

Project Proposal

Project Title: Dissemination, Scouting, documentation and evaluation of Innovations & traditional knowledge from Almora District, Uttarakhand

Project Investigator- Dr Reetu Sogani, Chintan International Trust, Uttarakhand.

Period/duration: August 2017 to September 2018

Location - Nainital and Almora regions of Uttarakhand

Budget amount - Rs 1,73,500 (Rupees One Lakh Seventy Three Thousand and Five hundred only)

Objectives:

- To disseminate grassroots innovations as per location specific need in hilly regions
- To identify traditional healers & grassroots innovators during dissemination activities
- To evaluate utility of disseminated technologies in the study local
- To document identified grassroots innovation, idea, TK for bi-annual competition of National Innovation Foundation.
- To conduct the idea competition in Govt schools for Dr. A. P. J. Abdul Kalam Ignite competition.
- To enable linkage between tehsil level institutions, Krishi vigyan Kendra (KVK) with innovators/outstanding knowledge holders

Project area

The innovation/ practices will be disseminated, scouted and documented from Nainital and Almora regions of Uttarakhand.

Methodology

Disseminating activities will be help in hilly regions where there is need for reheating of cooked food, which reduces nutritional value. There is need to provide cooking options so that food can be cooked in lesser duration of time, with less amount of fuel wood/other source. At the same time, there is a dire need for a more efficient use of energy. For e.g. while the food is being cooked

if the heat can be used to heat water, do space heating (in rooms/kitchen / other spaces) being mobile, it would mean more efficient use of energy. Moreover, any kind of fuel including grass, dried leaves, even damp wood can be used. Chintan chula is one such innovation which has been designed by Ravindra Tamta. These requirements were shared very clearly by a voluntary organisation 'Chintan International Trust' working in disaster struck area in Pithoragarh in 2013. Hence the name. Credit of the innovation goes to Ravindra Tamta from Almora district area. Similar innovations are needed in these regions and incentivizing these innovations, promoting dissemination of it will help to sustain creativity. Further during the study such other innovations will also be promoted through network meeting with different institutional entities. **Daksh Cooker cum Stove, of grassroots innovator Shri Raghubir Singh will be shared in these premises.** He had developed a Chula which enables food to be cooked within an hour and food stays warm for 4-5 hours if kept in Chula. This saves time and energy than reheating the food before consumption. This Chula uses Bio Mass waste as its fuel. During these meetings scouting of traditional practices and innovations will be undertaken. Further, local problems will be identified and accordingly practices from NIF database will be shared for dissemination in various forms like pamphlet, booklets, wall posters etc. NIF will also identify and provide innovations for diffusion.

Deliverables

Disseminating need based technology of grassroots innovator **including chintan chula/ other stove developed by innovator**, among 10 villages in these hilly regions through networking with farmers, village meetings. About 10 village meetings will be held and these meetings will be followed up with atleast 5 other villages for scouting and documentation of outstanding ideas, innovation and traditional knowledge practices related to agriculture, veterinary, human health and farmer developed plant varieties / conserved traditional varieties from grassroots. Idea competitions will be conducted in the various schools to

harness the creativity of students and submit to NIF. Two interface meeting will be held involving traditional practitioners and innovator's with local institutions.

The project duration will be of one year and focus on documenting more than 250 ideas/innovation and tk practices from students/ innovators and tk holders. 25-30 detail documentation of ITKs during the period.

Budget with justification

The total budget required for carrying out the activity is Rs 1,73,500.

SN	Head of account	Amount (Rs)
A.	Travel support for scouting, documentation of grassroots ideas, innovations and tk practices and for dissemination activities	60,000
B.	Village meetings for scouting, documentation and dissemination of grassroots innovations 20 meeting @3000 rs	60,000
C.	Identification of healers/innovators during these meetings and follow-up; conducting Idea competition in schools	30,000
D.	Workshop with Healers, innovators and KVK interface, other institutional linkage [2 meetings @ INR 10000/- per workshop]	20,000
E.	Contingency & Miscellaneous (stationery, communication, documentation, postage, collection of sample etc.)	3,500
	Total	1,73,500

Details of organization /individual

**Dr Reetu Sogani,
Uttarakhand**

Financial details:

Cheque may be made in favour of "Chintan International Trust". At the end of the project an audited utilization certificate will be submitted to NIF.