सत्यमेव जयते
Ministry Of Agriculture & Farmers Welfare
Government Of India

# tattva-2.0

A compendium of IGKV R-ABI, Raipur Agri-startups..







## Credits

### Parton

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IGKV RKVY-RAFTAAR Agribusiness Incubator (IGKV R-ABI), Raipur

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# MESSAGE FROM THE HON'BLE VICE - CHANCELLOR

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Dr. S.K. Patil
Vice Chancellor



No: PA/VC/IGKV/188/2020/629
Date: 15-12-2020

The Indian agriculture industry, pegged at currently $39.1 billion, is poised for huge growth and contribution to the global food trade. Currently, Start-ups have a vital role to play in helping farmers harness technology, which can increase crop yield and inadvertently double the income of farmers aligning the vision of Hon'ble Prime Minister. With the infusion of innovative processes and technology, the agriculture sector will move towards Atmanirbhar Bharat (self-reliant India). According to the Department for Promotion of Industry and Internal Trade (DPIIT), a cumulative Foreign Direct Investment (FDI) equity inflow of about $9.08 billion was achieved between April 2000 to March 2019 in the agriculture sector alone. With major capital inflow and disparities to be filled in the sector, it has recently seen numerous mediations by various stakeholders. According to a survey, India accounts for more than 450+ start-ups in the agri-tech space, which translates that every 9th agri-tech start-up in the world is an Indian one.

Indira Gandhi Krishi Vishwavidyalaya RKVY RAFTAAR Agribusiness Incubator (IGKV R-ABI), Raipur supported by Ministry of Agriculture & Farmers' Welfare, Govt. of India has a mandate to support early stage agripreneurs across the region to take them to next level. I am pleased to know that IGKV R-ABI, Raipur achieved some of the remarkable feats in the very first year of its operations. It ranked first amongst all R-ABIs in securing highest funding support under pre- seed stage incubation program( Rs.50 lakh) and also ranked first amongst all SAU R-ABIs in highest no. of start-ups (24) recommended for fund support, individually for both the incubation programs besides securing the highest total fund support( Rs 2.26 Cr. For its aspiring start-ups.

I am happy to present, Tattva 2.0 the profiles of 43 Agri start-ups incubated with IGKV R-ABI, Raipur for the second cohort (2020-2021) and wishing them a good luck for their future endeavours. I also congratulate entire IGKV fraternity, Dr. Hulas Pathak, Head & PI-CEO, and IGKV R-ABI, Raipur team for nurturing the start-ups and successfully concluding the first cohort in 2019-2020 with remarkable achievements and completing the second cohort of the flagship ABHINAV-2 & UDBHAV-2 programs for the year 2020-2021.

(S.K. Patil)

# PRELUDE BY THE DIRECTOR OF EXTENSION SERVICES

**Director Extension Services, IGKV, Raipur**
**INDIRA GANDHI KRISHI VISHWAVIDYALAY**
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India will have 1.7 billion people by 2050 and to keep the pace with the population, cereal production must grow by at least 4.2% every year, more than twice the current rate. Amidst plethora of challenges at various levels, India has a mammoth task to meet the domestic food demand to ensure food as well as nutritional security. To solve a problem of this scale, researchers, technology creators and entrepreneurs must work in tandem. Therefore, it is imperative to have a common platform for start-ups/entrepreneurs connecting the potential sector specific investors, researchers, industry bodies and technology enablers to achieve self sufficiency in food production and nutritional security.

Indira Gandhi Krishi Vishwavidyalaya has taken a progressive initiative by setting up an Agribusiness Incubator (IGKV R-ABI) under the RKVY RAFTAAR Scheme of Department of Agriculture Cooperation & Farmers Welfare (DAC & FW), Govt. of India, New Delhi with an aim to scout & nurture early stage agripreneurs by providing conducive environment for business growth through mentoring, technology and business support, access to investors' and corporates. In addition to this, IGKV with its access to the Krishi Vigyan Kendra's, Research Institutions and other institutes will allow the entrepreneurs to leverage the network for business growth & expansion for their start-ups.

In this publication, an earnest attempt has been made to profile IGKV R-ABI, Raipur agripreneurs incubated at 2020-2021 cohort. This publication showcases an essence of 43 different Agri-Start-ups, representing 15 sub-sectors of agriculture & allied sectors from 9 different states of India. My best wishes to the agri-start-ups and congratulations to Dr. Hulas Pathak, Head & PI-CEO, IGKV R-ABI, Raipur and his team for bringing out this edition of Tattva 2.0, A compendium of IGKV R-ABI, Raipur, start-ups.

(S.C. Mukherjee)

# FOREWORD BY HEAD & PI - CEO, IGKV R-ABI

**Dr. Hulas Pathak**
PhD (Agril. Economics), MDP (IIM-A), MDP (IIM-L),
**Head & PI- CEO, IGKV R-ABI**
**RKVY-RAFTAAR Agri - Business Incubator (R-ABI)**
**INDIRA GANDHI KRISHI VISHWAVIDYALAY**
**Raipur, Chhattisgarh INDIA**



Indira Gandhi Krishi Vishwavidyalaya RKVY RAFTAAR Agribusiness Incubator (IGKV R-ABI), Raipur, the first & only agri-innovation hub and agribusiness incubator in the state of Chhattisgarh being supported by the Department of Agriculture Cooperation & Farmers Welfare (DAC & FW), Ministry of Agriculture & Farmers Welfare, Govt. of India, New Delhi under the revamped Rastriya Krishi Vikas Yojana – Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR) Scheme. IGKV R-ABI, Raipur has been fulfilling the mandate to promote agripreneurship by mentoring, providing technical and business support services, access to financial support and nurturing the incubation ecosystem by encouraging early stage agripreneurs in agriculture and allied activities. IGKV R-ABI, Raipur has launched second cohort of its flagship program, ABHINAV-2 (Agribusiness Orientation Program) for entrepreneurs on ideation stage and UDBHAV-2 (Agribusiness Incubation Program) on early stage of acceleration after successfully completing the first cohort in 2019-2020.

I am happy to share that, of the first cohort of 35 incubated start-ups, 24 start-ups have been recommended for grant-in-aid of total Rs.2.26 Cr. IGKV R-ABI, Raipur ranked first in the country across all R-ABIs in terms of highest number of start-ups earned positive recommendation for Govt grant-in-aid support in pre-seed stage program.

I extend my heartiest gratitude to Joint Secretary (RKVY), Madam Chhavi Jha and The Department of Agriculture Cooperation & Farmers Welfare (DAC & FW), New Delhi for entrusting us with this Agribusiness Incubator. I also acknowledge the support and guidance of the State Government of Chhattisgarh for promoting this agripreneurship program. I sincerely thank Dr. S.K. Patil, Hon'ble Vice-Chancellor, IGKV, Raipur for his leadership, constant encouragement, and support in the program. I also thank Dr. Neeru Bhoosan, CEO, Pusa Krishi, IARI, New Delhi and her team for their continuous support and engagement in all facets of incubation program. I am grateful to Dr. S.C. Mukherjee, DES and Dr. R.K. Bajpai, DRS, IGKV, Raipur and the entire management for their contribution to various roles and capacities in successful execution of this incubation program. I also would like to congratulate my IGKV R-ABI team for wonderfully pooling out the resources and meticulously executing the incubation program since start.

I am sure this effort to showcasing the success stories of Start-ups nurtured by IGKV R-ABI, Raipur in the form of Tattva 2.0, would foster a culture of innovation and entrepreneurship in agriculture and allied sector besides contributing to the enrichment of the start-up ecosystem in the state of Chhattisgarh and India.

I wish all the start-ups very best in their future endeavours!

**(Dr. Hulas Pathak)**

# ABOUT

## Indira Gandhi Krishi Vishwavidyalaya (IGKV)



Established in 1987, IGKV is an autonomous, non-profit, research and educational organization working for the upliftment of farmer's livelihood of Chhattisgarh. Education, Research and Extension are the major activities coordinated through agriculture, horticulture and agricultural engineering faculties and Directorates of instruction, research, and extension.

The mission of the University is to forge ahead in teaching, research and extension services in agriculture and allied sciences. The University intends to strengthen contemporary knowledge of agricultural science to develop strong and efficient manpower that would cater to the needs of the rural areas and the society at large. To strengthen this, Vishwavidyalaya is fully determined in employing highly qualified faculties and assigning target to develop human resources, innovative and need-based technologies, and their dissemination to serve the rural masses especially farming community of this highly backward state in particular.

# ABOUT

## IGKV RKVY-RAFTAAR Agribusiness Incubator (IGKV R-ABI)

The RKVY RAFTAAR Agribusiness Incubator (IGKV R-ABI) is an Agri-innovation hub and agri-business incubation centre of Indira Gandhi Krishi Vishwavidyalaya, Raipur Chhattisgarh India. Operationalized as a project, it was sanctioned in the year 2018-2019 and operational since March 2019, is supported by the Department of Agriculture, Cooperation & Farmers Welfare (DAC & FW), Ministry of Agriculture & Farmers Welfare, Govt. of India under the revamped scheme Rashtriya Krishi Vikas Yojana – Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR).

The Project aims at strengthening infrastructure to promote Agripreneurship and agribusiness by providing financial support and nurturing the incubation ecosystem by tapping innovations and technologies for venture creation in agriculture and allied activities. IGKV R-ABI offers incubation space, technical and business mentoring, networking with agribusiness industry, scientific and information resources, conducive and supportive environment for Agri start-ups and opportunities for availing government grants-in-aid through pre-seed and seed-stage funding as per the guidelines of the RKVY-RAFTAAR Scheme.

IGKV R-ABI promotes and elevates the agripreneurs to mentoring sessions covering business, technical, IPR management, networking and market linkages, and corporate interactions including the one-on-one mentoring depending on the stage of the entrepreneurs.

## IGKV R-ABI Achievments

Under IGKV R-ABI's two flagship programs Abhinav (Agribusiness Orientation Program) and Udbhav (Agribusiness Incubation Program) in FY 2019-2020 the first cohort of 42 start-ups are incubated and nurtured through various domains of entrepreneurship development through technical and business mentoring in the areas of marketing, business planning, technology transfer, financial management, product management and product planning etc. The first cohort in, 35 start-ups graduated, and 24 start-ups earned positive recommendations in CIC meeting for the Govt. grant-in-aid funding up to 25 Lakhs being the highest with the total grant in aid (cumulative for all 24 start-ups) of 2.26Cr.

IGKV R-ABI incubated start-ups have achieved some of the great milestone by developing more than 70 innovative products, filed over 12+ IP's, generated 150+ employment, 32 DPIIT Registrations as per start-up India guideline and 4 GeM registrations. IGKV R-ABI start-ups have contributed to Chhattisgarh & Indian economy worth of INR 550 Lakhs (FY 2019-20) and over 12+ awards clinched by these start-ups at various local and national level platforms.

With the constant support from the university and the state government of Chhattisgarh,IGKV RABI has achieved some great feats in the very first year of its operation by ranking first amongst all R-ABIs(Agribusiness Incubators) in securing highest number of start-ups and Grant-in-Aid funding support earned under pre seed stage incubation program and first amongst all State Agriculture Universities in highest no. of start-ups recommended for fund support, individually for both the incubation programs and highest total fund support. IGKV R-ABI ranked second in the country (including all KPs & R-ABIs) in terms of highest number of start-ups earned positive recommendation for Govt Grant-in-Aid support in pre-seed stage program and second in the country across all R-ABIs in terms of highest number of start-ups earned positive recommendation for Govt Grant-in-Aid support in pre-seed and seed stage programs.

The second cohort for the year 2020-2021, which is recently concluded in which 43 start-ups i.e.,30 for Abhinav-2 (pre-seed) and 13 for Udbhav-2 (seed-stage) have sucessfully completed and graduated the two month (60hrs) orientation & Incubation Program.

IGKV R-ABI has state of art incubation facility spread over 6000sqft offering a cohesive infrastructure with modern facilities of over 50+ seating capacity, Wifi and internet, modern library, orientation and acceleration facilities, support for market linkages, and consulting to nurture the agribusiness start-up ecosystem in the state of Chhattisgarh and beyond.

## MISSION

Fostering Agri - Innovation & Agripreneurship for pronouced transformation in agriculture and allied sectors.

## VISION

- To be the best hub of agribusiness incubation in central India
- To empower the Indian agri-Startup ecosystem through Agri-innovation Agripreneurship
- To transform the job seekers into job creators



# IGKV R-ABI PROGRAMS

## ABHINAV 2020: Driving Ideas In Agri Innovation

### Key Benefits



Grant-in-aid
Upto ₹ 5 Lacs



8 Week Workshop



Mentorship From
Experts



Modern Research
Laboratories



Workshop Stipend
₹10,000 Per Month

### Highlights

- A Pre-seed Agripreneurship Orientation Program (AOP)
- 2 months (60 hours) training cum hands-on internship
- Convert an innovative idea into prototype/product

## UDBHAV 2020: Propelling Agri Startups For Commercialization

### Key Benefits



Grant-in-aid
Upto $ 25 Lacs



8 Week Workshop



Mentorship From
Experts



Modern Research
Laboratories

### Highlights

- Seed Stage funding Agripreneurship Incubation Program (AIP) of R-ABI
- Grant-in aid of maximum up to Rs. 25 lakhs with Minimum Viable Product (MVP)
- Assist the incubates to launch their products/services/business platforms
- Support start-ups to attract investments from angel/venture capitalists

# FOCUS AREAS



IOT & AI
in Agriculture



Processing & Value
Addition



Organic Farming



Bio-Agents
& Bio-Fertilizers



Ornamental
Aquaculture



Farm Retailing



Bio-Agents
& Bio-Fertilizers



Agricultural Engg.
& Farm
Mechanism



Protected
Cultivation &
Precision Farming



Agri Waste
To Wealth




Supply Chain
Management



Post Harvest
Management



Crop Management



Floriculture
& Landscaping



Seed Production




# abhinav-2

A Pre-seed Agripreneurship Orientation Program (AOP)



## Dr. Kush Kumar Nayak

**AgroRhiz Bioventures**

**Raipur, Chhattisgarh**

Focus Sector

**Agricultural Biotechnology**

## COMPANY PROFILE

AgroRhiz Bioventures aims to provide a solution for designing and development of a fermenter or reactor vessels for mass cultivation of plant materials (hairy roots) which would then be subsequently used $CO_2$ for extraction of secondary metabolites with reported medicinal properties.

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## Pratik Sharma

**V D Techsol Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

Farmgood is a social marketplace for organic and inorganic food that directly connects food and crop producers to nearby consumers,dealers, suppliers, and institution buyers who want to buy certified organic and inorganic food.Farmgood connect farmers to latest technology and information, organic certification, market quality input, and technical support throughout the season at affordable price.






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## Dr. Saurabh Padamshali

**Trichon Bio Labs**

**Raipur, Chhattisgarh**

Focus Sector

**Biofertilizer & Bioagents**

## COMPANY PROFILE

The startup is based on the scientific technique of mass-multiplication of bioagents like parasitoids and predators and making it available to farmers is proposed with an overview to provide farmers with a safe, economic and effective solution of pest management for sustainable farming and to save environment and human beings from ill-effects of chemical pesticides.







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## Mohd Shakeeb Khan

**Amdani Agri Logistics Solutions**

**Banki-Barabanki, Uttar Pradesh**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

Amdani Agri Logistics Solutions is a Digital B2B market solution that brings together farmers and industrial buyers through online portal and android app helping in selling the food grains of farmers and traders. It also provides facilities to the farmers in terms of regular update of the price of food grains and opportunities to sell near to the village and smart transportation facility that can be tracked with online payments between buyer and seller, product quality check options, and end-to-end logistic services.

Amdani

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## Vikram Sahu

**Sravik India LLP**

**Raipur, Chhattisgarh**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

It is B2B e-commerce start-up offering online distributors and retailers, a digital and trouble-free way to carry out B2B transactions of Agricultural equipment and products (non perishable). Their B2B platform will provide good cataloging and better search experience for both urban and rural retailers by developing a strategic partnership with distributors will allows to quickly grow customer base of retailers being served.



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## Raghav Sharad Deosthale

**S M Village Enterprise**

**Maheshwar, Madhya Pradesh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

The startup make products by dehydration and preservation of crops using specially designed solar dryers. They have a range of solar dried products. Their business model is based on selling of dried food products and customised solar dryers.







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## Shanat Ram Sahu

**Milkar Services and Solutions Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

They are an Online Marketplace for Business, Farmers , Local Business, Foods , Services, We provide local sellers a platform to promote their local business,In this, both small shopkeepers and big shopkeepers can join. Grocery stores of a small village in Chhattisgarh can also be added. Merchants with services can also join.Small and big farmers can also join this and can sell their agricultural products directly to the customer. myMobile app has many features, special thing is that it works according to the location, the local customer and local business will benefit from its use.





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## Harjeet Singh Juneja

**Juneja Foods**

**Raipur, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

The product Gud-Parag is a mouth freshener made with jaggery mixed with different healthy flavors, filled with nutrition and good for health that can be an alternative to ghutka , pan parag etc. Thier second product Gud-Tab is an organic gud tablet just like sugarfree, which will work as a sweetener for tea, coffee and few other beverages making it healthy to consume.







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## Megha Bose

**Daughters Of Design**

**Raipur, Chhattisgarh**

Focus Sector

**Agri Waste to Wealth**

## COMPANY PROFILE

The startup is working on manufacturing environment-friendly interior designing and exterior decoration products. The idea is to design and manufacture interior designing and exterior designing products from agricultural waste keeping it environment friendly and cost-effective.





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## Saba Haider

**FarmIn Tech Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

FarmIn Tech Pvt Ltd provides the best innovative farm solutions in the hands of small holder farmers. With the 'Mor Khet' mobile advisory app they will measure the nuances in a farmer's field with greater precision. The app has capability to connect all relevant stakeholders with our farmers so that they can take informed decisions much quicker. This would not only improve the farm productivity but also enables farmers with much needed confidence, we call it Farm Confidence.



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## Sangeeta Badra

**Diang Haato Pvt Ltd**

**Bhilai Nagar, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

This startup seeks to produce fancy country liquor ideated from the traditional tribal community. Diang Haato's initial plan is to produce one or two flavors of crafted beer for local distribution. Once the market has accepted the initial offering, the long-term goal is to establish microbreweries and wineries along with the tasting and tour offerings.





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## Namrata Diwaker

**Rayush Natural Fibers Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Agri Waste to Wealth**

## COMPANY PROFILE

The startup plans to extract fiber from roots and leaves of the vetiver plant and this fiber can be used for making cool scented curtains, handicraft items, table mats, clothing, and even cool fragrant face masks.





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## Romi Kumari

**Romisure OPC Pvt Ltd**

**Raurkela, Orissa**

Focus Sector

**Agri Waste to Wealth**

## COMPANY PROFILE

The startup is into manufacturing of biodegradable pens from crop residue like husk and Chaff. The pen has zero plastic body and specially designed biodegradable refill for holding the ink.



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## Ramlal Lahre

**Lahare Spectrum Company**

**Ambikapur-Surguja, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

The startup prepares ready to eat products like spicy pickles from Jaiya chilli which is a rare and wild variety found in the hilly regions of Chhattisgarh. The chili variety contains a 2% capsaicin compound which is an Anti-diabetic agent as well as it has various other pharmaceutical uses.





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## Sandip Meshram

**RS AgroAvatar Agribusiness Pvt Ltd**

**Gondiya, Maharashtra**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

They plan to prepare ice creams and shakes out of Custard apples with the aim of expanding the processing facility to other fruits.

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## Shiv Kumar Thakur

**Nainpur Hydro Energy Pvt Ltd**

**Nainpur, Madhya Pradesh**

Focus Sector

**Soil & Water Conservation**

## COMPANY PROFILE

This startup has developed a water pump that uses the energy of the water stream of the canal, reducing the cost of the irrigation of the farmers. This will help farmers to reduce the cost of fuel and electricity.



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## Vinit Kumar Sahay

**Capsicum Impex LLP**

**Jashpurnagar, Chhattisgarh**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

They are a social enterprise who empower farmers communities to learn, connect, & grow so as to scale on their own terms & pace. Their online platform is an integrated tool for farmers to sell their produce at a competitive price. The android application is designed on the lines of Zerodha Kite application.






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## Sunil Kumar Mishra

**LandKing Agro**

**Raipur, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

Land King works on the unique idea to manufacture low cost nutrious milk powder for infants by mixing banana fruit, sweet potato and milk powder while maintaining best standards at every level of production , with the aim of eliminating the malnutrition among various infants of every strata of society in the country.

LAND KING

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## Yash Raj Sahu

**Absopure Global Solution Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Natural Resource Management**

## COMPANY PROFILE

The startup is working on a technology of large convertible rain water harvest plant which harvest and filter mega amount of rain water to produce electricity using foldable solar panel that can be used for irrigation purposes.





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## Yugal Kishore

**Ayushmaan Tech Solutions**

**Raipur, Chhattisgarh**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

Ayushman solutions has developed the smart IoT enabled solar water pumping system (SWPS) that provides most reliable and efficient way of generating power to boost irrigation in agriculture while reducing the cost of labour, time, energy, and pollution by being used with efficient and customer friendly mobile app interface for remotely operating the system.



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## Bhushan Patel

**Shri Shyam Shakti Agro**

**Dhamtari, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

The startup aims to produce processed and value-added products from Cashew. The product range will consist of Cashew butter, cashew powder, etc.







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## Anshita Bajpai

**7CHAKRAS**

**Raipur, Chhattisgarh**

Focus Sector

**Medicinal & Aromatic Plants**

## COMPANY PROFILE

7CHAKRAS aims to provide preventive solution of the major chronic diseases and also improves the immunity. The medicinal solutions are 100% natural and ayurvedic. Their product claims to maintain balance between body ,mind and soul.



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## Ghanshyam Jangir

**BioEendhan LLP**

**Jhunjhunun, Rajasthan**

Focus Sector

**Agri Waste to Wealth**

## COMPANY PROFILE

This startup is into bioethanol production from rice straw that is significant sources of cellulose-rich biomass which can be converted to bioethanol with the objective of providing for cleaner environment while generating additional income for farmers, and create rural jobs.



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## Arun Kumar

**Aqua Plasma Solutions Pvt Ltd**

**Vasantnagar, Maharashtra**

Focus Sector

**Others**

## COMPANY PROFILE

Proposed business idea is about reduction of use of pesticides and inorganic fertilizers by replacing them with Plasma Activated Water. Water available for irrigation can be activated with the help of Air Plasma which changes the characteristics of water, inactivates plant related pathogenic organism and cure fungus-infected plants. This also increases the rate of germination of seeds and subsequent growth of seedlings and plants.

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## Kavitha Dev Nadimpalli

**Samarpan Natural Farms**

**Raipur, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

Samarpan Foods seek to build a sustainable value chain aimed at providing end consumers with nutrition rich millet based ready to cook products based on nutricereals Sorghum ( Jowar), Pearl (Bajra), FInger (Ragi Mandua), Foxtail (Kangni), Kodo etc directly sourced from farmers practicing organic practices.



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## Manmohan Yadav

**JH Incubators & Mushrooms**

**Korba, Chhattisgarh**

Focus Sector

**Animal Husbandry**

## COMPANY PROFILE

JH incubators and Mushrooms have developed a low-cost structure for incubating the poultry eggs at home and small levels and it is designed in small, medium, and bigger sizes as per the requirements of the customer. JH incubator is working to uplift the livelihood of small and marginal farmers in rural areas.



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## Bhumika Rathore

**Vashu Herbals**

**Naila Janjgir, Chhattisgarh**

Focus Sector

**Medicinal & Aromatic Plants**

## COMPANY PROFILE

Vashu Herbals aims to make low-cost and eco-freindly handwash and phenyl from plant sap & extract of papaya, bhringraj, neem, lemon, aloevera, tumeric, tulsi, marigold, lemongrass etc. to promote higeneic and healthy lifestyle among the consumers.





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## Akhilesh Tamrakar

**Arush Aquaponics**

**Bhilai Nagar, Chhattisgarh**

Focus Sector

**Protected Cultivation**

## COMPANY PROFILE

Aayush Aquaphonics claims to offer 100 percent chemical free fresh salads and fish that are produced in backyard and terrace of urban dwellers by utilising space available at homes and will be served to the hotels and restaurants ,malls and supermarkets by using mobile app to deliver the produce.





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## Ramadhar Dewangan

**PR Linseed Best Product Pvt Ltd**

**Champa, Chhattisgarh**

Focus Sector

**Others**

## COMPANY PROFILE

Mr. Ramadhar Dewangan is a progressive farmer reinventing making fibre from flax seed plant and producing ready to wear cloth. He also make healthy confectionery like laddo and flax brittle from Flex seed.







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## Ram Sharma

**Rash Farm OPC Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Medicinal & Aromatic Plants**

## COMPANY PROFILE

RASH is making dermacare products using medicinal and aromatic plants like turmeric and camphor.The startup has developed the prototype i.e.Turmeric Panchang Serum,Turmeric drop and Turmeric camphor sanitizer.



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IGKV R-ABI

UDBHAV

The Agri-startup Accelerator

# udbhav-2

Seed Stage Agripreneurship Incubation Program (AIP)



## Santosh Sahane

**Forecast Agrotech Innovations Pvt Ltd**

**Pune, Maharashtra**

Focus Sector

**Agri Waste to Wealth**

## COMPANY PROFILE

Forecast Agrotech Innovations Pvt Ltd is an agri startup which harnesses the potential of waste to wealth creation by efficient conversion of bio digested sludge into phosphate rich organic manure, biogas and bio-slurry enriched with beneficial microorganisms. Currently the startup has 2 units in Pune, Nashik and cloaked a revenue of INR 35.0 Lakhs by serving 1000+ farmers. The founders aim to reach to 50000 farmers by end of 2023.



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## Nishant Mohanty

**Cookduku Supplies Pvt Ltd**

**Sambalpur, Orissa**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

Cookduku is an online hyperlocal delivery platform for organically grown chicken which is sanitised, and provided in the form of raw as well as marinated meat. This platform encourages farmers to practice contract-farming of organically fed chicken with an assurance of buy-back. Cookduku currently serve the customers in Sambalpur and near regions in Odisha. The startup ensures the quality of the meat by using non-GMO feeds and Good hygienic practices.

Cookduku

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## Kuldeep Patel

**Sidharth Agro Marketing and Logistics Pvt Ltd**

**Raigarh, Chhattisgarh**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

The startup is on a mission to revolutionize the conventional supply chain using ICT App to have a better price discovery thereby ensuring better profit realization to farmers. The startup provides the consultancy services through Kisan Centres and farming community through Mobile Application and increases the communication, transparency for all buyers and sellers.




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## Pahal Bhojwani

**MABCo**

**Raipur, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

MABCo is into tasty and healthy snacks business under the brand “Pop Amaze” that is popped and made of 100% natural whole grains rice and corn blended in a variety of different flavours to satisfy different sumptuous taste buds of the customers. MABCo is committed to serve the millennials and health aware customers without compromising on taste and goodness of the wonder grains.




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## Satendra Singh Lilhare

**Bastar se Bazaar Tak Pvt Ltd**

**Kanker, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

Bastar se Bazaar Tak is a private for-profit farmer friendly agri cum social startup working on post-harvest and value addition of farm and forest produces like Custard apple fruit (Sitaphal), Palash Flower, Tamarind (Imali) and Black plum (Jamun) etc. The startup is dedicated to ensure better livelihoods and employment generation for bastar farmers, youths and local community for sustainable development of agriculture which also aligns PM's vision of AtmaNirbhar Bharat and Vocal4Local.

बस्तर से बाजार तक
BastaR se BazaaR tak

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## Anand Nahar

**ZORKO Pvt Ltd**

**Dhamtari, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

Zorko is a foodtech startup selling the Immunity Booster having it's roots derived from Ayurveda. It's proprietary formulation is a blend of nutrients and herbal ingredients which makes it perfect health supplement available affordable price.

The startup procures the raw materials directly from farmers and use the high end technology to develop the products on the philosophy of traditional practices of balancing body 'Vatt, Pitt and Kapha' for healthy growth. The founding team has conducted a series of research in association with doctors, dieticians and nutritionists before launching the product in market which caught early traction.



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## Dr. Vimal Kumar Pandey

**Biongs Technologies Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Post-Harvest Management**

## COMPANY PROFILE

BIONGS Tech is an agri startup which has a strong fundamentals and uses the deep scientific knowledge of biopolymers and has developed a nano-technology based antimicrobial product to control and manage the shelf life of the stored grains. The startup sells their product under the brand name 'Mr. Safe' which provides a non-toxic biopolymer coating over the grains and protects it from various micro-organisms. In addition, Mr. Safe is odourless, non-leaching, non-carcinogenic and has no ill impacts on environment.

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## Chinmayananda Padhy

**Udiyate Technologies Pvt Ltd**

**Bhubaneswar, Orissa**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

Udiyate Technologies is inspired with the home palate and has developed a robotic taste creator cooking system that processes beverages like tea, ajwain water or kadha etc on real time based user defined recipe created by an Mobile App. The startup is DPIIT recognised and aiming to diversify it's business through B2B channels by selling IOT intelligent machines for tea/herbal drinks dispensing. COVID-19 pandemic has unleashed the need of hygiene and handling in food and beverage segment like never before and Udiyate is aptly catering the market.



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## Dr. Menaka Bharathidasan

**SIM Organics Pvt Ltd**

**Raipur, Chhattisgarh**

Focus Sector

**Biofertilizer & Bioagents**

## COMPANY PROFILE

SIM Organics has been founded by a woman entrepreneur having done her PhD (Agribiotech) and aiming to provide an innovative foliar biofertilizer and capsules developed using nano technology. The liquid biofertilizer and capsules are sustainable bio-solutions which channelize the nitrogen fixing microbes with crop specificity. It also prevents nutrients loss through run off, volatilization and utilization by non-targeted flora and fauna resulting in lesser crop production.

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## Santosh Kumar Jha

**Sasya Systems**

**Bengaluru, Karnataka**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

Sasya Systems automates the irrigation and fertigation supply for crops in farms and protected environment using cutting edge technology thereby reducing the water loss in the tune of 15-20%. The startup also saves 30-35% of manual labour charges which in turn improves the farm incomes. Sasya provides an user friendly integrated platform of nodes, sensors, gateways, cloud and mobile application to control the various soil parameters like moisture, temperature, CO2, luminescence, humidity etc on a single click. The startup is expanding rapidly through B2C and B2B channels across multiple states of Chhattisgarh, Karnataka, AP, Telangana.



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## Nitin Dewangan

**Taru Venture LLP**

**Korba, Chhattisgarh**

Focus Sector

**Supply Chain Management**

## COMPANY PROFILE

Taru Venture LLP is promoting Lac Value Chain by creating community-owned producers' cooperatives and supporting these cooperatives in the essential functions of bulk purchase and sale of brood lac, market negotiations, loan provision etc through the provision of training, handholding, financial and market linkages and ultimately federating them into a cooperative as well. The startup is face shifting the conventional lac production and bringing the technological and professional approach to make this sector more lucrative and rewarding for the farmers and other stakehoders

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## Dharmendra Gaur

**Real Products**

**Raipur, Chhattisgarh**

Focus Sector

**Food Processing & Value Addition**

## COMPANY PROFILE

Real Products is a food tech startup harnessing the goodness of herbs and A2 grade milk to manufacture immunity boosting ice-cream targeting the customers in current pandemic. The products are made using 100% natural ingredients like Amla, Bringraj, Brahmi, Shankhpushpi, Amruth, Yastimadhu, Shatawari, Ashwagandha, Tulsi etc. with added natural flavours. The startup is currently expanding business to multiple states through dealer-distributor networks.



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## Kshitij Thakur

**Occipital Technologies Pvt Ltd**

**Mumbai, Maharashtra**

Focus Sector

**ICT, IOT & AI in Agriculture**

## COMPANY PROFILE

Occipital Tech has developed proprietary Artificial Intelligence based low-cost, multi-commodity optical sorting machine under Agrograde brand that sorts produce into different quality grades in a single go and improve the marketability. The machine has an integrated mobile application which provides the results quickly using the camera and generates a quality report instantly for price negotiations. The Startup has filed a patent for it's sorting machine, Agrograde. Currently it is serving few B2B companies in commodity procurement and aiming to scale the operations fast this FY.





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सत्यमेव जयते
Ministry Of Agriculture & Farmers Welfare
Government Of India

# INDIRA GANDHI KRISHI VISHWAVIDYALAYA, RAIPUR (C.G.)
# RKVY-RAFTAAR AGRI-BUSINESS INCUBATOR (IGKV R-ABI)

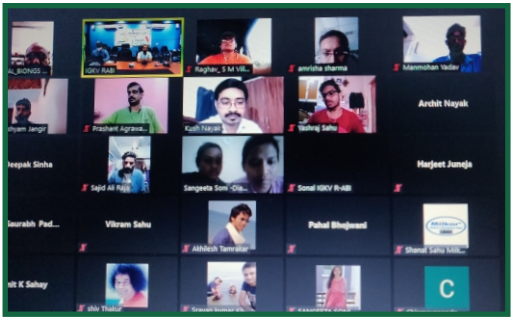
IGKV R-ABI
Abhinav
NURTURING IDEAS IN AGRI INNOVATION

Agripreneurship Orientation Programme
ABHINAV-2, 2020-21

IGKV R-ABI
UDBHAV
The Agri-startup Accelerator

Agribusiness Incubation Programme
UDBHAV-2, 2020-21

## Two Months Programme : 7th Sep - 5th Nov, 2020

















# RKVY-RAFTAAR AGRI-BUSINESS INCUBATOR (IGKV R-ABI), RAIPUR, CHHATTISGARH









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