



HIMPALAM RABI/PUB- IV/2022

**HIM PALAM RKVY-RAFTAAR AGRI-BUSINESS INCUBATOR (HIM PALAM R-ABI)
CSK HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA
PALAMPUR-176062**

**Funded by
Ministry of Agriculture & Farmers' Welfare**

**Under
“Rashtriya Krishi Vikas Yojana –Remunerative Approaches for Agriculture and Allied Sector
Rejuvenation (RKVY-RAFTAAR)”**

ANNUAL PROGRESS REPORT (2022-23)



Prepared by

Dr. Y. S. Dhaliwal, Nodal Officer (RABI)

Dr. Rajesh Thakur, Co-Nodal Officer (RABI)

Mr. Shakiv Pandit, Assistant Manager (Officiating Business Manager)

Introduction to Himachal Pradesh

Himachal Pradesh is situated in the heart of Western Himalayas with altitude varying from 300 meters to 7000 meters. It covers a geographical area of 55, 673 square kilometers, which is about 1.82 per cent of India's total area. Nature has endowed Himachal Pradesh with a wide range of agro-climatic conditions, which make it suitable for growing wide range of field and fruit crops. It comprises of four zones viz., Low hills subtropical (16% TGA), Mid hills sub-humid (21% TGA), High hills wet temperate (24% TGA) and High hills dry temperate (39% TGA) zones. The state is divided into 12 districts and 75 Tehsils for the administrative purposes. The mainstay of the people in the state is agriculture on which 67 percent population still depends. The marginal and small farmers possess 86.4 per cent of the total land holdings. The cultivated area in the state is only 11 percent. Because of hilly topography, the terraced cultivation is usually practiced in the State. About 80 % of its cultivated area is rainfed. Total area under food grains, fruits, apple, vegetables, floriculture, organic farming and tea is 790, 231, 113, 72, 0.6, 22 and 2.3 thousand hectares. There is a variety of field crops grown in the State viz., rice, wheat, maize, groundnut, soybean, sunflower, mustard, toria, urd, beans, moong, rajmash, gram, lentil, cash crops like seed potato, off-season vegetables and ginger, while fruits grown in the State are apple, mango, orange, pear, plum, peach, lime, litchi, apricot, galgal, pomegranate, etc.

Opportunities in Himachal Pradesh for sustainable agriculture

- Diverse agro-climatic conditions viz., sub-humid tropical (elevation 350-1000 m), warm and temperate (elevation 1001-1500 m), cool and temperate (elevation 1,501-2,500 m), and cold alpine and glacial (elevation 2,501- 6,975 m).
- Distinctive floral and faunal biodiversity having aesthetic, cultural, commercial and genetic values. the State harbours 3,256 floral species & 5,721 faunal species.
- 67 percent population depends on agriculture.
- Organic agriculture by default
- Crop diversification including wheat, maize, rice, barley, seed-potato, ginger, vegetables, vegetable seeds, mushrooms, chicory seeds, hops, olives, and fig.
- Apple State of India
- Known for quality tea production
- A long list of underutilized food plants in the State
- 1st State to formulate “Policy for the Registration and Protection of Geographical Indications of Goods”. H.P Patent Information Centre files application on behalf of any association of persons, producers & organizations
- Important GIs include Chamba rumal, Kangra paintings, Kangra tea, Kinnauri shawl, Kullu shawl, Karsog Kulth, Chamba Metal Crafts, Thangi of Pangi, Rajmah of Bharmour, and Chamba Chukh.
- Enhancing efficiency of production, processing and marketing of food and animal products using latest technologies
- High value and low volume crops (Kalazeera, Saffron, Kuth, heeng (*asafoetida*), etc).
- Off-season vegetables (Pea, Cabbage, Capsicum, Cauliflower, Tomato, French beans)
- Forest-based products - medicinal and aromatic plants (MAPs) like Salam Panja, Patish, Karu, Rattan jot, Somlata, etc.
- Organic/ natural farming products
- Niche based animal production (fishes, *Pahari* cows, *Gaddi* dogs, etc.)

About Him Palam RKVY-RAFTAAR Agri-Business Incubator

Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya (CSKHPKV) was established on 1st November, 1978. The University has four constituent colleges, viz. College of Agriculture with 13 departments, Dr. GC Negi College of Veterinary & Animal Sciences with 18 departments, the College of Community Science with five departments and the College of Basic Sciences with four departments. Besides, It has three Regional Research Stations, ten Research Sub-stations and eight KVKs situated in four agro-climatic zones of the State. The Indian Council of Agricultural Research has ranked this University at eleventh place among all farm universities of the country. Over the years, this University has contributed significantly in transforming the farm scenario of Himachal Pradesh. The university has contributed largely to the State for receiving the “Krishikarman award” of Government of India in food-grain production, four times in row. The University has developed and released 155 improved varieties of different crops for the different regions of the State. To enhance crop and animal productivity, the University has developed more than 100 technologies in the areas of crop improvement, animal breeding, disease combating, natural resources management, etc. For doubling the farmers’ income by 2022 as envisaged by the government, twenty farm-based models have been formulated and shared with the agriculture and animal husbandry departments of the State Government.

To promote innovation and entrepreneurship development in agriculture and allied sectors the Ministry of Agriculture and Farmers’ Welfare has established an Agri-Business Incubator under Rashtriya Krishi Vikas Yojana - Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR) scheme during 2018-19. Enhancing contribution of agriculture to the GDO and creating more job providers as compared to job seekers are the main agenda of the RKVY-RAFTAAR scheme. This incubator is known as Him Palam RKVY-RAFTAAR Agri-Business Incubator (Him Palam R-ABI) of CSKHPKV. The mission of Him Palam R-ABI is to bring agricultural prosperity in North-West Himalayas through innovation and entrepreneurship. An agricultural value chain comprises of Producers (who grow crops and raise animals) at one end, Consumers (who eat, drink, wear and use the final products) at the other end and thousands of men and women, and small and large businesses in the middle). Him Palam R-ABI is committed to promote innovation and entrepreneurship among students/ youth of India in general and of Himachal Pradesh in specific. It will focus on nurturing innovative early-stage enterprises that have high growth potential to become competitive agribusinesses. It may include commercialization of scientific agro-technologies, seed ventures (seed production, processing, and marketing), innovative ventures (based on proprietary products or novel services with good market potential), farm ventures (Integrated farming system, Natural/Contract/ precision farming, etc.), agri-biotech ventures, supply chain management ventures, etc.

Vision

Providing high-quality incubation services to agri-startups of hill agro-ecosystems.

Mission

Promoting innovation and entrepreneurship in agriculture and allied sectors as per the guidelines of Government of India.

Objectives of Him Palam R-ABI

- i) To achieve "Lab to Land" by dissemination of new technology /varieties to farmers through promoting a culture of Agri startups.

- ii) Identifying and adopting technologies appropriate for specific agribusiness enterprises.
- iii) Identifying and motivating entrepreneurs in agribusiness enterprises, frequently in rural areas.
- iv) Building commercial conduits in the form of value chains which integrate new value creating activities in rural and urban spaces.
- v) To promote innovation, entrepreneurship and business creation in agriculture and allied sector by skill development, capacity building and technology scale up.
- vi) To build a vibrant agri-startup ecosystem, by establishing a network between academia, financial institutions, industries and other related institutions.

Focus Areas



Sustainable Agriculture



Animal Husbandry



Food Processing



Natural Resource Management



Agriculture Biotechnology



Agri Input tools and Technologies



Micro Irrigation



Farm Mechanization



Precious Farming



Harvesting & Post Harvest Processing



Supply Chain Management



Farm Retailing



Internet of Things



Artificial Intelligence



Waste to Wealth



Agriculture Extension Education



Agril Clinics & Farm Health Services



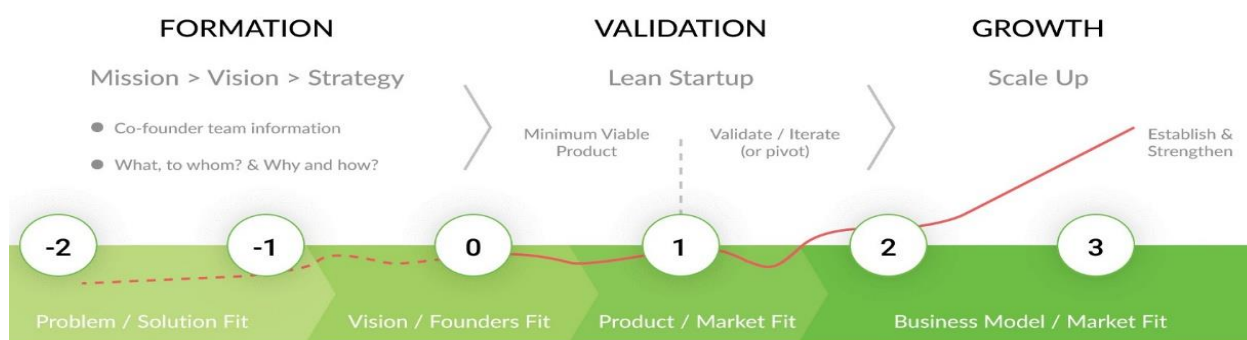
Community Sciences

Project staff

SN	Post sanctioned	Name of the official in position	Remarks
1.	Assistant Manager	Mr. Shakiv Pandit	Holding additional charge of BM
2.	Office Assistant	Mr. Babli Kumar	-

Main activities/ programmes of the Him Palam R-ABI

Basic function of the Incubator is to provide handholding support to budding entrepreneur depending upon their requirement/ startup development phase



Broadly, Him Palam R-ABI comprises of following two programmes:

I. Him-Utkarsh programme

A flight to grand business world
(Agripreneurship Incubation Program)

KEY BENEFITS



8 Week
Workshop



Mentorship with
Experts



Grant-In Aid
upto ₹ 25 lakhs



CSK HPKV
Lab Support



The programme comprises of Seed Stage Funding as grant-in-aid to Startups. This seed stage funding will be available to incubatees who are incubated at the R-ABI. Under this, financial assistance of a maximum of Rs. 25 lakhs will be granted to potential startups that have a minimum viable product (MVP) based on innovative solutions/ processes / products/ services/business models in agriculture and allied sector. The amount of Rs. 25 lakh is the upper limit of the seed fund assistance. The applicant incubatees would be provided funds as per their genuine requirements and as per appraisal/evaluation of their business plans by the RC and the decision of the RC in this regard will be final. The RC will not be bound to give any reason in case an application for seed loan is rejected. This support will assist the incubatees to launch their products/ services/ business platforms etc. into the market and help them to scale up their operations as well as to attain business viability at a faster pace. This support will also facilitate them to attract investments from angel/venture capitalists or taking loans from commercial banks /financial institutions for further scaling-up of their business operations.

1.1 Highlights

- Financial assistance of maximum up to ₹ 25 lakhs to potential startups that have a Minimum Viable Product (MVP) based on innovative solutions / processes / products / services / business model in agriculture & allied sectors.
- Screening of MVPs on the basis of their relevance to scalable business.
- This support will assist the incubatees to launch their products / services / business platforms etc. into the market and help them to attain business viability at a faster pace.
- Mandatory two months training to provide skills for translating MVP to marketable stage and scale up

the product and business.

- Based on consistent performance evaluated by Him Palam R-ABI Incubation Committee, selected incubatees will be eligible for seed funding.
- Program implementation strictly as per the guidelines issued by the MOA and FW.

2. Him-Aarambh programme

A journey from Idea to Action
(Agripreneurship Orientation Program)



KEY BENEFITS



8 Week
Workshop



Mentorship with
Experts



World Class
Research Labs



Workshop Stipend
₹10,000 per month



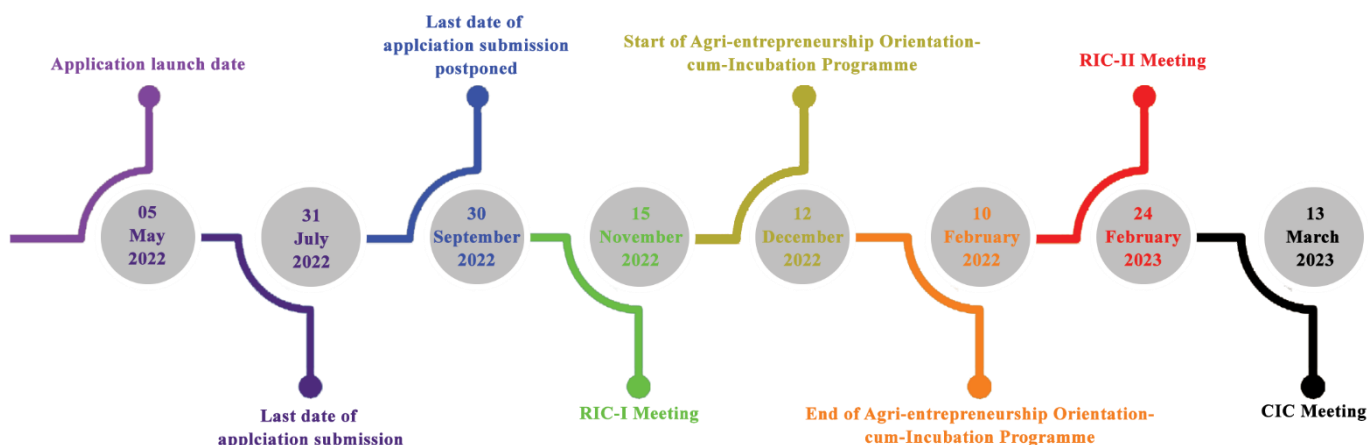
Grant-In Aid
₹5 lakhs

The programme comprises of Agri-preneurship Orientation Programme (AOP) and Pre-seed funding stage. Agri-preneurship orientation programme is aimed at providing an opportunity to students/youth to work on their innovative ideas by imparting two months training cum hands on internship with other startups at the respective R-ABI. Guided by experienced and innovative startups, they will be able to understand business concepts/nuances, strategy and practical insights of specific industries or markets, challenges and strategies to resolve them. After successful completion of the two months orientation programme, the R-ABI will facilitate incorporation of entities for all viable business ideas by the above-mentioned interns. Start-ups are trained in various aspects of the product and business development. After that, these startups will be eligible for Idea/Pre-Seed Stage Funding. Under this, subsistence grant of a maximum of Rs. 5 lakhs will be provided to interns who have successfully completed the initial two months of agri-preneurship orientation programme and are aspiring to convert their innovative idea based on technology, service, business platforms etc. into a prototype/ product. Startups supported for idea/pre-seed stage funding will be eligible for obtaining next stage of Seed Stage Funding after evaluation.

2.1 Highlights

- Opportunity to students/ youth to work on their innovative ideas on technological solutions/ processes/ products/ services/ business platforms etc. in agriculture and allied activities.
- Screening of ideas on the basis of their potential for scalable business models.
- Two months Agri-Entrepreneurship Orientation Program with a stipend @ Rs 10, 000/month/ participant.
- Selected interns eligible to apply for Idea/ Pre-Seed Stage funding of grant in aid up to ₹ 5 lakhs per startup for converting his/ her innovative idea into prototype/product as future agri startup.
- Final selection of interns by R-ABI Incubation Committee.
- Program implementation strictly as per the guidelines issued by the MOA and FW.

Launch/Start/End date of the startup programs



Him Palam RKVY- RAFTAAR Agri Business Incubator (Him Palam RABI)
CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur

launches

Him Aarambh Programme 2022
A Journey from Idea to Action

HIGHLIGHTS	KEY BENEFITS OF PROGRAM	TIMELINE
<ul style="list-style-type: none"> Students/ youth aspiring to develop scalable business model (MVP) from an innovative idea. 2-months Agripreneurship Orientation Program (AOP). Three level selection criteria. Program implementation strictly as per the guidelines issued by the MoA and FW. 	<ul style="list-style-type: none"> 8 weeks Agripreneurship Orientation Programme Quality mentorship High-tech laboratory support Stipend of ₹10,000/month during AOP Grant-in-Aid upto ₹5 lakhs 	<p>Application launch date:</p> <p>May 05, 2022</p> <p>Last date of application submission:</p> <p>Sept 30, 2022</p>

FOCUS AREAS

Apply online by clicking running message for maximum ₹5 lakhs startup Grant-in Aid on the Home Page of the University Website i.e. <http://www.hillagric.ac.in>

For any other details, contact Dr. Y.S. Dhaliwal, Nodal Officer (ABI), Mob: +91 98160 82444

Him Palam RKVY- RAFTAAR Agri Business Incubator (Him Palam RABI)
CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur

launches

Him Utkarsh Programme 2022
A Flight to Grand Business World

HIGHLIGHTS	KEY BENEFITS OF PROGRAM	TIMELINE
<ul style="list-style-type: none"> Financial assistance to potential startups that have an innovative, scalable business model (MVP) with supporting evidences. 2-months incubation programme to provide knowledge & skills for scaling-up/commercializing. Three level selection criteria. Program implementation strictly as per the guidelines issued by the MoA and FW. 	<ul style="list-style-type: none"> 8 weeks incubation programme Quality mentorship High-tech laboratory support Grant-in-Aid upto ₹25 lakhs 	<p>Application launch date:</p> <p>May 05, 2022</p> <p>Last date of application submission:</p> <p>Sept 30, 2022</p>

FOCUS AREAS

Apply online by clicking running message for maximum ₹25 lakhs startup Grant-in Aid on the Home Page of the University Website i.e. <http://www.hillagric.ac.in>

For any other details, contact Dr. Y.S. Dhaliwal, Nodal Officer (ABI), Mob: +91 98160 82444

Selection of startups w.e.f. 2019-20 to 2022-23

Programme	Total applications	Candidates selected after RIC-1	Candidates selected in RIC-II for CIC	Candidates selected in CIC
2019-2020				
Him Aarambh	79	15	9	6
Him Utkarsh	6	2	2	2
2020-2021				
Him Aarambh	35	15	9	5
Him Utkarsh	17	5	5	5
2021-2022				
Him Aarambh	65	19	8	6

Him Utkarsh	27	17	11	4
2022-2023				
Him Aarambh	24	16	10	5
Him Utkarsh	26	11	7	2
Total	279	100	61	35

Main activities planned under startup programs

Program	Activities
Him-Aarambh	<ol style="list-style-type: none"> 1. RIC-III and Final RIC meeting for 2020-21 and 2019-20 cohorts respectively on September 27th, 2022. 2. RIC-I meeting for 2022-23 cohort on November 15th, 2022. 3. Conduct of Agricultural Orientation Program as per RKVY RAFTAAR guidelines. 4. Exposure to different startups / enterprises in agriculture and allied sectors mainly through experts. 5. Mentoring services for building MVP 6. Setting up of milestones for each startup 7. providing incubation services to work on ideas 8. RIC-II meeting for 2022-23 cohort on February 24th, 2023. 9. CIC meeting for 2022-23 cohort on March 13th, 2023.
Him-Utkarsh	Above-mentioned activities but with more mentoring services towards scaling up business.

Content of Agri-entrepreneurship Orientation-cum- Incubation programme

"Say Yes to Life/ Say No to Drugs"



CSK HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA
AGRI BUSINESS INCUBATOR
PALAMPUR – 176 062 (HP)



Mobile: 98160 82444

Email: nodalofficerabi@hillagric.ac.in

Final Schedule of 2-month Agri-entrepreneurship Orientation-cum-Incubation Programme (12-12-2022 to 10-02-2023)

Objectives

- On-line capacity building of Him-Aarambh incubatees through Participatory Learning Approach and their mentoring for the refinement of their proposed MVPs.
- On-line capacity building of Him-Utkarsh incubatees through Participatory Learning Approach and their mentoring for the refinement in scaling up strategies of their MVPs

Timings

Virtual interaction session from 10.30 AM to 1.30 PM and Mentoring session from 2.30 to 5.00 pm on all working days of CSKHPKV

Lectures' schedule

SN	Date	Topic	Resource Person
1	12-12-2022	Registration of incubatees & Introduction to Mentors and Inaugural session	Honourable VC as the Chief Guest
Module I: Pre-requisites for agri-preneurship/startup development			
2	13-12-2022	Technology brief of business models/products developed/proposed by incubatees and their expectations from RABI (One page note)	Dr. YS Dhaliwal, COCS
3	14-12-2022	CSKHPKV-Agri-Technology hub and Desirable personality traits in agri-preneur	Dr. VK Sharma, Retired
4	15-12-2022	Startups-Concept, Stages, Criteria & RKVY-RAFAAR startup scheme	Dr. VK Sharma, Retired
5	16-12-2022	Entrepreneurship and schemes of supporting MSMEs	Mr Paramjit Singh, Director, RCED, Chandigarh
6	17-12-2022	Preparation of feasibility report/project report and assessment of project viability	Mr Rajan Sehgal, GM, RCED, Shimla
7	19-12-2022	Soft skills for the management of an enterprise	Mr Balbir Singh, Advisor RCED
8	20-12-2022	Communication skills for the effective agri-business	Prof Nirmal Datt, Retd. HOD, DAV College, Chandigarh
9	21-12-2022	Market research and marketing of agricultural produce	Dr M S Jairath, Retd Director, NIAM, Jaipur
10	22-12-2022	Sales and Marketing skills for the effective agri-business	Dr. VK Sharma, Retired
11	23-12-2022	Financial management in agri-business – Costing, Pricing, & main tools (break-even points, P+L, statements--), etc).	Dr Rajesh Thakur, COA
Module-II: Business model Development			
12	24-12-2022	Startup/business scope in food, agribusiness & allied technology sector	Dr Agyeya Tripathi,

13	26-12-2022	Understanding business model canvas & factors supporting a good business model.	Mentor of Change, Atal Innovation Mission, Niti Aayog
14	27-12-2022	Design thinking for creating a sustainable and scalable model	
15	28-12-2022	Understanding vision and value proposition of the business	
16	29-12-2022	Market size and segmentation in relation to a business model	
17	30-12-2022	Solution orientation for running a successful business model	
18	31-12-2022	Revenue model of the business	
19	02-01-2023	Agtech Innovation landscape in India	Mr. Venky Ramachandaran
20	03-01-2023	Idea validation and Growth strategies	Mr. Gopal Krishnan B
21	04-01-2023	Sales and Distribution Models for FMCG Start-ups	Sameer Gupta, External
22	05-01-2023	Company Registrations and Regulations including GST	
23	06-01-2023	Marketing Research	
24	07-01-2023	Various Funding Options for Startups	Satyendra Singh, External
25	09-01-2023	Cost Effective Marketing Strategies	
26	10-01-2023	Dealer/channel management	
27	11-01-2023	Industry Analysis	Mr Aishwarya
28	12-01-2023	Basic elements of Financial Statements and Management – Cash Flow, Balance Sheet, P&L	Rajiv Goyal, External
29	13-01-2023	Financial Ratio & Valuation	
30	16-01-2023	Creating a winning Pitch Deck	Satyendra Singh, External
31	17-01-2023	Digital Marketing	Manpreet Ghuman, External
32	18-01-2023	Successful Agri-Start-up journey	Sukhmeet Singh, External
33	19-01-2023	Branding & Market Communications	Ms. Kanika Rajdev, External
Module-III: Tips and tricks for making effective startup planning			
34	20-01-2023	Redefining your Technology description and Intellectual property for startups	
35	21-01-2023	Customer and market analysis for startups and how to conduct customer interviews	Mr Rajneesh Kumar, Technology Transfer Officer, BITS Pilani
36	23-01-2023	Designing and articulating value proposition and Business models	
37	24-01-2023	One on one mentoring on business growth.	
38	27-01-2023	Funding landscape, Investment forms & milestone setting	
Module-IV: Scope of startups in agriculture and allied sectors			
39	28-01-2023	Interaction with previous startups	-
40	30-01-2023	Scope of startups in agriculture	Dr. Sant Prakash, COA
41	31-01-2023	Agri-business and strategy	Dr. Akriti Sharma, IARI, New Delhi
42	01-02-2023	Upcoming agro-processing ventures	Dr Ranjana Verma, COCS
43	02-02-2023	Agri-business ventures in organic and natural farming	Dr Janardan Singh, COA
44	03-02-2023	Upcoming ventures in olericulture	Dr. Parveen Sharma, COA
45	04-02-2023	Upcoming ventures in apiculture	Dr. SK Sharma, Nagrota Bagwan
46	06-02-2023	Upcoming ventures in mushroom cultivation	Dr Deepika Sood, COA
47	07-02-2023	Upcoming ventures in dairy technology	Dr. Nishant Verma, COVAS
48	08-02-2023	Management of bird farming for increased profits	Dr. Varun Sankhyan, COVAS
49	09-02-2023	Closing session: Feedback & Certificate distribution	-
50	10-02-2023	RIC meeting for the evaluation of performance	-

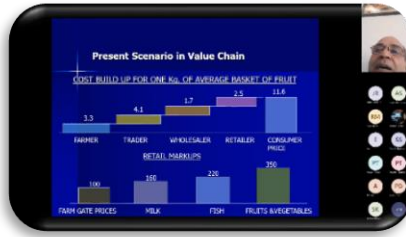
(YS Dhaliwal)
Dean-cum-Nodal Officer (ABI)
College of Community Science,
CSKHPKV, Palampur

Glimpses of Agro-preneurship Orientation-cum-Incubation programme



Him Palam Agri-Business Incubator Project

- Funded by Ministry of Agriculture and Farmers' Welfare, GOI.
- The Ministry finally selects the innovative agri-business (Startups) as per the filed criteria and releases sanctioned funds depending upon their performance.
- The Ministry may terminate the project at any time due to Non-availability of funds from the Finance Department or Poorer performance of incubation of any incubator.
- The Incubator is only the **Recommending Authority** regarding startup selection and evaluation. Candidates with adequate technical knowledge, skills & experience to run the business are preferred.
- As per the directions of the Ministry, each selected incubator undergoes **2 months Incubation Programme** and work to come up as per the expectation of the Ministry.
- During the incubation programme, each incubator will make best use of existing inputs for refining/polishing their business models, **fixing & budgeting achievable targets** with each instalment of funds and developing effective **consumption-marketing** skills to attract more customers and investors.
- The incubators work and conduct market research on full time basis to make their **Business Model** more competitive, innovative, repeatable and profitable.



Sl. No.	Activity	Responsible Party	Frequency
1	Registration of the business	Entrepreneur	Once
2	Obtaining necessary licenses	Entrepreneur	Once
3	Obtaining necessary permits	Entrepreneur	Once
4	Obtaining necessary clearances	Entrepreneur	Once
5	Obtaining necessary approvals	Entrepreneur	Once
6	Obtaining necessary registrations	Entrepreneur	Once
7	Obtaining necessary certifications	Entrepreneur	Once
8	Obtaining necessary memberships	Entrepreneur	Once
9	Obtaining necessary clearances	Entrepreneur	Once
10	Obtaining necessary approvals	Entrepreneur	Once
11	Obtaining necessary registrations	Entrepreneur	Once
12	Obtaining necessary certifications	Entrepreneur	Once
13	Obtaining necessary memberships	Entrepreneur	Once
14	Obtaining necessary clearances	Entrepreneur	Once
15	Obtaining necessary approvals	Entrepreneur	Once
16	Obtaining necessary registrations	Entrepreneur	Once
17	Obtaining necessary certifications	Entrepreneur	Once
18	Obtaining necessary memberships	Entrepreneur	Once
19	Obtaining necessary clearances	Entrepreneur	Once
20	Obtaining necessary approvals	Entrepreneur	Once

Farming Advisory

Provides generic advice on media, whereas customized information to farmers through Android based application.

Advice can be customized as per the local weather, soil health, crop health, crop type and crop cycle.

This services can be funded in two ways:

- Subscription fee from farmers
- Selling of farmer data

About the Speaker - B. Gopalekrishnan (BG)

- Head of Seasonal Startup Initiatives, Ex-Director Disha Startup Hub, Ex-President Evolve Automation, Ex-AMP HCL Learning Ltd. Head
- Mentor & Jury - Agri-OC-IMP, Bharat Seed, GDC IT Madras, Nafpe, VIT Incubation Centre, AIF
- Multi-faceted experience of over 35 years in leadership roles with prestigious business organizations, startups and incubators
- Identified, mentored, business development, and operations in the diversified field involving Information Technology, Office Automation, Telecommunication, E-learning and Robotics based STEM education.
- Entrepreneur Experience: Consulted & Designed and Implemented Augmented Reality, Smart Irrigation, and Artificial Intelligence based solutions for Publishers, Education, Hospitality, and Corporate.
- Currently working along with many Agri-tech Startups.



The Flow

1. Identify the problem you want to solve
2. Research the market and your competitors
3. Develop a business plan
4. Secure funding
5. Build a team
6. Launch your product
7. Monitor and evaluate performance
8. Scale up
9. Exit strategy

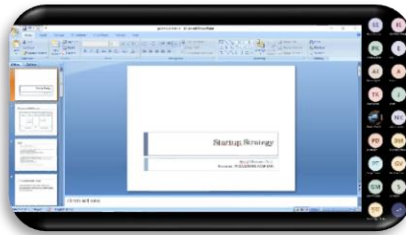


How to Find First Interviews: Current Stakeholders

- People connected to the invention team
 - Their relevant staff, assistants, graduate students, supervisors
 - Their colleagues in related fields
- Others with expertise working on the project
- The technology transfer office, innovation department, or other groups facilitating their efforts

UC and bills collected from startups

- Utilization certificate is collected from startups
- Fundament status should be matched with fund utilization mentioned by startups in investment form
- Bills have to be of the same amount as mentioned in LIC
- Owner's contribution of funds must be tabled
- Check bill carefully date, amount and as per sanctioned and approved fund head.
- Accounting detailed must sheet has to be prepared with heads and bill details



What is AGRO PROCESSING?

- Agro-processing could be defined as a set of activities carried out for conservation and handling of agricultural produce and to make it usable as food, feed, fibre, fuel or industrial raw material.
- Hence, the scope of the agro-processing industry encompasses all operations from the stage of harvest until the material reaches the end users in the desired form, packaging, quantity, quality and price.
- The focus is not just on sale and consumption but overarching from harvest to sale.

Agri-business ventures in Organic/Natural Farming

Dr. Jamanian Singh
Head
Department of Organic Agriculture and Natural Farming
CSH HPEV, PALAMPU (S. P) 606011 (HP)

Genotype Cuts Savings with Barotils

Features:

- 100% organic healthy adds
- 100% natural and safe for the environment

Benefits:

- 100% natural and safe for the environment
- 100% natural and safe for the environment

General Migratory Birds of Karnataka

General Migratory Birds of Karnataka

General Migratory Birds of Karnataka

General Migratory Birds of Karnataka

Cultivated Mushrooms

- Cultivated mushrooms have now become popular all over the world.
- There are over 200 genera of macro-fungi which contain species of use to people.
- Twelve species are commonly grown for food and/or medicinal purposes

UPCOMING TRENDS IN DAIRY TECHNOLOGY

WHAT COULD BE THE ENTREPRENEURSHIP IN POULTRY

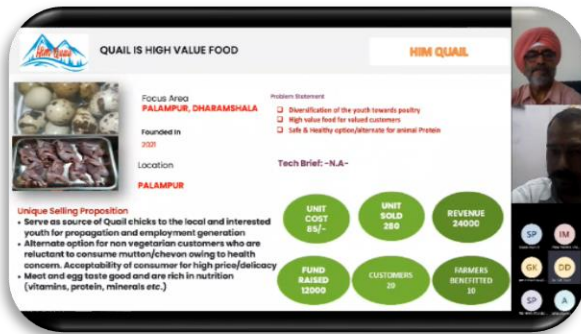
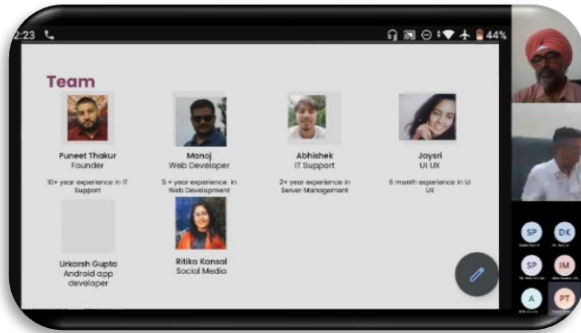
Build upon your assets- Strengths, interests, and networks - to launch a new career or business with meaning.

Market Targeting Strategies

Undifferentiated (Mass) Marketing	Differentiated (Segmented) Marketing	Concentrated (Niche) Marketing	Micro-marketing
<p>Which market with one offer ignores segments</p>	<p>Which market with several different market segments, separate offers for each</p>	<p>Concentrate on one or a few segments or niches</p>	<p>Local Marketing Individual Marketing</p>
Targeting strategy		Targeting strategy	



Glimpses of RIC-III and Final RIC meeting for 2020-21 and 2019-20 cohorts respectively on September 27th, 2022



Glimpses of RIC-1 meeting on November 15, 2022

1. About me and my Startup

1. Name: Pawan Kumar
2. Permanent address: Vill. Bulli, P.O Bhatawan Tehsil Khudiyari Distt. Kangra (H.P)
3. Name of Startup/Business company you wish to launch: Dev Bhoomi Nursery
4. Business idea on which you are working with for your startup: Primary agriculture
5. Place of Head office of your Startup: Vill. Bulli P.O Bhatawan Tehsil Khudiyari Distt. Kangra (H.P)
6. Your competence for running this business/startup: Nih, Shandil, Parashar and masai flower nursery
- a) Experience (Relevant to your startup): 4 Years
- b) Trainings attended (Relevant to your startup): N.A

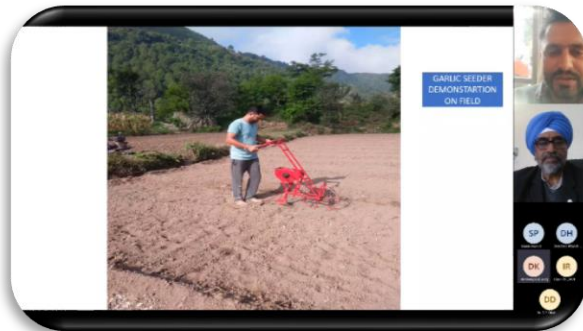
7. Present status of Startup (Show Videos/ Photographs of products, if any, in next slide)

8. List of Team Members, if any:
 Pawan Kumar (Founder)
 Vikku Ram (Co-Founder)



SHRUTI SHARMA
 Founder- Pahadi Legacy

Shruti Sharma, a Public Health Nutritionist with a focus on 'Food and Nutrition for Well-being' is a Nutritionist with 8M. She has 6+ years of experience in the health and nutrition sector. She has worked with Govt. of HP as a State Consultant for ANMJs, ASHA, and the Directorate of Women and Child Development where she realized the problems of malnutrition and NCDs. She has been a public health nutritionist, and she has been a member of the National Academy of Nutrition and Health Sciences. She has been a member of the National Academy of Nutrition and Health Sciences. She has been a member of the National Academy of Nutrition and Health Sciences.



Objectives

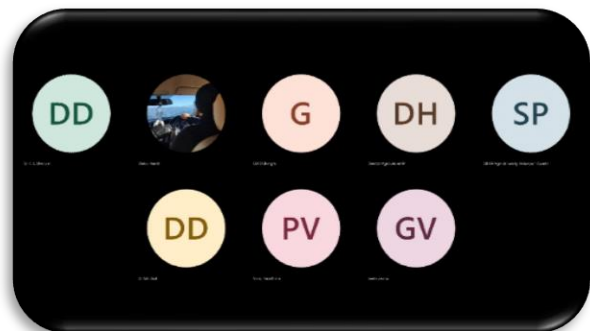
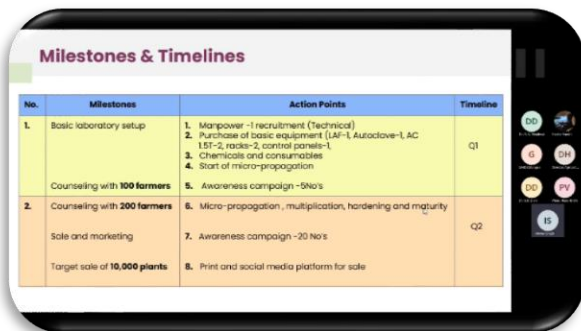
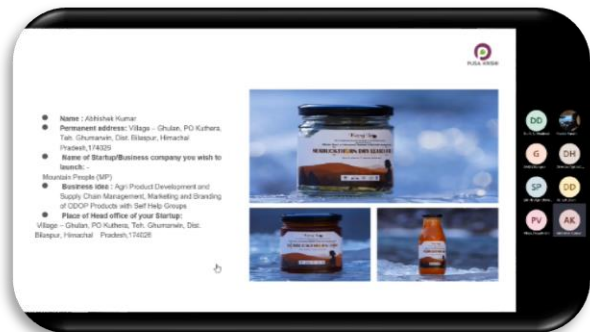
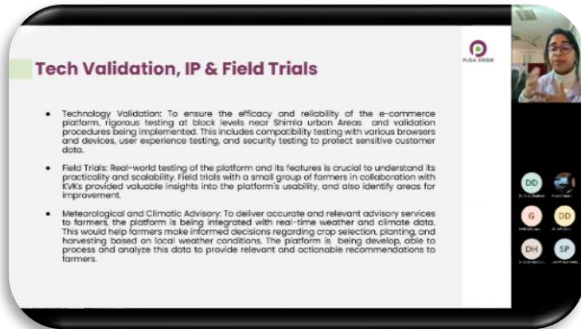
- To promote organic farming
- Hassle-free service to consumers.
- Stability in prices
- Eliminating the middle agents.
- Provide farmers with a handsome amount for their produce.



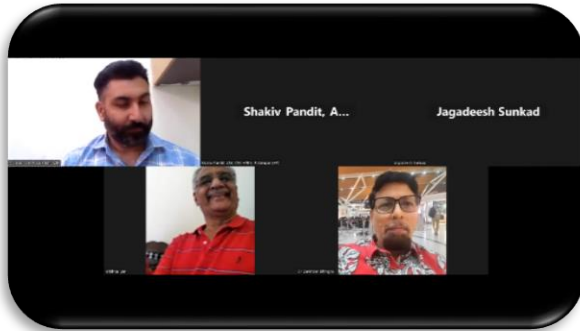
Description of your Business Model/ MVP presently with you (with On-spot video or photographs)

<p>Financials</p> <ul style="list-style-type: none"> Current Financial Status Net Income - 18.32 Investments Made - 25 Lacs 	<p>Investment Gain 295,000.00</p> <p>ROI 295.00%</p> <p>Annualized ROI 73.24%</p> <p>Investment Length 2.56 years</p>
<p>Cost of Production</p> <ul style="list-style-type: none"> Market Product: 30% of NCM Raw: 24% of NCM Home Based: 24% of NCM Indirect: 20% 	<p>Fixed Capital - 20 Lacs</p> <p>Working Capital - 15 Lacs</p> <p>Marketing and Sales - 10 Lacs</p>
<p>Market Entry Strategy</p> <ul style="list-style-type: none"> Premium Pricing Strategy: 50, 150, 500 	<p>Revenue (Lacs)</p>

Glimpses of RIC-II meeting on February 24, 2023



Glimpses of CIC meeting on March 13, 2023



साफ प्रकृति, उज्ज्वल भविष्य | Let's detoxify and flourish the Environment with us.....!!!

<https://www.kmsolution.in/>

Focus Area
Agriculture Inputs and Biotechnology

Founded in
2019

Location
Vijaya Bank, opposite Angreedi Circle, Kharshra, Dharmnaka, Himachal Pradesh, INDIA

Problem Statement
In Himachal Pradesh, the majority of farmers utilize raw animal dung as fertilizer which has various disadvantages including uneven spreading/releasing of nutrients, slow decomposition, increase soil acidity, root damage and indirectly environmental pollution.

Tech Brief
KMS provides Granulated Biological Multi-nutrient Fertilizers which is three times more efficient than normal FVM, with unique multi-nutrient enriched composition and biochemical substances having sequential release and uniform nutrients dispersion properties that efficiently increases germination rates and crops productivity.

Unique Selling Proposition

- Highly Efficient granulated fertilizer
- Multinutrient and biochemical enriched composition
- Sequential releasing capability

60+ YEARS OLD 80+ COUNTRIES

Eat Well, Live Well

www.healthivore.in

Focus Area
Digitization in management and retailing Meteorological database

Founded in
2020

Location
Sharon, Shimla

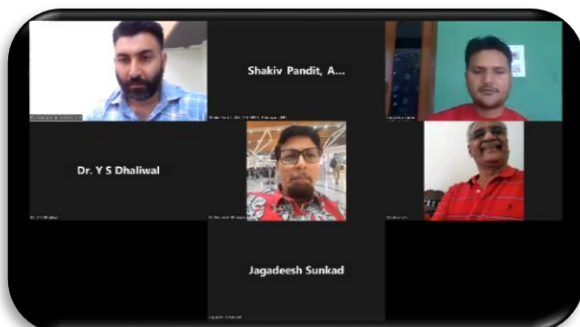
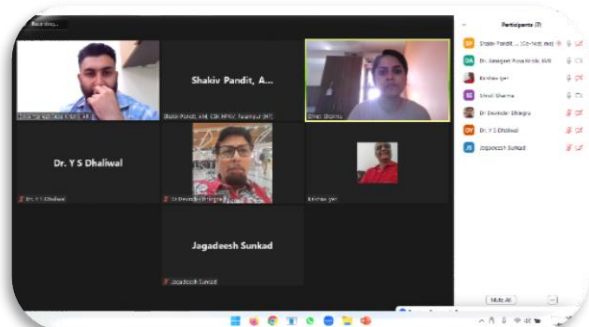
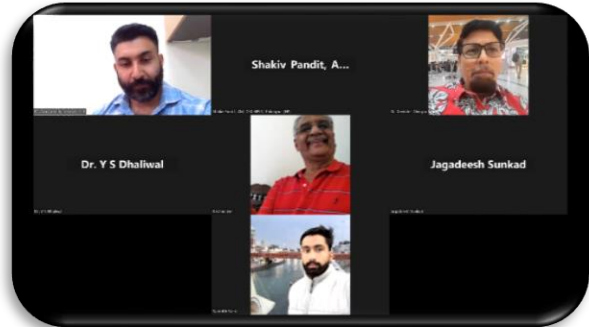
Problem Statement
Nai ruchi market for organic and natural budget farm products and no climatic/meteorological advisory to farmers for better crop yields.

Tech Brief
The company's objective is to establish an efficient marketplace for organic and locally sourced produce through the seamless integration of traditional and technological methods. The platform will act as a mediator between farmers and consumers, facilitating the promotion of sustainable agricultural practices and equitable trade transactions.

Unique Selling Proposition

- Unique Product Offerings: Wide range of organic and locally grown produce
- High-quality and fresh products, Diverse options for consumers
- Climate and Meteorological Support
- Comprehensive data analysis for farmers
- Accurate weather Forecasting
- Timely advisory support
- Promoting Sustainable Agriculture
- Encouragement of eco-friendly farming practices
- Support for small-scale and local farmers

60+ YEARS OLD 9+ COUNTRIES 50+ COUNTRIES 20+ YEARS OLD



Sach Lifeline Herbs Impex

Uniform and Sustainable Agriculture

Focus Area
Plant Tissue Culture

Founded 2023

Location: Palampur, HP

Problem Statement
In agriculture sector, disease, drought and non-uniformity are the biggest causes for sub-standard quality and low yield. This creates a major gap between producer and industry. Non-availability of the uniform and high yield saplings in nearby location is also a main challenge for the smart farmers.

Tech Brief
Plant Tissue Culture (PTC) is the unique and proven scientific solution for the stated problems. This technology works in controlled environmental conditions. Using PTC technology we can clone and micro-propagate **N number of plants** in short period of time. Along with the technology we will provide **End to End solution** to the farmers/ customers that will play a major role to create more customers.

Unique Selling Proposition

- Uniform
- High yield
- Disease free
- Drought resistance plants

Target -2023 10,000 Plants Sale Projection 6,00 Lac



PUSA KRISHI
ZONAL TECHNOLOGY MANAGEMENT & BUSINESS PLANNING AND DEVELOPMENT UNIT
ICAR- Indian Agricultural Research Institute, New Delhi - 110 012

Proceedings of the CoE Incubation Committee-Evaluation Meeting for Him Aarambh 2022 & Him Utkarsh 2022 Program of startups under RKVY-RAFTAAR in Him Palam RABI, CSKHPKV, Palampur by Pusa Krishi, ZTM & BPD Unit on 13 March 2023 at 10:00 AM onwards.

In terms of the approved guidelines of Centre of Excellence Incubation Committee under RKVY-RAFTAAR, **CoE Incubation Committee** met for evaluation of recommended under **Him Aarambh 2022 & Him Utkarsh 2022** Incubation and Orientation Programs of **Him Palam RKVY-RAFTAAR Agri Business Incubator (Him Palam RABI), CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur** on March 13, 2023 from 10:00 AM onwards.

A total of 50 applications have been received under **Him Aarambh 2022 & Him Utkarsh 2022** program. In the first round of screening 36 applications were shortlisted and called for a presentation in front of RIC-I. As per the RIC members recommendation 27 start-ups were selected for the 2 months workshop and out of them, 24 start-ups joined the workshop. These start-ups attended the workshop wherein they were trained in various aspects of the product and business development. After the workshop RIC members again evaluated these start-ups and they have finally recommended 17 start-ups for “seed stage funding (up to Rs 25 lacs)” & “Pre-seed stage funding (up to Rs 5 Lacs)”. These 17 startups were evaluated by the RC committee on March 13, 2023.

Proceeding of the RIC Evaluation Meeting -II held on 24-02-2023 is enclosed as Annexure-I.

Committee Chairperson welcomed all the members of the Committee to the meeting. The meeting was attended by:-

S. No. Name & Designation

1.	Dr. A.K. Singh, Director, IARI	Chairperson
2.	Dr. C. Viswanathan. Joint Director, IARI	Member
3.	Dr. Devinder Dhingra, Principal Scientists (Process Engg.) ICAR Hqrs, New Delhi	Member
4.	Mr. Jagdeesh Sunkad, Independent consultant	Member
5.	Mr. Iyer Krishna,	Member
6.	Mr. Anand Krishan, Director, RKVY, GOI, New Delhi.	Member
7.	Dr. Akriti Sharma, Incharge, Scientist, ZTM & BPD Unit, IARI	Member Secretary

Seventeen proposals for funding under **Agri-entrepreneurship Incubation/Orientation Program Component of RKVY-RAFTAAR** were discussed as follows:

Procedure of inviting the Incubates for a 8 – 10 minutes presentation and then the members interacted with the Incubate and completed the process of presentation by the shortlisted 17 Incubates who were selected by the RABI with interviews and screening of applicants. The focus was to look at innovation and benefit to the farmers in agricultural chain. Some of the projects even though did not show any benefit to the farmer directly but it was seen that in a larger perspective of multiplication of the model, it would create indirect jobs. It is assumed that there will be value addition in the chain all the way from backward integration to market positioning. In the end, a detailed discussion with a unanimous decision was arrived at for each project based on the input from all the members. The summary of the individual Incubate, Name, Sector, Recommendation, Amount and Remarks, is given below:

Table A. The Fund recommendation list of Seed stage startup: -

S. No.	Name of the Startup	Founder/ Co-founder Name	Focus Area	Recommendation Yes/No	Amount Recommended (In lakhs)	Technology Brief and Committee Remarks
1	Purambika Desi Cow Natural Farming Inputs LLP	Puran Dev	Sustainable Agriculture/Organic farming	No	nil	The startup is acting as an aggregator to reduce the supply chain and increase farmers' profits by cooperatively working with local farmers in the production of natural farming-based agricultural inputs and pure dairy products. The committee is not satisfied with the proposal.
2	Naina Pure Milk Products Pvt Ltd	Manjeet Kumar Sharma	Dairy Farming	No	Nil	The startup provides high-quality A2 milk and other A2 milk products to society after pasteurization and processing. Besides A2 milk and milk products, the startup also provides indigenous cows throughout the state to farmers. This committee is not satisfied with the proposal.
3	Farmer near me	Puneet Thakur	ICT, IoT & AI in Agriculture	No	Nil	The startup has developed a mobile application "Farmer near me", which helps farmers to connect directly to local nearby buyers/markets or helps customers to find local farmers and buy directly from them. The Committee is not satisfied with the progress of the startup.
4	Balh Valley Agritech Pvt. Ltd.	Saurabh Saini	Agri Clinics & Farm Health services	No	Nil	The startup provides agricultural inputs and Agri-clinic facilities to farmers through a single platform. The startup is providing backward and forward linkages to the farmers and connecting them to a wider market. The Committee is not satisfied with the progress of startups.
5	Healthivore Partnership Firm	Pooja Thakur	ICT, IoT & AI in Agriculture	yes	10.0	The startup has built a marketplace for organic and locally sourced produce through the seamless integration of traditional and technological methods. it is realized that the startup working with organic farmers groups and helping in the promotion of organic farming and simultaneously providing the market through an online platform, Therefore, the committee recommended Rs 10 lakh.
6	Himalayan Made Herbal Nutraceuticals Pvt. Ltd.	Gandharva Gopal Joshi	Agriculture/ Horticulture/Natural Resource Management	yes	25.0	The startup manages the post-harvest of many herbs with high medicinal values and superfoods grown in the Himalayas. The startup is working with 400+ farmers and procuring raw materials. The startup is creating the demand for medical plants. Therefore, the committee recommended Rs. 25 lakhs.
Total					35	

Table B. The Fund recommendation list of Pre-Seed stage startups: -

7	Local Kisan Partnership Firm (to be incorporated)	Ravi Kumar	Post-Harvest, Food Technology & Value addition	Yes	5.0	The startup is preparing garlic powder, gulakand and millet-based food products which have nutraceutical and health-promoting properties. The The Committee recommended Rs. 5 lakhs.
8	Shri Hans Organic Enterprises	Savita Kumari	Sustainable Agriculture/Organic farming	no	Nil	The startup provides food grains/oilseeds/herbs with the use of desi seeds. The products are preserved without the use of harmful chemicals hence improving the quality of the soil. The committee is not satisfied with the proposal.
9	Smaya Nutritions	Tarun Kumar	Animal Husbandry	no	Nil	The startup provides feed, supplements, and other services as well as green and dry fodder to animals as per the animal's nutritional needs. The startup is not using urea in feed, and feed is prepared as per the requirement of cattle and adds bypass protein, which is effective for milking cattle. The committee is not satisfied with the proposal because he is preparing from the others. He have lack of technical knowledge.

10	Behatar Himachal Partnershi p Firm (to be incorporat ed)	Abhishek Kumar	Post-Harvest Processing & Supply Chain Management	yes	5.0	The startup manages agri-product development and supply chain. Also helps in the marketing and branding of ODO products with Self Help Groups. The startup is working with 3 self-groups and procuring the product for further packages and marketing to tourists. The Committee recommended Rs 5 lakh.
11	Save Traditional Seeds	Geeta Verma	Agriculture/ Horticulture/Natural Resource Management	no	Nil	The startup produces and sells traditional seeds. The committee is not satisfied with the proposal.
12	Pahadi Legacy	Shruti Sharma	Post-Harvest Processing	no	Nil	The startup provides health and wellness products with the purpose of presenting HP's indigenous superfoods to the market. The committee is not satisfied with the proposal.
13	Creamy Cafe	Samdeep Kumar Verma	Dairying	no	Nil	The startup is introducing flavored milk and shakes kiosks in different cities of HP. The committee is not satisfied with the progress and innovations.
14	Aum Fuels Partnershi p Firm (to be incorporat ed)	Jyoti Rajput	Waste to Wealth	yes	5.0	The startup is taking an initiative to setup biogas plants in different areas, use biogas energy as fuel and distribute the biogas using pipelines. The gas distribution through the pipeline to households, at the same time, creates demands for cow dung. Therefore, the committee recommended Rs. 5 lakhs.
15	Himachal Organic Bee Products Partnershi p Firm (to be incorporat ed)	Anoop Kumar	Secondary Agriculture	yes	4.0	The startup is collecting pollen, propolis, bee venom and royal jelly and makes its products. Startup is working with bee farmers and coveting bees into by-products. Committee recommended Rs. 4 lakhs.
16	Sach Lifeline Herbs Impex	Ishwar Singh	Agri-Biotech	no	Nil	The startup is developing the Plant Tissue Culture (PTC) of Moringa for large-scale propagation in north India. The committee is not satisfied with the proposal.
17	Innovative and Integrative Managem ent Solution (I&IMS) LLP	Mr. G B Pant	Agriculture Inputs and Biotechnology	Yes	5.0	The startup provides granulated biological multi-nutrient fertilizers which is three times more efficient than normal FYM, with unique multi-nutrient enriched composition and biochemical substances having sequential release and uniform nutrient dispersion properties that efficiently increase germination rate and crop productivity. So committed recommended Rs. 5 lakh and suggested for field trial.
Total					24.0	
Grand Total A+B					59.0	

The amount proposed for each incubate was discussed and found to be justified in each case. It is also noted that strict time lines in terms of milestones have been defined as per the agreement that will be signed with each incubate and funds will be released only on attainment of these milestones and in terms of payment schedule as defined in the guidelines of RKVY- RAFTAAR innovation and entrepreneurship component.



All incubates will be advised that regulatory clearances have to be obtained.

It is proposed to release the first tranche of startups to CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur

1. **Rs.14.00/- Lakhs (Rs. Fourteen lakhs only) (40%) for two (2) startups** under Seed Stage funding.
2. **Rs. 14.40/- Lakhs (Rs. Fourteen lakhs forty thousand only) (60%) for five (5) startups** under Pre-Seed Stage Funding.

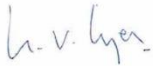
The meeting ended with a vote of thanks.


A.K. Singh
निदेशक / Director
भा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान
ICAR - Indian Agricultural Research Institute
नई दिल्ली / New Delhi-110012


Devinder Dhingra


C. Viswanathan.


Jagdeesh Sunkad


Iyer Krishna


Akriti Sharma

Major milestones of Him Palam R-ABI

- Promotion of innovation for agri-preneurship in agriculture and allied sectors through State Departments and KVKs of Himachal Pradesh,
- Enhancing farmers' income by selecting agri-startups with stronger linkage with them,
- Building MVPs for pre-seed startups with fund utilization as per the GOI guidelines.
- Scaling up the business for seed startups, with fund utilization as per the GOI guidelines.
- Monitoring and evaluation of selected agri-seed startups for the release of next tranche for MVP development.

Website and social media platforms

- Email ID: rabihipalam@gmail.com
- Website: (<http://www.hillagric.ac.in/research/dr/Him%20Palam%20R-ABI/himpalam-r-abi.htm>)
- Links to Facebook, Twitter and LinkedIn through Public relation unit of the university
- Also have separate accounts in:
 - Facebook (<https://www.facebook.com/himpalamrkvy>)

- Twitter (<https://twitter.com/HimPalamRabi>)
- LinkedIn (<https://www.linkedin.com/in/him-palam-rabi-87112119>)

Year-wise Application status

i) During 2019-20

- Program name (Pre-Seed Stage) = Him Aarambh Launch Date: 31-03-2019
- Program Name (Seed Stage) = Him Utkarsh Launch Date: 31-03-2019

RABIs Name	Total Applications Received		Total Incubated	
	Pre-Seed	Seed Stage	Pre-Seed	Seed Stage
Him Palam	79	6	6	2
Total startups	85		8	

Startup's selection status

No. of startups selected by RIC-I held on July 22 & 23, 2019 to undergo 2- month residential programme for		No. of startups selected by RIC-II held on November 14, 2019 for		No. of startups selected by CIC held on March 04, 2020 for	
Seed funding	Pre-seed funding	Seed funding	Pre-seed funding	Seed funding	Pre-seed funding
02	15	02	09	02	06

ii) During 2020-21

- Program name (Pre-Seed Stage) = Him Aarambh Launch Date: 30-03-2020
- Program Name (Seed Stage) = Him Utkarsh Launch Date: 30-03-2020

RABIs Name	Total Applications Received		Total Incubated	
	Pre-Seed	Seed Stage	Pre-Seed	Seed Stage
Him Palam	35	17	5	5
Total startups	52		10	

Startup's selection status

No. of startups selected by RIC-I held on September 17 -19, 2020 to undergo 2-month residential programme for		No. of startups selected by RIC-II held on January 15, 2021 for		No. of startups selected by CIC held on February 22, 2021 for	
Seed funding	Pre-seed funding	Seed funding	Pre-seed funding	Seed funding	Pre-seed funding
05	15	05	09	05	05

iii) During 2021 -22

- Program name (Pre-Seed Stage) = Him Aarambh Launch Date: 16-04-2021
- Program Name (Seed Stage) = Him Utkarsh Launch Date: 16-04-2021

RABIs Name	Total Applications Received		Total Incubated	
	Pre-Seed	Seed Stage	Pre-Seed	Seed Stage
Him Palam	65	27	6	4
Total startups	92			

Startup's selection status

No. of startups selected by RIC-I held on August 10-11, 2021 to undergo 2- month residential programme for		No. of startups selected by RIC-II held on November 22-23, 2021 for		No. of startups selected by CIC held on January 05, 2022 for	
Seed funding	Pre-seed funding	Seed funding	Pre-seed funding	Seed funding	Pre-seed funding
17	19	11	8	4	6

iv) During 2022 -23

- Program name (Pre-Seed Stage) = Him Aarambh Launch Date: 05-05-2022
- Program Name (Seed Stage) = Him Utkarsh Launch Date: 05-05-2022

RABIs Name	Total Applications Received		Total Incubated	
	Pre-Seed	Seed Stage	Pre-Seed	Seed Stage
Him Palam	24	26	5	2
Total startups	50			

Startup's selection status

No. of startups selected by RIC-I held on November 15, 2022 to undergo 2- month residential programme for		No. of startups selected by RIC-II held on February 24, 2023 for		No. of startups selected by CIC held on March 13, 2023 for	
Seed funding	Pre-seed funding	Seed funding	Pre-seed funding	Seed funding	Pre-seed funding
11	16	11	16	2	5

Year-wise technology brief of startups and amount sanctioned

Technology Brief of Startups selected during 2019-20

SN	Startup Name / Title of the project	Founder's name	Focus Area
Him Utkarsh (Seed Stage Funding)			
1	Hagri Innovations Pvt. Ltd.	Anirudh Thakur	Farm Mechanization
	Tech Brief: The startup has developed an artificial intelligence enabled automatic machine that can clean and sort round fruits such as apples.		
2	Usas Natural and Herbal Products Pvt. Ltd.	Udhey Singh	Post-harvest/ Food processing
	Tech Brief: The startup offers chemical free food products in the market, creating enough demand for the supply.		
Him Aarambh (Pre-seed Stage Funding)			
1	KV Cosmetics	Khushbu Verma	Post-Harvest
	Tech Brief: The startup provides skin & hair care products which include formulations for general care and therapeutic care products for skin and hair problems.		
2	Elen Farms LLP	Lovleet Rana	Sustainable agriculture
	Tech Brief: The startup developed procedures for making button mushroom compost from paddy straw and high-value mushroom production from problematic agricultural waste.		
3	HEALTHIVORE	Pooja Thakur	Supply Chain
	Tech Brief: The startup is building a niche market for certified organic producers through online and offline platforms.		

4	Techibaba	Puneet Thakur	Supply Chain
	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.		
5	Balh Valley Agritech Pvt. Ltd.	Saurabh Saini	Agri-clinics & Farm Health services
	Tech Brief: The startup provides Agricultural inputs and Agri-clinic facilities to farmers through a single platform.		

Amount sanctioned to startups selected during 2019-20

SN	Startup Name	Founder	Total Grant (Lakhs)	First Installment	Second Installment	Third Installment
Him Utkarsh						
1.	Hagri Innovations Pvt. Ltd.	Anirudh Thakur	16.0	6.4	6.4	3.2
2.	Usas Natural and Herbal Products Pvt. Ltd.	Udhey Singh	19.0	7.6	7.6	3.8
Him Aarambh						
1	KV Cosmetics	Khushbu Verma	3.0	1.8	1.2	-
2	Elen Farms LLP	Lovleet Rana	5.0	3.0	2.0	-
3	Healthivore	Pooja Thakur	3.0	1.8	1.2	-
4	Techibaba	Puneet Thakur	5.0	3.0	2.0	-
5	Balh Valley Agritech Pvt. Ltd.	Saurabh Saini	5.0	3.0	2.0	-
6	Surya A2 Milk	Pardeep Kumar	2.0	1.2	0.8	-
Total			56.0	26.6	22.4	7.0

Technology brief of Startups selected during 2020-21

SN	Startup Name / Title of the project	Founder's name	Focus Area
Him Utkarsh (Seed Stage Funding)			
1	Back to Basics Naturally LLP	Rahul Saxena	Food Processing
	Tech Brief: The startup is offering slow processed foods with bio-active nutrition and great taste for the discerning health-conscious customer.		
2	Hanol HydroAgri LLP	Saurabh Rathore	Agriculture
	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.		
3	Him Aquafarmers LLP	Karun Kumar	Fishery
	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.		
4	Snehlata Milk Products LLP	Snehlata Sharma	Dairying
	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.		
5	Greenwhite Farm Foods LLP	Manoj Kashyap	Farm Retailing
	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.		
Him Aarambh (Pre-seed Stage Funding)			
1	Kings Organics	Pyare Lal	Food processing
	Tech Brief: The startup provides homemade pickles of organically grown underutilized vegetables using traditional recipes without artificial preservatives and adulteration.		
2	Bhuutu's Crafts	Phalguni Sood	Farm retailing
	Tech Brief: The startup provides tourism boosting eco-friendly souvenirs in form of packaging for GI tagged/high-value crops and GI-tagged and local crafts.		
3	Him Quail	Sanjeevan Kumar	Animal husbandry
	Tech Brief: The startup is working on low input and high output-based Quail farming products, which have low cholesterol and more nutritious values.		

4	AgriMenu Farming Technology Solutions Pvt. Ltd.	Dinesh Kumar	Agri-input tools & technologies
	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.		
5	Hingrow Mushrooms LLP	Arpit Rana	Farm Mechanization
	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.		

Amount sanctioned to startups selected during 2020-21

SN	Startup Name	Founder	Total Grant (Lakhs)	First Installment	Second Installment	Third Installment
Him Utkarsh						
1	Back to Basics Naturally LLP	Rahul Saxena	18.0	7.2	7.2	3.6
2	Hanol HydroAgri LLP	Saurabh Rathore	24.0	9.6	9.6	4.8
3	Him AquaFarmers	Karun Kumar	20.0	8.0	8.0	4.0
4	Snehlata Milk Products LLP	Snehlata Sharma	12.0	4.8	4.8	2.4
5	Greenwhite Farm Foods LLP	Manoj Kashyap	11.5	4.6	4.6	2.3
Him Aarambh						
1	Kings Organics	Pyare Lal	5.0	3.0	2.0	-
2	Bhuutu's Craft	Phalguni Sood	5.0	3.0	2.0	-
3	Him Quail	Sanjeevan Kumar	5.0	3.0	2.0	-
4	AgriMenu Farming Technology Solutions Pvt. Ltd.	Dinesh Kumar	5.0	3.0	2.0	-
5	Hingrow Mushrooms LLP	Arpit Rana	5.0	3.0	2.0	-
Total			110.5	49.2	44.2	17.1

Technology brief of Startups selected during 2021-22

SN	Startup Name / Title of the project	Founder's name	Focus Area
Him Utkarsh (Seed Stage Funding)			
1	Shivalayan Nursery Private Limited	Arjun Singh	Agriculture Allied Sectors
	Tech Brief: The startup procures and maintains required mother planting material, mass multiplies truthful levelled planting material, and makes it available at an affordable price to the customers.		
2	Nirmala Agro Fresh	Bharat Bhushan	Precision Agriculture
	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.		
3	Verma Mushroom House	Jagdish Chand	Agriculture Allied Sectors
	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.		
4	Himalaya Bioplants Private Limited	Sandeep Kumar Sharma	Precision Agriculture
	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.		

Him Aarambh (Pre-seed Stage Funding)			
1	Krishk23 Agrosience Private Limited	Amit Thakur	Supply Chain & Agriculture Logistics
	Tech Brief: The startup provides a platform to help farmers do data-based farming and to provide support throughout the crop cycle.		
2	Himhemp Ecofriendconc Pvt. Ltd.	Ankush Tanta	Waste to Wealth & Green Energy
	Tech Brief: The startup prepares Green Concrete Blocks and Panels using agro-waste, which requires comparatively less water for curing.		
3	Himpure Bio Agri Products Pvt. Ltd.	Gayatri Tandon	Post-Harvest, Food Technology & Value addition
	Tech Brief: The startup has formed large farmer groups to help farmers with seeds, training on organic turmeric cultivation, aggregate and sells the organically certified turmeric in the market.		
4	Himalayan Naturals	Harsh Kaundal	Post-Harvest, Food Technology & Value addition
	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.		
5	ILP Ventures Mountain Private Limited	Vijay Inder Chauhan	Supply Chain & Agriculture Logistics
	Tech Brief: The startup enabled an e-commerce platform dedicated to authentic products, produced and procured in the Himalayan Region.		
6	Munisha Foods India Private Limited	Vinod Kumar	Post-Harvest, Food Technology & Value addition
	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.		

Amount sanctioned to startups selected during 2020-21

SN	Startup Name	Founder	Total Grant (Lakhs)	First Installment	Second Installment	Third Installment
Him Utkarsh						
1	Shivalayan Nursery Pvt. Ltd.	Arjun Singh	18.0	7.2	7.2	3.6
2	Nirmala Agro Fresh	Bharat Bhushan	21.0	8.4	8.4	4.2
3	Verma Mushroom House	Jagdish Chand	20.0	8.0	8.0	4.0
4	Himalaya Bioplants Pvt. Ltd.	Sandeep K. Sharma	25.0	10.0	10.0	5.0
Him Aarambh						
1	Krishk23 Agrosience Private Limited	Amit Thakur	5.0	3.0	2.0	-
2	Himhemp Ecofriendconc Pvt. Ltd.	Ankush Tanta	5.0	3.0	2.0	-
3	Himpure Bio Agri Products Pvt. Ltd.	Gayatri Tandon	5.0	3.0	2.0	-
4	Himalayan Naturals	Harsh Kaundal	5.0	3.0	2.0	-
5	ILP Ventures Mountain Private Limited	Vijay Inder Chauhan	5.0	3.0	2.0	-
6	Munisha Foods India Private Limited	Vinod Kumar	5.0	3.0	2.0	-
Total			114.0	51.6	45.6	16.8

Technology brief of Startups selected during 2022-23

SN	Startup Name / Title of the project	Founder's name	Focus Area
Him Utkarsh (Seed Stage Funding)			
1	Healthivore	Pooja Thakur	ICT, IoT & AI in Agriculture
	Tech Brief: The startup has built an efficient marketplace for certified organic and locally sourced produce through the seamless integration of traditional and technological methods.		
2	Himalayan Made Herbal Nutraceuticals Pvt. Ltd.	Gandharva Gopal Joshi	Agriculture/ Horticulture/Natural Resource Management
	Tech Brief: The startup manages post-harvest of many herbs with high medicinal values and superfoods grown in the Himalayas.		
Him Aarambh (Pre-seed Stage Funding)			
1	Local Kisan	Ravi Kumar	Post-Harvest, Food Technology & Value addition
	Tech Brief: The startup is preparing garlic powder, gulakand and millet-based food products which have nutraceutical and health-promoting properties.		
2	Behatar Himachal	Abhishek Kumar	Post-Harvest Processing & Supply Chain Management
	Tech Brief: The startup manages agri-product development and supply chain. Also helps in the marketing and branding of ODOP products with Self Help Groups.		
3	Aum Fuels	Jyoti Rajput	Waste to Wealth
	Tech Brief: The startup is taking an initiative to setup biogas plants in different areas, use biogas energy as fuel and distribute the biogas using pipelines. The gas distribution through the pipeline to households, at the same time, creates demands for cow dung.		
4	Himachal Organic Bee Products	Anoop Kumar	Secondary Agriculture
	Tech Brief: The startup is collecting pollen, propolis, bee venom and royal jelly and makes its products. Startup is working with		
5	Innovative and Integrative Management Solution LLP	Mr. G B Pant	Agriculture Inputs and Biotechnology
	Tech Brief: The startup provides granulated biological multi-nutrient fertilizers which is three times more efficient than normal FYM, with unique multi-nutrient enriched composition and biochemical substances having sequential release and uniform nutrient dispersion properties that efficiently increase germination rate and crop productivity.		

Amount sanctioned to startups selected during 2020-21

SN	Startup Name	Founder	Total Grant (Lakhs)	First Installment	Second Installment	Third Installment
Him Utkarsh						
1	Healthivore Partnership Firm	Pooja Thakur	10.0	4.0	4.0	2.0
2	Himalayan Made Herbal Nutraceuticals Pvt. Ltd.	Gandharva Gopal Joshi	25.0	10.0	10.0	5.0
Him Aarambh						
1	Local Kisan	Ravi Kumar	5.0	3.0	2.0	-
2	Behatar Himachal	Abhishek Kumar	5.0	3.0	2.0	-
3	Aum Fuels	Jyoti Rajput	5.0	3.0	2.0	-
4	Himachal Organic Bee Products	Anoop Kumar	4.0	2.4	1.6	-
5	Innovative and Integrative Management Solution LLP	Mr. G B Pant	5.0	3.0	2.0	-
Total			59.0	28.4	23.6	7.0

Financial status

- 1st and 2nd instalments released to all startups (pre-seed and seed) selected during 2019-2020. The proposal has been sent and 3rd installment of Rs. 7.0 lakhs for seed startups awaited from the Ministry.
- 1st instalment released to all startups selected during 2020-21. The proposal has been sent and 2nd installment of Rs. 34.2 lakhs for seed startups and Rs. 6.0 lakhs for pre-seed startups awaited from the Ministry.
- 1st instalment for pre-seed startup has been release and 1st instalment of Rs. 33.6 lakhs for seed startups have been received from the Ministry and will be release to the startups in the year 2023-24 after the revalidation of the unspent funds with RABI.
- 22.57364 lakhs left over for activities during 2023-24

Deliverables and Outcome

As per Clause 4.6 of GOI guidelines, the R-ABI should generate the following minimum deliverables within the project period i.e., up to March 2022 to achieve the project objectives:

SN	Deliverable & Outcome	Status (Number)			
		2019-20	2020-21	2021-22	2022-23
1	10-15 Agribusinesses incubated in agriculture & allied sectors	15	15	19	16
2	Each R-ABI to help entrepreneurs to get access/license to 2-3 technologies.	2 seed startups have license	5 seed startups have license	4 Seed startups have license	2 Seed startups have license
3	25- 30 Agripreneurs for training cum internship for the two-month period	17	18	36	27