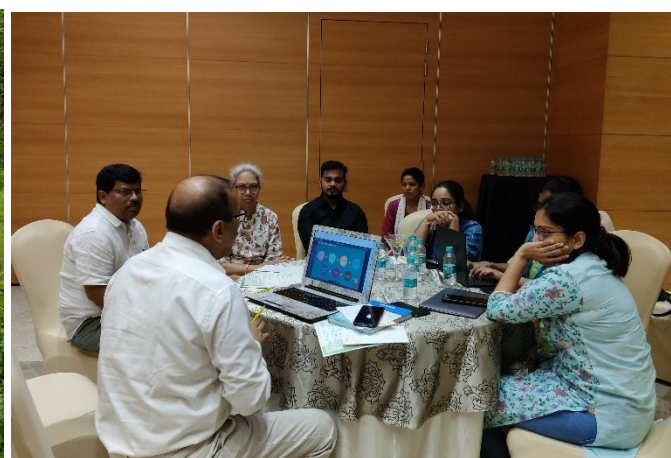


ANNUAL REPORT

2022-2023



INHERE

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

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1. INHERE offices, campuses and Legal Status

Regd. Office:

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Post Ganai, Pin-263 656

Distt.Almora

Uttarakhand (India)

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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 organisations, policy making and administrative institutions through interaction and constructive demonstration

3. Overview

With the coming of 2022-23, INHERE completed its 40 years of establishment since 1982 of grassroot community work in the Uttarakhand Himalaya. This year also marked INHERE adopting diverse approaches in terms of project areas, work culture and strategy for effective collaboration and implementation. The organization has ventured out to newer thematic areas with its expertise to deliver, diversify and strengthen its work on social development in the Uttarakhand Himalayas. On 20th December, 2022, board and staff members celebrated the occasion through experience sharing on INHERE's journey. A small film was also shared showcasing organisation's developmental journey since its foundation years. The film can be viewed here: <https://www.youtube.com/watch?v=OF2oZVEqnYw>

INHERE continued with its efforts on conservation, collection and multiplication of traditional open pollinated mountain seeds at the seed bank headquartered at Chinoni campus. In order to further strengthen the work on disseminating information on mountain crops, visual posters have been design and developed specifying its botanical information, characteristics and health benefits. Further, a new space has been created for collection and display of medicinal, aromatic and herbal plants. The seed bank, in the present year, contains a total of 46 crops and its 64 varieties of millets, cereals, pulses, vegetables, spices, flowers etc. from remote villages of the Kumaon and Garhwal region.

INHERE's work on conserving the Himalayan bio-diversity is being acknowledged and appreciated by local administrative officials as well. A visit to the Seed Bank at village Chinoni was made by the Sub- District Magistrate and team from regional block office, Dwarahat, dist. Almora.



A visit by students from Government Girls Inter College, Chaukhutia was made to Seed Centre Chinoni to know more on the Himalayan biodiversity, impact of climate change on mountain agriculture along with local innovative technologies and solutions and scope for value addition.

With INHERE's continued efforts to strengthen Institutions, INHERE senior staff members presented working agro-based livelihood models to senior officials from National Rural Livelihood Mission (NRLM), Uttarakhand State Livelihood Mission (UKSRLM) and district level officers on 'Livelihood Alternatives and Technology Innovations' for the hilly regions of Uttarakhand. The workshop was organized from 1st-2nd June, 23 by Ministry of Rural Development in collaboration with the National Mission on Himalayan Studies (NMHS), MOEF&CC, Govt. of India.

INHERE in collaboration with the CGIAR (Consultative Group on International Agricultural Research) Gender Platform and International Rice Research Institute (IRRI, New Delhi), started a research project on 'Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems'. A series of meetings were conducted with members of CGIAR Gender Platform at IRRI office, New Delhi to develop the methodology and understanding on gender equality in agri-food systems.

The Himalayan medicinal, aromatic and herbal plant varieties holds a huge potential for value addition, commercialization and utilization. The non- food MAP crops have nutritive and health benefits, are easier to cultivate and less prone to wildlife attacks. The project on conservation and value addition of non- food bioresources through cultivation and value addition aims to work with farming communities on promoting MAP crops. The project started in April 2022 and have successfully completed one year of implementation.



INHERE is actively taking initiatives for networking and joint collaboration with partner organisations to explore newer areas of intervention and grassroot implementation. A meeting with members from Indo-Global Social Service Society (IGSSS), SRUTI (Society for Rural Urban & Tribal Initiative) and ASTHA based in New Delhi was done by the INHERE staff.

INHERE staff participated at a 2 day International Conference on Sustainable Geo-Tourism at GBPNIHE, Kosi Katarmal, dist. Almora organized by MOEFCC, Govt. of India and University of Delhi on 2nd -3rd December, 22.

INHERE staff member further participated and presented a research paper at the International Conference on Sudurpaschim Studies organized by Far- West University, Bhimdatta, dist. Kanchanpur, Nepal. The 2 day event on 12-13th December, 23 was jointly organized by Far-West University, University of Oxford and Britain- Nepal Academic Council to acknowledge and promote scientific research in the Central Himalayan region of Uttarakhand and Far-West Nepal. Further, meeting was done with Vice-Chancellor, Professors and administrative officials of Far-West University, Bhimdatta, Tribhuvan University, Kathmandu and officials from Himalayan University Consortium- ICIMOD, Nepal for transboundary



collaboration and partnership.

In the field of agriculture, INHERE staff shared his experience of promoting medicinal, aromatic and herbal crops in the mountain regions of Uttarakhand at the CSIR- CIMAP Kisan Mela, Pantnagar. He further addressed farmers from different districts of Uttarakhand and shared challenges and opportunities in cultivation and value addition of MAP crops.

Furthermore, INHERE has been shortlisted and is in the final rounds of TISS Alums Association Regional Partnership Program for the North Indian region. This will be beneficial to further strengthen institutional collaborations and research in the social development sector in the Himalaya.

At the regional level, INHERE staff conducted sessions on gender and career opportunities for adolescent girls in the local schools.

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.

The developmental work around training resource centre at the Rathkhet campus is currently under progress to provide support and trainings to farmers on medicinal and aromatic plants cultivation.

INHERE staff as well as community members participated in learning and sharing activities as always to increase the local knowledge capital.



4. Programmes and Projects

4.1 Biodiversity Conservation

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 field staff monitors the quality and standardisation of procured seeds during procurement and further maintains a check on the financial transactions. Records and stock keeping is further maintained of the procured and dispatched seeds along with its database at the seed bank.

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.

This year, 12 varieties of medicinal, herbal and aromatic crop seeds were collected from project villages. In total, 46 crops and their 64 varieties have been collected from mountain farmers and have been displayed at the Seed Bank. The seed bank has prepared Memorandum of Understanding (MOU) with the local farmers to ensure financial security at the time of post- harvest.

Serial No	Type of Seed	Total varieties made available to farmers	Type of crops
1	Millets	8	Ragi (Red), Ragi (Black), Barnyard Millet, Amaranth (Red), Amaranth (White), Hog Millet, Foxtail Millet (Black) and Foxtail Millet (Brown)
2	Cereals	5	Wheat, Barley, Bajraun, Paddy (Basmati) and Red Rice.
3	Pulses	11	Black Soya (Flat), Black Soya (Round), Yellow Soyabean, Horsegram (Black), Horsegram (Brown), Masoor, Rajma (White), Rajma (Red), Rajma (Chitkabra),

			Rajma (Brown) and Tor.
4	Vegetables	18	Bottlegourd (Long), Bottlegourd (Round), Pumpkin (Long), Pumpkin (Round), Turai, Chichinda, Cucumber, Bittergourd (Sweet), Bittergourd (Small), Capsicum, Brinjal (Long), Brinjal (Round), Spinach, Bakula, Okra, Frasebean, Radish (Round) and Radish (Long).
5	Spices	6	Rye, Fenugreek, Chilli (Red), Chilli (Yellow), Coriander and Jakhia.
6	Oilseeds	4	Flaxseeds, Sesame (Brown), Sesame (Black) and Mustard.
7	Medicinal Plant Seeds	12	Palmarosa, Reetha (Soapnut), Harad (Haritaki), Shatawari (Asparagus Racemosus), Chamomile, Tulsi, Amla (Indian Gooseberry), Gokaru (Devil's weed), Marigold, Kaunch, Hemp seed and Bhangjeera (Perilla frutescens)
	Total	64 varieties	46 crops

4.2 Conservation and Utilisation of non- food bioresources through cultivation and value addition

The project on Conservation and Utilisation of non- food bioresources 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 such as Centre for Aromatic Plants, Silaqui, Dehradun and Central Institute of Medicinal and Aromatic Plants, Pantnagar, Uttarakhand to seek technical



guidance and information from senior scientists engaged in

A seed bank has also been developed at the Chinoni Resource Centre for collection and propagation of MAP seeds. A total of 11 varieties of medicinal, aromatic and herbal crop seeds have been collected, graded and stored for display and future propagation. Seeds of Palmarosa, Reetha (Soapnut), Harad (Haritaki), Shatawari (Asparagus



Racemosus), Chamomile, Tulsi, Amla (Indian Gooseberry), Gokaru (Devil's weed), Marigold, Kaunch, Hemp seed and Bhangjeera (Perilla frutescens) have been collected. INHERE has further developed Rose nurseries in 3 villages to make available quality planting material to interested farmers. INHERE staff has been actively working to assist farmers with documents preparation for certification to trade in MAP crops.

Market search, design development and procurement of tools, machines and equipment have been done by INHERE team to strengthen and support farmers for improved cultivation and value addition. Market search and procurement of Chaff Cutter Machine has been done for facilitating the post- harvest practices of Lemongrass crop during Essential Oil extraction. INHERE team members closely worked with manufacturing companies based in New Delhi to design develop and procure essential oil extraction machine. Test trials of crops such as Lemongrass, Tulsi, Ginger etc. have been successfully done to extract hydrosol and essential oil at Rathkhet Resource Centre. Furthermore, a 2 litre capacity glass distillation unit has been especially developed and installed at Chinoni Resource Centre. Market search and procurement of a Cold press Oil machine has been done for successful test trial of extracting Hemp and Bhangjeera Oil.

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. A meeting with the team of Essential Oil Association of India has also been done to explore the direct sale of essential oils. Subscription of the 'Indian Perfumer' quarterly magazine has been taken to be updated on prices of essential oils in the national and international market.

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

Contacts and meetings:

129 village-level meetings were held in 51 villages (gross total) across 2 districts of Almora and Chamoli in Uttarakhand. A total of 806 farmers participated in the meetings that included 521 men and 285 women. The meetings focused on rapport building, orientation of community members, selection and sowing of suitable and commercially viable MAP crops along with monitoring and registration of farmers for sale of medicinal and aromatic crops. Guidance was given on nursery raising, cultivation, soil preparation, use of on-farm inputs for nutrition, harvesting and storage respectively.

Meetings were also conducted with local civil administration authorities, elected representatives and state-level institutions for rapport-building and information sharing on the project. During the reporting period, a total of 15 villages out of 20 villages and 150 farmers out of 200 farmers have been finalised for the promotion and cultivation of medicinal, aromatic and herbal crop varieties. 5 crops have been promoted at the project villages namely Marigold, Tulsi (Basil), Lemongrass, Palmarosa, and Damask Rose respectively. Apart from this 1235 medicinal plants have been planted at the project villages.

Trainings and Workshops:

6 trainings were organised with 90 participants comprising 26 women and 64 men at Chinoni training centre. The farmers were oriented on opportunities in cultivation of medicinal, aromatic and herbal crops. The workshop also focused on the selection of potential farmers and villages suitable for the cultivation of high-altitude medicinal plants. INHERE staff provided detailed information on nursery raising, herb cultivation, harvesting, post harvesting and crop storage measures. The farmers further demonstrated improved agricultural equipment like sprinklers, hand sprayers, garden tillers etc.



2 village level trainings were organized for farmers on cultivation of medicinal and aromatic plant (MAP) varieties such as Lemongrass, Tulsi (Basil) and Marigold. The farmers were trained on bed preparation, seed sowing techniques and aftercare of cultivated crops at the newly created learning space, Ratkhet, and other respective villages.

2 trainings were organized for INHERE staff members on development of handmade herbal incense sticks (dhoop). The natural waste material of herbal and aromatic crops after extraction of essential oil will be utilized for development of similar products.

A total of 5 workshops were organised with a total of 56 participants comprising 19 women and 37 men in the project villages. INHERE staff members and farmers discussed issues related to crop cultivation, pit compost construction procedure along with commercial cultivation and extension of other MAP crops.

List of trainings and workshops:

Sr no.	Date	Place	Resource Person	Subject	Total Participants	Male	Female
1	3-4-22	Dwarahat	C.P. Joshi	Training on herbal incense sticks (<i>dhoop batti</i>) making for staff members	2	1	1
2	24-5-22	Ratkhet	Mohan Sharma and Jagdish Sharma	Training of selected farmers on development of Basil nursery	24	18	6
3	26-5-22	Dwarahat	Hansi Bisht	Follow up training on herbal incense sticks making for staff member	1	0	1
4	3-6-22	Paili and Gadtoiya	Geeta Bisht	Training of selected farmers on development of Marigold nursery	22	13	9
5	27-7-22	INHERE, Chinoni	Ramanand Agarwal	Training of selected farmers on Lemongrass cultivation	19	14	5
6	7-11-22	INHERE Chinoni	Bhuwan Sharma	Training on development of rose nursery	12	11	1
7	14-11-22	Ratkhet learning space	Mohan Sharma	Training on lemongrass processing	14	9	5
8	10-12-22	Chinoni training center	Harish Nath	Training on the development of Chamomile nursery	26	13	13
		Total:			120	79	41

Educational visits:

Educational Visits to research Institutions, progressive farmers and enterprise units were conducted to gain knowledge and insights from cultivation to business development. A total 216 farmers participated in the educational visits that included 159 men and 57 women. A 4-day educational visit was organized for INHERE staff members at Council of Scientific & Industrial Research- Central Institute of Medicinal and Aromatic Plants (CSIR- CIMAP), Lalkuan, dist. Udham Singh Nagar, Centre for Aromatic Plants (CAP)- Silaqui, Dehradun, and State Medicinal Plant Board (SMPB), Dehradun on information collection and availability of medicinal, herbal and aromatic crops for the hill regions. Discussions were done with senior scientists and private seed suppliers on

planting material, preferable commercial MAP varieties for hill region, present market rate and avenues for marketing. Market search and purchase of literature was done for development of Ayurvedic products from Haridwar as it is a hub for medical, aromatic and herbal products manufacturing units and literature. A visit to Forest dept. (Uttarakhand state government) nursery at Kalika, Ranikhet, dist. Almora was done by senior staff members for availability of planting material and rates. Visit to local fruit nursery and MAP cultivation site was organized for farmers for knowledge and information sharing.

Farmers educational visit to CSIR- CIMAP (Central Institute of Medicinal and Aromatic Plants) Research Centre at Garur, Bageshwar was done for information on cultivation practices, processing and value-addition techniques of medicinal and aromatic plants. Farmers also visited the medicinal and aromatic plants processing unit of a progressive cultivator and trader, at village Charaso, Garur, district Bageshwar in Uttarakhand. A total of 16 farmers, comprising 6 women and 10 men, respectively from 6 villages participated in the educational visit.

List of educational visits:

Sr. No.	Date	Place	Subject	Participants		
				Total	Male	Female
1	12-04-2022	CAP- Silaqui, CSIR-CIMAP And SMPB, Dehradun	Staff educational visit to CSIR- CIMAP, Lalkuan,	5	3	2
2	1-06-2022	Forest Dept. (Uttarakhand Government) Nursery, Kalika, Ranikhet, dist. Almora	Educational Visit to Medicinal Plant Nursery at Kalika, Ranikhet for availability of planting material and rates	2	2	0
3	14-07-2022	Dronanchal Nursery, Bairti, Dwarahat dist. Almora	Educational visit of farmers to Dronanchal Nursery at Bairti, Dwarahat for training and information on medicinal and aromatic plants cultivation	24	20	4
4	23-07-22	Shyam Herbal Products, Deghat, dist. Almora	Educational visit of farmers to Shyam Herbal Products, Deghat for information on Lemongrass cultivation.	20	15	5
5	25-08-2022	Haridwar	Educational visit to Asia Organic & Wellness Tourism Expo with progressive farmer.	3	3	0
6	03-10-2022	CIMAP research centre, Garur and Him Naturals, Charson, Baijnath, dist.	Educational visit and interaction with technical agricultural officers on MAP cultivation,	16	10	6

		Bageshwar	processing and value addition.			
7	14-10-2022	Kashipur, dist. Udham Singh Nagar and Ramnagar dist. Nainital	Educational visit of staff members with progressive farmers and MAP sellers.	4	4	0
8	7-11-2022	CIMAP research centre, Garur and Him Naturals, Charson, Baijnath, dist. Bageshwar	Educational visit and interaction with technical agricultural officers on the development of Rose nursery	7	6	1
9	18-12-2022	Farm House Takula, Basoli, dist. Almora	Educational visit of rose farmers to learn about rose cultivation	30	13	17
10	05-01-2023	Ramgarh, dist. Nainital	Educational visit of Chamomile farmers to learn about Chamomile cultivation, value addition and marketing	16	5	11
11	20-01-2023	Ramnagar, dist. Nainital	Educational visits of Lemongrass farmers to learn about the process of lemongrass oil extraction and its marketing	18	18	0
12	21-01-2023	Bageshwar/Kapkot	Education visit of farmers to learn about Dhoop making and marketing	16	6	10
13	28-01-2023	TERI, Mukteshwar, dist. Nainital	Educational visit of MAP farmers to learn about MAP crop cultivation and value addition	29	29	0
14	07-02-2023	CIMAP Pant Nagar, dist. Udham Singh Nagar	Educational visit of MAP farmers to get information on cultivation of medicinal and aromatic plants, its value addition and marketing.	26	25	1
		Total		216	159	57

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 other support activities undertaken in the reporting period:

- Identification and area selection of learning spaces Ratkhet and Chinoni for seed development, cultivation and value addition. Patal Gaon has been as cultivation cum demonstration centre.
- Setup of MAP seed bank unit at Chinoni learning space in progress.
- Communication and meeting with resource person for development of value added Ayurvedic products.
- Communication with CIMAP- Lalkuan and CAP- Dehradun for mobilisation of resource person for farmer trainings.
- Visit to Essential Oil Association of India, Noida, Uttar Pradesh office for information collection and discussion on marketing opportunities of essential oils.
- Communication and liaisoning with the District Magistrate (Almora), Member of Parliament, Member of the Legislative Assembly, Heads of Panchayati Raj Institutions and Senior officials of G.B. Pant National Institute of Himalayan Environment, Almora for rapport building and information sharing about the project.
- Communication and procurement of planting material (Chamomile and Damask Rose) from CSIR- CIMAP Garur Research Centre for plantation.
- Communication and meeting with Sub-Revenue Inspector (Patwari) for land ownership data and registration of MAP farmers.
- Meeting with board members on project progress review and further implementation.
- Orientation of staff members and data collection of farmers for registration under medicinal and aromatic crop cultivation.



- Visit and participation by 2 International and national volunteers in agriculture and landscaping activities at Ratkhet learning space.
- Design development of 5 information display boards by volunteer for the Seed Bank.
- Community engagement, project orientation meetings and information collection in villages.
- Weekly review meeting with senior staff on project planning, strategizing and implementation.
- Regular monitoring of promoted MAP plants in the project villages by INHERE staff members.
- 3 rose nurseries having 5800 rose cuttings, developed at 3 project villages. Two rose nurseries have been developed at Chinoni and Ratkhet learning space. 2700 rose cuttings have been planted in Chinoni learning space and 1500 at Ratkhet learning space.
- Plantation of Lemongrass slips by farmers in the project villages.
Plantation of *Harad* (Haritaki), *Kagzi Neebu* (Lime), *Bael* (Stone apple), *Tejpatta* (Bay leaf) and *Dadim* (Pomegranate) at the project villages.
- A total of 10 variety of MAP seeds have been collected at the Seed Bank in Chinoni. 500gm *Palmarosa*, 31.5kg, *Reetha* (Soapnut), 30kg *Harad* (Haritaki), 1.6kg *Asparagus Shatawari* (Racemosus), 950g *Amla* (Indian Gooseberry), 1kg *Gokaru* (Devil's weed), 20kg *Flax seed*, 5kg *Hemp seed*, 500gm *Bhangjeera* (*Perilla frutescens*) and 12kg *Rhododendron* have been collected.
- Online market search for packaging material for potential products (i) Incense Cones (Dhoop Batti) and (ii) Hydrosol.
- Online market search and purchase of Moisture bags, Grinder and Mixer, Poly Carbonate Sheets, Chaff cutter, Cold Press machine and Power Weeder for harvesting of crops and product development.
Market search and procurement of Pulveriser machine for value added product development and trials.
- Communication with Hemp Oil manufacturers for marketing and linkages.
- Market search and development of small steam distillation unit of 2 litre capacity.
- Test trial of *Stevia*, *Tulsi* (Basil) and Ginger at Ratkhet learning space for hydrosol extraction.
- Test trial and extraction of essential oil from Hemp and Flax Seeds through Cold Press method.
- Harvesting, processing, steam distillation of Marigold (*Van Phool*) and Lemongrass at Ratkhet learning space for essential oil extraction
- Preparation of MAP crop chart containing botanical name, commercial varieties, cultivation and harvesting season, essential oil production per Nali, Percentage and market rate.
- Information collection on: purchase of planting material, product development, technical input, marketing support, training programs and list of master trainers.
- Information collection on list of growers, traders, manufacturers and traders in Uttarakhand by State Medicinal Plant Board, Dehradun.
- Preparation and finalisation of a short audio-visual film on Liquid Manure preparation and sharing on social media channels.
- Content finalisation and preparation of 18 display boards for nursery beds at the learning space.
- Content finalisation and designing of 4 display boards and 1 marketing standee on MAP crops by volunteer for Chinoni learning space.
- Preparation and finalisation of Survey Report.
- Preparation of a list of Wellness and beauty products companies at the state/national level for marketing of upcoming MAPs value-added products.
- Preparation of a consolidated list of MAPs buyers at the regional/state/national level.
- Preparation of a comparative list of potential brands and prices for product development.

Documentation:

A survey report is currently under progress documenting the 32 different varieties of medicinal, aromatic and herbal crops in the Himalayan region. The report also documents its botanical names, parts used and health benefits respectively. Further, 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.



In January 2023, a meeting was held at the IRRI office in New Delhi to develop the methodology for conducting Foresight Analysis on Gender Equality in agriculture and food systems. The objectives were to pilot the methodology at diverse venues, fine-tune it, and document the process and outcomes.

Three workshops were planned for 3 different states but was later revised to 3 workshops in 2 states within different agri-food systems. The first workshop was conducted in Uttarakhand focusing on gender in the mountain regions with a similar gender group comprising women stakeholders. Subsequently, two workshops have been planned in Odisha, one with a similar gender group comprising women and another with a mixed gender group, addressing gender in the local agri-food system.

Prior to the workshops, one orientation meeting was held in Bhubaneswar Odisha in February to train planners and resource persons. The participants were provided with a comprehensive explanation of the Foresight methodology, highlighting its significance in the context of grassroots Foresight. The discussion emphasized the vital role and responsibility of facilitators in effectively conducting the grassroots Foresight Workshop,



underscoring its critical contribution to the entire process.

In March 2023, one participatory Foresight workshop was conducted by INHERE at Chinoni office with diverse stakeholders. The workshop aimed to analyse gender in agriculture and food systems, empower participants to plan for the future through Foresight Analysis with the aim of addressing challenges faced by women.

The workshops in Uttarakhand 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.

List of influential forces classified by women participants:

Social	Technical	Economic	Environmental	Political
Lack of cooperation between men and women	Lack of access to technical knowledge and institution	Dependence on men for access to market	Lack of proper animal husbandry system affects women's workload	Low access to government policies
Overburden of women due to domestic and agricultural work	Lack of access to agricultural tool and machinery	Lack of movement of women (for promotion of products)	Adverse environmental problems and related areas impact on women's workload	Lack of access to education, land and constitutional rights
Lack of knowledge on agriculture	Women not having access to technical training and workshops	Lack of knowledge of value addition & not getting the right price	More workload for women in collecting Feed-fodder and fuel wood	Lack of facility for storage and transport of produce for women entrepreneurs
Lack of higher and quality education among women		Lack of bargaining power		Lack of communication facility for business (effective network system)
Lack of a supportive ecosystem		Lack of economic empowerment among women		
Male dominated society		Difficulty in availability of loan for women (for self-employment)		
Conservative thinking		No access to market (Mandi)		
Out- migration of men (Leads to excess workload of women)		Lack of encouragement to women micro-entrepreneurs		

4.4 Enabling livelihoods and improved nutrition through micro solar hatchery enterprises for women empowerment and improved nutrition in villages of district Almora, Uttarakhand

INHERE has been working on creating livelihood opportunities for hill farmers through establishment of micro- solar hatchery enterprises. The project has been supported by the International Federation for Home Economics (IFHE)- US Development Fund Grant 2020 for a period of 2 years.

The project focused on strengthening the present household poultry rearing among the poor, small landholding mountain farmer community by developing skills for business opportunities. It enabled them to operate and run a small solar hatchery of 200 eggs to serve the immediate need of chicks supply to farmers for courtyard poultry rearing in the region

A second visit was made in April 2022 by the manufacturers of Powertek company to upgrade the machine to local requirement of the hill regions.

New 200 capacity Poultry Hatchery Incubators were ordered after successful trials of the previously purchased units. Meetings and workshops were organised on poultry farming promotion and as a food supplement programme.

Below mentioned topics were covered during the training of 10 farmers from 4 villages.

- Challenges and solutions in Poultry rearing in the hill region.
- Minimum infrastructural requirements for rearing Poultry chicks in brooder.
- Dietary requirements for 100 chicks.
- Common diseases in Poultry chicks, symptoms and remedies.
- Vaccination and health benefits.
- Cost Economics for rearing 100 Poultry chicks.
- Local suppliers of vaccinated Poultry chicks in the hill regions.
- Opportunities in Poultry rearing and Hatchery business.
- Benefits of 200 chick capacity Poultry rearing Incubators.
- Technical specifications, operation and practical demonstration.



Further, in order to solve problems of entrepreneurs during implementation, follow up was done with manufacturers over call for handholding and problem redressal. Visit to field sites was made by INHERE staff members for monitoring and problem redressal. Simultaneously, follow up with Poultry rearers over phone and through digital communication channels was done as well.

The project now stands completed and reports have been duly submitted to International Federation of Home Economics, USA.

4.5 Total Achievements of INHERE in the past 40 years

TOTAL ACHIEVEMENTS OF INHERE UPTO 31 MARCH, 2022	
Subject	No./ Units
DRINKING WATER	
No. of schemes undertaken for provision of drinking water in 300 villages (7500 families)	3800
No. of Hand pumps installed in 44 villages.	63
No. of Gravity schemes in 37 villages.	37
No. of Roof Rainwater harvesting tanks in 108 villages.	3260
No. of Ground Rainwater Harvesting tanks in 4 villages as demo units.	05
No. of Traditional Spring water harvesting structures renovated in 107 villages.	432
No. of Micro lifts for drinking water as demonstration units.	03
AGRICULTURE	
No. of villages selected for experimentation and documentation of Adapting Agriculture to Climate Change.	22
No. of Villages certified for Organic Agriculture covering 3528 Farmer and 4360.18-acre land.	120
Quantity of good quality seed of food grain, vegetables and crops 16075 qt. made available to 304 villages.	16075
Quintal of Organic seed production in 6-acre land.	32 qtl.
No of workshop organized on agriculture and value additions.	179
Quintal of Quality grass made available 65 Villages.	7258
No. of Rainwater harvesting tanks for minor irrigation constructed in 85 villages (LDPE).	506
Availability of vegetables seed in 20 villages benefiting 1015 HH.	115.12 kg
Availability of 7 variety cereals seed in 20 village benefiting 1240 HH.	2434 kg
Availability of 5 variety cereals seed in 20 village benefiting 786 HH.	765 kg
Total area covered in availability of improved and quality seeds.	2171.75 Nali
No. of Minor irrigation units provided in 4 villages.	04
No. of Bio gas structures made in 18 villages as demonstration units.	34
No. of Vermin compost unit made in 228 villages for demonstration and experimentation.	2300
No. of agri demonstration at village level.	101
Area of new sowing techniques with 120 HH.	44.5 Nali
Quantity of micronutrients, bio fungicide and others essential nutrients with 1307 HH for 1567.5 Nali area.	155 kg

No. of B.D. Heap made in 72 villages.	778
No. of C.P.P. made in 53 village.	239
No. of Organic Liquid Manure & Pesticides made in 17 village.	19
Quantity of liquid manure prepared with 506 HH for 525 Nali area.	1050 liters
No. of Compost boxes of 10'×8'×3 size made in 180 villages.	552
No. of Pirol Composting of 1.5 ×1×0.45 Mtr. size made in 32 Villages.	786
Area of Land Leveling in 19 village.	833.99 Nali
Area of Terrace Repair in 65 villages.	15526 cum
No. of Farmers Groups of 12 persons each organized in 25 villages for off season vegetable production.	25
No. of Poly house made in 45 villages.	86
Installation of Mangal Turbine.	01
No. of Minor irrigation channel/Tank 30.59 km.	28

AGRICULTURE IMPLEMENTS	
No. of Power Tillers/tractors operational in the valley for cultivating 125-acre land.	07
No. of Threshers operational in 125-acre area for 750 quintals of grain threshing.	07
No. of Small farming implements availed by farmers.	5000
No. of Chaff cutters availed by farmers.	437
Krishi Suvidha Kendra.	01
Demonstration of Small agro Tools, Equipment and Farm based machinery.	647
ANIMAL HUSBANDRY	
No. of traditional cowsheds improved for cross ventilation and flooring in 41 villages.	234
No. of improved cowsheds constructed in 97 villages.	1354
No. of Animal health Camp Organized in 72 villages.	156
No. of Natural insemination of cows with crossbred Jersey bulls.	1758
No. of good quality crossbred cows made available to 14 villagers at cost.	34
No. of veterinary center made available for 62 villages.	07
No. of Natural Breeding Centers.	12
No. of village selected for enhancing milk production and market linkages.	12
AFFORESTATION	
No. of saplings of fodder, fire, timber species planted in private and common wastelands in 149 villages covering an area of 4185 acres.	2414874
HORTICULTURE	
No. of fruit plants (mango, amla, plum, apricot, orange etc.) planted in 211 villages covering	181490

3858 acres of land.	
Introduction of citrus, stone fruits, tea, fodder plants and grass in 2,097.5 Nali area for 2,288 HH.	1,64,836
ENVIRONMENTAL RESTORATION	
No. of VERC/WWMC maximum up to 12 persons each organized in 78 villages for Environmental Restoration.	78
No. of Awareness Programme organized for 78 Villages.	251
No. of Wall Painting & Notice Board made in 78 villages.	575
No. of Check Dams (Wooden, Dry masonry & Crate wire) made in 121 villages.	5584
No. of Khal/Pokhar and Water recharge pit in 80 villages.	1534
Meter of Forest SCT made in 80 Villages.	209465
Meter of Silvipasture SCT made in 27 villages.	47895
Meter of Agri. Bunding Constructed in 73 villages.	77292
Meter of Grass Bunding in 70 villages.	160210
No. of live gully plugging constructed in 4 villages.	132
No. of Pine tree lopping for Fire Protection in 27 villages.	45171
Kg. of Pirol (Pine needle) collection for fire protection in 45 villages.	735600
Meter of fire line created in 97 villages for fire protection.	304761
No. of sample of soil testing in 78 villages.	114 H.H.
No. of Pine Briquette machines in 10 villages.	49
No. of Pine Briquette stove in 10 villages.	1350
HEALTH	
Preventive Healthcare	
No. of villages where Health interventions made.	650
No. of Health education activities with 9298 students.	32
No. of trainings on hygiene and sanitation conducted with 6658 participants from 5 blocks.	241
No. of Health care Awareness meetings conducted with 5798 participants.	268
No. of Sanitary latrines promoted in 104 villages.	1097
No. of Garbage disposal pits promoted in 5 blocks.	730
No. of Soak pits constructed in 48 villages.	303
No. of smokeless chulahs promoted in 39 villages.	298
Preventive Healthcare	
Establishment of Hospital with modern equipment and Ambulance.	01
Establishment of one Ayurvedic Pharmacy with equipment and machines.	01
No. of Healthcare centers based on traditional herbal medicine knowledge established.	15

No. of Curative health camps held in 112 village.	328
No. of mobile Health camps with Ambulance held in 81 places.	933
No. of patients treated at the health Centers, mobile health service and Camps.	121236
COVID – 19 RESPONSES	
Small medical equipment, immunity boosters and supplements made available:	
No of villages benefited.	38
No of beneficiaries.	9000
No of households benefited.	1931
No of N-95 Mask made available.	9000
No of Sanitizer made available.	813
No of Multi-Vitamins & Anti-fever drugs made available.	10050
No of Immunity Supplement.	800
IDENTIFICATION OF HERBAL PLANTS	
No. of Local Herbs identified and preserved in herbarium sheets.	40
CULTIVATION OF MEDICINAL PLANTS	
No. of Nurseries of 4 acres each established for medicinal plants.	20
No. of herbal species cultivated by 35 farmers in 24 villages.	24
No. of farmers registered for herbal cultivation covering 0.2516 nali land.	188
No. of villages for herbal cultivation covering 127 acres land. For 97 families.	5
No. of sapling of medicinal plants planted in 6 villages.	56200
PRODUCTION OF HERBAL MEDICINE AND HEALTHY FOOD	
Annual production of churan, oil, medicines (in kg.) for treatment.	1749.5
INCOME GENERATING UNITS	
Establishment of organic food grain collection, grading & processing unit of 100 Qt. capacity.	01
No. of interventions in 126 villages.	1650
Establishment of central fruit processing unit with modern equipment.	01
No. of household poultry units established/promoted.	1750
No. Fishery units established.	03
No. of dairy units established.	03
No. of shops established.	24
No. of Goat rearing units promoted in enclosures.	96

Quantity of Organic Food and produce for Grading and storage.	13721.5
No. of Mushroom production units made in 27 villages.	180
No. of beekeeping units promoted in 64 villages.	209
No. of wall hives improvement.	31
No. of Candle making units in 18 villages.	22
No. of black smithy promoted.	20
No. of tent house established.	08
No. of tailoring unit established.	09
No. of carpentry unit established.	06
WOMEN AND FARMER EMPOWERMENT	
No. of women self-help groups formed.	548
No. of villages with SHGs in 8 blocks.	317
The total saving of SHGs (in Rs.).	8648617
Inter-loaning of SHGs (in Rs.).	9444204
No. of trainings organized with 18283 women participants in 8 blocks.	1901
No. of meetings with SHGs.	20000
No. of awareness and training programmes organized for capacity building of 1114 farmers.	49
EDUCATION	
No. of Non-formal education centers.	38
No. of children benefited through NFE centers.	1100
No. of regular primary schools supported.	06
No. of workshops on joyful education methodology conducted.	18
No. of workshops on developing child centered and joyful teaching-learning material conducted.	15
No. of trainings and follow up trainings provided to 188 NFE, Balwadi and Primary School teachers at Uttaranchal level.	30
No. of meetings/consultations held with parents, teachers, Panchayat representatives in 5 districts.	82
Teaching aids in the form of pictorial cards, charts, posters, stories, poems, songs, slogans, shapes of alphabets and numbers developed.	25
No. of books on children in Hindi, two audio cassettes of educational songs and one video cassette on education and environment have been developed.	04
No. of Mathematics Exhibition Organized in 5 centers.	05
No. of Children Multi Activity Events Organized 10 centers.	13
EXPOSURE, AWARENESS AREA-GET-TOGETHER & EXHIBITION	

PROGRAMME	
No. of Exposure Programme on Agriculture organized for 579 Person.	35
No. of Exposure programme on Environmental Restoration & Water Conservation organized for 795 Person.	38
No. of Exposure programme on Health System Development organized for 184 Person.	14
No. of Exposure Programme on Women Empowerment organized for 820 Person.	36
No. of Awareness Programme on Diversify Agriculture organized for 1200 Person.	17
No. of Awareness programme of Environmental Restoration & Water Conservation organized for 26328 Person.	206
No. of Awareness programme on Health System Development organized for 2470 Person.	19
No. of Awareness Programme on Women Empowerment organized for 8500 Person.	43
No. of Area get-together/Exhibition Programme on Environmental Restoration & Water Conservation organized for 1045 Person.	05
No. of Awareness Programme on Education organized for 800 Person.	04
No. of Area get-together/Exhibition Programme on Diversify Agriculture organized for 18754 Person.	07
No. of Area get-together/Exhibition Programme on Health organized for 811 Person.	11
No. of Area get-together/Exhibition Programme on Women Empowerment organized for 7300 Person.	31
No of workshop organized on agriculture and value additions.	179
SKILL AND TECHNICAL TRAININGS	
No. of trainings organized for 1203 participants from 42 villages on community-based drinking water schemes and their management.	93
No. of trainings on basics of horticulture & Food Processing.	20
No. of trainings on organic farming for 1373 participants.	16
No. of trainings on incense stick making.	08
No. of trainings on chalk making.	02
No. of trainings on obtaining rambans fibers.	01
No. of trainings on pickle making/Juice.	26
No. of trainings on stitching and knitting.	12
No. of training on candle making.	06
No. of training on beekeeping.	09
No. of training on poultry rearing.	02
No. of training on bio-dynamic composting.	12
No. of training on Aipan & painting.	01
No. of training on mushroom cultivation.	04
No. of Skill building trainings on marketing and value addition.	14

No. of Field trainings on processing and packaging of fruits, cereals, millets, and pulses.	39
TECHNICAL TRAININGS	
No. of trainings on installation of hand pumps in the Himalayas.	03
No. of trainings on construction of sanitary latrines and drainage.	19
MANAGEMENT TRAININGS	
No. of trainings on Natural Resource Management especially water.	03
No. of trainings on community upkeep, management and community contribution.	23
No. of trainings organized for 1252 villagers on technical, management and skills.	167
No of trainings taken by 201 INHERE Staff.	146
LOANING	
Loans obtained from bank for income earning programmes.	Rs. 815000/-
Support by INHERE 66 villagers in 41 villages for various income earning programmes.	Rs. 308280/-
RURAL ENTREPRENEURSHIP DEVELOPMENT TRAININGS	
No. of Rural Entrepreneurship training and support programmes conducted for 75 rural entrepreneurs.	03
ENDOGENOUS TOURISM ACTIVITIES	
No. of Baseline Survey Completed for 08 villages in and around Jageshwar.	08
No. of P.R.A. Completed for 10 villages in and around Jageshwar.	10
No. of P.R.A. trainings organized for 239 participants.	14
No. of Printing materials developed on Tourism.	04 types
CLIMATE CHANGE AND ADAPTATION FOR SUSTAINABLE LIVELIHOODS	
No. of International Farmer's Innovation Day were organized for 421 participants of 40 villages.	04
No. of local and other innovations were identified from 22 men and 12 women innovators. Ten innovations were developed by and taken from institutions.	44
No. of innovations were tested and validated by 806 farmers Families of 30 villages.	24
No. of farmer families of 30 project villages disseminated 10 successful innovations, 4 from 1st phase and 6 from 2nd phase of the project.	577
No. of farmer families of 39 villages working with other NGOs tried out 3 innovations of their interest.	70
No. of innovations were further improved and developed in Agri tools, intercropping, Agri equipment like millet thresher, seed drill, honey processor, cold solar dryer and essential oil extractor.	09
No. of farmers comprising of 206 women and 98 men farmers of	304

30 villages participated in the innovation development.	
No. of documents were prepared and disseminated as soft copies.	22
No. of Participants sensitized and trained on farmer innovation, farmer led research and participatory innovation development for adaptation by farmers to Climate change.	218
No. of state level NGOs were visited for sharing experiences and linking these organizations with PROLINNOVA network.	05
No. of Participation in national and international events relating to climate change issues and agriculture.	34
No. of meetings organized in 30 project villages with 1471 women and 739 men farmers.	164
No. of village and central level trainings/ workshops were organized for 168 women and 230 men farmers.	22
No. of Joint experimentation of successful innovations was done by 1024 women and 844 men farmers.	24
MOBILIZING AND SUPPORTING YOUTH IN SUSTAINABLE AGRICULTURE IN THE KUMAON AND GARHWAL HIMALAYAS OF UTTARAKHAND	
No. of meetings organized in 30 project villages with 1371 women and 640 men farmers.	137
No. of village and central level workshops were organized for 286 youth leaders.	09
No. of village and central level trainings were organized for 368 women and 379 men farmers.	26
No. of learning & exposure visits were organized for 196 women and 191 men farmers.	20
No. of villages are engaged in seed production and producing 21 varieties of seed by 32 farmers.	18
No. of farmers benefited by 717 Agri tools.	601
No. of young farmers started small scale units.	05
No. of young farmers of 18 villages were linked to poultry farming of 1434 birds with indigenous species.	75
No. of small mills were procured for 5 young farmers.	05
No. of farmers have started promoting the cultivation of medicinal and aromatic plants.	20
No. of young farmers of 22 villages have made horticulture credit cards.	125
No. of polyhouses constructed at 80 per cent subsidy by 36 farmers of 15 villages.	36
No. of power tillers accessed by 12 farmers of 12 villages at 80 percent subsidy.	12
No. of electrically operated chaffcutters bought by 9 farmers of Doonagiri area at 60 percent subsidy.	09
No. of farmers got constructed 5 poultry sheds and 4 farmers 4 goat shed with the support of MNREGA.	05
PROMOTING SMALL MILLET CULTIVATION AND CONSUMPTION IN UTTARAKHAND	
No. of exposure visits organized for practical dehusking of millets for INHERE staff at Tamil Nadu.	01
No. of established small millet processing unit at IAUS campus.	01
No. of training organized for operation and maintenance of the millet processing machines	01

for INHERE and IAUS staff.	
No. of recipe contests was organized on small millets and associated food grains for 81 participants demonstrated 37 recipes.	02
No. of IEC materials prepared for promotion of small millets.	05
No. of exposure visit cum trial runs for potential buyers.	01
No. of ToT organized for small millet recipe demonstration at INHERE Campus for 16 participants.	01
ENTREPRISE ESTABLISHMENT	
No of value-added products developed.	39
No of enterprises established in 11 villages.	22
No. of village level workshop.	140
No. of Entrepreneurs developed.	63
No. of Women Entrepreneurs.	51
No. of courtyard poultry chicks introduced to 68 HH in 13 villages.	2852
Annual income earned through poultry rearing.	Rs 2418200
No. of Integrated vegetables cultivation sites developed.	8
Average additional Income per household per season earned from vegetables cultivation sites.	Rs 38250
Area of integrated vegetables cultivation sites developed in 6 villages.	70 Nali
Average Annual Turnover Capacity of 11 enterprises units.	Rs 2,06,64,000
HATCHERY	
No. of trainings on hatchery, operation and maintenance for 10 farmers.	4
No. of hatchery units installed at four households.	4
DEMONSTRATION UNITS	
Establishment of no water toilet.	01
Medicinal & Non-Timber Forest Plants Nursery.	02
Waste water recycling system.	01
Biodegradable waste composting silos for mountain areas.	02
Biomass based agriculture dryer unit of 50 kg. capacity.	01
Culinary herb and aromatic Plant Nursery of 15,000 Plants.	01
Sanjivani Ayurvedshala.	01
Organic Agriculture Farm.	02
Organic Food Processing Unit.	02
Fisheries unit of 2000 fingerlings.	01
Poultry rearing unit of pure Indian breed of 500 birds.	01
Duck rearing unit.	01

Microbiology lab.	01
INFRASTRUCTURE	
2 Main offices and Project field offices.	
2 Training Centers with OHP, Slide Projector, Lap top, Multimedia Projector and Audio-video facility.	
1 Library of 5000 books.	
3 Workshops/Places for repair and maintenance.	
2 Guest House.	
DOCUMENTATION AND PUBLICATIONS	
Published and unpublished documentation is available of most of the work of INHERE at its documentation center.	
DOCUMENTS AND REPORT PREPARED FOR OTHER AGENCY	
Report on the two-mining village-Tari and Bhuni of district Pithoragarh.	01
Report on 'Economy of the Bhotiyas of Kumaon Himalayas with special reference to woolen goods',	01
Report on 'The Uttarakhand, Hill Region: problem and Prospects.	01
Bibliography on Uttarakhand.	01
Documentation of Youth Situation in Uttaranchal.	01
Social Responsibility Audit of ONGC.	01
Socio-Economy Study BPKF Mahakali Project.	01
Survey of 104 Gram Panchayat in Bhikiasain, Salt & Chaukhtia Block for Total Sanitary Programme.	01
To monitor and streamline NREGA convergence pilots in 03 districts of Uttarakhand.	01
Making Peoples Biodiversity Register in Medicinal Plant Conservation Area, Bastiya, Block Tanakpur, Distt. Champawat.	01
Pre planning phase in 40 villages of Rudraprayag District, Garhwal Mandal, under Phase-IV of the component 'Improving Community Health through Drinking Water and Sanitation'	01
Micro enterprise development model.	01
Spices based pest control for the mountain areas.	01
Agro biodiversity Hotspots, Mountain Communities and Food Security in a Changing World (AHFS).	01
Implementation of Grassroots Foresight.	01
VISITORS	
No. of Guest and visitors visiting INHERE campus and working area.	2210

4.6 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-

Due to non-existence of private poultry hatcheries in the hill districts of Kumaon region and the load on the sole state govt. Poultry Hatchery at Hawalbagh, district Almora, availability of chicks for rearing was affected. A total of 1000 Croiler variety chicks were purchased from Jaspur, Uttarakhand, were vaccinated at the Chinoni centre and made available to local farmers for Poultry rearing.



II. Fish and Duck rearing unit:

Regular maintenance of Fish and Duck rearing unit was undertaken. Aftercare of 4,000 fingerlings of *Grass Carp* variety of previous year was done. Demonstration was provided to interested farmers from various project villages. Total 22 kg fish was produced during the period.



III. Poly house unit:

Seedlings of Capsicum, Brinjal and Cauliflower were developed and transplanted in Polyhouses for production. A total of 400 Capsicum plants (*California Wonder*), 150 Brinjal plants (local variety), 10 kg Cauliflower (*Pusa Snowball*) and 10 kg Cabbage (*Golden Acre*) were sold locally.



80 bundle Rye (local variety) and 30 bundle Spinach (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. Preparation of Organic Pest Controllers 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 has been constructed to generate valuable on-farm manure to be used as a bio-nutrient and as a pest controller respectively for crops.

Proper rearing of 2 cows have been done. The produced manure has been used to prepare valuable compost for Organic Demonstration Plot.

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.
- Rearing of 5 cows was properly maintained.

3. Ratkhet Demonstration farm:

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

- Plantation of 50 *Harad* plants, 50 *Baheda* plants, 50 *Amla* plants, 50 *Jamun* plants, 50 *Kagji Neebu* plants and 50 *Belpatri* plants have been done. Proper composting and aftercare of the plants is being done.
- Plantation of Tulsi (Lemon variety) in 0.25 Nali, Tulsi (Shyama) in 3 Nali, Van Phool in 2 Nali, Lemongrass in 4



Nali, Stevia in 2 Nali, Rose (Noorjahan variety) in 5 Nali, Shatawari in 1 Nali and Artemesia in 1.5 Nali have been done for promotion of medicinal and aromatic crops.

- Repairing of 30 metre wall was done for fencing.
- Development of tin shed was done for Essential Oil Steam Distillation unit.
- A compost pit of capacity 12 ft x 6ft x 3 ft was constructed for quality manuring.
- 2 rainwater harvesting tanks of capacity 18 ft x 12 ft x 3 ft were constructed for collection of rain water.
- 2 new water pumps were installed and connected to a 70 metre pipeline.
- Digging of 1600 pits were done for plantation of various crops.
- Construction of 2 washrooms at the demonstration farm is currently under progress.
- Collection of Pirul and creation of fire lines made to prevent forest fire entering.
- 11 Poultry birds are currently being reared.

4. Bhatoli demo farm:

In Bhatoli demo farm following activities were performed:

- Plantation of 25 *Belpatri* plants have been done.
- 6 kg Kulath were cultivated and harvested.
- 200 *thavla* have been constructed for Amla, Harad and Baheda plants.
- Aftercare, mulching and Thavla making of tree plants.
- 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 2022-23

Sr no.	Detail of Workshop/ Training	Date	No. of participants	Name of Participant	Place	Organized by	Duration
1	Farmer's Forum partners meet for sharing learning and 2022 plans and workshop on family farming National plan and decentralized Renewable Energy for small and marginal farmers	7.4.22 - 9.4.22	1	Ms. Geeta Bisht	BIMTECH, Noida	Self Employed Women's Association (SEWA)	3 days
2	Educational visit at CIMAP, Lalkuan and Om Sai Herbal Solutions, Rudrapur, Centre for Aromatic Plants (CAP), Silaqui, Dehradun, State Medicinal Plant Board (SMPB), Dehradun	12.4.22 to 15.4.22	5	Mr. Chinmaya Shah, Mrs. Pooja Joshi & Mr. Mohan Sharma, Mr. Jagdish Sharma and Ms. Geeta Bisht	Pantnagar, Haridwar and Dehradun	INHERE	4 days
3	State Level Workshop on Rural Livelihood Promotion under the NMHS	1.6.22 to 2.6.22	3	Mr. Manoj Maheshwari, Mr. Chinmaya Shah and Mr. Narayan Dutt	Uttarakhand Rural Development Institute, Rudrapur	NMHS, GBPNIHED, Kosi, Almora	2 days
4	Educational visit of Staff and villagers for Medicinal plant plantation	14.7.22	23	Ms. Geeta, Jagdish Sharma and 21 farmers	Dronanchal Nursery at Bairti (Pan) Dwarahat Distt. Almora,	INHERE	1 day
5	Educational visit of villagers for Lemongrass plantation	23.7.22	20	Ms. Geeta,	Shyam Herbal Products, Station	INHERE	1 day

				and farmers of 3 villages	Bazar, Deghat Distt. Almora		
6	Workshop on Asia Organic & Wellness Tourism Expo	26.8.22 to 28.8.22	2	Mr. Chinmaya Shah and Mr. Manoj Maheshwari	Exhibition Hall, Premnagar Aashram, Haridwar	CIDF and Bharti Media and Event Pvt. Ltd.	3 days
7	Educational visit of Staff and villagers for Medicinal plant plantation	3.10.22 to 4.10.22	23	Ms. Geeta, Mr. Jagdish Sharma, Mr. Chinmaya, Mr. Bhuwan Chandra and 18 farmers	Progressive farmer, Gwaldam and CIMAP, Garur	INHERE	2 day
8	Educational visit of Staff and villagers for Medicinal plant plantation	7.11.22	6	Ms. Geeta, Mr. Mohan Sharma, Mr. Pawan Kaira, and 3 farmers	CAP village Gwaldam and CIMAP Garur	INHERE	1 day
9	Meeting with IGSSS, New Delhi Coordinator for training and capacity building programs on gender and livelihoods	2.11.22	1	Mr. Chinmaya Shah	Delhi	INHERE	1 day
10	Meeting with Assistant Professor of Ashoka University, Sonipat on Lawyers providing legal support to local communities	3.11.22	1	Mr. Chinmaya Shah	Delhi	INHERE	1 day
11	International Conference on "Sustainable Geo Tourism To Preserve Geo Heritage And Geo Diversity In The Himalayas"	2.12.22 & 3.12.22	2	Mr. Manoj Maheshwari & Mr. Anushp Rawat	Suman Nature Resort, Sunderpur, Almora, Uttarakhand	Ram Lal Anand College, University of Delhi and Nodel Officer-National	2 days

						Mission of Himalayan Studies (NMHS) MOEF&CC, Govt. of India	
12	Meeting with Programme Executive and Assistant Programme Executive of SRUTI (Society for Rural Urban and Tribal Initiative), Delhi for Training on Van Panchayats in Uttarakhand	4.11.22	1	Mr. Chinmaya Shah	Delhi	INHERE	1 day
13	World Circular Economy Forum 2022	6.12.22 8.12.22	1	Mr. Chinmaya Shah	Online (from Kigali, Rwanda)	WCEF2022 Studios, Africa	3 days
14	Meeting with Lecturer of Tribhuwan University, Kathmandu, Professor, Executive Director, Dean, Vice Chancellor of Faculty of Engineering, Programme Coordinator, Anthropologist and Mountain Education Specialist of HUC Secretariat, ICIMOD, Far-Western University, Ex-member of Parliament of Nepal Government on Collaboration and partnership	11 & 12.12.22, 17 & 18.12.22	1	Mr. Chinmaya Shah	Mahendranagar, Nepal	Sudurpaschim University, Mahendranagar, Nepal and University of Oxford.	4 days
15	International Conference on Sudurpaschim Studies	13.12.22 to 16.12.22	1	Mr. Chinmaya Shah	Mahendranagar, Nepal	Sudurpaschim University, Mahendranagar, Nepal and University of Oxford.	4 days
16	North India Regional Conference on “Working with Youth: Challenges and Opportunities in Nation Building”	15.12.22 & 16.12.22	1	Mr. Anushp Rawat	Vishwa Yuvak Kendra (VYK), New Delhi	Indo Global Social Service Society (IGSSS) Delhi and Vishwa Yuvak Kendra, Delhi	2 days
17	TISSAA Regional Partnership Program		1	Mr. Chinmaya Shah		TISS Alums Association (TISSAA)	1 day
18	Educational visit of Staff and	17.12.22	30	Ms.	Fartiyal Farm House	INHERE	1 day

	villagers for Medicinal plant plantation			Bhuwan Pandey, Mr. Jagdish Sharma, and 29 farmers	Takula, Bamauli		
19	Educational Visit of farmers of 2 villages- Paili and Gadatoiya	5.1.23 & 6.1.23	15	Ms. Geeta and 14 farmers	Ramgarh, Bhowali, Nainital	INHERE	2 days
20	Meeting With Ms. Suhasini Bali, Consultant of Sattva Consulting and Mr. Prateek Agarawal, Executive Director	11.1.23	1	Mr. Chinmaya shah	New Delhi	Ashtha	1 day
21	Presentation on “Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems”	13.1.23	4	Mrs. Sonali Bisht, Ms. Geeta, Mr. Chinmaya Shah and Mr. Santosh Samal	International Rice Research Institute (IRRI), New Delhi	International Rice Research Institute (IRRI), New Delhi	1 day
22	Participation of 3 villages farmers in Technical Training of Dhoop Making and Bageshwar Fair for marketing	21.1.23	17	Ms. Geeta and 15 farmers	Gavyamritam, (Panchgavya Store) Kapkot Bageshwar	INHERE	2 days
23	Participation of different villagers in educational visit and technical training on distillation of medicinal & aromatic plant cultivation.	20.1.23	18	Mr. Mohan and Jagdish Sharma and 16 farmers	Dhaila, Ramnagar, Nainital	INHERE	2 days
24	Training Programme for farmers to gain knowledge on cultivation and value addition of Medicinal & Aromatic plants	27 & 28.1.23	27	Mr. Pawan Kaira, Mr. Anushp Rawat and 25 farmers	The Energy and Resources Institute (TERI), Soopi, Satbanga, Nainital	INHERE	2 days
25	Participation in Farmer’s Fair 2023 and Farmer’s Skill Training	6.2.23 to 8.2.23	27	Mr. Pawan, Mr, Anushp, Ms. Geeta	CSIR-CIMAP Research Center, Pantnagar	CSIR-CIMAP Pantnagar, U.S.Nagar	3 day

				and 24 Farmers			
26	Online Meeting with Mr. Sumit Jagtap, Analyst (Strategy and Business Design-Social Impact), Deloitte, Mumbai on CSR Funding	8.2.23	1	Mr. Chinmaya Shah	Online	INHERE	1 day
27	Training on Gender equality in Society	20.2.23	35	INHERE Staff	INHERE Training Center, Chinoni	Himanchal Queer Foundation, Palampur (H.P.)	1 day
28	Telephonic conversation cum meeting with Mr. Vidur Shreshth, Senior Coordinator, Environment Sustainability Pillar on CSR fundraising	21.2.23	1	Mr. Chinmaya	Online	Hindustan Unilever Ltd. Mumbai	1 day
29	Pre workshop on Developing and piloting a methodology for conducting participatory foresight analysis on gender equality in agriculture and food systems	27.2.23 to 28.2.23	4	Mrs. Sonali Bisht, Ms. Manju Bhandari, Mr. Santosh Samal and Mr. Chinmaya Shah	Hotel Lemontree Premier, Bhubaneswar	IRRI (International Rice Research Institute)	2 days
30	Meeting on disability with Mr. Prateek Agarwal	9.3.23	3	Mr. Chinmaya Shah, Mr. Manoj Maheshwari & Mr. Anushp Rawat	Online	Astha	1 day

5.2 Training and Workshops held at Chinoni Training Centre, INHERE: 2022-23

Sr. No.	Date	Name of the Training/Meeting	No. of Training/ meeting	Participants	Days
1	12.5.22	Training on Operation and maintenance of house hold level Solar hatchery	1	10	1 day
2	28.5.22	Training on Operation and maintenance of house hold level Solar hatchery	1	5	1 day
3	27.7.22	Training on cultivation of Lemongrass and value addition	1	18	1 day
4	22.8.22	Orientation workshop of farmers	1	22	1 day
5	22.8.22	Orientation workshop of Kumaon Region farmers on cultivation of Non Food crops	1	22	1 day
6	23.8.22	Orientation workshop of Garhwal Region farmers on cultivation of Non Food crops	1	22	1 day
7	17.11.22	Training on Nursery raising of Rose	1	12	1 day
8	10.12.22	Training on Chamomile cultivation	1	22	1 day
9	3.1.22	Meeting on Farmer registration and marketing	1	25	1 day
10	11.2.23	Orientation workshop cum training for farmers on cultivation of Non Food crops (Medicinal & Aromatic Plant)	1	21	1 day
11	21.3.23 to 24.3.23	Workshop on Foresight Analysis on Gender Equality in agro food system for Uttarakhand	1	27	4 days

5.3 Training and Workshops held at Rathkhet Resource Centre, INHERE: 2022-23

Sr. No.	Date	Name of the Training/ Meeting	No. of Training/ meeting	Participants	Days
1	24.5.22	Training on nursery raising of medicinal plant Tulsi for value addition.	1	18	1 day
2	14.11.22	Educational Visit of Farmer's and entrepreneurs for demonstration of essential oil extraction.	1	9	1 day

6. VISITORS TO INHERE IN 2022-23

Sr. No.	Date	Name	Organization/Village	Purpose of visit
1	1.4.22 to 10.4.22	Mr. Amit Singh	Uttarakhand State Organic Certification Agency (USOCA)	For Organic Certification
2	7.4.22	Prof. Shekhar Pathak and Mr. Chandan Dangi	PAHAR, Nainital	For Organizational visit
3	8.4.22	Mr. Jahangir & Mr. Surjeet	Powertek Pvt. Ltd., Delhi	For Functioning and servicing of hatchery incubator.
4	9.6.22	Mansi Rajwar	Dehradun	For interview
5	10.6.22	Divya Pandey	Haldwani	For interview
6	14.6.22	Anshup Rawat and family	Delhi	For interview
7	25.8.23	Mr. Girish Pant	Mathura	For Organizational visit
8	9.2.23	45 Students	G.G.I.C. Chaukhutia	For Educational Visit
9	6.2.23 to 5.3.23	Mr. Arun Guliani	Chartered Accountant, Guliani & Company, Dariyagan, New Delhi	For Organizational audit and visit
10	17.2.23 to 22.2.23	Ms. Ishna Bisht	7 Kala Vihar, Mayur Vihar, Phase-1	For Organizational visit
11	19.2.23 to 22.2.23	Mr. Shashank & Mr. Don	Himanchal Queer Foundation, Palampur (H.P.)	For Gender Equality Training
12	26.2.23 to 31.3.23	Ms. Namita Chauhan	90-91 Vinay Nagar, Sector 4, Gwalior. Madhya Pradesh	For Volunteering

13	14.3.23 to 23.3.23	Jassica Burroughs	U.S.A.	For Volunteering
14	23.3.23 to 28.3.23	Mr. D.S. Parmar & M.S. Sajwan	Uttarakhand State Organic Certification Agency (USOCA)	For Inspection and renewal of Organic Certification
15	26.3.23 to 28.3.23	Mr. Daulat Singh Negi	Rajasthan State Organic Certification Agency (RSOCA)	For Inspection and renewal of Organic Certification

7. PARTICIPATION IN COMMITTEES 2022-23

- **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	Dr. Pooja Joshi
Lalit Deshwal	Geeta Bisht
Chinmaya Shah	Anushp Rawat
Manju Bhandari	Narayan Dutt
Bhuwan Chandra Pandey	Puran Nath
Pawan Singh Kaira	Virendra Lal Verma
Jagdish Sharma	Sonamati Yadav
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	1
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

11. INHERE DOCUMENTATION & PUBLICATIONS 2022-23

Reports

- Completion report of Enabling livelihoods and improved nutrition through micro solar hatchery enterprises for women empowerment and improved nutrition in villages of district Almora, Uttarakhand.
- 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 Executive Committee meetings.

PARTNERS 2022-23

We sincerely acknowledge our partners who supported us in our endeavours in rural development during the year 2022-23

- MISEREOR (KZE), Germany
 - International Federation for Home Economics (IFHE), Atlanta, Georgia, United States of America.
 - International Rice Research Institute (IRRI) CGIAR, Country Office New Delhi, India
-

CONSOLIDATED STATEMENT OF INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2023

EXPENDITURE	AMOUNT	INCOME	AMOUNT
<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	5,633,804.00	<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	6,738,257.50
IFHE - USA Enabling livelihoods and improved nutrition through micro solar hatchery	202,205.00	Bank Interest - For Projects	29,467.00
		Bank Interest - Fcra Main	9,697.00
FCRA Society Programme	9,943.00		
<u>NMHS - GBPNIHESD, KOSHI ALMORA</u> Development of natural resource based livelihood options & Employment For Samll Holder Mountain Farmers of Kumaon & Garhwal Himalayas	5,286.00	<u>NMHS - GBPNIHESD, KOSHI ALMORA</u> Development of natural resource based livelihood options & Employment For Samll Holder Mountain Farmers of Kumaon & Garhwal Himalayas	115,296.00
<u>IRRI - Foresight Programme</u> Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	1,321,527.00	<u>IRRI - Foresight Programme</u> Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	2,806,544.00
Honorarium/Consultancy Programme Contribution	883,348.00	Miscellaneous Income	43,392.00
Office Rent	7,310.00	Services & Administration	1,217,712.00
Telephone, Postage & Fax	200,000.00	Bank & FDR Interest	523,868.00
Travel & stay	34,130.84	Contribution From Training Centre	166,005.00
	45,558.20	Recovery of Cost From Assets	111,782.00

Documentation	22,294.00	Interest On Tds Refund	4,522.00
Audit Fee	60,000.00	Corpus Fund Interest	39,238.00
Administrative Expenses	130,526.00		
Misc. Expenses Inc. Repair	181,387.00		
Bank Charges	4,552.00		
Corpus Fund Interest - T/F	39,238.00		
Vehicle Purchased	736,847.00		
Excess Of Income Over Expenditure	2,287,824.46		

Total.....Rs.	11,805,780.50	Total.....Rs.	11,805,780.50
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CONSOLIDATED STATEMENT OF RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2023

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
<u>OPENING BALANCE - AS ON 1.4.2022</u>	15,816,625.66		
<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	6,738,257.50	<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	5,633,804.00
Bank Interest - For Projects	29,467.00	IFHE - USA	202,205.00
Bank Interest - Fcra Main	9,697.00	Enabling livelihoods and improved nutrition through micro solar hatchery	
		FCRA Society Programme	9,943.00
<u>NMHS - GBPNIHESD, KOSHI ALMORA</u> Development of natural resource based livelihood options & Employment For Samll Holder Mountain Farmers of Kumaon & Garhwal Himalayas	115,296.00	<u>NMHS - GBPNIHESD, KOSHI ALMORA</u> Development of natural resource based livelihood options & Employment For Samll Holder Mountain Farmers of Kumaon & Garhwal Himalayas	5,286.00
<u>IRRI - Foresight Programme</u> Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	2,806,544.00	<u>IRRI - Foresight Programme</u> Developing and Piloting a Methodology For Conducting Participatory For Foresight Analysis in Gender Equality in Agriculture & Food System	1,321,527.00
Miscellaneous Income Services & Administration	43,392.00	Honorarium/Consultancy Programme Contribution	883,348.00 7,310.00

	1,217,712.00		
Bank & FDR Interest	721,592.00	Office Rent	200,000.00
Contribution From Training Centre	166,005.00	Telephone, Postage & Fax	34,130.84
Recovery of Cost From Assets	111,782.00	Travel & stay	45,558.20
Interest On Tds Refund	4,522.00	Documentation	22,294.00
Corpus Fund Interest	39,238.00	Audit Fee	60,000.00
		Administrative Expenses	130,526.00
		Misc. Expenses Inc. Repair	181,387.00
		Bank Charges	4,552.00
Liabilities/Amount Payable	551,363.00	Corpus Fund Interest - T/F	39,238.00
		Vehicle Purchased	736,847.00
		<u>CLOSING BALANCE AS ON 31.03.2023</u>	8,853,537.12

Total.....Rs.	28,371,493.16	Total.....Rs.	371,493.16
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FOR GULIANI & COMPANY
FIRM REGD. No. - 000789N
Chartered Accountants

FOR INHERE

(Arun Kumar Guliani)
Partner
M. No. - 015970
UDIN No. - 23015970BGZWVU1558

(Secretary)

(Accounts Officer)

PLACE :: NEW DELHI
DATED :: 26.07.2023

13. Headwise Budget Distribution

year ended 31st March,2023

