

# Annual Report (2021-2022)



**Center for Business and Entrepreneurial Development  
(CBED)**

**195 / 1, Vasant Vihar, Dehradun- 248006**



## Letter from the Director

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*Dear Friends,*

*I would like to thank to all who have continued to support CBED during 2021-22 in its efforts to improve the livelihoods of rural areas of Uttarakhand.*

*The last year has been difficult for everyone, as COVID-19 disrupted the global economy and supply chain. We as a grassroots organization also faced several challenges over the last year. Through the support of generous supporters, we were able to carry forward with our mission.*

*We continue our last year projects and successfully completed all the activities. In Uttarkashi, we established two Growth Centers for processing and marketing activities for local farmers produce. In Tehri we trained 25 farmers for Oyster and Ganoderma mushroom production and formed a farmer cooperative of 305 households for production and marketing support. This year we worked with 852 households in 67 villages in Uttarakhand. Though there were initial delays in project deliverables, the hard work of our team we were able to accomplish timely our annual work plan.*

*Anil Tyagi  
Director*



Center for Business and Entrepreneurial Development (CBED) is a non-profit organization, actively working in the hilly districts of Uttarakhand for the past 16 years. CBED is registered under the Societies Registration Act, 1860 on December 28, 2005, by well-recognized development practitioners to promote sustainable ecology based agriculture through strengthen the self-reliant cooperatives and community-based organizations in rural Uttarakhand. CBED is also registered with 12A and 80G under Income Tax Department, Foreign Contribution Regulation Act. (FCRA), Ministry of Home Affairs. GOI, CSR-1, Niti Ayog.

CBED works for the development of the economic well-being of the deprived rural hill farmers and to strengthen civil society through the promotion of community-based organizations with a special focus to promote self-reliant cooperatives, farmer-owned and managed marketing activities. In the process of economic development, sub-sector, farm-based and off-farm activities are being promoted considering valley or plain, mid and high hill topography of the region.

## Vision and Mission

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Building a future in which individuals and communities have the knowledge, skills and capacities to exercise their right to livelihood and have the wisdom to protect and enhance their natural resources

## Our Expertise

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CBED has gained expertise in community institutionalization, collective rural farming and marketing, entrepreneurial development, natural resources development including sprig shed development, and technology dissemination in rural Uttarakhand.

## Our Strength

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- Establishing, promoting, and strengthening of Farmer's Producer Organization (FPO), Self Help Groups (SHG's), and cooperatives.
- Implementing sustainable rural agriculture models and agribusiness enterprises in rural areas.
- Imparting training and extension programs for rural youth development.



## Current Projects

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### **Agri-Business Support Organization (ABSO) under GRAMYA-II (Uttarakhand Decentralized Watershed Development Programme)**

*Supported By: Watershed Management Directorate, Uttarakhand Government*

CBED is continue working as an Agribusiness Support Organization (ABSO) under in Purola Division of the district of Uttarkashi. Objective of the project is to enhance Livelihood Opportunities through agribusiness support and Promote income-generating activities to support vulnerable groups.

This year we conducted meetings with different stakeholders of the area on socio-economic status, crop cultivation, existing agricultural pattern, and marketing systems. We also initiated the process for an effective supply chain by identifying entrepreneurs in rural hill areas. Some of the outputs for this year are:

- Formation of 210 Farmers Interest Group (FIG) and strengthening of FIG members in the project area.
- Adoption of exotic vegetables, hybrid seeds, off-season vegetables, cash crops, etc. by farmers.
- Adoption of floriculture (Lilium plantation) and Horticulture crop (Kiwi plantation).
- Establishment of Agri-Business Growth Centre (ABGC) at Purola, Uttarkashi.



### **Agri Clinics and Agri-Business Centre Scheme, MANAGE, Hyderabad.**

*Supported By: MANAGE, Hyderabad (Ministry of Agriculture and Farmer's Welfare)*

CBED is recognized as the Nodal Training Institute in Uttarakhand by the National Institute of Agricultural Extension Management (MANAGE) under the centrally sponsored “Agriclinic and Agribusiness Centre Scheme” of the Ministry of Agriculture and Farmers Welfare. CBED started the training program in December 2019.

The ACABC scheme has significantly contributed to enhancing the social and economic status of rural youth in society. Youth through agribusiness training have become more confident, more productive, and more independent in leading their personal and professional lives. Our institute has adopted ‘MANAGE TRAINING MODULE’ by engaging Resource persons from leading Management Institutes, Chartered Accountants, experts from Nationalized Banks. Apart from this, CBED has conducted effective market surveys in their respective areas and provided hands-on training on various which stays with successful Agripreneurs.

Key outputs:

- Screened 270 candidates under the ACABC Scheme.
- Successfully conducted three batches and trained 89 Agripreneurs. 15 entrepreneurs established their ventures.
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## **Sustainable livelihood enhancement through modern agricultural & horticultural practices**

*Supported By: The Hans Foundation (THF)*

### **Key Issues of the project**

climate change affects (irregular & infrequent rains, drying spring, traditional agriculture practices etc), mountain community livelihood is threatened. Limited accessibility of farmers to the government schemes and resources aiming to double the income of farmers is also another impediment, adding to their vulnerability. Thus, the project is aim to address the problem of -water scarcity through spring recharge, promote *crops needing less water*, *modern* agriculture and horticulture practices by enabling farmers to access the existing governmental schemes especially agriculture department and capacitating existing farmers federation "Cooperative".

**Project goal:** Creating sustainable and viable model of livelihood enhancement through introduction of modern agricultural & horticultural practices

**Project objectives:** To enhance the livelihood security by introduction of standard agricultural practices in traditional crops, medicinal and horticultural crops by leveraging government departmental schemes for 900 Household of 9 panchayats of block Devprayag, Tehri Garhwal.

Increase in water discharge in three drying streams through stream recharge methods. Double fold increase (Rs 1200) in income from per nali of production. Capacitating local Institution to access development schemes

**Deliverables of the project are:**

- Mobilisation and sensitizing farmers (900) and community on modern improved agricultural and Horticulture practices in 9 Gram Panchayats
- Formation and operational of 90 Farmer groups
- Supporting farmer producer cooperative to produce and brand its product.
- Organisation of capacities building trainings camps /exposures to farmers and farmer's cooperative
- Identification and spring recharge planning of 4 springs in the project area
- Identification of 4 springs recharge areas and development of spring recharge structures
- Repair/ construction of irrigation channels
- Support to 900 farmers to adopt new and modern agriculture and horticulture practice

**Farmer Producer Group Meetings:** 50 farmer producer groups are active in the project area, having 490 members (395 women and 95 men). 100 meetings of these groups had been organized. Handholding support was provided to these groups to conduct their monthly meetings regularly. Inputs on horticulture and agriculture related to sowing of kharif crops were provided in these meetings. |



**Strengthening of Cooperative:** *Aprajita swayat sahkari samiti's* "cooperative" has total 239 members and its total shared capital is around Rs 1,18,429 while Rs 15,700 was spent to purchase



turmeric (60kg) and chilli(40kg) to make powder packets for sale. Around INR 4400 turmeric and INR 5000 chilly power were sold. Boxes for packaging of spices and Tulsi tea were procured.

**Training of farmers:** During the reported period, 6 training camps were organised in

project villages. Farmers were informed about cultivation along with management of the group to sustain the activities of the farmers groups. Details of the training organised are following:



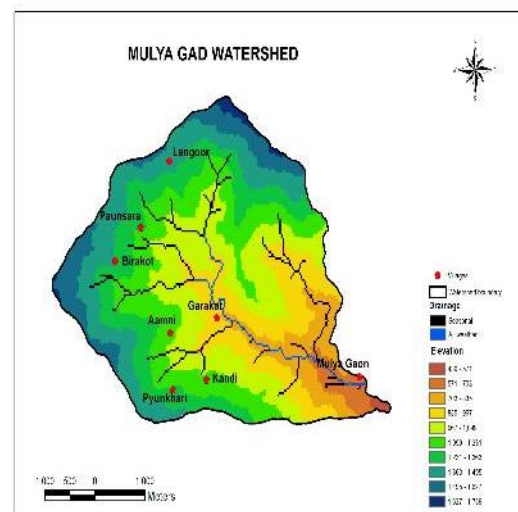
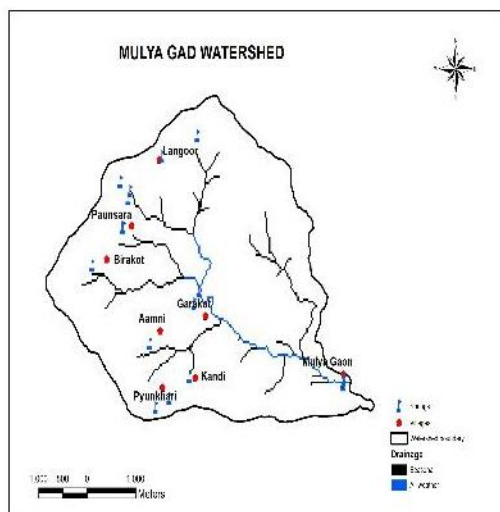
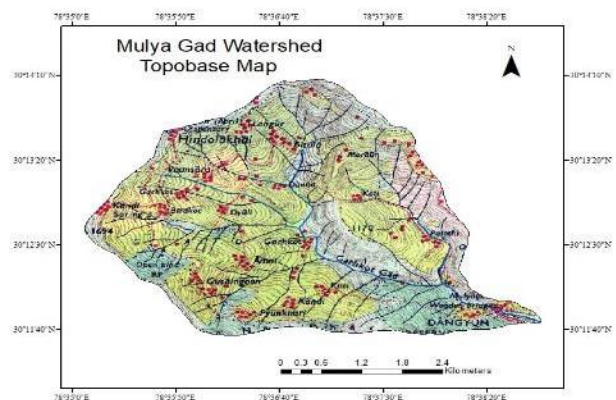
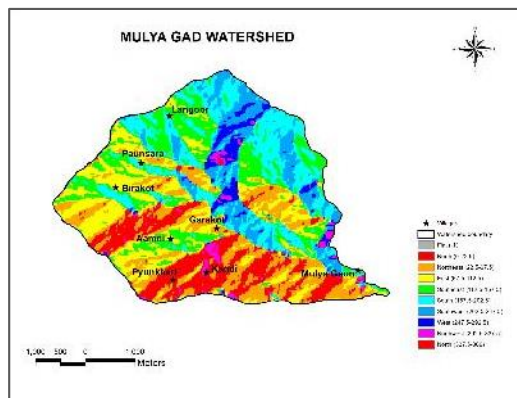
Place	Men	Women	Topics Covered
Gadakot	19	39	Provided training on how leadership can be developed and management of group affairs by the leaders. How to guide a group so that the group continues to grow.
Kandi	4	39	Information was given on the cultivation of French bean and detailed discussion held on how to keep the group organized and sustained.
Bidakot	6	82	The members of the group were given detailed information about making a trench and its importance in water recharge along with leadership development and group management.
Ponsada	5	20	Information was given about the cultivation of French bean and detailed discussion held on -how to keep the group activities sustained.
Mulyagoan	5	40	Provided training on how to do develop leadership to manage the affairs of the group.
Kimkhola	18	57	Provided training on how to develop leadership qualities and how sustain the group's activities.



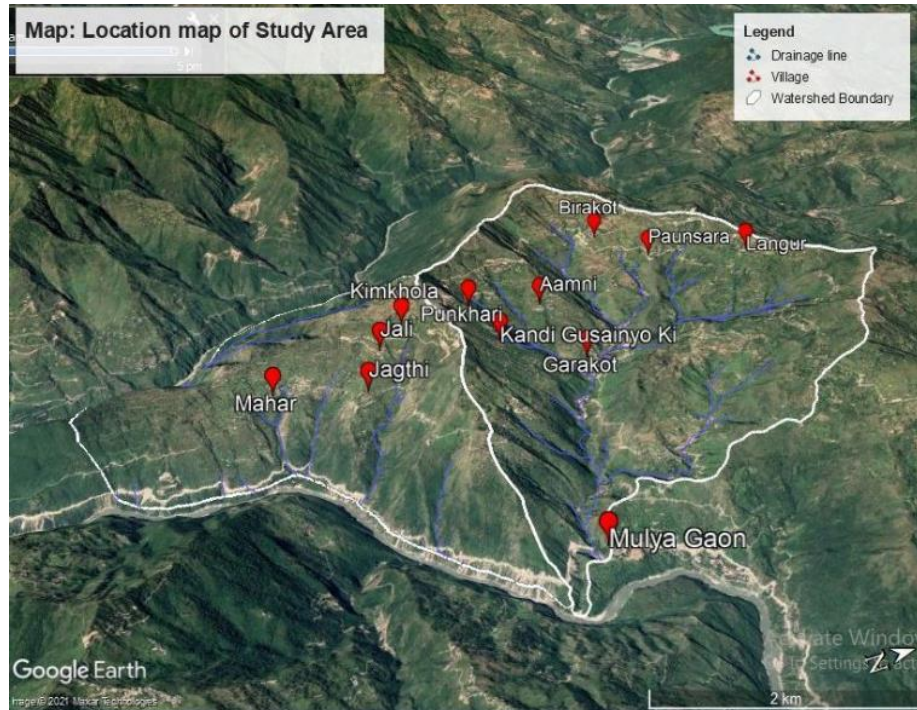
## Stream recharge / Water Conservation

Geo-hydrological survey and planning for water conservation and stream recharge: After Geo hydrological survey springs of the both spring shed-Mulyagad and Mahar were geo tag. Regular water discharge, quality of water, geology of the rocks and Steams types were identified. Different maps of the spring shed are prepared.

### Different types of Maps of Spring shed







Household survey was also underway to know the dependency on the streams in the area.

b) Plan for spring recharge is ongoing. It is expected that sites/areas for recharge work and measures will be soon identified

(c) Two sites in G.P- Mahar (*Bilari & Baidgarh*) were identified for construction/repair of irrigation channels. It is expected after the construction of these channels around 1.5 hectare of land will be irrigated. Panchayat's chairpersons are also mobilized to work on water conservation in their panchayats under MGNREGA.







### **Livelihood Promotion Support with ongoing government scheme**

Farmers were given inputs to grow traditional crops in line sowing as well motivated to sow *tulsi* seeds for forth coming *rabi* crops. Farmers who had sowed ginger were also provided information of its manuring and water cycle. Input was also given on how to use neem fertilizer.

To promote the horticulture in the project villages French beans and Lady finger seeds were procured. These seeds given to the farmers to grow these crops, nearby their houses. Total 332 farmers had sown these seeds in approx. 44 nalis of land. Details of the cultivation are given below in table 4& 5 -

#### **French bean Cultivation List**

S.N.	Village	Number of farmers	Number of groups	Quantity/ kg	Sowing area/ Nali
1	Kandi,Punkhri	35	7	7	3
2	Kimkhola	63	7	12	6
3	Mahar	107	17	22	11
4	Ponsada	20	3	4	2
	<b>Total</b>	<b>225</b>	<b>34</b>	<b>45</b>	<b>22</b>

#### **Ladyfinger Cultivation List**

S.N.	Village	Number of farmers	Number of groups	Quantity/ kg	Sowing area/ Nali
1	Mahar	107	17	10	22
	<b>Total</b>	<b>107</b>	<b>17</b>	<b>10</b>	<b>22</b>

#### **Leverage By The Project Efforts:**

A new farm machinery bank group was formed by the project to leverage government farm machinery bank scheme. Details of the group is following-

S.N.	ITEM NAME	QUANTITY	RATE	FARMER SHARE
1	Power weeder (6HP)	6Nos	5,88,000	1,20,000
2	Atta chakki (5HP)	3Nos	2,19,000	45,000
3	Thresher machine	2Nos	1,50,000	30,000
	<b>TOTAL</b>		<b>9,57,000/-</b>	<b>1,95,000/-</b>

20 vermi compost pits were constructed in village Kimkhola under the traditional crops cluster scheme of agriculture department. A tea bag packing machine was procured by a farmer livelihood group of SRLM in Mahar.

In Gram Panchayat-Bidakot, check dams and soil improvement work were undertaken by the garm panchayat for spring recharge, costing around Rs 11 lakhs through MGNREGS.

An irrigation tank was constructed in Biladi, GP-Mahar through agriculture department costing around INR 2.5 lakhs and will have appox 50 nalis irrigation capacity.

Under the stream management 40 stone crate gabion structures were constructed by the Panchayat Muliyagaon by leveraging MGNREGA funds.



**Stone crate wire Gabion structure-Muliyagaon**



## Our Board

S.N	Name	Occupation	Designation
1	Dr. S.P. Singh	Phd in Botany, Ex Vice Chancellor, HNB Garhwal University,	President
2	Ms. Neha Chaturvedi	PGDRM, Development Expert	Vice President
3	Dr. Anil Kumar Srivastva	Agriculture Scientist, Ex-Director VPKAS.	Member
4	Mr. Sanjay Gupta	Cost Accountant, Businessman	Treasurer
5	Mr. Puran Bartwal	M.Sc. in Botany, Development Expert	Secretary
6	Mr. Rajesh Kumar	B.Sc. in Agriculture Engineer, Development Expert	Member
7	Mr. Anil Tyagi	M.Com, Agri-Business Expert	Director

## CBED Projects At a Glance

S.N.	Name of project	Funding Agency	Period	Project Area	Total Project Cost
1	The Vipanana Sewa Project (VSP)- Agri-business development project for cooperatives in Champawat and Pithoragarh district	Ford Foundation	2005-2010	Champawat and Pithoragarh District	INR 90,18,867
2	The Education and Literacy project (ELP)	Jules and Paul-Émile Léger Foundation, Canada	2006-2011	Champawat and Pithoragarh District	INR 1,37,08,240
3	The Livelihood Enhancement through Agribusiness project	UDWDP in Augustmuni Division of the district of Rudrapur	2010-2014	Augustmuni, Rudrapur District	INR 85,57,797
4	Detailed Project Report (DPR) Preparation for micro watershed management planning under Integrated Watershed Management Program (IWMP)	Agriculture Department, Government of Uttarakhand	2013-2014	Narendranagar, Tehri District	INR 5,26,764
5	Bio resource assessment and value chain analysis of ABS potential species/products in	GIZ	2017-2018	Haridwar, Puri and Uttarkashi District	INR 3,75,000

S.N.	Name of project	Funding Agency	Period	Project Area	Total Project Cost
	selected districts of Garhwal region, Uttarakhand.				
6	The Integrated Livelihood Support Project (ILSP)	UGVS, Government of Uttarakhand	2015-2020	Jaunpur, Tehri and Munakot, Pithoragarh District	INR 2,40,71,628/-
7	Preparation of People's Biodiversity Registers	Uttarakhand Bio-diversity Board	2017-2020	Tehri District	INR 7,20,000/-
8	Livelihood Enhancement through Integration of mushroom cultivation and dairy farming in Jaunpur Block	G.B. Pant Institute of Himalayan Environment and Development	2017-2020	Jaunpur, Tehri and Munakot	INR 9,55,500
9	Sustaining livelihood through rain water harvesting for small scale productive use <sup>2</sup> – promotion of medicinal plants in inter cropping	The Hans Foundation	2017-2020	Devprayag, Tehri District	INR 55,25,500
10.	Details Technical Report preparation of Springshed Mangment for Nanital Dictriect .	Uttarakhand Forest Department	May 2019- June 2019	Nainital	INR 3,60,000
11.	Livelihood Enhancement through Ganoderma Medicinal Mushroom Production in Tehri and Dehradun district of Uttarakhand	NMHS- VCSGUUHF, Bharsar	2019-ongoing	Tehri and Dehradun District	INR 8,50,000
12.	Agri Clinic and Agri Business Center	MANAGE, MoA&KW, GOI	2019-Ongoing	Uttarakhand	As per Batch
13.	Agri Business Support Organisation (ABSO)	DMU-Purola, Uttarkashi, Watershed Management Directorate	2020-ongoing	Purola, Mori, Naugaon, Uttarkashi	INR 34,77,500
14	Sustainable Livelihood Enhancement through modern Agriculture and Horticulture Practices	Rural India Supporting Trust - USA	2020-ongoing	Tehri	INR 1,09,98,850