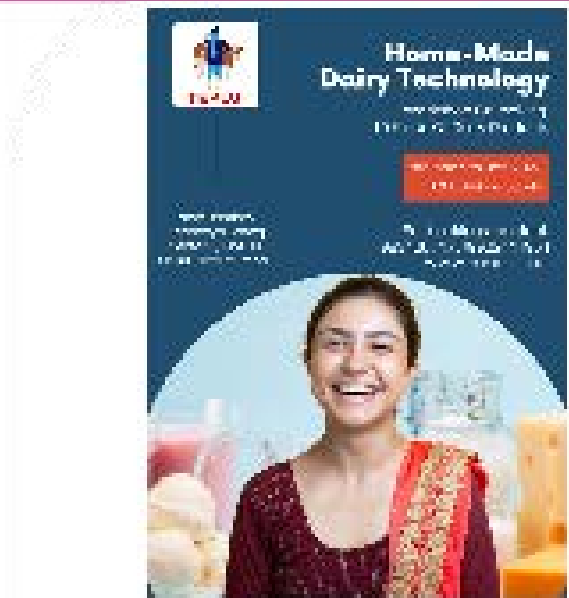
Lack of education content for Agri and allied sector farmers particularly the dairy farmers available at flexible time and in vicinity.

Tech Brief

Multilingual Online Courses on dairy farming through digital Platform with intuitive technology to educate farmers

Product USP

- Multi Lingual
- Flexibility of time for user as per their comfort
- Automatic certification on completion of course
- Online support from experts



Pan India

Geographical Coverage



10000+

Number of farmers benefitted



19

Number of products in the market



2000+

Paid Customers



Farm Educon Pvt. Ltd.

Future of Agriculture

<https://web.farmeducon.in/>

Founder: Ritesh Popalghat

Email: riteshpopalghat@gmail.com

Foundation Year: 2020

Location: Maharashtra

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Lack of access to expert advisory and recommendation for the farmer.

Tech Brief

Startup has developed an online platform where the farmer can connect with experts for crop advisory and information. It is also providing training to users for farming and kitchen gardening through its Demo Farm.

Product USP

- Multilingual Platform
- Online consultancy
- Multi consultant open platform
- Online and field training



500+

Number of farmers benefitted



200+

Paid Customers



Pan India

Geographic Coverage



FarmTV by Shramajeevi Television Pvt. Ltd.

Let Us Grow Together
www.shramajeevi.com

Founder: Dr. Venkatramana Hegde

Email: team@shramajeevi.com

Foundation Year: 2016

Location: Karnataka

Incubated at: MANAGE, Hyderabad

Problem Statement

Insufficient agricultural extension service with limited access to knowledge resources to the farmers. Indian farm production.

Tech Brief

TV broadcast of agriculture programs on OTT – FarmTV, educating farmers with OTT TV programs.

Product USP

Only OTT TV for agriculture in India, in Kannada language



56000

Number of farmers
benefitted



Agri Tech Consultancy Services

Connecting agri professionals for a better future
www.agritechservices.in

Founder: Vamshi Mashetti

Email: vamshimashetti94@gmail.com

Foundation Year: 2018

Location: Telangana

Incubated at: NIAM, Jaipur

Problem Statement

Lack of reliable learning sources for agriculture related knowledge and skills.

Tech Brief

The startup is providing several solutions such as online courses, eBooks, seminars & trainings, scholarships & loan related information through its digital platform.

Product USP

Dedicated aggregator services portal for agricultural students and professionals



100+

Number of farmers benefitted



05

Number of products in the market



20+

Paid Customers



Zetta Farms

Passive Farming! Passive Income!
www.growpital.com

Founder: Rituraj Sharma

Email: rituraj@zettafarms.com

Foundation Year: 2020

Location: Rajasthan

Incubated at: SKN Agriculture University,
Jobner

Problem Statement

Agriculture as an investment opportunity is not available to everyone due to high ticket size and lack of awareness.

Tech Brief

The startup has created a platform to provide opportunities to invest in farm project portfolios for earning tax free fixed returns.

Product USP

Only investment product in market giving tax free fixed returns having agriculture projects as underlying assets.



200+

Number of farmers benefitted



100+

Paid Customers



Gao Shivar Krishi Paryatan Kendra ani Adivashi Jan-Jeevan

Real experience of Rural Life

Founder: Ganesh Jadhav

Email: jadhav061988@gmail.com

Foundation Year: 2022

Location: Maharashtra

Incubated at: Central Institute for
Research on Cotton Technology



Problem Statement

Lack of employment and income opportunities for farmers in tribal areas.

Tech Brief

Developing an agro-tourism model in tribal areas.

Product USP

Hands on experience of farming practices, tribal lifestyle, traditional cuisine.



100+

Number of farmers
benefitted



200+

Paid Customers

Anand Kanan Agri Tech Pvt. Ltd.

Agri Rendezvous

Founder: Dr. Awadhesh Dikshit

Email: dixitgbhu@gmail.com

Foundation Year: 2019

Location: Uttar Pradesh

Incubated at: IIT – BHU, Varanasi

Problem Statement

Absence of sources for urban residents to learn and experience rural agricultural environment.

Tech Brief

Working on creating a tourist site to experience conventional agricultural life in a village environment.

Product USP

Can also be used as store / shopping point for organic products and A2 milk supply.



Shivar Naturals Agri-Innovation Pvt. Ltd.

Skincare cosmetic base of osmanabadi goat milk
www.shivarnaturals.com

Founder: Vinayak Hegana

Email: ceo.shivar@gmail.com

Foundation Year: 2019

Location: Maharashtra

Incubated at: Indian Institute of Management, Kashipur

Problem Statement

Lack of goat milk based products in the market.

Tech Brief

Startup is producing skincare products made from Osmanabadi goat milk.

Product USP

Powerful antioxidant and boosts immunity against skin diseases



500

Number of farmers benefitted



10

Number of products in the market



2500+

Paid Customers



Aggois Business Solutions Pvt. Ltd.

Financial inclusion and digitisation for farmers
www.aggois.com

Founder: Prathmesh Kant

Email: prathmesh.kant@aggois.com

Foundation Year: 2017

Location: Karnataka

Incubated at: Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Problem Statement

Post-harvest liquidity problem for farmers, inability to increase their income and dependence upon local money lenders.

Tech Brief

Startup's solution is an MSP Invoice Discounting-a-product and process innovation for providing invoice discounting facilities to farmers. Enables farmers to receive advance money (loan) against guaranteed cashflows coming from sales of their products to the government or institutional buyers.

Product USP

- Direct disbursements into farmer's account
- Semi collateralised financing
- Unconventional channel partnerships



2000+

Number of farmers benefitted



1000+

Paid Customers



Pusa Krishi is a special purpose initiative of ICAR-IARI (Indian Council of Agricultural Research – Indian Agricultural Research Institute)

Pusa Krishi is an agriculture innovation hub known for its world-class technology, deep sector knowledge, and transformational impact. As the single nodal agency under the Ministry of Agriculture & Farmers' Welfare, Government of India – for the biggest agri-business incubation scheme RKVY-RAFTAAR – we work day in & day out to create better lives by making agriculture easy, inclusive, and remunerative.

We help idea generators, innovators & entrepreneurs develop capacity, technology, and skills to navigate the market. We have the strongest agriculture network in India with 3 Lakh+ farmers, 500+ scientists, 200+ alumni startups, and some of the top-end industry partners in the country.

Credits

Principle In - Charges (PIs)

- Dr. Ramesh Mittal, Director, CCS NIAM, Jaipur
- Dr. Saravanan Raj, Director (Agricultural Extension), MANAGE, Hyderabad
- Dr. A. S. Vastrad, Dean, Student Welfare, Chairman CIC & PI, CEO, UAS, Dharwad
- Dr. Danish Tamuly, Co PI & Director on Board, AAU Incubator, AAU, Jorhat
- Dr. Anil Kumar Tripathi, PI - CEO & Dean (College of Agriculture), College of Horticulture & Forestry, CAU, Pasighat
- Dr. Ashok Kumar Bharimalla, Senior Scientist, CBPD (PI & CEO), ICAR-CIRCOT, Mumbai
- Dr. Ashok Kumar Gupta, Dean & Faculty Chairman, SKN College of Agriculture & PI, S-ABI, SKNAU, Jobner
- Dr. A.V.Gnanasambandam, CEO, ABIS, TNAU, Coimbatore
- Dr. Bablu Kumar, PI, RABI, ICAR-IVRI, Izatnagar, Bareilly
- Dr. B. Dayakar Rao, CEO, Nutrihub, ICAR - IIMR, Hyderabad
- Dr. G.A.K. Kumar, Principal Scientist & PI of VIKAS R-ABI, ICAR - NRRI, Cuttack
- Dr. Gusheized Waikhom, PI - CEO, RABI, and Associate Professor, College of Fisheries, CAU, Lembucherra
- Dr. H. Prasad, PI & CEO, RABI, College of Veterinary Sciences & Animal Husbandry, CAU, Aizawl
- Dr. Hridayesh Pandey, Associate Professor and Head (Co-PI), RABI, AAU, Anand
- Dr. Hulas Pathak, PI & CEO -IGKV RABI, IGKV, Raipur
- Prof. Jyoti Kachroo, Director (P&M), Head-AEABM & PI, R-ABI, SKUAST, Jammu
- Dr. K. P. Sudheer, Professor and Head, Agri-Business Incubator, KAU, Thrissur
- Dr. P. Bala Hussain Reddy, Sr. Scientist, Agricultural Extension and PI & CEO, RABI, ANGRAU, Tirupati
- Dr. Rajesh Gera, PI, RABI, CCSHAU, Hisar
- Prof. Rajnesh Tyagi, PI, RABI, IIT - BHU, Varanasi
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- Dr. Y. S. Dhaliwal, Co-PI, RABI, CSK HPKV, Palampur

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- Mr. Nikunj Soni, Assistant Manager, RABI, AAU, Anand
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- Dr. Shreya V. Amarapurkar, Manager - Marketing and Communication, RABI, UAS, Dharwad

Team Pusa Krishi, ICAR-IARI

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- Mr. Kiran RS, Manager - Finance & ICT
- Ms. Megha Chopra, Executive Officer
- Ms. Monisha Bahuguna, Incubation Manager
- Ms. Nisha Jaiswal, Executive Officer
- Dr. Harminder Singh, Research Associate
- Ms. Payal Phore, Technical Assistant
- Mr. Saurabh Rathore, Account Administrator

Special Thanks

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- Ms. Chhavi Jha, Ex-Joint Secretary - RKVY, DA&FW, MoA&FW, Government of India
- Mr. Ashish Kumar Srivastava, Joint Secretary - RKVY, DA&FW, MoA&FW, Government of India
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