



FOUNDATION FOR
INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT

FOUNDATION FOR INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT

A HANDBOOK OF THE MOST PROMISING

AGRICULTURAL STARTUPS OF INDIA

Funded by RKVY- RAFTAAR



GREENPOD LABS

SAHAS PROGRAM

This startup is working on a smart packaging solution which consists of active materials to increase the durability of the farm products. The product would potentially be placed over the fruit/vegetable crates, and a controlled environment would be created to increase the durability of the products inside the crate.



FOUNDER

**DEEPAK KUMAR
DURAIVELU RAJMOHAN**

SECTOR

Post Harvest Management

STATE

TAMIL NADU

VISHWAVARAD ENGINEERING LLP

SAHAS PROGRAM

This startup manufactures Agricultural Stone Removal Machine that comprises a slanted metal sheet which is pivoted deep into the soil, and the mixture of the soil and stones are transferred to the strainer section. The strainer continuously oscillates and separates the stones from the soil. The soil falls down in the farm and separated stones are transferred to the collector section. Stones assemble in the collector which are then discarded at an appropriate place.



FOUNDER

HARSHAD TANAJI MAGAR

SECTOR

Agricultural Machineries

STATE

MAHARASTRA

VISHWA AUTOTECH LLP

SAHAS PROGRAM

Garuda Agriculture Sprayer

India is the country of agriculture, and farmers are the backbone of the agriculture industry. However, it is not a hidden fact that farmers constantly face struggle and economic poverty. While there are numerous reasons behind the plight of farmers, one of them is the lesser mechanization of farming and high costs of equipment. Garuda wants to be a venture that bridges this gap by providing mechanical products to the farmers that reduce the input costs in farm and enhance the per unit yield.



FOUNDER

SAGAR LONDHE

SECTOR

Agricultural Machineries

STATE

MAHARASTRA

KUNINDA AGRO PVT LTD

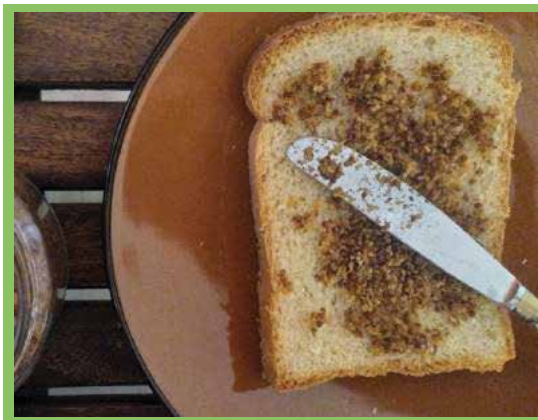
SAHAS PROGRAM

Mustardwale

There is always a demand for clean, natural and fresh products. This startup is selling organic mustard to cater to this demand. All these products are vegan, basically meaning that nothing comes from animals, jaggery and several such substitutes are used as substitutes instead of honey. The intention of doing that is to make the production model sustainable and to ensure that the ingredients can be grown and manufactured locally, thereby allowing quality control and giving traditional crops/ingredients a new usage.

The names of these five flavors are as follows:

Bavarian Mustard - Spicy and sweet, Mellow Yellow - Sweet and pungent, Garlic Mustard - Garlic, Mirchi Mustard - Chili, Classic Mustard - Inspired by the French Moutarde à l'ancienne. It is a simple pungent, slightly sweet and sharp mustard



FOUNDER

**RADHIKA SINGH &
KABIR SINGH**

SECTOR

Food Processing

STATE

UTTARAKHAND

BEAUTILISHIYA PRODUCTS PVT LTD

SAKSHAM PROGRAM

Organiko

Organiko Beautifying Life is a social-innovation which is manufacturing and selling skin care products made of donkey milk. Donkey milk products are not explored in India, as people are superstitious and are unknown to the benefits of donkey milk. It is a proven remedy for all age groups and skin types as it has high levels of proteins, phospholipids and ceramides which helps to regenerate skin. Organiko is a first mover in this industry as they see the potential and miracles that donkey milk beholds. Organiko doesn't just provide natural skin care products to its customers, but is also improving the rural economy by uplifting donkey owners and saving the decreasing donkey population in india.



FOUNDER

POOJA KAUL

SECTOR

Beauty & Wellness

STATE

DELHI NCR

BROWN SOIL

SAKSHAM PROGRAM

Brown Soil is an online platform app that enables kirana store owners to connect with farmers as well as with the consumers. This app ensure fair pricing, ethical practices, and quick payment for all the parties concerned. It would also empower the kirana stores to optimize their stock levels and forecast future demands through consumer insights, analytics. Through this app, Kirana stores would achieve high sales based on efficient ordering and on-time delivery, and cost minimization through inventory optimization.



FOUNDER

VIKAS GULIA

SECTOR

Agri Commercial Retailing

STATE

HARYANA

CARPRO TECHNOLOGIES

SAKSHAM PROGRAM

Carpro Technologies makes agricultural dehydrators that enhance the shelf life of fruits, vegetables, and spices up to one year without any change in nutritional value, color, taste, and aroma of these. Moreover, there are no preservatives added. The unique and innovative drying technology from Carpro Technologies ensures that the dehydrator can dry any kind of agricultural produce ranging from fruits, vegetables, spices, to herbs, and leaves. Interestingly, the machine dehydrates in a very economical and eco-friendly manner.



FOUNDER

UTHAYA KUMAR

SECTOR

Agritech

STATE

TAMIL NADU

ENVIRAJ CONSULTING PVT LTD

SAKSHAM PROGRAM

In India 80% of the water consumed is for agriculture. Being one of the water deficient nations, it consumes much more than what is being replenished by the nature. In such a situation, modern irrigation technology is the need of the hour and that's precisely what Enviraj does. Enviraj uses IOT based drip irrigation system to monitor and control water usage. It also facilitates easy metering and controlling of fertilizers.

The main features of Smart Drip are:

- Smart Sensing and Monitoring of water usage
- It's controlled remotely.
- Provides data for analysis and planning.



FOUNDER

RAJDEEP PANDEY

SECTOR

Water Conservation

STATE

MADHYA PRADESH

FARM ORIGIN AGRO-SCIENCE PVT LTD

SAKSHAM PROGRAM

Haldivita is a balanced mixture of ingredients which boosts the effect of curcumin, known for its powerful antiseptic, antibacterial, antiviral, antifungal, anti-inflammatory, and pain reducing properties. Moreover, it is a very strong antioxidant. The company grows a special type of turmeric called Suvarna in the hills near Badrinath, Himalayas, which is extensively used in manufacturing of Haldivita. This turmeric is a high yielding type released by IISR, Calicut and it contains 8.7% of curcumin, which is extremely rare in any agricultural produce.



FOUNDER

**ANKIT KHANDURI &
SAMEER GUPTA**

SECTOR

Health Food

STATE

DELHI

GREENDAY FARMERS SOLUTION PVT LTD

SAKSHAM PROGRAM

Greenday is a retail platform through which farmers can procure all agricultural inputs, can have access to accurate information/feedback on agricultural inputs, as well as can have direct communication access to agriculture experts. The startup has partnered with several brands, including multinational companies to provide raw materials, seeds, fertilizers, implements and other agricultural inputs.



FOUNDER

PRATEEK RASTOGI

SECTOR

Agri-Input Retail

STATE

UTTAR PRADESH

GREENWAYS AGRO CONSULTING SERVICES

SAKSHAM PROGRAM

Organic vegetables sale like hot cakes. However, the issue is it's highly priced due to the huge demand for it. In such a case, why not to grow your own organic products at your home only? Mr. Venkata Krishnan, the founder of the startup-Greenways Agro Consultancy Services, offers pick & pack package product for terrace kitchen gardening. This product helps in growing 30 variety of vegetables on your own terrace and it just takes a space of around 70 square feet. In case you have issues on terrace gardening, Greenways also provides training program for non-traditional gardening.



FOUNDER

M. VENKATAKRISHNAN

SECTOR

**Shade Net House
(Agriculture)**

STATE

TAMIL NADU

HIM SHAKTI LLP

SAKSHAM PROGRAM

Himshakti; a startup by Harshit and Ando Cloe, a French national; processes and markets many indigenous products, mainly found in the hills, starting from salt to wool. However, the main aim of the startup is humanitarian.

It includes:

- Revive the lost art of making excellent woolen garments by the villagers of Pilang
- Assist the villagers of Pilang to help them get road and a primary health care center
- Promote farming in the lands that are lying redundant.



FOUNDER

HARSHIT SAHDEV

SECTOR

Manufacturing Of Food

STATE

UTTARAKHAND

INDUSTILL FARMTECH PVT LTD

SAKSHAM PROGRAM

This startup was started by Shrilesh Mande, an engineering student, as his final year project to produce a power tiller which is both, inexpensive, and safe to use. Till then, the power tillers available in the market were extremely accident prone machines as most of these were operated manually. As such, IndusTill Farmtech wants to help the farmers with a machine which is easily affordable and is controlled by machines, rather than hand held by the farmers.

Some of the features of the power tiller are:

- The product has 95% year-around-usability and helps the farmers to be self-sustainable.
- It reduces the labor cost by 50% and total input cost by 40%.
- Same operational efficiency and effectiveness as that of other power tillers from MNCs.



CO-FOUNDER

SHRILESH RAJENDRA MANDE

SECTOR

Agritech & Farm
Mechanisation

STATE

MAHARASHTRA

KRISHI ACHARYA TECHNOLOGIES PVT LTD (BIJAK)

SAKSHAM PROGRAM

Bijak is an online app that provides a B2B rating platform for bulk Agri Traders. It gives buyers and sellers better prices, increases working capital, and optimizes logistics in agriculture space through its AI based rating mechanism. Bijak is created to solve trust deficit issues with the vision of 'Optimization through accountability'. It plans to use this app generated rating data to lend buyers, through financial institutions, for their working capital requirements. Bijak App helps the user in managing their daily transaction insights based on transaction data. Its payment gateway ensures real time money transfer and its worthiness score data helps the user in establishing 'trust' in a new relationship.



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FOUNDER

NIKHIL TRIPATHI

SECTOR

B2B Rating Platform for
bulk Buyers (Agri-fintech)

STATE

HARYANA

MARKETYARD AGRISOLUTIONS PVT LTD

SAKSHAM PROGRAM

Marketyard Agrisolutions provides an online app based platform that connects all the stakeholders of farming. The most promising feature of the app is to connect the farmers with the wholesaler or a big business dealer in their market which will help to cut the cost of middlemen. Another promising feature of the app is farmers can post their queries directly into the app, and any other user, who has an answer to the posted query, can get in touch with the farmer. For example, a farmer needs a tractor for 2-3 hours to plough his field. He can post his requirement in the app, and any other farmer who has a tractor to lend can contact the needy farmer.



FOUNDER

ANIL LAXMAN LADE

SECTOR

Agritech

STATE

MAHARASHTRA

MPCG COIR LLP (MASTERY INFOTECH)

SAKSHAM PROGRAM

Mastery Infotech is a waste management, social enterprise which processes solid waste through a scientific model that's environmentally and financially sustainable. It offers professional waste collection and processing services to households, corporate clients and waste pickers. Since late 2016, it has averted over 3,000 tons of waste from dumpsites. It has customized its services to suit the requirements of corporate waste. It provides complete accountability of the waste picked up; backed by sustainability report, and dashboard support.



FOUNDER

PRAKASH CHADOKAR

SECTOR

**Waste to Wealth
Management (Agriculture)**

STATE

MADHYA PRADESH

NEOLI INTERNATIONAL PVT LTD

SAKSHAM PROGRAM

Neoli is a boutique firm specializing in hemp based products. Hemp is considered as a super crop and it can be used to produce food, cloth, construction materials, paper, and many more products. The flagship product of Neoli is Hemp Seed Oil. People at Neoli believe that Hemp Seed Oil is one stop solution for consumption and personal care, both. The other product of Neoli is Hemp Hearts, which can be used in various type of food combinations.



FOUNDER

PARIVARDHAN DANGI

SECTOR

Food & Health

STATE

UTTARAKHAND

ANATI TECHNOLOGIES PVT LTD (UNATI)

SAKSHAM PROGRAM

Unati connects buyers to suppliers through a digital platform where both the parties have the liberty to freely communicate with each other and also be able to place their orders easily ensured by quality assurance. This platform ropes in the Buyers, Suppliers, Banks (which also provide additional reliability value by providing information regarding transaction viability with suppliers), logistics, insurance and quality checks; everyone under one umbrella.



FOUNDER

UDIT SANGWAN

SECTOR

Agri Supply Chain

STATE

MADHYA PRADESH

VINSPIRE AGROTECH INDIA PVT LTD

SAKSHAM PROGRAM

Vinspire Agrotech sells innovative farm equipment to farmers. With an extensive product catalogue of more than 15 offerings, the startup has established itself as one of the leaders in the agri-tech space. In fact, the startup wants to be a one stop destination for all agricultural products. Manan Patel, founder of the startup and focuses on the R&D aspect of the venture. The startup has already received a grant of INR 1 million from Gujarat Technological University for product development and has an average revenue of INR 600k to 800k a month



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MANAN PATEL

SECTOR

Agritech

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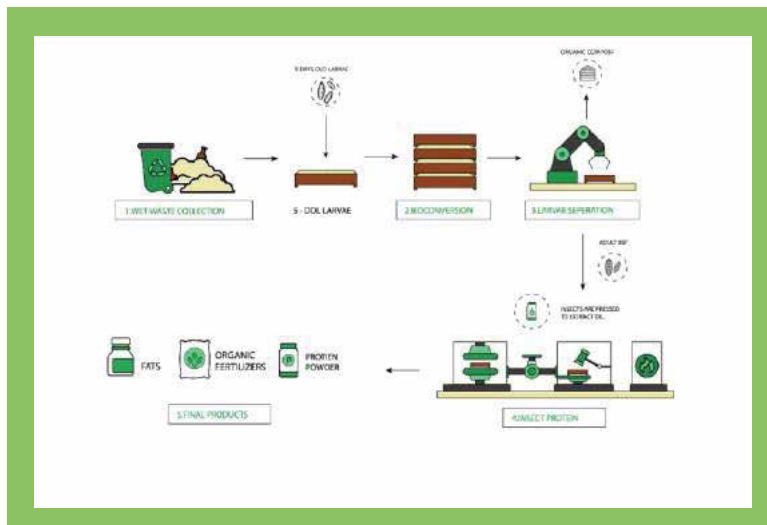
GUJARAT



LOOPWORM PVT LTD

SAKSHAM PROGRAM

Loopworm generates feed from organic waste; it generates the feed from the insects which are grown by Loopworm itself. Then it takes the insects for processing and extracts the protein out of them, which is the major source of the feed. These extracts are then used by the feed manufacturers in order to produce a feed containing balance diet.



FOUNDER

ANKIT ALOK BAGARIA

SECTOR

Agri-Biotech

STATE

KARNATAKA

ZELENCE INDUSTRIES PVT LTD

SAKSHAM PROGRAM

Zelence Industries is a pro-organic producer of agricultural, farm and industrial products. It sells directly to the farmers. It's into many products. Mr. Fish, one of its products, solves the problem of maintaining the quality and quantity of fishes which can be cultured by farmers amidst rising costs. The Poultry Drinking Water Solution helps to decrease the high rate of poultry mortality (5-10%) to 2% due to Escherichia coli and other enteric microbial pathogen related disease. Similar innovations have been made in the dairy and animal husbandry industry by introducing first of its kind product called Farmhelfer Happy Milk.



FOUNDER

BIDUS KANTI DAS

SECTOR

**Animal Husbandary,
Biotechnology (Agriculture)**

STATE

WEST BENGAL

AGRONXT SERVICES PVT LTD

SAKSHAM PROGRAM

AgroNxt is an Agriculture-technology Startup that develops products and services driven by AI for farmers. It has animal disseminators, wild animal repellants, solar insect traps, along with an online service app, FAARM, which uses satellite imagery, weather data to predict weather conditions and help the farmers in their farming processes. It also sends recommendations through the app.



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RAJATVARDHAN

SECTOR

Agritech

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