



ANNUAL REPORT

2023-2024



INHERE

Village Chinoni, Post Bhagoti, Chaukhutia, dist. Almora, Uttarakhand. PIN- 263656

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1. **INHERE offices, campuses and Legal Status**

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Field Campus

INHERE

Ratkhet (Village Bel)
Block Bhikiyasain, Pin- 263667
Distt.Almora,
Uttarakhand

Field Campus

INHERE

Patalgaon, Bhatoli,
Block Chaukhutia,
Post Bhagoti, Pin-263656
Distt.Almora,
Uttarakhand

----- **LEGAL STATUS** -----

Registered under Society Registration Act 1860

Registered under Foreign Contribution Regulation Act (FCRA) 1976, Ministry of Home Affairs, Govt. of India

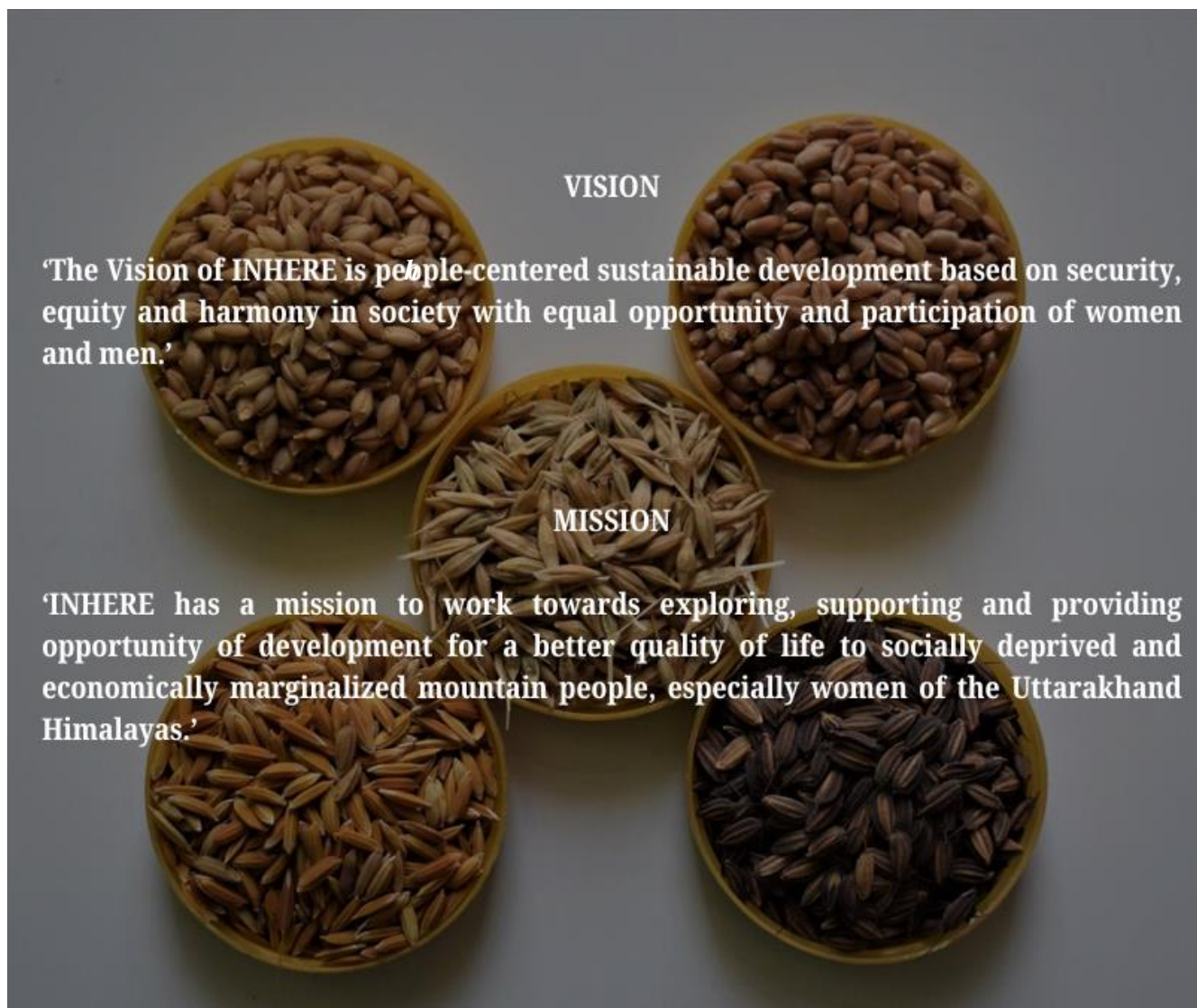
Registered under 12A of Income Tax Act

Registered under 80G of Income Tax Act

Website: www.inhereindia.in

2. About INHERE: Vision, Mission, Constituency and Thrust Areas

The Institute of Himalayan Environmental Research and Education (INHERE) is a not-for-profit, non political, secular, non-governmental development organization working for development of the mountain people of the Uttarakhand Himalayas. INHERE engages as a research organization, a support organization and a grassroots facilitating and implementing organization. INHERE strives to be an open and a learning organization which believes in transparency within the organization as well as with the communities. It encourages initiatives and experimentation to achieve effectiveness and excellence in its work. INHERE believes in an integrated approach to development encompassing social, economic, human and policy development.



CONSTITUENCY:

The socio economically deprived and marginalized people of the Himalayas, especially the women on whom falls the greater burden.

THRUST

The main areas of work of the organization are:

ENVIRONMENT:

- Protect and conserve environment and natural resources.
- Restore and conserve natural bio-diversity.
- Promote people centered and controlled natural resource management systems and practices.

FOOD AND LIVELIHOOD SECURITY:

- Promote diversified and sustainable organic agriculture system for food security.
- Encourage self-employment and income generation activities through capacity building and skill development.
- Provide access and opportunities for managing natural resources for sustainable livelihoods.

BASIC SOCIAL INFRASTRUCTURE:

- Build models and demonstrate techniques for assured, protected and safe drinking water for domestic use and minor irrigation.
- Promote low cost sanitation and hygiene facilities.
- Promote preventive, curative health care system focusing on traditional system of medicines.

HUMAN RESOURCE DEVELOPMENT

- Encourage and strengthen community-based organizations.
- Improve skill, awareness and knowledge base of the people for self-employment and income generation.
- Support institutions of civil society for more responsible participation.

ADVOCACY

Impact on policymaking bodies, implementing organizations, policy making and administrative institutions through interaction and constructive demonstration

3. Overview

In line with its ongoing dedication to mountain development in the Western Himalayan region, INHERE's 2023-24 Annual Report showcases the organization's impactful grassroots work. This year, INHERE expanded its outreach to new geographical areas, intensifying its efforts to build capacities and skills among rural communities. Through collaborations with a diverse range of stakeholders and engagement on international platforms, INHERE not only strengthened local communities but also contributed to knowledge production. These efforts highlight the complex realities of mountain ecosystems and INHERE's persistence through gaining recognition in both developmental and academic spheres.

INHERE has sustained its efforts in conserving, collecting, and multiplying traditional open-pollinated mountain seeds through its seed bank at the Chinoni campus. To promote community ownership and local stewardship of natural resources, INHERE inaugurated its first High Altitude Open Pollinated Community Seed Bank in Liti, Kapkot Block, Bageshwar District, on International Mountain Day 2023. Situated in the Namik Valley, near the Hiramani Glacier, at an elevation of 2,100 meters, the seed bank currently houses 28 varieties of traditional seeds collected by local farmers. This landmark initiative was covered by local media and featured in the Mountain Partnership network of the FAO.



INHERE is making sustained efforts in expanding to newer geographies and communities that have been economically marginalized and neglected due to structural reasons. INHERE staff members conducted need assessment surveys in 4 high altitude border villages in the Niti and Mana valleys of dist. Chamoli to understand aspirations and challenges faced by community members. Assessment was made on current livelihood options, its challenges, expectations and future plan of action with community representatives.

INHERE staff members actively participated in key academic forums during the year. A research paper was presented at the Annual Kathmandu Conference on Nepal and the Himalaya 2024 in Kathmandu, Nepal. The conference was jointly organized by the Association for Nepal and Himalayan Studies, the Britain–Nepal Academic Council, the Centre for Himalayan Studies–CNRS, and the Nepal Academic Network (Japan). Additionally, INHERE presented an action-based research paper at the National Conference on *Prospects and Challenges: Promoting Sustainable Farming Systems in Mountain Regions of Uttarakhand*. The paper examined the challenges of working with agricultural setups in the hills and highlighted INHERE's successful value chain model, which benefits smallholder farmers and other stakeholders.



INHERE staff engaged in meaningful interactions with senior officials at the International Centre for Integrated

Mountain Development (ICIMOD) and the Ministry of Tourism, Government of Nepal, in Kathmandu. Key challenges and opportunities in the Central Himalayan region were discussed, along with potential areas for collaboration. A field visit was also conducted to Himalayan Bio Trade Pvt. Limited, a natural processing and marketing company based in Kathmandu, and Eco Himal, a grassroots development organization. The visit focused on understanding the value chain industry of Himalayan medicinal and aromatic crops, with the goal of identifying ways to support smallholder mountain farmers across India and Nepal.

INHERE has initiated joint collaborations with other developmental organizations in the hill regions and across India to foster mutual cooperation, knowledge sharing, and developmental support. To strengthen marginalized communities in the hills, INHERE is working with Astha, a New Delhi-based disability rights organization, to build the capacity of grassroots workers in supporting differently-abled communities. Additionally, INHERE is exploring potential collaborations with Mount Valley Development Association (MVDA), a social development organization in Tehri Garhwal, aimed at empowering rural entrepreneurs through skill and capacity-building initiatives. Ongoing discussions with Aarohi and CHEA, both based in Nainital, are also being held to identify mutual areas for collective action and support. INHERE staff members further acted as resource person and provided skill building trainings to farmers to Sanjeevani, a Ranikhet based developmental organisation working with mountain farmers. INHERE staff members also engaged with Hiteshi based in Kausani for providing guidance and support in organising their flagship event MTB Kausani, an annual mountain bike event.



This year, participation by INHERE staff at local, state and national level events and capacity building programs further bolstered organisation's presence in the development space and highlighted the need to work on mountain based issues at multiple platforms. INHERE staff participated in the national level consultation workshop on soil management practices organised by GIZ India and BMZ along with Council on Energy, Environment and Water (CEEW). Further INHERE staff also advocated on youth and mountain issues at the Y20 Brainstorming Session: *The Climate Change and Disaster Risk Reduction* event organised by SEWA Gujarat. Sustained efforts were taken in engaging with respective research institutions, CSRs and partner organisations.

The organization has further opened up opportunities for volunteering to provide space for international and national professionals and like-minded individuals to participate in the social development activities undertaken by INHERE. A total of 7 volunteers from USA, United Kingdom, France, Germany, Russia and India contributed to social development work and participated in different community level activities round the year. (Antara Photo)

At the local level, INHERE staff conducted sessions on Biodiversity Conservation at government schools and colleges in block Chaukhutia, dist. Almora. Participation in local fairs, festivals and networking events in the hills were simultaneously undertaken by staff members.

The developmental work around training resource center at the Rathkhet campus is currently under progress to provide support and trainings to farmers on medicinal and aromatic plants cultivation. INHERE staff members have further streamlined their work through workspace digitization, social media engagement and online and offline participation in networking events.



Programmes and Projects

4.1 Biodiversity Conservation

INHERE's work on conserving mountain seeds and maintaining biodiversity has further gained momentum and made remarkable achievements in undertaking community driven initiatives. INHERE's work on conserving mountain seeds is dedicated to conserving open pollinated seeds as a strategic and essential initiative for multiple reasons. This endeavour aligns with the region's unique ecological, cultural, and agricultural context, aiming to address critical challenges while fostering sustainability and empowerment. The availability of seeds ensure easy access, affordability and slow food security for the small holder mountain farmers. It further conserves traditional knowledge on cultivation and biodiversity heritage of the local communities. In addition, the conservation of traditional seeds helps in preserving the culinary heritage through its usage for nutrition.



INHERE's work on the Open Pollinated Mountain Seed Bank gained international recognition, being shortlisted alongside 27 other international case studies for *Incentives for Biodiversity, Sustainable Landscapes, and Nature-Based Solutions in the Mountain Context* by ICIMOD, Kathmandu, Nepal. In order to skill build and gain knowledge, a two-day workshop was held to strengthen INHERE staff's skills in seed documentation, focusing on the agricultural, nutritional, and cultural significance of the seeds.

The High Altitude Open Pollinated Seed Bank was similarly celebrated by community members and got featured in local news channels as well. Further, to keep the initiative more sustainable, INHERE has worked out on an Agro- Tourism model to sustain traditional farming, develop value added nutritious foods, generate income through community tourism and engage in community development activities.



The model is currently in progress and INHERE is looking for initiatives to operationalise and upscale the same.

INHERE staff participated at various community level farmer fairs, festivals and events organised by state line departments and were recognized for their efforts in seed conservation. The seed bank makes available improved quality seeds to mountain farmers as per seasonal demand. The seeds are collected from different villages, brought to Chinoni centre for grading, carrying out seed germination tests and is then further made available to farmers from the villages. The traditional varieties are open pollinated which enables saving and reuse by farmers reducing dependency and cost for a vital input in agriculture. This also increases the risk resilience of farmers.

Further strengthening and promote Biodiversity Conservation in the hill areas, INHERE has started a monthly Birdwatching Certification Course catering to local communities, students and tourists. The overall goal is to promote environmental conservation and sustainability through a Citizen Science based approach.

4.2 Conservation and Utilization of non- food bio resources through cultivation and value addition

The project on Conservation and Utilization of non- food bio resources focuses on promotion and cultivation of medicinal, aromatic and herbal crops (MAP), their value addition and creating market linkages for sustenance. The larger objective of the project is to promote and facilitate sustainable livelihood opportunities through creating additional income sources for small-holder mountain farmers. MAP crops have been particularly focused since these are less vulnerable to wildlife attacks, easier to cultivate as compared to food crops and provides higher economic returns.

With project's initiation on 1st April 2022, the project has successfully able to support farmers in awareness building on MAP crops cultivation, accessing quality planting material, participating in trainings and educational visits to other progressive farmers and entrepreneurs for experience sharing, interact with scientists and technical officers on crop improvement and value addition. Educational visit to institutions GBPUAT, Pantnagar, Uttarakhand were done to seek technical guidance and information from senior scientists engaged in promotion of similar crops.

A High Altitude Open Pollinated Mountain Seed Bank has also been established at village Liti, dist. Bageshwar in Uttarakhand. The seed bank has 28 varieties native to the region and will be providing quality seeds to local farmers.

INHERE, through strengthening its first of its kind grassroot initiatives, steam distilled Lemongrass crop to extract Hydrosol and Oil through a PPP model in Deghat, dist. Almora, Uttarakhand. A total of 5 litres of Oil and 400 Litres of Hydrosol was extracted worth Rs 50,000. Development of range of value added products using locally available Medicinal Crops have been made. Development and test trials of herbal tea blends, Chawanprash, Incense cones, essential oil, hydrosols and powders is currently under process as immunity boosters and wellness products.

Further, to ensure financial security and develop effective forward linkages for value addition and marketing, listing of potential wholesale buyers, hotel and wellness centres and individual setups engaged in MAP sale has been prepared.

The activities undertaken in the period for conservation and utilization of non- food bio resources project are the following:

Contacts and meetings:

During the reporting period, 84 village-level meetings were held in 20 villages (gross total) across 3 districts Almora, Chamoli and Bageshwar in Uttarakhand. A total 741 participants participated in the meetings that included 432 men and 309 women. Village level meetings were conducted to address various topics related to agricultural and entrepreneurial endeavours. The meetings focused farmer registration, cultivation, problems and orientation of community members, selection and sowing of suitable and commercially viable MAP crops. Monitoring and guidance were given on nursery raising, cultivation, soil preparation, use of on-farm inputs for nutrition, harvesting and storage respectively.



Trainings and Workshops:

A total of 14 trainings/workshops were organised with 225 participants comprising 158 men and 67 women at the INHERE training centre and village level. Farmers received comprehensive training and workshops to address various aspects of agricultural practices and market engagement. The fire line training equipped farmers with essential skills and knowledge to protect their crops and land from the threat of forest fires, ensuring the safety of their livelihoods and the environment. Continued project orientation sessions were conducted to familiarize farmers with the identification and cultivation techniques of existing medicinal crops, followed by discussions on strategies for value addition and effective marketing, thereby enhancing their income opportunities.

Moreover, the buyer-seller meets provided a platform for farmers to engage with potential buyers, while also gaining insights into legal compliances and market regulations concerning hemp seed, oil, stem, and fibre. Practical trainings on specific crops such as Damask Rose, *Tulsi* (basil), Chamomile, and Lemongrass cultivation techniques, emphasizing aftercare practices, quality enhancement, and market linkages. These sessions aimed not only to improve crop productivity but also to enable farmers to tap into expanding markets for medicinal and aromatic plants.

Furthermore, workshops focused on developing outreach and marketing strategies for medicinal, aromatic, and herbal products, recognizing the importance of effective communication and branding in attracting consumers. Additionally, trainings on seed conservation, storage, and documentation underscored the significance of preserving genetic diversity and ensuring the availability of high-quality seeds. Finally, the training on nursery development for chamomile provided farmers with the skills needed to establish plant nursery, contributing to the long-term success of their agricultural endeavours



List of trainings and workshops:

Sr. no.	Date	Place	Resource Person	Subject	Total Participants	Male	Female
1	17/05/23	Timilkhal	Harish Ram and Bhupal Singh	Training on fire line for protection from forest fires.	12	09	03
2	19/06/23 to 21/06/23	Inhere Training centre	Chinmaya Shah and Pawan Kaira	Project orientation of farmers, listing of existing medicinal crops, discussion on their value addition and marketing.	12	12	0
3	26/06/23 to 28/06/23	Inhere Training centre	Chinmaya Shah	Project orientation of farmers, listing of existing medicinal crops, discussion on their value addition and marketing.	10	09	01
4	12/09/23	Inhere Training centre	Pavitra Joshi	Buyer seller meet, legal compliances training, market linkages of Hemp seed, oil, stem and fibre.	17	17	0
5	18/09/23	Inhere Training centre	Bhuwan Sharma	Training on Rose cultivation, after care and marketing.	25	14	11
6	20/09/23	Inhere Training centre	Mohan Sharma	Training on cultivation of <i>Tulsi</i> (Basil), value addition and market linkages.	19	19	0
7	22/09/23	Inhere Training centre	Mohan Sharma	Training on Chamomile cultivation, value addition and market linkages.	22	13	09
8	23/09/23	Inhere Training centre	Mohan Sharma	Training on Lemongrass cultivation, value addition and market linkages.	14	13	01

9	24/09/23	Inhere Training Centre	Mohan Sharma	Training on cultivation of <i>Tulsi</i> (Basil), value addition and market linkages.	18	11	7
10	01/11/2023	Ramari village	Jagdish Sharma and Pawan Kaira	Training on Stamping, Labelling and Packaging	13	7	6
11	15/12/23	Inhere Training Centre	Chinmaya Shah	Workshop on outreach and marketing strategy of medicinal, aromatic and herbal products	12	11	01
12	11/1/2024 To 12/1/2024	Inhere Training Centre	Pawan Kaira, Chinmaya Shah	Training on seed conservation and marketing value	20	9	11
13	30/01/2024 To 31/01/2024	Inhere Training Centre	Ritu Sogani	Training on seed conservation, Storage and documentation	23	14	9
14	06/02/2024	Gadtoeya	Pawan Kaira	Training on Development of Chamomile nursery	8	0	8
				Total	225	158	67

Educational visits:

A total of 9 educational visits to research institutions, progressive farmers, farmer's fair and enterprise units were conducted to gain knowledge and insights from cultivation to business development. A total 183 farmers participated in the educational visits that included 92 men and 91 women. These visits were organized for farmers across different districts in Uttarakhand.

Above educational visits were organized for farmers across different districts in Uttarakhand. In Mehalchouri, dist. Chamoli, farmers participated in fairs aimed at promoting market outreach and linkages for cultivators of medicinal plants. Similarly, in Gairsain and Gauchar of Chamoli district, farmers engaged in similar activities to enhance their market connectivity. Additionally, in Takula, dist. Almora, an educational visit was organised for the farmers which focused on rose cultivation, covering aspects like post-harvest techniques, aftercare, and market linkages. In dist. Bageshwar, farmers tour was organized to attend Uttarayani Mela (fair) aiming to improve their marketing skills.

Moreover, women farmers attended the Maa Shakti Aajivika Mahotsav (Livelihood festival, organised by Uttarakhand state government) in Gauchar, dist. Rudraprayag to gain knowledge on marketing skills and value addition practices. Lastly, participation in Kisaan Mela (Farmers fair) at Vivekananda Hill Agricultural Research Institute (A unit of Indian Agricultural Research Institute – ICAR) Almora and G. B. Pant University of Agriculture and Technology, Pant Nagar provided farmers with opportunities to gain knowledge on cultivation techniques and value addition in MAP crops. These educational visits aimed to empower farmers with practical knowledge and foster linkages with markets for improved agricultural practices and economic opportunities.



List of educational visits:

Sr. No.	Date	Place	Subject	Participants		
				Total	Male	Female
1	19/10/23	Vivekananda Hill Agricultural Research Institute (A unit of Indian Agricultural Research Institute – ICAR) Almora	Participation in Farmers fair with medicinal plants cultivators for market outreach and linkages	36	33	03
2	27/10/23 To 30/10/23	Mehalchouri, dist. Chamoli	Participation in Farmers fair with medicinal plants cultivators for market outreach and linkages	11	04	07
3	04/11/23 To 08/11/23	Gairsain, dist. Chamoli	Participation in Farmers fair with medicinal plants cultivators for market outreach and linkages	10	03	07
4	07/11/23	Takula, dist. Almora	Educational visit to Rose cultivation site, post-harvest, aftercare and market linkages	17	03	14

5	14/11/23 To 18/11/23	Gauchar, dist. Chamoli	Participation in Farmers fair with medicinal plants cultivators for market outreach and linkages	03	0	03
6	15/01/2024 To 17/01/2024	Bageshwar kapkot	MAP Famrmers tour to Bageshwar fair for improve marketing skills	13	1	12
7	15/2/2024 To 16/2/2024	Gauchar	Maa shakti aajivika mahotsav (Educational visit)	24	2	22
8	21/02/24	Vivekananda Hill Agricultural Research Institute (A unit of Indian Agricultural Research Institute – ICAR) Almora	Participation in Krishi mela (Farmers fair) for knowledge gaining on cultivation and value addition	30	18	12
9	09/03/2024 – 11/03/2024	G. B. Pant University of Agriculture and Technology	Participation in Krishi mela (Farmers fair) for knowledge gaining on cultivation and value addition	39	28	11
			Total	183	92	91

Product Development:

Below mentioned products are currently under trial at the Chinoni Resource Centre:

- Essential Oil: Lemongrass and Marigold
- Hydrosol: Lemongrass, Tulsi (Basil) and Ginger.
- Tea Blends: (i) Lemongrass, Tea and Mulethi (Liquorice), (ii) Brahmi (Bacopa Monnier), Mint, Tea and Mulethi (Liquorice), (iii) Chamomile, Mulethi (Liquorice), Tea and Fennel (iv) Basil, Mulethi (Liquorice), Fennel and Tea
- Incense Sticks & Cones: 1
- Immunity Boosting Supplement: Chawanprash (Herbal immunity jam): 1
- Wellness: Orange Peel

List of collected local medicinal, aromatic and herbal seeds at INHERE Seed Bank, Chinoni and at High Altitude Open Pollinated Mountain Seed Bank:

INHERE Seed Bank, Chinoni, dist. Almora:

- (i) *Amla* (Indian Gooseberry) (ii) *Chamomile* (iii) *Gokru* (*Tribulus terrestris*) (iv) *Hemp* (v) *Tulsi Rama* (*Ocimum*) (vi) *Shatavari* (*Asparagus racemose*) (vii) *Reetha* (Soap nut) (viii) *Alsi* (Flaxseed) (ix) *Bhangjeera* (*Perilla seed*) (x) *Harad* (*Chebolic myrobalan*) (xi) *Marigold* (xii) *Konch* (*Cowitch*)

High Altitude Open Pollinated Mountain Seed Bank, Liti, dist. Bageshwar

- (i) *Matar* (Pea) (ii) *Soya Bean* (iii) *Rajma* (Kidney Beans) (iv) *Gehu* (Wheat) (v) *Urad* (Urad Bean) (vi) *Dhaniyaa* (*Coriander*) (vii) *Makka* (Maize) (viii) *Masur* (Red Lentil) (ix) *Hemp* (x) *Guduchii* (*Tinospora Cordifolia*) (xi) *Ragi* (Finger Millet) (xii) *Kala jeera* (Black Cumin) (xiii) *Jau* (Barley) (xiv) *Dhaan* (Rice) (xv) *Paalak* (Spinach) (xvi) *Timur* (Sichuan pepper) (xvii) *Rai* (Mustard) (xviii) *Chaulai* (Amaranth Grain) (xix) *Muli* (Radish) (xx) *Karela* (Bitter Gourd) (xxi) *Mirch* (Chilli) (xxii) *Jata Masi* (Spikenard)

List of other support activities undertaken in the reporting period:

- Mobilisation of medicinal plant cultivators from village Ratkhet, Patalgaon, Aadigram, Timilkhal, Sartoli, and Bheltgaon in Chaukhutiya and Bhikiyasain blocks of Almora district and collectively harvested 20 quintals of Lemongrass (Krishna variety). The aggregated Lemongrass was transported 35 kilometres to a steam distillation unit established by Centre for Aromatic Plants (CAP Dehradun) in Deghat, District Almora. Steam distillation process was used to extract hydrosol and essential oil from the Lemongrass crop. A total of 400 litres of Lemongrass hydrosol and 5 litres of essential oil was extracted through this method. **Link to the video:** <https://www.youtube.com/++tch?v=j47B0CmCYR4>
- Inauguration of High-altitude community seed bank at Liti village on the occasion of International Mountain Day, 2023. The story of the seed bank also got publish in FAO website and was covered by local news channel. (i) **Link**

to the story on FAO website: <https://www.fao.org/international-mountain-day/international-mountain-day-in-the-news/events-detail/en/c/1674480/> (ii) **Link to the news:** <https://www.youtube.com/watch?v=aFOVX2EK4A0>

- Market search, communication and meetings with herbal shop owners and outlets in Delhi for market linkages of Medical, Aromatic and Herbal products
- Market search and availability of 2 Spiral Grader at village level for the grading of seeds to support medicinal plants cultivators gain better price for their produce
- Market search and availability of Cold Press Machine at village level for establishment of medicinal oil-based enterprise
- Meeting with staff from Kumaonkhand at village Liti, dist. Bageshwar for mobilisation of cultivators, value addition of Hemp products and facilitation for market linkages
- Meeting with INHERE President and sharing of project achievements for further guidance on undertaking project activities
- Online communication, sharing of project activities with senior representatives of CIMAP- Pantnagar, Uttarakhand, CAP- Dehradun, Uttarakhand, ICIMOD, Kathmandu, Nepal, KVK Scientists and Professors at G. B. Pant University of Agriculture and Technology (GBPUAT), Pantnagar, Uttarakhand for guidance and knowledge support
- Meeting with senior professor, Dept. of Chemistry, GBPUAT, Uttarakhand on guidance on Essential Oil Extraction of Himalayan MAP crops
- Meeting with Country Representative, FAO New Delhi on the occasion of establishing community owned Seed Bank, Liti, dist. Bageshwar
- Continuous market search, development of agricultural tools and procurement of support material for Liti seed bank, dist. Bageshwar
- Visit by INHERE staff to HRDI, dist. Chamoli visit to gain knowledge on development of medicinal, aromatic and herbal plants nursery at project villages
- Online meeting with Delta Botanicals and Research Private Ltd for support in Hemp legal compliances and market linkages
- Preparation of label content of 17 developed MAP products i.e. Chyawanprash, Herbal powders, Tea blends, Hydrosols, Spices and Essential oils
- Senior staff member attended Medicinal and aromatic plants cultivation training cum workshop at CIMAP Garur Bageshwar
- Online market search and communication with resource persons in Kathmandu, Nepal for value addition and marketing of *Timur* (Sichuan Pepper)
- Transplantation of Damask rose from nursery to fields at village, Chinoni and Ratkhet learning space
- Market search for tablet, capsules, and herbal powder packaging at old Delhi

- Preparation of marketing plan at local and regional level for collection, value addition and sale of MAP products
- Procurement of lab equipment i.e., lab coat, shoe cover, gloves, mask for test trial room at Chinoni learning space
- Availability of 5 Vermicompost beds at Chinoni and Ratkhet learning space
- Meeting with board members regarding project progress review.

1. Patalgaon demonstration centre:

- Plantation of lemongrass
- Harvesting of Damask rose for herbal tea blends and extraction of rose water through steam distillation
- Harvesting of 10 quintal Lemongrass for development of essential oil and hydrosol through steam distillation

2. Chinoni learning space:

- Installation of 2 litre steam distillation unit for research and development of essential oils and Hydrosol
- Maintenance work, cutting of bushes and composting on nursery beds
- Transplantation of rose cuttings
- Harvesting of Chamomile
- Test trial of *Timur* (Sichuan Pepper), Lantana, Rose, Stevia and Bay leaf oil from small distillation unit
- Development of Vermi compost structure at learning space

3. Ratkhet leaning space:

- Setup of irrigation system
- Harvesting of Chamomile and Stevia for product development
- Aftercare of Rose, Artemisia, Lemongrass, *Tulsi* (Basil), Marigold and Stevia
- Test trial of Lantana, Stevia and *Tej Patta* (Bay leaf) for the extraction of oil and hydrosol from small distillation unit
- Harvesting of 2kg Artemisia seed, 1kg Stevia seed and 300g of *Tulsi* seed (Basil)

Development of Chamomile nursery (5m*1m).

Documentation:

The audio- visual documentation of the office and field level activities have been simultaneously done and maintained.

4.3 Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems.

In December 2022, INHERE in collaboration with International Rice Research Institute (IRRI India office) and Consultative Group on International Agricultural Research (CGIAR Gender Platform) started a 6-month research project on Participatory Foresight Analysis on Gender and Agri- food systems.

The objective of the project focussed on developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems. It involved understanding of the gender realities in the local agri-food systems through use of secondary data, listing of hopes and fears, identification of influential forces using a STEEP framework, its categorisation, visualisation of relationship between the forces through use of software, identification of different states and development of plausible future scenarios over a period of 5-10 years by the stakeholders. In total, 4 different scenarios were to be developed which were not only realistic but were also seen as achievable through mutual consensus.



Two workshops were organized in the month of April at Balangir bringing together stakeholders to a common platform. The workshops in Odisha allowed diverse stakeholders to engage in discussions, shedding light on gender disparities prevalent in agriculture and food systems. They provided platforms for participants to collectively address challenges and work towards a more just and equal future. The workshops highlighted unequal gender roles and responsibilities in agriculture and food systems, emphasizing the need for women's empowerment through education, societal support, policies, and opportunities for skill development. Challenges faced by women such as excessive household work, limited mobility and societal restrictions were acknowledged but their role in contributing to agriculture and

food systems was also emphasized. A final report was prepared and was submitted to IRRI. The project currently stands successfully completed.

4.4 Demonstration and experimentation units

The efforts in demonstration areas at INHERE campuses continued to enhance bio- diversity through plantation of medicinal and aromatic herbs/plants and agriculture crops. Along with this, poultry, fish and duck rearing and poly house demo units were also maintained for purposes of training and demonstration to farmers.

1. Chinoni Campus:

I. Maintenance of poultry demo unit-

Rearing and upkeep of Kuroiler variety chicks is being done at the Poultry Farm, Chinoni.

II. Fish and Duck rearing unit:

The Fish and Duck rearing unit received routine maintenance



and was harvested from time to time. Interested farmers from different project villages were given demonstrations.

III. Poly house unit:

Capsicum, and Cauliflower seedlings were prepared and transferred to polyhouses for cultivation. Currently, there are 670 cabbage (*Snowball*) plants, 50 Cauliflower (*Snow Pearl*) plants, while locally 17 kg of Peas (*Pant Matar*) and 5 kg of Radishes have been sold. 22 bundle Rye (local variety) and 5 Coriander bundle (local variety) were produced with seeds purchased from the seed bank.

IV: Organic Demonstration Plot:

Work at the organic demonstration cum practical training plot was continued this year also two new vermicompost units were constructed to produce high-quality compost.

Preparation of Botanical pest controller and nutrients using on-farm inputs, improved agricultural techniques for cultivation and composting measures were maintained for demonstration.



V: Cow Shed unit for Sustainable Agriculture:

The cow shed underwent regular maintenance to produce valuable on-farm manure, which serves as both a bio-nutrient and a natural pest control method for crops. Proper rearing of 2 cows have been done. Cow dung has been used to prepare valuable vermicompost for Organic Cultivation of Vegetables and demonstration.



2. Patalgaon demonstration farm:

In Patalgaon demo farm following activities were undertaken:

- Proper irrigation and weeding was done for Lemongrass crop.
- Proper irrigation and weeding was done for Rose plants.
- 2.82 quintals of Lemon grass harvested for the extraction oil.
- Rearing of 5 cows was properly maintained.

3. Ratkhet Demonstration farm:

During the reporting year, following activities were performed in Rathkhet demonstration farm:

- Setup of irrigation system.



- Harvesting of Chamomile and Stevia for product development.
- Aftercare of Rose, Artemisia, Lemongrass, *Tulsi* (Basil), Marigold and Stevia.
- Test trial of Lantana, Stevia and *Tej Patta* (Bay leaf) for the extraction of oil and hydrosol from small distillation unit.
- Harvesting of 2kg Artemisia seed, 1kg Stevia seed and 300g of *Tulsi* seed (Basil).
- Development of Chamomile nursery (5 m*1 m).
- 11 Poultry birds are currently being reared.

4. Bhatoli demo farm:

In Bhatoli demo farm following activities were performed:

- 5.5 kg Kulath were cultivated and harvested.
- *Thavla* have been constructed for Amla, Harad and Baheda plants.
- Aftercare, mulching and *Thavla* making of planted trees.
- Collection of *Pirul*, bush cutting and creation of fire lines to protect the farm from forest fires.
- Grass cutting and maintenance of cattle on farm.

5. TRAINING, WORKSHOP AND MEETING

5.1 Workshops, Trainings and Meetings attended by INHERE in 2023-24

Sl.	Detail of Workshop, Meeting and Training	Date	No. of participant	Name of Participant	Place	Organized by	Duration
1	Participation in State Level Nodal Agency meeting on Watershed Development (SLNA- WDC- PMKSY2.0).	5.4.2023	1	Mr. Pawan Singh Kaira	Online	State Level Nodal Agency Watershed Management Directorate, Dehradun	1 day
2	Participation in International Seed Day & International Year of Millets 2023. Market Promotional work and market search work.	25 to 27.4.23	3	Mr. Chinmaya, Mr. Anushp Rawat & Ms. Geeta Bisht	Graphic Era Hill University Dehradun and other places	MVDA, Tehri Garhwal & INHERE, Almora	3 days
3	Participation in Training Cum Awareness Programme and Entrepreneur Meet on the cultivation of Medicinal and Aromatic Plants.	18.6.23	1	Mr. Pawan Kaira	Training Hall, CSIR-CIMAP Research Centre Purara, Bageshwar Uttarakhand	CSIR-CIMAP Research Purara, Bageshwar, Uttarakhand	1 day
4	Presentation on Completion report of “Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems”.	30.6.23	2	Mrs. Sonali Bisht & Mr. Chinmaya Shah	International Rice Research Institute (IRRI), New Delhi	International Rice Research Institute (IRRI), New Delhi	1 day
5	Introductory meeting with Dr. Srishtee Sethi (Ph.D.2019, Post Doc-Harvard) To discuss Networking & Collaboration for scale-up & learning in Himalayan regions for research.	3.7.23	1	Mr. Chinmaya Shah	Online	TISSAA	1 day
6	Workshop on Capacity Building Initiative on	19.7.23	3	Mr. Ghanshyam Pande, Mr. Anushp Rawat and Ms.	Online	Karl Kubel Foundation (KKF),	1 day

	safeguarding measures – KKF - Misereor – 2023 - 2026 for MPO (Misereor Partner Organization).			Manju Bhandari		Misereor, Germany	
7	Participation in G20/Y20 Programme on 'Climate Change'.	20.7.23	1	Ms. Geeta Bisht	S.J. Paradise Hotel, Dehradun	Research and Information System (RIS) & SEWA, India	1 day
8	Meeting with Dr. Pema Gyamtsho, Director General, ICIMOD, Nepal for future collaboration.	24.7.2023	1	Mr. Chinmaya Shah	ICIMOD, Kathmandu, Nepal	ICIMOD, Kathmandu, Nepal	1 day
9	Meeting with Narayan Dhakal, Executive Director Eco Himal, Nepal for future collaboration.	25.7.23	1	Mr. Chinmaya Shah	Eco Himal, Kathmandu, Nepal	Eco Himal, Kathmandu, Nepal	1 day
10	Meeting with Mr. Hikmat Singh Ayer, Senior Director, Nepal Tourism Board for future collaboration.	26.7.23	1	Mr. Chinmaya Shah	Nepal Tourism Board, Kathmandu	Nepal Tourism Board, Kathmandu	1 day
11	Meeting with Dr. Surendra Raj Joshi, PhD. Head-Living Mountain Lab, Senior Resilient Livelihoods Specialist, Kathmandu, Nepal for future collaboration.	26.7.23	1	Mr. Chinmaya Shah	Living Mountain Lab, Kathmandu, Nepal	Living Mountain Lab, Kathmandu, Nepal	1 day
12	Meeting with Mr. Khilendra Gurung, Manager Himalayan Bio Trade Pvt. Ltd., Kathmandu, Nepal for future collaboration.	28.7.23	1	Mr. Chinmaya Shah	Himalayan Bio Trade Pvt. Ltd., Kathmandu, Nepal	Himalayan Bio Trade Pvt. Ltd., Kathmandu, Nepal	1 day
13	Meeting with Mr. Martin Chautari, Pratyoush Onta, Director of Research Editor, Studies in Nepali History and Society, Kathmandu, Nepal for future collaboration.	28.7.23	1	Mr. Chinmaya Shah	Director of Research Editor, Studies in Nepali History and Society, Kathmandu, Nepal	Director of Research Editor, Studies in Nepali History and Society, Kathmandu, Nepal	1 day
14	Meeting with Swami Ashutosh, Kausani for future	5.8.23	2	Mr. Chinmaya Shah & Mr. Ghanshyam Pande	Anamay Ashram, Kausani	Anamay Ashram, Kausani	1 day

	collaboration.						
15	Meeting on outreach to Adobe CSR with Mr. Nandan Jha, Senior Engineering Manager.	8.8.23	1	Mr. Ghanshyam Pande	ATS, Sector 104, Greater Noida	Adobe	1 day
16	Meeting with Dr. Rakesh Singh, Educational Consultant Manjari Foundation for future collaboration.	8.8.23	2	Mr. Ghanshyam Pande and Mr. Anushp Rawat	North Campus, Delhi University	Manjari Foundation	1 day
17	Meeting with Mr. Prateek Aggarwal, Executive Director, Astha for jointly working in Uttarakhand.	9.8.23	2	Mr. Ghanshyam Pande and Mr. Anushp Rawat	Near Kalka Ji Bus depot, Delhi	Astha	1 day
18	Meeting with Mr. Kundan Bisht, CHEA, Nainital for jointly working with INHERE.	14.8.23	2	Mr. Chinmaya Shah & Mr. Ghanshyam Pande	CHEA Head Office, Nainital	CHEA, Nainital	1 day
19	Participation in Science Policy Dialogue and Multi-stakeholders Interaction on "Rethinking Ecosystem-based Approach (EbA) for water, livelihoods, and disaster risk reduction in the Indian Himalaya"	11.9.23 to 13.9.23	1	Mrs. Sonali Bisht	G.B. Pant National Institute of Himalayan Environment, Kosi, Katarmal, Almora	G.B. Pant National Institute of Himalayan Environment (NIHE) and International Centre for Integrated Mountain Development (ICIMOD)	3 days
20	Participation in FAO report launch event and the Farmers Forum meeting and National consultation	9 to 10.10.23 & 12 to 13.10.23	1	Ms. Geeta Bisht	Ahmedabad, Gujarat	SEWA, Ahmedabad, Gujarat	4 days
21	Workshop on 'Approach Methods for Safeguarding-Laocalize and Institute	10.10.23	2	Mr. Ghanshyam Pande and Mr. Anushp Rawat	Online	Karl Kubel Foundation (KKF), Misereor, Germany	1 day
22	Participation in Krishi Vigyan Mela	19.10.23	37	Ms. Geeta, Mr. Pawan Kaira and 35 farmers	VPKAS Experimental Farm, Hawalbagh, Almora	VPKAS (ICAR), Almora	1 day
23	Participation in Lok Sanskratik evm Krishi Vikas Mela	27.10.23 to 30.10.23	11	Ms. Geeta & 10 farmers	Cricket Ground, Mehalchauri, Garhwal	Department of Agriculture and Shikhar Parishad Gopeshwara	4 days

						nd	
24	Participation in Krishi Udyan evm Parytan Vikas Mela	4.11.23 to 8.11.23	10	Ms. Geeta and 9 farmers	Gairsain	Department of Agriculture & Tourism	5 days
25	Participation in Cultutral and Industrial Fair	14.11.23 to 18.11.23	3	Ms. Geeta & 2 farmers	Gauchar, Chamoli Garhwal	Govt. Industrial Development Department, Uttarakhand	5 days
26	Meeting with Prof. Om Prakash, Dept. of Chemistry on Processing and value addition of identified MAP crops	20.11.23	1	Mr. Chinmaya Shah	Kumaun University, Nainital	INHERE	1 day
27	Meeting with Prof. Yougal Joshi, Information Scientist on Processing and value addition of identified MAP crops	21.11.23	1	Mr. Chinmaya Shah	Kumaun University, Nainital	INHERE	1 day
28	Participation in capacity building workshop	21.11.23 to 23.11.23	1	Mr. Anushp Rawat	Vishwa Yuvak Kendra, Teen Murty Marg, Chanakyapuri, New Delhi	Misereor & Karl Kubel Foundation	3 days
29	Participation in Himalayan region consultation under Meri Maati – Desh Samriddhi initiative	23.11.23 to 24.11.23	1	Mr. Ghanshyam Pande	Hotel Vivanta, Guwahati.	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH India, on behalf of the German Federal Ministry on Cooperation and Economic Development (BMZ) and Council on Energy Environment and Water (CEEW)	2 days
30	Participation in expert's consultation on Actioning Incentives	29.11.23 & 30.11.23	1	Mr. Chinmaya Shah	Online	ICIMOD, Nepal	2 days
31	Meeting with Mr. Mayank Bawari, Programme Manager,	28.11.23	1	Mr. Chinmaya Shah	Delhi	INHERE	½ day

	INERA for guidance and preparation of marketing plan for value added products in mountain region						
32	Meeting with Mr. Ashish Giri, Research Manager-Indian Subcontinent, Global Health Solidarity Network for research collaboration and partnership in developing Global Solidarity Framework.	28.11.23	1	Mr. Chinmaya Shah	Delhi	INHERE	½ day
33	Meeting with Mrs. Devshree, Gender and Social Inclusion Specialist, Green-Ag Project, FAO, New Delhi	1.12.23	2	Mr. Chinmaya Shah and Mr. Anushp Rawat	New Delhi	INHERE	1 day
34	Educational visit of Rose cultivators of village Naugaon, Dhamdev and Tetuda	7.12.23	15	Ms. Geeta and 14 Farmers	Village Bhakuna, Block Salani, Takula, Distt. Almora	INHERE	1 day
35	Exclusive virtual session: Insights into IPBES Nexus Assessment and Stakeholder Engagement	8.2.21	1	Mr. Chinmaya Shah	Online	International Centre for Integrated Mountain Development (ICIMOD) in collaboration with the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)	1 day
36	Workshop with Mr. Sukhdev Vishwapremi, Co-founder cum Coordinator, Rural Technology and Development Centre (RTDC) on collaboration and knowledge transfer regarding 'High Altitude Community Managed Seed bank'	10.2.2024	4	Mr. Anushp, Mr. Pawan, Mr. Chinmaya and Ms. Geeta	Online	INHERE	1 day

37	Inauguration of Seed bank at Village Liti and organize International Mountain Day	11.12.23	30	INHERE Team & 30 Village Farmers	Village Liti, Distt. Bageshwar	INHERE	1 day
38	Participation in Understanding the Nexus Between SCP, Circular Economy and Climate Change: Lessons and Potential Strategies for Higher Climate Ambitions	15.2.24	1	Mr. Chinmaya Shah	Online	SWITCH-Asia, Bangkok, Thailand	1 day
39	11th Asia-Pacific Forum on Sustainable Development (APFSD) Side Event- "Inclusion of Women in Climate-Resilient Skill Education and Livelihoods"	20.2.24	1	Mr. Chinmaya Shah	Online	Azad Foundation	1 day
40	Meeting with Hiteshi Organization, Garur, Bageshwar for jointly working with INHERE.	19.2.24	3	Mr. Chinmaya Shah, Mr. Anushp & Mr. Ghanshyam Pande	Himshree Organization, Garur, Bageshwar	INHERE	1 day
41	Meeting with Arohi Organization, Mukteshwar, Nainital for jointly working with INHERE.	20.2.24	3	Mr. Chinmaya Shah, Mr. Anushp & Mr. Ghanshyam Pande	Arohi, Mukteshwar, Nainital	INHERE	1 day
42	Participation in Matrashakti Aajivika Mahotsav	15 & 16.2.24	24	Ms. Geeta & 23 women farmers	Gauchar, Chamoli Garhwal		2 days
43	Participation in Kisan Mela	21.2.24		Mr. Manoj Maheshwari, Mr. Pawan Kaira, Mr. Bhuwan Sharma, Mr. Mohan Sharma, Mr. Jagdish from INHERE & ... Farmers	Hawalbagh, Kosi, Almora	Vivekanand Prvtiya Krish Anushandhan Sansthan (VPKAS), Almora	1 day
44	Meeting with MountValley Development Association (MVDA) Organization, Tehari Garhwal, for jointly working with INHERE.	27.2.24	1	Mr. Chinmaya Shah	MVDA, Haridwar	INHERE	1 day
45	Workshop on Farmer Producer organization (FPO) and Medium Small Enterprise(MSE), for identification, improve their	4.3.24	1	Mr. Chinmaya Shah	Hotel MJ Residency, Dehradun	International Fund for Agriculture Development (IFAD)	1 day

	productivity and less impact on environment						
46	Meeting with Mr. Swapnil, CSR Team	11.3.24	1	Mr. Chinmaya Shah	Hamilton Housewares Pvt. Ltd., One Forbes, 2 nd Floor, Forbes Street, Kalaghoda, Mumbai	Hamilton Housewares Pvt. Ltd., Mumbai	1 day
47	Presentation in National Conference on Prospects and Challenges: Promoting Sustainable Farming Systems in Mountain Regions of Uttarakhand (NCSFM)	15.3.24	1	Mr. Anushp Rawat &	Chauras Campus, HNBSGU, Srinagar Garhwal, Uttarakhand.	Hemwati Nandan Bahuguna Garhwal University (HNBSGU) Srinagar, Garhwal	1 day
48	Participation in Entrepreneurship Development Workshop	17.3.24	1	Ms. Geeta Bisht	Government Degree College, Chaukhutia	Department of Higher Education, Uttarakhand	1 day
49	KKF	27.3.24	1	Anushp Rawat	Online	KKF	1 day

5.2 Training and Workshops held at Chinoni Training Centre, INHERE: 2023-24

Sl. No.	Date	Name of the Training/Meeting	No. of Training/meeting	Participants	Days
1	20.6.23	Orientation workshop cum training for farmers on cultivation of Non Food crops of Liti village, Distt. Bageshwar (Medicinal & Aromatic Plant)	1	8	1 day
2	27.6.23	Orientation workshop cum training for farmers on cultivation of Non Food crops of Ramani and Ratir village, Distt. Bageshwar (Medicinal & Aromatic Plant)	1	5	1 day
3	12.9.23	Workshop of entrepreneurs on Hemp cultivation, legal issues, value addition and marketing for Bageshwar area farmers (Village Liti and Ramani)	1	17	1 day
4	18.9.23	Training on rose cultivation, value addition and marketing	1	25	1 day
5	20.9.23	Training on Tulsi cultivation, value addition and marketing	1	20	1 day
6	22.9.23	Training on Chamomile cultivation, value addition and marketing	1	22	1 day
7	23.9.23	Training on Lemongrass cultivation, value addition and marketing	1	17	1 day
8	24.9.23	Training on Tulsi cultivation, value addition and marketing	1	21	1 day
9	22.12.23	Orientation workshop with INHERE & Astha Organization from Delhi on 'Disability among children in the mountain areas'	1	22	1 day
10	23.12.23	Joint workshop with Teachers from Govt. & Non Govt. schools and Astha Organization from Delhi on 'Understanding disability among school children'	1	9	1 day
11	9.1.2024	Training on Cultivation & value addition of Alovera	1	12	1 day
12	11.1.24 & 12.1.24	Technical Training in post harvesting, Preservation and storage for farmers of Liti village, Distt. Bageshwar	1	17	2 days
13	30.1.24 & 31.1.24	Training on Seed collection, preservation & storage	1	23	2 days
14	3.2.24	Training on incense cone making for village Tetyuda and Raikot	1	22	1 day

5.3 Training, Workshops Organized by INHERE: 2023-24

Sl. No.	Date	Name of the Training/Meeting	No. of Training/meeting	Place	Participants	Days
1	4 & 5.4.23	Workshop for Facilitators on Foresight Analysis on Gender Equality in agro food system in Rural area of Odisha	1	Hotel Triveni Distt. Balangir, Odisha	10	2 days
2	6 to 8.4.23	Workshop on Foresight Analysis on Gender Equality in agro food system	1	Hotel Triveni, Distt. Balangir, Odisha	33	3 days
3	10 to 12.4.23	Workshop on Foresight Analysis on Gender Equality in agro food system	1	Hotel Triveni, Distt. Balangir, Odisha	44	3 days
4	25 & 26.4.23	International Seed Day & International Year of Millets 2023	1	Graphic Era Hill University Dehradun	200	2 days

6. VISITORS

Sr.	Date	Name	Organization/Village	Purpose of visit
1	28.4.23	Mr. Ghanshyam Pandey	Nainital	Organizational Visit
2	1.5.23 to 6.5.23	Ms. Damini & 6 students	Sunstone Education Technology Pvt Ltd, Gurugram	For Educational Visit
3	2.5.23 to	Kirill Aleksandrov	Russia	For Volunteering
4	5.5.23	Mr. Arun Guliani & Team	Chartered Accountant, Guliani & Company, Dariyaganj, New Delhi	For Organizational audit and visit
5	12.5.23	Ms. Swati Thapa	Independent Journalist, The Third Pole	For reporting of Seed Bank of CUNF Project
6	22.5.23	Mr. Ronak Gupta	J.A. Martins & Co., Chartered Accountants, Pitampura, New Delhi	For CUNF Project Audit
7	22.5.23	Mr. Amael Renard & Mr. Cyriaque Bonnemoy	Tena, Rosa-L.Str., France	For Volunteering
8	30.5.23	Zoe Deuchar	The Old Tannery, Birmingham, UK	For Volunteering
9	19.6.23 to 21.6.23	08 Farmers of Village Liti, Distt. Bageshwar	Village Liti, Distt. Bageshwar	For CUNF Project orientation training

10	26.6.23 to 30.6.23	05 Farmers of Distt. Bageshwar	Village Keemu, Ratir, Ramani & Panyali, Distt. Bageshwar	For CUNF Project orientation training
11	12.7.23	Ms. Ritu Sogani	Lok Chetna Manch, Ranikhet	For Organizational and Seed Bank visit
12	26.7.23 to 30.7.23	Mr. Hari Prasad Uniyal and Mr.Kulender Singh	Uttarakhand State Organic Certification Agency (USOCA), Dehradun	For unannounced Inspection plan
13	1.9.23 to - 30.9.23	Mr. Rajshekhar	Vile Parle, Mumbai	For Volunteering
14	19.12.23 to 21.12.23	Mr. Heera Lal	Rajasthan State Organic Certification Agency (RSOCA)	For Inspection and renewal of Organic Certification
15	21.12.23	Mr. Danish Ahamad & Mrs. Seema	ASTHA, Delhi	For workshop on disability
16	1.1.24 to 24.1.24	Ms. Shivani Sati	DSB Campus, Kumaon University, Nainital	For Internship
17	10.1.24 to 13.1.24	14 Farmers of Village Liti, Distt. Bageshwar	Village Liti, Distt. Bageshwar	For CUNF Project training
18	29.1.24 to 31.1.24	Ms. Reetu Sogani	Lok Chetna Manch, Ranikhet, Uttarakhand	Resource person for seed Training
19	18.3.24 to 23.3.24	Mr. Obaid Ali O Almutairi	Saudi Arabia	For Volunteering
20	22.3.24 & 23.3.24	Mr. Kisan Singh Rana	HITESH, Rithar, Garur, Bageshwar	For Organizational visit

7. MEMBER IN COMMITTEES 2023-24

- **Department of Women Empowerment and Child Development, Govt. of U.K., Dehradun.**
Member, State Level Empowerment Committee
- **Department of Rural Development, Govt. of U.K., Dehradun**
Anchor NGO, Distt. Almora for CAPART programme
- **District Rural Development Agency, Almora**
Member NGO for SJSY, Almora.
- **Chief Development Officer's Office, Almora**
Member, District Level Committee on District Watershed Development Unit for Almora.
- **Chief Executive Officer, SLNA, Watershed Management Directorate, Dehradun**
Member, State Level Nodal Agency for Integrated Watershed Development Programme.
- **G B Pant Institute of Himalayan Environment and Development, KosiKatarmal, Almora, Uttarakhand**
Expert Member in the Panel of Experts under the Broad Thematic Group (Supplementary Livelihood Options) formed to set up an NMHS Monitoring, Learning and Evaluation (MLE) Mission

8. Network Member

- Mountain Partnership under FAO for sustainable mountain development

9. The INHERE Team

Bharat Singh Bisht	Bhuwan Sharma
Manoj Maheshwari	Geeta Bisht
Lalit Deshwal	Anushp Rawat
Chinmaya Shah	Narayan Dutt
Manju Bhandari	Puran Nath
Bhuwan Chandra Pandey	Sonamati Yadav
Pawan Singh Kaira	Virendra Lal Verma
Jagdish Sharma	Ghanshyam Pandey
Mohan Sharma	

10. INHERE INFRASTRUCTURE AND DEMONSTRATION UNITS

INFRASTRUCTURE

Two main offices and 3 field offices.

Two conference rooms with Projector and Audio-Video facility.

One Library of 5000 + books

Two Training Centers with lodging & boarding facilities for trainees and resource persons.

DEMONSTRATION UNITS	NO. OF UNIT
Medicinal Plants Nursery	3
Biodegradable waste composting silos for mountain areas	2
Biomass based agriculture dryer unit of 50 kg. capacity	1
Traditional Open Pollinated Mountain Seed Bank	2
SanjivaniAyurvedshala	1
Organic Agriculture Farm	2
Organic Food Processing Unit	2
Fisheries unit of 2000 fingerlings	1
Poultry rearing unit equipped with Solar Hatcher of pure Indian breed of 1000 birds	2
Bakery unit 1	1

11. INHERE DOCUMENTATION & PUBLICATIONS 2023-24

Reports

- Technical Report of ‘Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems’, workshops in Uttarakhand and Odisha.
- Annual Narrative Report of Conservation and utilisation of Non-Food Bio Resources through Cultivation and Value Addition to create additional livelihood support opportunities for rural communities of the Kumaon and Garhwal Himalayas of Uttarakhand, India.

Power Point Presentation

- Power Point presentations prepared for Annual General Body Meeting and Executive Committee meeting.

Documentary Film

- Lemongrass Essential Oil & Hydrosol Extraction | Deghat- Almora | लेमनग्रास की उत्तराखंड में खेती on YouTube

PARTNERS 2023-24

We sincerely acknowledge our partners who supported us in our endeavours in rural development during the year 2023-24.

- MISEREOR (KZE) Germany
- International Rice Research Institute (IRRI) CGIAR, Country Office New Delhi, India

INSTITUTE OF HIMALAYAN ENVIRONMENTAL RESEARCH & EDUCATION
CONSOLIDATED STATEMENT OF INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2024

EXPENDITURE	AMOUNT	INCOME	AMOUNT
<u>MISEREOR - CUNF</u> - Conesevation and Utilisation of Non Food Bio Resources Through Cultivation and Value Addition to Create Additional Livelihood Support Opportunities For Rural Communities of the Kumaon & Garhwal-UK	5,581,161.00	<u>MISEREOR - CUNF</u> - Conesevation and Utilisation of Non Food Bio Resources Through Cultivation and Value Addition to Create Additional Livelihood Support Opportunities For Rural Communities of the Kumaon & Garhwal-UK	5,055,945.00
FCRA Society Programme	1,239.53	Bank Interest - For Projects	30,417.00
		Bank Interest - Fcra Main	868.00
<u>IRRI - Foresight Programme</u>	1,787,434.00	<u>IRRI - Foresight Programme</u>	13,914.00
Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System		Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	
Honorarium/Consultancy	1,519,231.00	Miscellaneous Income	61,600.00
Programme Contribution	8,480.00	Services & Administration	937,063.00
Office Rent	240,000.00	Bank & FDR Interest	815,164.30
Telephone, Postage & Fax	42,970.59	Contribution From Training Centre	18,613.00
Travel & stay	191,682.60	Recovery of Cost From Assets	25,023.00
Documentation	25,393.00	Interest On Tds Refund	4,786.00
Audit Fee	60,000.00	Corpus Fund Interest	49,995.00
Administrative Expenses	229,376.40		
Misc. Expenses Inc. Repair	404,869.00		
Bank Charges	5,488.00		
Corpus Fund Interest - T/F	49,995.00		
		Excess Of Income Over Expenditure	3,133,931.82
Total.....Rs.	10,147,320.12	Total.....Rs.	10,147,320.12

INSTITUTE OF HIMALAYAN ENVIRONMENTAL RESEARCH & EDUCATION
CONSOLIDATED STATEMENT OF RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2024

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
<u>OPENING BALANCE - AS ON 1.4.2023</u>	19,067,579.12		
<u>MISEREOR - CUNF -</u> Consevation and Utilisation of Non Food Bio Resources Through Cultivation and Value Addition to Create Additional Livelihood Support Opportunities For Rural Communities of the Kumaon & Garhwal-UK	5,055,945.00	<u>MISEREOR - CUNF -</u> Consevation and Utilisation of Non Food Bio Resources Through Cultivation and Value Addition to Create Additional Livelihood Support Opportunities For Rural Communities of the Kumaon & Garhwal-UK	5,581,161.00
Bank Interest - For Projects	30,417.00	FCRA Society Programme	1,239.53
Bank Interest - FCRA Main	868.00		
<u>IRRI - Foresight Programme</u>	13,914.00	<u>IRRI - Foresight Programme</u>	1,787,434.00
Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System		Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	
Miscellaneous Income	61,600.00	Honorarium/Consultancy	1,519,231.00
Services & Administration	937,063.00	Programme Contribution	8,480.00
Bank & FDR Interest	815,164.30	Office Rent	240,000.00
Contribution From Training Centre	18,613.00	Telephone, Postage & Fax	42,970.59
Recovery of Cost From Assets	25,023.00	Travel & stay	191,682.60
Interest On Tds Refund	4,786.00	Documentation	25,393.00
Corpus Fund Interest	49,995.00	Audit Fee	60,000.00

Administrative Expenses	229,376.40
Misc. Expenses Inc. Repair	404,869.00
Bank Charges	5,488.00
Corpus Fund Interest - T/F	49,995.00
Liabilities/Amount Payable	797,393.00
<u>CLOSING BALANCE AS ON 31.03.2024</u>	15,136,254.30

Total.....Rs.	26,080,967.42	Total.....Rs.	26,080,967.42
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FOR GULIANI & COMPANY
FIRM REGD. No. - 000789N
Chartered Accountants

FOR INHERE

(Arun Kumar Guliani)
Partner
M. No. - 015970
UDIN No. - 24015970

(Secretary)

(Accounts Officer)

Head Wise Budget Distribution

