



HIMPALAM RABI/PUB- IV/2023

**HIM PALAM RKVY-RAFTAAR AGRI BUSINESS INCUBATOR (HIM PALAM RABI)
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 (2023-24)



Prepared by

Dr. Y. S. Dhaliwal, Dean-cum-Nodal Officer (RABI)

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

Mr. Shakiv Pandit, Assistant Manager (RABI)

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

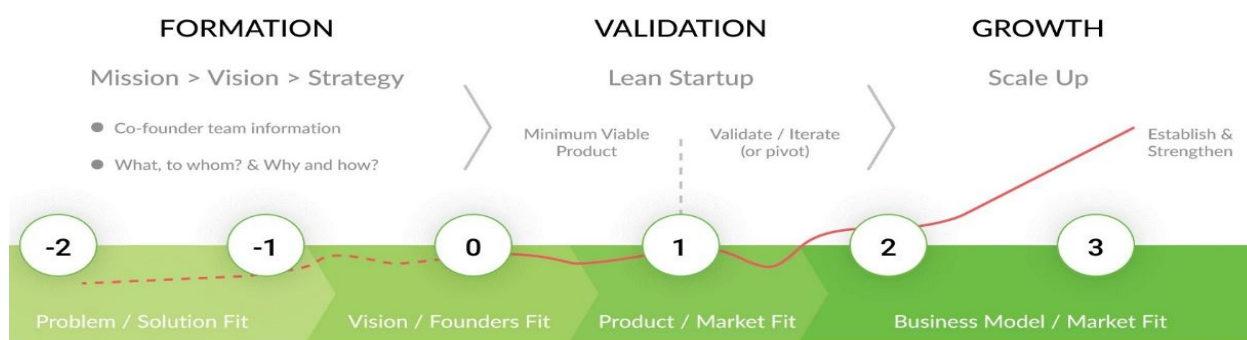


Project staff

S. No.	Fellowship sanctioned	Name of the official in position	Remarks
1.	Assistant Manager	Mr. Shakiv Pandit	Looking after all the project activities
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:

1.0 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.

2.0 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**



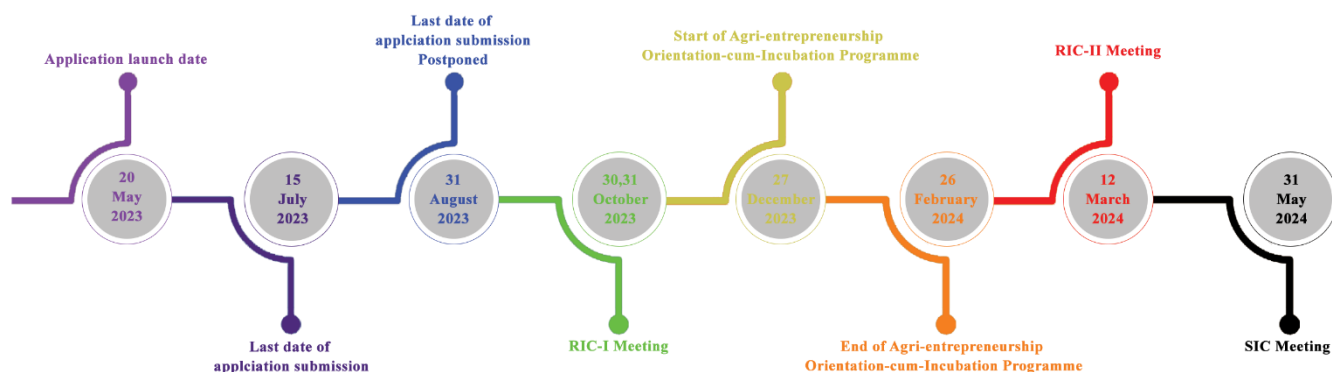
**Grant-In Aid
upto ₹ 5 lakhs**

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 2023
A Journey from Idea to Action

HIGHLIGHTS

- 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.

KEY BENEFITS OF PROGRAM

- 8 weeks Agripreneurship Orientation Programme
- Quality mentorship
- High-tech laboratory support
- Stipend of ₹10,000/month during AOP (if done offline)
- Grant-in-Aid upto ₹5 lakhs

TIMELINE

Application launch date:
May 20, 2023

Last date of application submission:
Aug 31, 2023

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 Nodal Officer (ABI), Mobile: +91 98160 82444, Email: nodalofficerabi@hillagric.ac.in

Him Palam RKVY- RAFTAAR Agri Business Incubator (Him Palam RABI)
CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur
launches
Him Utkarsh Programme 2023
A flight to Grand Business World

HIGHLIGHTS

- 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.

KEY BENEFITS OF PROGRAM

- 8 weeks incubation programme
- Quality mentorship
- High-tech laboratory support
- Grant-in-Aid upto ₹25 lakhs

TIMELINE

Application launch date:
May 20, 2023

Last date of application submission:
Aug 31, 2023

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 Nodal Officer (ABI), Mobile: +91 98160 82444, Email: nodalofficerabi@hillagric.ac.in

Selection of startups w.e.f. 2019-20 to 2023-24

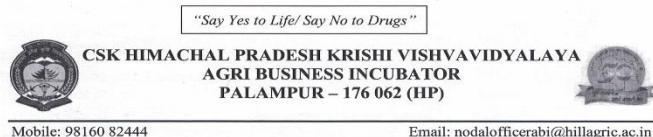
Programme	Total applications	Candidates selected after RIC-1	Candidates selected in RIC-II for CIC	Candidates selected in CIC
2019-2020				
Him Aarambh	79	15	9	6
Him Utkarsh	6	2	2	2
2020-2021				
Him Aarambh	35	15	9	5
Him Utkarsh	17	5	5	5
2021-2022				
Him Aarambh	65	19	8	6
Him Utkarsh	27	17	11	4

2022-2023				
Him Aarambh	24	16	10	5
Him Utkarsh	26	11	7	2
2023-2024				
Him Aarambh	45	14	10	5
Him Utkarsh	40	17	6	2
Total	364	131	77	42

Main activities planned under startup programs

Program	Activities
Him-Aarambh	<ol style="list-style-type: none"> RIC-III and Final RIC meeting for 2019-20, 2020-21 and 2021-22 cohorts respectively on December 27th, 2023. RIC-I meeting for 2023-24 cohort on October 30th & 31st, 2023. Conduct of 2-months Agri-entrepreneurship Orientation-cum-Incubation Programme as per RKVY-RAFTAAR guidelines w.e.f. December 27th, 2023 to February 26th, 2024. Exposure to different startups / enterprises in agriculture and allied sectors mainly through experts. Mentoring services for building MVP Setting up of milestones for each startup providing incubation services to work on ideas RIC-II meeting for 2023-24 cohort on March 12th, 2024. SIC meeting for 2023-24 cohort on May 31st, 2024.
Him-Utkarsh	Above-mentioned activities but with more mentoring services towards scaling up business.

Content of Agri-entrepreneurship Orientation-cum- Incubation programme



Mobile: 98160 82444

Email: nodalofficerabi@hillagric.ac.in

Schedule of 2-month Agri-entrepreneurship Orientation-cum-Incubation Programme (27-12-2023 to 26-02-2024)

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. If any startup has any problem in joining the sessions online, he/she may join the online session in the Incubatees' Training Hall/Virtual Classroom, near Student Facility Centre, CSK HPKV, Palampur.

Note: There will be no stipend given to any startup as the complete programme is in Online Mode.

Lectures' schedule

SN	Date	Topic	Resource Person
1	27-12-2023	Registration of incubatees & Introduction to Mentors and Inaugural session	Hon'ble VC as the Chief Guest
Module I: Pre-requisites for agri-preneurship/startup development			
2	28-12-2023	Technology brief of business models/products developed/proposed by incubatees and their expectations from RABI	Dr. Y. S. Dhaliwal
3	29-12-2023	CSKHPKV-Agri-Technology hub and Desirable personality traits in agri-entrepreneur	Dr. Rajesh Thakur
4	30-12-2023	Startups-Concept, Stages, Criteria & RKVY-RAFAAR startup scheme	Dr. Y. S. Dhaliwal
31-12-2023 Sunday			
5	01-01-2024	Entrepreneurship and schemes of supporting MSMEs	Dr. Param Jeet Singh, External
6	02-01-2024	Soft skills for the management of an enterprise	Mr. Balbir Singh, External
7	03-01-2024	Communication skills for the effective agri-business	Prof. N. Datt, External
8	04-01-2024	Market research and marketing of agricultural produce	Dr. MS Jaiarth, External
9	05-01-2024	Preparation of feasibility report/project report and assessment of project viability	Mr. R. Sehgal, External
10	06-01-2024	Sales and Marketing skills for the effective agri-business	Dr. Devesh Thakur
07-01-2024 Sunday			
11	08-01-2024	Financial management in agri-business - Costing, Pricing, & main tools (break-even points, P+L statements-- , etc).	Dr. Rajesh Thakur
Module-II: Business model Development			
12	09-01-2024	Understanding vision and value proposition of the business	Dr. Khushdeep Dharni (External)
13	10-01-2024	Market size and segmentation in relation to a business model	Dr. Khushdeep Dharni (External)
14	11-01-2024	Startup/business scope in food, agribusiness & allied technology sector	Dr. Anupama Sandal
15	12-01-2024	Understanding business model canvas & factors supporting a good business model	Dr. Aggeya Tripathi (External)
13-01-2024 Second Saturday			
14-01-2024 Sunday			

16	15-01-2024	Market size and segmentation in relation to a business model	Dr. Aggeya Tripathi, External
17	16-01-2024	Solution orientation for running a successful business model	Mr. SK Pandey, External
18	17-01-2024	Revenue model of the business	Mr. SK Pandey, External
19	18-01-2024	Startup & Entrepreneurship opportunities in Agro-technology	Dr. Mahesh Gupta, External
20	19-01-2024	Idea validation and Growth strategies	Dr. Mahesh Gupta, External
21	20-01-2024	Basic elements of Financial Statements and Management - Cash Flow, Balance Sheet, P&L	Rajiv Goyal, External
21-01-2024 Sunday			
22	22-01-2024	Marketing Research	Kanika Rajdev, External
23	23-01-2024	Industry Analysis	Rajiv Goyal, External
24	24-01-2024	Cost Effective Marketing Strategies	Satyendra Singh, External
25-01-2024 Statehood Day			
26-01-2024 Republic Day			
25	27-01-2024	Various Funding Options for Startups	Satyendra Singh, External
28-01-2024 Sunday			
26	29-01-2024	Creating a winning Pitch Deck	Satyendra Singh, External
27	30-01-2024	Financial Ratio & Valuation	Satish Chandra, External
28	31-01-2024	Company Registrations and Regulations including GST	Vijendra Singh Bachhal, External
29	01-02-2024	Digital Marketing	Manpreet Ghuman, External
30	02-02-2024	Branding & Market Communications	Ritika Singh, External
31	03-02-2024	Sales and Distribution Models for FMCG Start-ups	Sameer Gupta, External
04-02-2024 Sunday			
32	05-02-2024	Dealer/channel management	Amar Choudhary, External
33	06-02-2024	Successful Agri-Start-up journey	Srishti Batra, External
Module-III: Tips and tricks for making effective startup planning			
34	07-02-2024	Redefining your Technology description and Intellectual property for startups	Mr. Rajneesh, External
35	08-02-2024	One on one mentoring on business growth.	Mr. Rajneesh, External
36	09-02-2024	Funding landscape, Investment forms & milestone setting	Mr. Rajneesh, External
10-02-2024 Second Saturday			
11-02-2024 Sunday			
37	12-02-2024	Customer and market analysis for startups and how to conduct customer interviews	Dr. Rahul Dhiman, External
38	13-02-2024	Designing and articulating value proposition and Business models	Dr. Rahul Dhiman, External
Module -IV: Scope of startups in agriculture and allied sectors			
39	14-02-2024	Scope of startups in agriculture	Mr. Vikas Mishra, External
40	15-02-2024	Agri-business and strategy	Dr. Ranjana Verma
41	16-02-2024	Upcoming agro-processing ventures	Dr. Y. S. Dhaliwal
42	17-02-2024	Agri-business ventures in organic and natural farming	Dr. Janardan Singh
18-02-2024 Sunday			
43	19-02-2024	Upcoming ventures in oleiculture	Dr. Parveen Sharma
44	20-02-2024	Upcoming ventures in apiculture	Dr. S. K. Sharma
45	21-02-2024	Upcoming ventures in mushroom cultivation	Dr. Deepika Sood
46	22-02-2024	Upcoming ventures in dairy technology	Dr. Nishant Verma
47	23-02-2024 (FN)	Management of bird farming for increased profits	Dr. Varun Sankhyani
48	23-02-2024 (AN)	Closing session	Dr. Y. S. Dhaliwal
24-02-2024 Guru Ravidas's Birthday			
25-02-2024 Sunday			
49	26-02-2024	RIC meeting for the evaluation of performance	RABI Incubation Committee (RIC)

(YS Dhaliwal)

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



SIC Proceedings of CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur

File: 3R/03/SIC/RKVY/ZTM/IARI/2024

Date: 31st May, 2024

Proceedings of the Selection cum Investment Committee (SIC) Meeting for Him Aarambh- Agripreneurship Orientation Programme and Him Utakarsh - Seed Stage Funding of startups under RKVY-RAFTAAR for Him Palam RABI, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur by PUSA Krishi, ZTM & BPD Unit, ICAR-IARI on 31st May, 2024 on a virtual platform.

As per the letter from the competent authority of RKVY Cell, MoA & FW. The meeting of the SIC under RKVY-RAFTAAR, held for evaluation of RIC-II recommended startups under the Orientation & Incubation Programme of Him Aarambh (Agripreneurship Orientation Programme) & Him Utakarsh (Seed Stage Incubation Programme) of **Him Palam RKVY-RAFTAAR Agribusiness Incubator (Him Palam R-ABI), CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur** under the Chairpersonship Dr. Iyer Krishna, Advisor, Agribusiness/, New Delhi on **31st May 2024**.

The meeting was attended by:

1	Mr. Iyer Krishna, Advisor, Agribusiness/ Visiting Faculty, NAARM Hyderabad	Chairperson
2	Dr. Devinder Dhingra, Principal Scientist (Process Engg.) ICAR Hqrs, New Delhi for the position of Horticultural Primary Processing (HPP)	Member
3	Mr. Devasis Padhi, Ex-CGM NABARD	Member
4	Dr. Partha R. Dasgupta, Advisor Emeritus, Syngenta Foundation for Sustainable Agriculture	Member
5	V.K Sharma, Joint Director, RKVY-Division, Mistry of Agriculture, Govt of India	Member
6	Dr. Akriti Sharma, CEO, Pusa Krishi & In-charge, ZTM & BPD Unit, IARI	Member Secretary

After 2-months of a virtual workshop attended by Start-ups, RIC- II was conducted on **12th March, 2024**. RIC-II evaluation committee finally recommended a total of **6 (Six) Start-up for Seed Stage Funding** (up to Rs 25 lacs) and **10 (Ten)** Startups for Pre-Seed Stage Funding (up to Rs 5 Lacs).

Procedure: The RIC-II recommended Startups made presentations for 6-8 minutes followed interaction of the Committee members, completed the process of evaluation. The focus was to assess innovation and its benefit to the farmers and the agriculture sector. Finally, after a detailed discussion, a unanimous decision was arrived at for each project based on the input from all the members.

The summary of the Incubate details, fund recommendations and remarks, is given below:

Page 1 of 7



Him Utakarsh 2023-SEED STAGE (AIP PROGRAMME) PROPOSALS

S. No.	Founder	Startup	Focus Area	Decision (Yes/No)	Fund Recommended (in Lakh)	Remarks
1	Ms. Lavanya Sunkari/ Ms. Archana	Lauriko Private Limited	Post-harvest, Food Technology and Value Addition	No	0	The startup is working on Lauric-based shots from coconuts. The committee was not satisfied with the proposal. The startup has already been funded by multiple sources, comparatively, the scalability was not satisfactory.
2	Mr. Manish Dixit /Mr. Surjeet Singh	Ved Prabha Aerospace Pvt. Ltd.	Agriculture Supply Chain/IoT, ICT & AI in Agriculture	Yes	25	The startup is developing a drone for spraying services to optimum use of fertilizers, and providing services to farmers through UPL and IFFCO. The startup is working with 10000 farmers through IFFCO and UPL. Therefore, the committee recommended an amount of Rs. 25 lakhs. Startup to also conduct B2B trials with North Indian Farmers
3	Mr. Nayan Godhaviya/ Mr. Yogesh Sharma/ Mr. Rohit Godhaviya	NanoBee BioInnovations Private Limited	Agriculture Supply Chain/IoT, ICT & AI in Agriculture	No	0	The startup is building ReAgri platform, a Residue-Free farming-focused platform for Agri-Inputs (Pesticide, Fungicides, Bio Fertilizers, Nutrients), Agronomy services and Agri Produce Buyback through offline and online channels. The committee was not satisfied with the proposal.
4	Mrs. Swarna Devi/ Mr. Sumeet Singh/ Ms. Kritika Verma	Bioswam LLP	Waste to Wealth	Yes	5	The startup is converting hair waste to organic agriculture fertilizer. The startup claims that there is 16 percent N in one liter of the fertilizer formulation prepared by them and is cheaper and better than its competitors in the market. The committee recommended a pre-seed fund of Rs. 5 lakhs.

Page 2 of 7



5	Mr. Vaibhav Sharma/ Mr. Sarthak Sharma	Thinghertz Technologies Private Limited	Agriculture Supply Chain/IoT, ICT & AI in Agriculture	Yes	15	Thinghertz provides an IoT solution for automation in indoor farms, which gives users an access to real-time monitoring and control of Temperature, Humidity, CO ₂ levels and light intensity, irrigation at any time and from anywhere which can be accessed by mobile application and web dashboard. The committee recommended an amount of Rs. 15 lakhs for scaling up the technology.
6	Mr. Suhail Soni/ Mrs. Anajana Soni	Him Basket Partnership Firm	Post-harvest, Food Technology and Value Addition	No	0	The startup is providing herbal products using local natural resources found in the Shivalik foothills of the Himalayas. The committee was not satisfied with the R&D of the products.
Total A					45.0	

B. Him Aarambh-2023- PRE-SEED STAGE (AOP PROGRAMME) RECOMMENDED PROPOSALS

S. No.	Founder	Startup	Focus Area	Decision (Yes/No)	Fund Recommended (in Lakh)	Remarks
1	Mr. Akhil Reddy/ Mr. Sanjay Reddy	Kuppi Smart Solutions Pvt. Ltd.	Agriculture Supply Chain/IoT, ICT & AI in Agriculture	Absent	0	-
2	Dr. Baskaran Manimaran/ Mr. Jay Kiran J	Ecklien4ras LLP	Agriculture Supply Chain/IoT, ICT & AI in Agriculture	Yes	5	EC4RAS an electrochemical RAS technology which can address the challenges faced in aquaculture by its unique revolutionary capabilities of effective, nonimpact treatment & reuse with advanced control over the process for diverse species application. The startup is from Tamil Nadu not falling in the Himachal Pradesh and neighboring states. Saline-based aquaculture is likely to grow in future & work being done needs to be encouraged. Therefore, the committee recommended an amount of Rs. 5 lakhs based on the condition that the Startup should conduct trials in North India.



3	Ms. Shruti Sharma	Pahadi Legacy (Applied)	Post-harvest, Food Technology and Value Addition	No	0	The startup is making efforts to revive the regional superfoods by preparing indigenous Himmoori, Red Rice, Organic Millet, Pumpkin Seeds, Bangjiri, etc. The committee was not satisfied with the innovation in the proposal.
4	Dr. Aman Verma /Mrs. Rekha Verma	Dhame Himachal Partnership Firm (Applied)	Post-harvest, Food Technology and Value Addition	No	0	The startup collects natural and authentic spices, pulses and other ingredients from local farmers and prepare Himachali Dham using those ingredients and deliver them to the customers at their doorstep. The committee was not satisfied with the proposal.
5	Mr. Shubham Kumar /Ms. Shivani	Him Shuram Innovations Partnership Firm	Agriculture Allied Sectors	Yes	5	The startup has developed an affordable solution for the production of cordyceps mushrooms and also provides cordyceps mushrooms to customers. The startup is working with 6 farmers and searching more farmers to help them to grow cordyceps, therefore the committee recommended an amount of 5 lakhs to the startup.
6	Mr. Hemant Ghai/ Mr. Depak Sakhuja	Thiya Farms LLP	Post-harvest, Food Technology and Value Addition	No	0	The startup is providing products like multi-millet granola and fruit jams infused with Himalayan herbs. The startup is already funded. Therefore, the committee is not recommended for fund support.
7	Mr. Vishrut Dhadwal / Mrs. Rajni Dhadwal	Viraj Farms Partnership Firm	Post-harvest, Food Technology and Value Addition	Yes	5	The startup is providing essential oils from medicinal and aromatic plants from the knowledge of Ayurveda and Western medicinal plants. The startup is promoting commercial crops and providing marketing to farmers; therefore, the committee recommended an amount of 5 lakhs.



8	Dr. Sonali Yadav/ Ms. Kanta Ghate	Amalaki Foods LLP	Post-harvest, Food Technology and Value Addition	No	0	The startup is working on hill Lemon Juice and Identifying a total of 7-8 Native products like Lungdu (Fiddle Head fern), Rhododendron, Galgal, Gucchi mushroom etc and increasing the shelf life and reducing the post-harvest losses by solar drying. The committee was not satisfied with the proposal.
9	Ms. Preeti Rathore/ Mr. Manvir Singh	Amritatva Food Pvt Ltd	Post-harvest, Food Technology and Value Addition	No	0	The Gluten-free Vegan Millet & mushroom-based food products ready to eat and ready to cook, which helps food-allergic people to have safe food, and best plant-based options for health-conscious people. Committee was not satisfied with innovativeness and backhand farmers connect.
10	Mr. Tanmay Sharma/ Ms. Shubhi Sharma	Bamboo Connection Private Limited	Agriculture Allied Sectors	Yes	5	The startup manufactures all-natural incense sticks: All-natural wood powder free from chemicals free from charcoal quality natural essential oils used for aroma Specially blended aromas to soothe the human mind. The committee has considered based on the business model of the startups and looked the procurement angle of startups from farmers for natural wood of Palampur, Himachal Pradesh. Therefore, the committee recommended an amount of Rs. 5 lakhs.
Total B					20.0	
A+B					65.0	

SIC recommended 5 (Five) startups under the Pre-Seed Stage funding of up to Rs. 5 Lakhs and total Pre-Seed Stage fund recommendation of Rs. 25 lakhs (Rs Twenty-five lakhs only), and 02 under Seed Stage for funding of up to Rs. 25 lacs and total Seed Stage Fund recommendation of Rs. 40 lakhs (Rs. Forty lakhs only).



The fund disbursement process will be carried out at the level of RKVY RAFTAAR Agribusiness Incubator (RABI) under **Him Palam RKVY RAFTAAR Agri-business Incubator (Him Palam RABI)** after duly approved from the Ministry upon submission of the require details viz., signed investment form by startups, proper document due diligence and signing of agreement between Startup and the Incubator.

It is hereby proposed to release the **first tranche** of Startups to **Him Palam RKVY RAFTAAR Agri-business Incubator (Him Palam RABI), CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur** for:

- Rs. 25.00 lakhs (Rs. Twenty-five lakhs only)** for 05 Startups under Pre-Seed Stage Funding (100% of the total grant).
- Rs. 20.00 lakhs (Rs. Twenty lakhs only)** for 02 Startups under Seed Stage Funding (50% of the total grant).

The meeting ended with a vote of thanks.

L. V. Krishna

L. V. Krishna
Member
(Chairman)

Devinder Dhillon

Devinder Dhillon
(Member)

Partha R. Dasgupta

Partha R. Dasgupta
(Member)

approved via email

V.K Sharma
(Member)

approved via email

Devasis Padhi
(Member)

Akshay

Akriti Sharma
Member Secretary

Email enclosed !

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: nodalofficerabi@hillagric.ac.in
- Website:
<http://hillagric.ac.in/research/dr/Him%20Palam%20R-ABI/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

v) **During 2023 -24**

- Program name (Pre-Seed Stage) = Him Aarambh Launch Date: 20-05-2023
- Program Name (Seed Stage) = Him Utkarsh Launch Date: 20-05-2023

RABIs Name	Total Applications Received		Total Incubated	
	Pre-Seed	Seed Stage	Pre-Seed	Seed Stage
Him Palam	45	40	5	2
Total startups	85			

Startup's selection status

No. of startups selected by RIC-I held on October 30 & 31, 2023 to undergo 2-month residential programme for		No. of startups selected by RIC-II held on March 12, 2024 for		No. of startups selected by CIC held on May 31, 2024 for	
Seed funding	Pre-seed funding	Seed funding	Pre-seed funding	Seed funding	Pre-seed funding
17	14	6	10	2	5

Year-wise technology brief of startups and amount sanctioned

Technology Brief of Startups selected during 2019-20

S. No.	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

S. No.	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

S. No.	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	Himgrow 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

S. No.	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	Himgrow 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

S. No.	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 2021-22

S. No.	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

S. No.	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 2022-23

S. No.	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

Technology brief of Startups selected during 2023-24

S. No.	Startup Name / Title of the project	Founder's name	Focus Area
Him Utkarsh (Seed Stage Funding)			
1	Ved Prabha Aerospace Pvt. Ltd.	Manish Dixit	Agriculture Supply Chain/IoT, ICT & AI in Agriculture
	Tech Brief: The startup is developing a drone for spraying services to optimum use of fertilizers, and providing services to farmers through UPL and IFFCO.		
2	Thinghertz Technologies Pvt. Ltd.	Vaibhav Sharma	Agriculture Supply Chain/IoT, ICT & AI in Agriculture
	Tech Brief: Thinghertz provides an IoT solution for automation in indoor farms, which gives users an access to real-time monitoring and control of Temperature, Humidity, CO2 levels and light intensity, irrigation at any time and from anywhere which can be accessed by mobile application and web dashboard.		
Him Aarambh (Pre-seed Stage Funding)			
1	Bioswarn LLP	Swarna Devi	Waste to Wealth
	Tech Brief: The startup is converting hair waste to organic agriculture fertilizer. The startup claims that there is 16 percent N in one litre of the fertilizer formulation prepared by them and is cheaper and better than its competitors in the market.		
2	Him Shuram Innovations Partnership Firm	Shubham Kumar	Agriculture Allied Sectors
	Tech Brief: The startup has developed an affordable solution for the production of cordyceps mushrooms and also provides cordyceps mushrooms to customers.		
3	Viraj Farms Partnership Firm	Vishrut Dhadwal	Post-harvest, Food Technology and Value Addition
	Tech Brief: The startup is providing essential oils from medicinal and aromatic plants from the knowledge of Ayurveda and Western medicinal plants.		
4	Bamboo Connection Private Limited	Tanmay Sharma	Agriculture Allied Sectors
	Tech Brief: The startup manufactures all-natural incense sticks: All-natural wood powder free from chemicals free from charcoal quality natural essential oils used for aroma Specially blended aromas to soothe the human mind.		
5	Ecklien4ras LLP	Baskaran Manimaran	Agriculture Supply Chain/IoT, ICT & AI in Agriculture
	Tech Brief: EC4RAS an electrochemical RAS technology which can address the challenges faced in aquaculture by its unique revolutionary capabilities of effective, nonimpact treatment & reuse with advanced control over the process for diverse species application.		

Amount sanctioned to startups selected during 2023-24

S. No.	Startup Name	Founder	Total Grant (Lakhs)	First Installment	Second Installment
Him Utkarsh					
1	Ved Prabha Aerospace Pvt. Ltd.	Manish Dixit	25	12.5	12.5
2	Thinghertz Technologies Pvt. Ltd.	Vaibhav Sharma	15	7.5	7.5
Him Aarambh					
1	Bioswarn LLP	Swarna Devi	5	5	-
2	Him Shuram Innovations Partnership Firm	Shubham Kumar	5	5	-
3	Viraj Farms Partnership Firm	Vishrut Dhadwal	5	5	-
4	Bamboo Connection Private Limited	Tanmay Sharma	5	5	-
5	Ecklien4ras LLP	Baskaran Manimaran	5	5	-
Total			65.0	45.0	20.0

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 2024 to achieve the project objectives:

S. No.	Deliverable & Outcome	Status (Number)				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	10-15 Agribusinesses incubated in agriculture & allied sectors	8	10	10	7	7
2	Each R-ABI to help entrepreneurs to get access/license to 2-3 technologies.	2	5	4	2	2
3	25- 30 Agripreneurs for training cuminternship for the two-month period	17	18	31	24	30
