

ANNUAL REPORT 2013-14



SHRISTI

Plot no-63, unit-VIII, Baramunda, Bhubaneswar-751003



Aspiring for a society free from hunger and domination by improving life and livelihood of the poor and disadvantaged communities is the vision of SHRISTI.

SHRISTI literally means in Sanskrit creation and it stands for Society for Harmonious Renaissance of Ideas through Simple Technological Initiatives

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The Path Crossed

SHRISTI has continued its effort to uplift the quality of life of rural poor through implementing many need based development projects focused on improved agriculture, sustainable natural resource, income generation livelihood and self reliant community institutions. SHRISTI creates a conducive platform for socially inspired and well educated people to work with the villagers in order to enhance the socio-economic development of poor. Presently SHRISTI works with **154 villages covering 6151 households across 4 districts of Odisha**. SHRISTI continued its effort in partnership with the government, the corporate and non-government domestic and international development organizations.

From the ink of executive Director....

This year SHRISTI has been involved mainly in Natural Resource Management issues with an aim to diversify livelihood opportunities and create a sustainable food security base for marginalized farmers in the tribal pockets of Odisha. As a common practice, SHRISTI team always tries to learn from its past experience and try to incorporate local knowledge and resources to make the development process most appropriate for a particular geographic location within Odisha.

SHRISTI has celebrated its success in working with various national donors such as Nabajbai Ratan Tata Trust (NRTT), Center for Environment Education (CEE), International Crop Research Institute for the Semi-Arid Tropics (ICRISAT) - Hyderabad where Organisation utilized its mid level Professionals to develop sustainable livelihood strategies. The process was initiated with formation of farmers Club and women self help groups (WSHGs) as village level institutions and involved them in developing their own capacity by implementing sustainable livelihood projects.

SHRISTI cannot carry its ambitious work load without the commitment and hard work of its staff. In particular SHRISTI realizes heavily of its Bhubaneswar academicians, finance and administration team, the field team in five districts. I am personally grateful to each and every one of them for their willingness to work in remote areas with health and security challenges. I feel deeply privileged to work with and be supported by such a stunning group of individuals from Odisha.

General idea

SHRISTI stands for society for harmonious renaissance of Ideas through Simple Technological initiatives. According to Sanskrit it means creation or in other words it is innovation. It is a trust having multidisciplinary expertise team to support the backward community for their rights and livelihoods in the field of agriculture, Integrated Watershed Development, Integrated Natural Resource Management, Community Mobilization and Plantation. Apart from that it has a team for study and research in the above field. The focus of this organization is to form sustainable and self reliant community institutions.

MISSION

To provide handholding support towards establishment of community organizations by enhancing their capabilities for resolving their problems collectively, through awareness and training in the field of agriculture,

natural resource management, and liaison to make them economically stable encouraging thrift, credit and income generation activities/programmes, so that they develop approaches for improving their life and livelihood.

A method of recognition, encouragement and support to their innate talents and capabilities followed for actualizing the above mission.

APPROACH

- SHRISTI strives to improve the quality of life of the rural poor by strengthening their existing Livelihood programmes, initiate new activities to diversify and increase their income, in the tribal areas.
- Women self help group along with farmers club have been the base for all interventions inside the village which leads the backward poor towards main stream of development process
- All the interventions are selected considering both the landed as well as the landless households
- Develop self reliant and self owned and managed community institutions to sustain the livelihood activities
- Develop cadre of well trained and capable local service providers to provide handholding support to the members during their need.
- Develop community based models for natural resource management in order to protect and use the Resources for sustainable development
- Work in collaboration with the government and other stakeholders

OPERATIONAL AREA

Presently, the operational area of SHRISTI is spread over in 154 villages in four districts namely Keonjhar, Mayurbhanj, Dhenkanal and Bhadrak of Odisha. SHRISTI inspires young and experienced rural development professionals to work for the purpose of the organization with their self satisfaction. The organization has been able to attract and retain rural development professionals and scientists in the field of Agriculture, Fisheries, Forestry, General Science, Technology, Business Management, Rural Management and Social Sciences.

KEY ACTIVITY

Self Help Group:

Shristi has a focus to build and strengthen Women Self Help Groups (SHG) at the hamlets with concentration of poor and tribal families. All the activities are administered through SHG at the hamlets/villages by a team of experienced staff members, Skilled Extension Workers and Service providers from the local villages. For effective monitoring of the performance of SHGs are monitored and are being strengthened with MIS (Management Information System) . SHG clusters have become a space to create awareness on government schemes, Panchayati Raj systems and other related matters.

Sl. No

PARTICULAR

As on March 14

01	No of Districts covered in Odisha	4
02	No of Blocks covered	12
04	No of SHGs Promoted	252
05	No of SHG Members	2850
09	Total No of SHGs- Savings linked with Banks	252
10	Total Amount of Savings Mobilized	3361700
11	Total No of Credit linked SHGs with Banks	173
13	Amount of Loans Facilitated (Rs.)	1,30,76,000

Natural Resource Management (NRM)

NRM based micro planning at Hamlet/village level is conducted before starting the implementation. Design and estimation along with mode of implementation and payment procedure are shared with the community before starting the work. User groups are created against each assets and role and responsibilities of user groups are also shared.

Sl.	NRM activities	Unit	During this Year	Total as on March 142014
1	Dug well	Nos.	8	22
2	30x40 model	Ha.	22	72
3	5% model	Ha	3	59
4	WAT	RM	102	303
5	Gabion	Nos.	2	8
6	Farm Pond	Nos.	8	25
7	Field bunding	Ha.	16	66

Livelihood promotion _Farm based

In farm based livelihood promotion improved method of agriculture is continued. We are focus on line transplanting medium and low land, Ground nut, Maize, black gram, red gram, horse gram and green gram in upland and medium up land, cash crop like tomato in kharif and potato in Rabi are taken. Apart from this plantation in barren land and backyard plantation are taken place.

Sl.	Crop	Nos. Of household involved	Area(acre) covered
1	Paddy	796	1274
2	Maize	390	131.5
3	Ground nut	46	75
4	Red Gram	266	30.5
5	Black gram	351	30.9
6	Potato	318	8
7	Mustard	22	17
8	Chick pea	108	5.7
9	Horse gram	19	10
10	Green pea	19	2

Off farm livelihood option:

The areas of intervention for off- farm livelihood promotion have been NTFP collection and marketing with a focus to Sal leaf, Badi making through badi federation, Banaraja rearing unit along with back yard poultry, goat rearing.

Sl.	Off farm activities	Unit	During this year	As on March 14
1	NTFP	Bundle	37024	196878
2	Badi	Qtl	115	415
3	Hatchery	Unit	0	1
4	Poultry	HHs	0	115
5	Goat rearing	HHs	50	370

Besides also organize various training and Capacity building programmes with support from Directorate of Cashew and Cocoa development, Odisha University of Agriculture technology, Indian Council for Agricultural Research, Krishi Vigyan Kendra, Goa and Mangalore who often act as knowledge facilitators in these capacity building related activities.

The Road Ahead...

In 13 years of journey towards meeting the objective/vision of improving the quality of life of the rural poor SHRISTI is developing its operational strategies and is in an expansion phase to reach out to a large number of people. SHRISTI is striving to fulfil its vision 2020 of reaching out to 40% poor families in each intervene block across 5 districts. In order to increase the scale of operations, a complete renovation of the organizational structure will be undertaken, the activity based community organizations will be promoted, strengthened and developed into financially viable enterprises. Looking ahead, intervention on INRM activities would be developed into one of the core programmatic areas and implemented across all project locations along with capacity building of community as well as different stakeholders. The organization would develop a strategy for this and raise resources towards the same.

Harichandanpur, Keonjhar

Things to see...

- 70% households are covered under line transplanting
- In spite of PHAYLIN the production is 52.5Qtl per Ha.
- 303 households are involved in potato cultivation by using seed potato
- 185 kg of Red and black gram seed are stored as seed exchange programme by SHG for next year use
- Green pea introduced first time with 19 household results bumper yield
- 30 new SHG are formed and 22 existing defunct SHG are revived

SELF HELP GROUP (SHG): Under community mobilization and institution building, 30 new SHGs are formed, 22 numbers of defunct existing SHG were revived. 55 old SHGs update their books of accounts, and the audit completed in 45 SHGs. Four groups are linked to banks. A total savings of Rs 7, 99,470/- has been mobilized up to March 2014 by all the 65 SHG. Improved the understanding and capacity of group members by organising 16 Member Education Programmes (MEP) in different village.

Farm based Livelihood: Improved agricultural practices have been implemented with the community successfully. Line transplanting in paddy along with upland crop and cash crop has been implemented with 633 households which covers around 297 acres.

Thrust area	Crop	Villages	Intervened	Total	Productivity
		Intervened	HHs	Area	/Return (qt/ha)
Food security	Paddy	9	533	173	52.5
	Maize	9	310	48.5	24.5
Nutrition	B.Gram	9	351	30.5	4.5
	R.Gram	9	266	30.5	3.75
	C.pea	9	108	5.6	16250
	G.pea	3	19	1.6	18
Cash Crops	Tomato	3	14	1.6	Rs
	Potato	9	303	6.8	180.25



53

numbers of Soil sample has been collected from 10 villages and tested on the soil testing laboratory of Shristi by Agriculture Coordinator. One day training on soil testing has been provided to all the staff members along with the service providers of Shristi. Forty eight numbers of Soil sample has been collected from 6 villages and sent to ICRISAT for analysis. One day training on scientific harvest of red gram has been provided to all the staff members along with the service providers of Shristi by ICRISAT personnel. INRM based micro planning has been done in five villages and the design, estimates has been completed. Base line survey has been conducted by the external team lead by Mr.Sreenivasan, for that 6 sample villages (3 old and 3 new) has been taken which includes 280 household at random basis for survey.

TREE BASED LIVELIHOOD

Things to see...

- 257.5 ha upland under cashew plants
- 2650 coconut plants are planted in two districts with 172 households
- 700 coconut plants are planted under AICRP on Palm along with tribal households in 6 villages

SHRISTI has planned to enhance the economy of tribal households through fruit tree plantation under tree based economy. Under this we are planting grafted cashew seedlings in the uplands and coconut in homestead garden. Every year the cheque has been distributed to the eligible farmers as per guidelines. Director from DCCD, Kochi, CDB, Bhubaneswar are visited our operational area. All India Coordinated Research Project on Palm is also implemented in 6 villages by taking 106 tribal families. Vegetable like potato, beans, Mulli are taken as intercrop between coconut plantations. The plantation programme under tree based economy in Shristi is started in the financial year 2009.

Cashew: During this financial year 2013-14, Shristi covered 257.5ha of upland land under cashew by taking 219 farmers of 27 revenue village under DCCD financial assistance. As per DCCD norm the cheque has been distributed to all the farmers in all the locations. High temperature, prolonged dry spell and open grazing are the major reason behind the mortality of cashew plant.

Coconut: The programme covers 24 villages 11 from Mayurbhanj and 13 from Keonjhar which includes total of 172(85 in Khunta and 87 in Harichandanpur) farmers. 2650 coconut plants are planted by all the 172 farmers in the 24 villages. Till the reporting date 70-80% plants are survives in both the location. 29 farmers are practicing intercropping inside the coconut plantation. Respective technical officer (assistant horticulture officer) along with his field technician has visited the farmer's field in both the districts. Apart from this 700 additional plants are planted under AICRP on palm, OUAT programme.



SL

Dhenkanal

Keonjhar

Mayurbhanj

Fruit Trees	2013-14	As on	2013-14	As on	2013-14	As on
		March 14		March 14		March 14
1 Cashew (Ha.)	206.5	860	51	120	22	62
2 Mango (Ha.)	0	0	0	0	17	32
3 Coconut_CDB (Nos.)	0	0	1150	2400	1500	1500
4 Coconut_AICRP (Nos.)	0	0	700	700	0	0

MICRO WATERSHED

Things to see...

- 200 ha ridge area treated through 2 micro watershed
- 1109 ha are sanctioned for details project report
- 33 acre of land under assured irrigation

Shristi completed successfully the capacity building phase in 200ha in two villages. During this year the funds are expenditure in various activities like field bonding, Drop structure, dug well, micro irrigation demo, improved agriculture practice, coconut, cashew plantation & gabion structure. Bank statement is done and is counter signed by one of the team member from SHRISTI before payment. A token has been given to each labour after one week of their work completion for reference and transparency. Looking to our progress NABARD sanctioned Rs 1, 18,900/- for Rohi and Rs 1, 24,500/- for Bhooka watershed for preparing details project report (DPR) for 615ha and 494 ha in Rohi and Bhooka respectively.

During this year watershed team member of SHRISTI identified another 5 micro watershed covering 2830ha in Harichandanpur block and completed the documentation process as per NABARD guidelines. Progress of structural work



Income Generation Activity (IGA)

Things to see...

- 115 qtl. Badi are sold in different exhibition
- 37024 sal leaf bundles are sold
- Around 6 lakh are mobilized from DRDA_ORMAS for IGA

Badi Making by Subhashree Badi Federation:

The BADI Federation is consists of 9 SHG group with total membership as on reporting period is 102. Each month each member contribute Rs 10/- to cooperative for overall development of the group. Regarding this

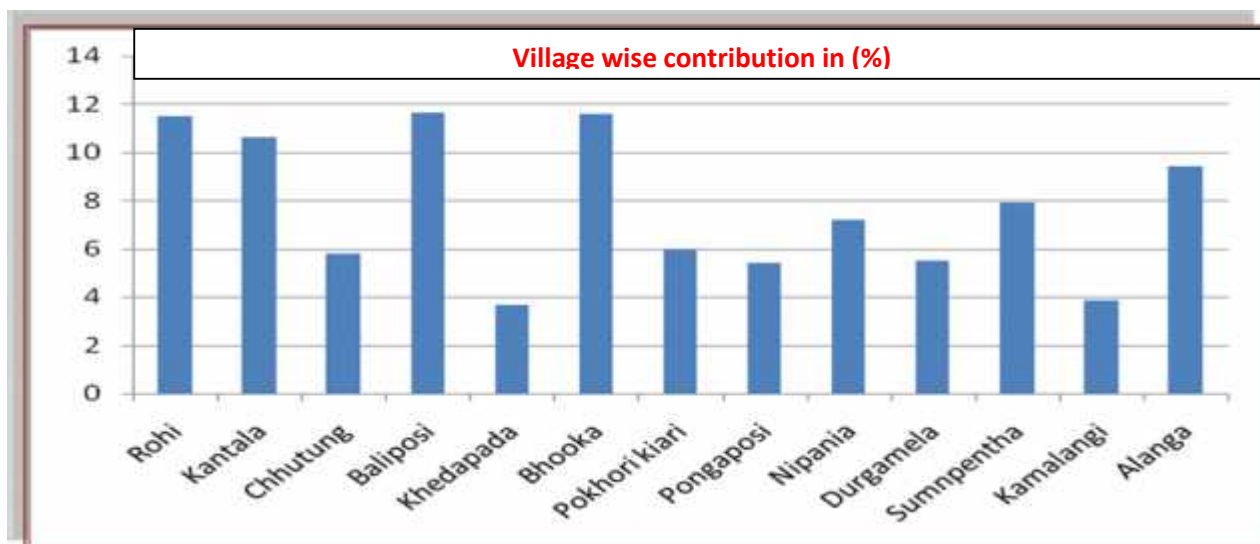
activity all member are in regular. Apart from these Rs 1000/- non refundable amount per member is also contributed for growth of the institutions. The BADI federation has a general body which consists of the entire member and for day to day activities like monthly review and planning there is a governing body which consists of 9 members. Out of 9 members 3 members are designated as president, secretary and treasurer for final discussion. 15th and 30th is the monthly meeting of governing body. During this year the 9 governing body along with 11 front line leader are taken BADI making process. Apart from this regular household visit by staff enhance the capacity of members in making quality BADI as well as marketing skill. During this year the BADI federation member sold their product in different exhibition, DRDA stall and as an individual. The federation set target to sale 250 quintal in current year 2014-15. To achieve goal different action points are finalized among the members and responsibilities are given to concern person. The details are given below

SL	Place	Type	Qtl. Sold	Rate In Rs
1	Anugul	Exhibition	1.5	135
2	Puri	Pallisree	1.5	135
3	Rourkela	Exhibition	2.5	135
4	Dhenkanal	Exhibition	1.5	135
5	Balasore	Exhibition	5	135
6	Cuttack	Bali Jatra	3	135
7	Bhubaneswar	Sisira Sarasa	10	135
8	Keonjhar	Kendujhari	8	120
9	Local	Individual	82	110
Total			115	



Livelihood through NTFP:

The BANADURGA producer group is consists of 31 SHG group with total membership as on reporting period is 350. Each month each member contribute Rs 5/- to producer group for overall development of the group and for institutional growth through internal lending as per requirement. This producer group has three clusters (each cluster consists of 120-150 member) for better implementation of their action plan. The DRDA appointed 2 people for day to day affairs of the producer group. Along with secretary the 2 appointed people have taken accounts training in DRDA. Annual action plan is available with this producer group and this has been prepared through an exercise by taking all the direct and indirect stakeholders with the guidance of Shristi person. During this year (January 2013 to April 2014) the producer group member sold their product (Sal leaf) in different place with the help of Shristi and ORMAS. Last year **37024 bundles** of Sal leaf sold by different villages. The details are given below



Livelihood through livestock

Shristi in partnership with NRTT initiated the live stock project in Harichandanpur Block area which includes 10 villages. 370 households are included under this goat rearing programme. The programme is aim to enhance the income by zero down the mortality rate through regular vaccination. Last year out of 2873 goat only 37 (only 1% mortality) goats are died due to unknown diseases. 297 scientific shed has been constructed out of 370 household. 2490 and 2560 nos. Of goat are vaccinated and de wormed regularly.

Khunta, Mayurbhanj

Highlights...

- 33 % households are covered under line transplanting
- 55 nos. of backyard are developed through SHG members
- 30 households are involved in potato cultivation by using seed potato
- 3 new SHG are formed and 25 existing SHG are revived
- Mobilized 89 lakh from DRDA for INRM activities
- 13,666 wage days are created

MICRO WATERSHED_SITE FOR LEARNINGS

Shristi has been implementing a model watershed project at Khunta block of Mayurbhanj adjoining to Keonjhar district in partnership with ICRISAT (International Crops Research Institute in Semi-Arid Tropics), Hyderabad. The project is one of the 8 model watersheds or sites of learning which was approved by Ministry of Agriculture, Government of India.

SELF HELP GROUP (SHG): Under community mobilization and institution building, 3 new SHGs are formed, 25 numbers of existing SHG were strengthened. 25 Old SHGs update their books of accounts, and the audit completed in 23 SHGs. A total savings of Rs 66,240/- has been mobilized up to March 2014 by all the 25 SHG.

Improved the understanding and capacity of group members by organising 11 Member Education Programmes (MEP) in different village.

Farm based Livelihood: Improved agricultural practices have been implemented with the community successfully. Line transplanting in paddy along with upland crop and cash crop has been implemented with 433 households which covers around 317 acres. 106 numbers of Soil sample has been collected from 9 villages and sent to ICRISAT for analysis. INRM based micro planning has been done in 17 villages and the design, estimates has been completed and submitted to block for technical and financial sanction.

Thrust area	Crop intervened	Villages Intervened	Intervened HHs	Total Area covered (Acre)
Food security	Paddy	8	302	266
	Maize	5	83	80
	Groundnut	3	46	75
Nutrition	H.Gram	3	19	10
	Mustard	3	22	15
Cash Crops	Potato	3	14	1.6

District Rural Development Agency (**DRDA**) has selected us for implementing INRM work through MGNREGA in 20 village of three Gramapanchayat as a pilot basis. Till today INRM based detailed village base micro plan has been completed in 16 villages. Total of Rs 89, 00,000/- has been sanctioned under this programme during this reporting period. Sanctioned works are ongoing in 4 villages name Baniabasa, Dengam, Dabak and Nuagaon. Another 6 project are submitted to block for technical and financial sanction worth Rs 54, 00,960/-.

Promotion of Kitchen Garden: This year by taking the member of SHG we are implementing kitchen garden with an objective for nutritional security to the family throughout the year. After concept seeding at SHG level interested SHG are taking as a beneficiary at initial phase and later on included the entire SHG member. Till today 55 SHG members from 10 SHGs are taken part in this activity. Rs 250 to Rs 400.00 are providing as a initial capital from the project for establishing the unit. The unit consists of different types of vegetables with strong fence.

Promotion of Vegetable Cultivation: These activities are carried out where ever little water facility is available and near the constructed dug well. 54 acre of land is included under commercial rainy season vegetable cultivation by taking 153 farmers in all villages. The commercial vegetables mainly include Tomato, Cabbage, cauliflower, Raphanus and Brinjal. This activity may increases if irrigation facilities are given to farmers.



Soil and moisture conservation (INRM): During this season team of watershed members constructed following soil and moisture conservation structure with the help of villagers. All the structure which is made, decided by villagers in a village meeting. Structure like farm pond, water absorption trench (pic:1), cross bond,

Field channel and dugwell are made in the watershed area within the budget amount. Where ever funds are not available villagers are provided SHRAMDAN (pic:2) for completion of work.



Study and Research: All the results are discussed in monthly planning and review meeting also the results are displayed in every village notice board.

Sl.	Study and Research	Unit	No
1	Ground water monitoring	Well	31
2	Rainfall data collection	Month	Every

Capacity Building & Training: Capacity building is the key factor for ensure success of each project. Looking to this, a series of regular meeting, need based training and exposure visit were conducted at both in house and field level by taking all Service providers, and concern staff members of Shristi for not only increasing capacity but also for smooth implementing the activities in the field. Resource person from line dept and other learned person are invited to all capacity building programme as per requirement. Sub group discussion, individual interaction, presentation and lecture methodology are followed in the entire capacity building programme. Standard training tool are used during training for effective communication to the participants about the objectives. Most important things are that at the end of each training output and impact are calculated and same is followed by staff in the field in a regular interval.



Our Advisors

Sl. No.	Name	Age	Occupation	Qualification		Since when associated with Shristi
				Education	Experience (yrs)	
01	Mr.A.K. Pati	69	Ex-Director, Loksiksha Parishad,	Master in Social Work (MSW),	48 Yrs in Eastern Indian	2001

			Ramakrishna Mission Ashram, Kolkata	Santiniketan, W.B.	States	
02	Dr.Viswa Ballabh	60	Professor, XLRI, Jamshedpur	M.Sc.(Ag), Pantnagar, PhD. IARI, New Delhi	31 years in Gujarat (IRMA) & Jharkhand (XLRI)	2001
03	Mr.Vinod Jain	58	CEO, Trust Consulting	B.Tech. (Agril.Engg), IIT Kharagpur.	30 Years in U.P. & other Indian States	2001
04	Mr.Madhusudan Kundu	68	Ex-Principal Rama Krishna Mission, Narendrapur, Kolkata.	M.Sc.Ag. (Agronomy), BCKV, WB.	40 yrs. in Eastern Indian state	2001
05	Mr.Bismya. Mohapatra	47	Development Professional	M.B.A., XIMB.	23 years in Odisha and Jharkhand	2001
06	Ms.Vimla Chandrasekhar	53	Social Worker	M.A., UTKAL	26 years in Odisha and Tamilnadu.	2001
07	Mr.Sudhakar Ghosh	51	Director, Jansikshan Sansthan, KALYAN, Purulia, West Bengal	Master in Social Work (MSW), Santiniketan, W.B.	28 years in West Bengal	2008
08	Dr.V.P.Singh	60	Director, ICRAF, New Delhi	M.Sc. (Ag), PhD	30 years in India and abroad.	2008
09	Dr.Alok Sikka	62	Ex-Scientist, ICAR, New Delhi.	M.Sc. (Ag), PhD	32 years in India and abroad.	2008
10	Mr.Subodh Gupta		CEO, Saral Solutions	B.Tech. IIT, Kharagpur	27 years in Bihar, Jharkhand and Andhra	2009

					Pradesh	
11	Dr.A.K.Pattanaik		Professor, Horticulture, O.U.A.T.	M.Sc. (Ag), PhD	30 years in Odisha	2011
12	Dr.P.C.Lenka		Head of Dept. of Horticulture, O.U.A.T.	M.Sc. (Ag), PhD	30 years in Odisha	2011
13	Dr.Ram Prasad		Ex. Director, IIFM, Bhopal	M.Sc. (Ag), Phd	35 years in Indian states	2012

Our Supporter

Sir Dorabji Tata Trust (SDTT) is our supporter in working for the disadvantaged tribal in Keonjhar district

Sir Ratan Tata Trust (SRTT) has given us the opportunity to work with the poor tribal in Keonjhar District in improving the INRM based livelihoods.

NABARD and other Banks have extended linkages to the SHGs and NABARD through its Watershed programme supports 2 micro watershed in Keonjhar.

Gol, Rural development has supported in establishment of model watershed in Mayurbhanj.

DCCD, Gol, Ministry agriculture has supported in promotion of cashew plantation in uplands of tribal in Dhenkanal, Keonjhar and Mayurbhanj district.

CDB, Gol, Ministry agriculture has supported in promotion of coconut plantation in uplands of tribal in Keonjhar and Mayurbhanj district.

OUAT, AICRP on Palm has supported in promotion of coconut plantation in backyards of tribal in Keonjhar district.

OUR BRANCH OFFICES



Keonjhar

Jaunlipokhori

Harichandanpur, Keonjhar, Mob: 7504994409

Keonjhar

Kamargodia

College lane, Keonjhar, Mob-7504994512

Mayurbhanj

Nagpal, Kalia chowk

Baripada, Mayurbhanj Mob- 9437443512

Dhenkanal

Koilipongi

Bhapur, Dhenkanal- 9937513530

Bhadrak

Bhandaripokhori, Highway side

Bhadrak

SHRISTI, Let's Create