

2015-16

ANNUAL REPORT



SPEECH

Society for Public Education Environment Cultural & Health
Ganesh Krupa, Bank Colony, Nrupatunga Extn,
Near RTO Office, Chitradurga -577501
Mob: 9740114246, E mail: speech.cta@gmail.com

Message from Secretary,

Dear Friends,

As I write this message, there is much change and promise of progress and development around us. There are fresh challenges heading our SPEECH organization and we expect rapid growth in all areas, as our Organization continues to do its best for bringing about socio-economic change in our area. We are happy to record that in past few years since our Inception, we have grown with our hard work to change the socio economic conditions of rural area by bringing economic sustainability in them as they are the backbone of our country. Our organization worked with its excellence in various activities like Watershed development in conserving the natural resources and health care activities to develop awareness among people on total sanitation and strengthening human resource. Our organization is also involved in other versatile and innovative programmes in developing Organic villages, livelihood interventions, constructing water Watershed Areas, Youth strengthening programs, community development and strengthening, commercial crop improvement and WADI programs. In order to solve the energy crisis and maintain environmental balance recently our organization involved in activity developing future renewable bio fuel.



Our mission is directed towards bringing about positive socio-economic, education, health and environmental change, through our dedicated volunteers, with their hard work and commitment, training, workshops and appropriate implementation strategies.

We are extremely glad & proud to present 2015-2016 annual report introspecting our focus, planning, execution to reach our destiny and I would like to thank all our committed volunteers, partner NGOs, supporters, trainers and the Joining Hands for all their hard work and dedication, in particular NABARD and my fellow trustees.

Thank you

Best wishes

Yours Sincerely

Mr.Sheshanna.H

Secretary

From Director's Desk

Credibility and the impact it makes on any programme or movement, to bring about change and transformation, is time consuming. Our SPEECH Organization focused on such programs that have a positive impact on socio-economic, education, health and environmental change. Current activities like Watershed Development, livelihood intervention and Commercial crop improvement has covered about 30 villages in our district bringing economic sustainability and developing self reliance among the people. We not only focused on developing Natural resources, but also on human health care, sanitation and environmental balance. Human power is an INDIA'S greatest asset and we working on educating the ignorant and uneducated people on bad practices and provided necessary medical care, established primary health care centre in their locality and also constructed sanitary pits for them. We working on versatile and innovative IGA activities to fulfill the energy crisis and develop good old organic farming in the rural area. Currently we are working as Nodal NGO for Chitradurga district in Karnataka State Bio fuel development Board for building future renewable Bio fuel.



All this has been made possible by the community participation and dedicated work of our Organization. The effective planning, implementation, monitoring and management process helps to fulfill our key objectives in all our interventions. It is my especial pleasure to thank every member of this group and congratulate them for rising up to the new challenges.

Thank you

Narasimha Murthy.M

Director.

Annual Report-2015-16

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VISION STATEMENT:

“Encouraged Voluntary Action and Community Initiative towards Self Sustainable Development”

Organization Operational Area:

We work in 694 villages of Chitradurga, Davanagere, Kolar, Tumkur & Yadagiri districts which is deprived of basic necessities that are essential for a decent living. The organization is being given due importance to improve the rural livelihood and conservation of natural resources through implementing various projects viz, watershed development, Agriculture extension, women empowerment, health hygiene & sanitation, Gender sensitization, Education, entrepreneurship development and strengthening of community based institutions etc.,

Key Objectives of the Organization:

- Encouraging village community and creating awareness towards sustained community action for the operation and management of natural resources for environment rejuvenation.

- Enable poor to own their resource Based Institutionalized action towards their Self-Reliance through capacity building & linkages.
- Conservation and optimal utilization of natural resources such as land, water and vegetation.
- Harvesting maximum rainwater as possible for the purpose of supplemental irrigation, drinking water availability, plantation including horticulture and floriculture, pasture development, fisheries etc. to create sustainable sources of income for the village community. This leads to conservation, development, and sustainable management of natural resources including their use.
- Ensure overall development of rural areas through employment generation, poverty alleviation, community empowerment, and development of human and other economic resources.
- Restoring ecological balance by harnessing, conserving and developing natural resources of land, water and vegetative cover especially plantations.
- Promoting alternative health care and prevention measures with community participation.
- Promoting educational opportunities and technical inputs for marginal people.
- Involving women in community organization and decision making and empowering them to play their role in the society.
- To improve the livelihoods of the marginal, small and landless through implementing innovative IGA activities in rural areas.

NABARD-WDF Watershed Development Project :

Nagatihalli watershed is located in Hosadurga taluk of Chitradurga district, which was started in the month of December 2011 under Prime minister special package for distress district through NABARD Watershed Development



Fund. The project is being implemented by SPEECH NGO, Chitradurga through Sri Maruthi Village Watershed Committee. Total geographical area of Nagatihali watershed is 1309.21 Ha. It covers 792 families from villages namely Nagatihali, Ittigehali, Agasarahali and Tarikere. All these watershed villages come under G.N.Kere Gram Panchayath.

I. LAND TREATMENT

a. Bunding :- 57626 cmt work have been completed. Rs 3019778 has been spent towards laying of bunds for 545 farmers covering area of 805.45 ha.



b. COF are proposed for safe disposal of water.153 COF-1 & 130 COF-2 are constructed.



c. Bund plantation is planned for bund strenthening, fodder, fire wood, and for other purposes. It is planned to distribute plants like Teak, Silver okh, Subabula, Glerisidia, Neem, Jatropa, etc. Total number of plants sanctioned are 52100. Since all bunding is done in all farmers land all the plants which are sanctioned are distributed.



d. Dry land horticulture: As per the feasibility study of the watershed area the Land Soil is suitable for Mango, Banana, Arecanut and Sapota, Floriculture plantings and also the farmers in this area are interested for Mango & Sapota, So as per plan we are distributed Mango plantings variety such as which is having good yield of crop. Total number of plants sanctioned are 9700. Out of which 5200 mango and 4500



Sapota plants have been distributed.



e. Farmpond : 51 Farmpond's are constructed.



f. Drainage line treatment: Boulder Checks, Rubble Checks & Boulder Structure are constructed .

g. Grass seeds/fodder development:

Grass seed are sprayed over newly layed bunds. Well grown hemata would provide strength to bunds and would be very good fodder for Milchy animals. Since bunding is completed in 805.45 ha, 805 kg of hameta seeds are sprayed.



II. Trainings : Farmers beneficial and agri based trainings are included during the programme. All together there are six trainings are sanctioned. All trainings are conducted , All the trainings are one day and campus level, which are conducted



agro-horti farming system

outside the watershed area, with suitable resource persons. Various technical training are imported to selected watershed community to improve their skills in watershed development, agriculture production, live stock and fodder development and

Trainings are conducted with specialist and resource agencies like IAT-Chitradurga, to build capacity of the participants in various aspects of project related activities, regular training's were arranged to cover different subjects like soil and water conservation, livestock development agro horti forestry nursery raising, SHG, composting technique dairy activity etc



One day training on composting techniques was conducted for 60 participants and following issues are discussed during the program.

- Farm waste is converted to soil nutrient
- Provide low cost input for farming
- Increased soil fertility
- Generates employment
- Potential for income generation
- Environment sound practices
- Helps reduction in initial investment



III.Demonstration Activities

In addition to watershed treatment measures, special emphasis and greater attention was given to take up various agriculture developments and improving crop production system to help the farmers to adopt improved farming practices and use of improved seeds to enhance productivity



in lead crops under project support. The details of improved farming practices, improved seeds and different kind of demonstration activities taken in the watershed are as follows

During implementation , it was kept in mind that demonstration should serve the purpose by providing an opportunity to farmers for new type of farming activities. It was noticed that some of the activities would not serve the purpose as farmers are least aware and less interested. So it was decided in committee meeting to request for change of activity. Permission was granted for change of activities from Nabard. Beneficiaries for demonstration were selected during Grama sabha. 20 units of Ajola cultivation and 20 units of Ground Nut Seed production, 15 units of Organic vegetable cultivation, 10 units of Preparation of biopesticides, 10 units of Floriculture Development, 5 units of Promotion of Integrated farming activities, 20 units of Vermi Compost Development, 1 unit of Silage Pits and 20 units of Integrated Nutrient & pest Management in ground nut were given in Last year. By observing farmers involvement and success in those activities,



IV. Income Generation Activity

The sample survey has been conducted for 304 families to assess the average income of the family from different sources. All category of families such as small and marginal and big farmers are



considered. Out of 30 samples analysed, families having land 1-2 Ha are earning average income of Rs.57000/- per annum from agriculture & other occupations. The over all



analysis indicates that family with 2 to 4 Ha of land is getting Rs.139000/- per year from all sources. More focus will be given small and marginal farmers to improve their economic status through various livelihood programs, linkage & convergence.

It was observed that under employment, poor awareness and social restrictions are some of the major issues of women in the project area. Employment can be generated through farming system approach in the project area and also non-farm activities such as



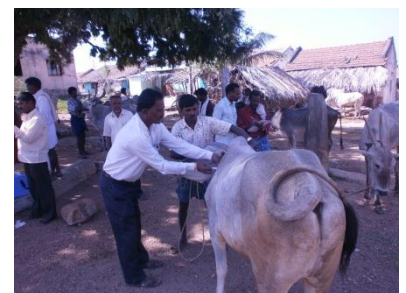
tailoring, livestock development & dairy activities. Women empowerment activities like SHG training, leadership training, gender & legal awareness, are planned for poor & vulnerable families. These activities can be scaled up through upgradation of their skill under various training and exposure visits. New activities such as vermicomposting, nursery activity Linkages will be established with the local banks through self-help groups.

There were 13 SHGs actively involved during programme. Total Amount of Rs 1,30,000 was released towards IGA. From 13 SHGs one member was elected and formed a Federation and Revolving fund was given to small farmers through that federation. In Nagatihalli watershed area



90 families are small farmers. Through SHGs amount was given to those small farmers families for activities like purchase of Milchi animals and Sheeps, Tailoring, and petty shop. Repayment was made after 6 months, It was decided that 1 % interest which was collected would be with corresponding SHG and only principal amount to be re payed to IGA account. So that Amount would be recirculated for other small farmers families . During Monitoring visit Mr Anand kumar consultant, Nabard and Mr Ragavendra DDM, Chitradurga were very much impressed on IGA. Through SHGs we have covered all most all the small farmer families. Later in the programme as per Nabard instruction total money was distributed equally to all the families through SHGs after conducting VWC meeting and Ghramasaba

Animal health camps: Three animal health camps were conducted in three villages such as Nagatihalli, Ittigehalli and Agasarahalli through animal husbandry department. Various common diseases are identified in local cows, cross breed cows, buffaloes and sheep, vaccination and treatments was made to animals during the camp.



IWMP-3st Phase-

SPEECH is implementing IWMP Project in Shorapura & Yadagiri Taluks of Yadagiri District being 2 Suwatershed Areas with the financial Support from Watershed Development Dept. We Formed and strengthen 20 SHG's & 30 AG groups in Tatalaera

Nala Sub Watershed Area at Yadagiri Taluk, 29 SHG's & 38 AG groups in Agni Nala Sub Watershed Area of Shorapura Taluk of Yadagiri Dist. In addition, conducting of Gramasabha, Baseline Survey, PRA, Formation of 7 EC Committee, SHG & AG Trainings, Net Planning, DPR Preparation and Implementation and Follow-up activities....

Impact of this project

- Conservation of water resources for various agricultural activities.
- Conservation of ground water
- Availability of water for drinking and various household activities
- Encouraging other income generation activity like floriculture and pasture development.

IWMP-4th Phase-

We Formed and strengthen 29 SHG's & 42 AG groups in Nagalapura Nala Sub Watershed Area at Yadagiri Taluk, 24 SHG's & 32 AG groups in Baradevanala Nala Sub Watershed Area of Shorapura Taluk of Yadagiri Dist. In addition, conducting of Gramasabha, Baseline Survey, PRA, Formation of 8 EC Committee, SHG & AG Trainings, Net Planning, DPR Preparation and Implementation of the Watershed Project.

Objectives of this assignment include:-

- To provide facilitation for increasing the participation of all stakeholders
- Ensuring the sustainability through various motivation activities.
- Capacity building and improving the participatory roles the communities.
- Linking of village institutions with Panchayat Raj institutions (PRIs) and line departments for institutional sustainability,
- Sustaining the Various groups to access resources on sustainable basis etc. through which the project development objective could be achieved.



The project objective is envisaged to be achieved through a series of measures involving the community through formation of locally sustainable and cohesive EC level management institution of users that would be facilitated to manage the Watershed Area and ensure equitable distribution of benefit accruals envisaged under the project.

Approach to the services:

- The project aims to demonstrate the viable community based Watershed management approach by developing and strengthening the SHGs, AGs & User groups.
- The approach would include the formation of Watershed Committees.
- Capacity building through providing a series of trainings, exposure trips.
- Linking institutions with line departments.
- Enabling them for active participation in planning, implementation and post management of Watershed etc.

Methodology:

1. Encourage and providing necessary support to own the responsibilities to CBOs in development of Watershed and operation & maintenance.
2. Door to door visit for rapport building with the community and motivating the villagers for active participation in the programme
3. Strengthening interface between user groups and Panchayath Raj institutions, line departments etc.
4. Organizing awareness creation programmes like Jathas, street plays to enable the community to understand the importance of the project and the community participation.
5. Participatory Rural Appraisal for evolving appropriate plan for developing systems and documenting baseline information on selected Watershed Area for restoration.
6. Community mobilization and formation of CBOs by adopting appropriate tools and techniques of the participatory project development approaches.
7. Strengthening of of CBOs by providing various trainings cum exposure trips on operation and management aspects of Watershed to ensure sustainability.
8. Motivation of the CBOs users for cost sharing arrangements for Watershed development to ensure commitment to the proposed interventions.
9. Focus on all vulnerable sections of the society in the constitution of Executive Committees and their representation.



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- Conservation of water resources for various agricultural activities.



- Conservation of ground water
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- Encouraging other income generation activity like fisheries, floriculture and pasture development.

NABARD-FPO (Farmer Producer Organization)

Proposal for seeking financial assistance for formation and nurturing of 2 number of Farmer Producer Organizations (FPOs) in Chitradurga district has been submitted to NABARD.

On 9th of March 2015 NABARD has sanctioned grant assistance for 2 FPO's to develop sustainable organization structure, formulate business plan for next 3 years, facilitate registration of FPOs, provide training and capacity building support to different functionaries and nurture the FPOs by providing necessary handholding support towards maturity for a minimum period of 03 years from the date of commencement of the FPO formation work.



One FPO in P.Mahadevapura Challakere taluk & another in Byadarahalli, Hiriyur Taluk, Chitradurga district. And the program has been decided to commence from 1st of April 2015.

The main purpose & intervention of this project is collectivize farmers, especially small producers, at various levels in the identified project area, to enable technology penetration and adaption, improve productivity, enable improved access to inputs and services and increase farmer incomes, thereby strengthening their sustainable agriculture based livelihoods. You should also ensure linking the producer organization directly to market opportunities to enable integration in the agriculture value-chain and create direct producer-consumer supply chains. Overall the Organization has to be nurtured into a professionally run and commercially viable institution in the long run.



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Secretarial Note ...

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Thank you

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Director Note.....

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PMKSY-Vth & Vth Batch.

SPEECH will work in all the Projects of Batch V and VI in Chitradurga District, it includes 8 subwatersheds in all 6 Taluks-Challakere, Chitradurga, Holalkere, Hosadurga, Hiriyur & Challakere Taluksof the district.

Awareness Creation : Creat awareness about the project, project key objectives, conservation of natural resources, the need for improving the productive potential, importance of participatory planning and implementation, planning & implementation process etc. among the village community through innovative approaches.



Grama Sabha: Organized Grama Sabhas in all the villages at different intervals as per the JDA's directions.

Jathas, Street Plays and other programmes: Organized Jathas, street plays, distribution of printed materials and any other mode of awareness creation in consultation with the JDA. It is expected that NGO would come out with innovative methods to reach the entire population in the project area about the programme.



Baseline survey : Conducted baseline survey of all the households and village bench mark survey in Project area as per the prescribed survey format provided by the department. If assessed by the JDA, NGO need to identify local personnel and train them for conducting baseline survey.



Formation of Community Based Organizations and linking them to federations :

Organizing the community members into different type of organizations like SHGs, UGs & ECs and strengthening of the groups through various.

Preparation of DPR:

For the preparation of DPR various data need to collected & planned basic information of the area so Baseline survey has been conducted successfully in all 8 SWS of the district consolidated the data and entered in e-DPR software developed by Ministry of Land Resource Delhi. Simultaneously Net Plan to propose NRM activities according to



land & farmers requirements has been made under the technical guidance of AO's & AAO's of respective Taluks our Key staff and Watershed assistants have visited every farmers land coming under project area collected the netplan details and uploaded in e-DPR portal.

NABARD - KFW Soil Health Project :-

The programme is proposed to be implemented in watersheds, which are already completed, or at the advanced stage of implementation in preselected states. WDF guidelines for cost norms, community contribution and other parameters will be applicable. Modification of cost and technical norms are permissible provided sufficient justification for deviation from WDF guidelines in light of Climate Change is given. The project will be implemented over a period of 4 years.



Training on Soil Health: Conduct awareness Programme about soil testing, to know the status of soil for management, to improve soil fertility and crop productivity, After completion of soil testing the soil health card will given to individual farmer. Training on soil sample collection and soil health card will be organized and Issued 359 Soil Health Cards with the Convergence of Department of Agriculture, Hosadurga.



Exposure visits: Under the sponsorship of NABARD the exposure visit has been conducted by our organization to Exhibition cum Training on Soil & Water conservation for Farmers income doubling at Sanihalli, Hosadurga Taluk, All the members of Nagathihalli sub watershed committee & some of the progress farmers are selected for exposure visit.



Summer Ploughing : "Summer Ploughing" is defined as the ploughing the field across the slope during hot summer with the help of specialized tools with primary objective of opening of the soil crust accompanied by deep ploughing and simultaneously overturning of the soil underneath to disinfect it with the help of piercing sun rays.



Perform deep summer ploughing (off season tillage) with pre-monsoon showers (during May) to recharge the soil profile. It



facilitates to sow the crops immediately after onset of southwest monsoon. Off season tillage increases water content of soils and reduces runoff. It also reduces pest and weed infestation.

Sub Mission of Agro Forestry (SMAF):

Department of Social Forestry has initiated a scheme SMAF to encourage and expand tree plantation in complementary and integrated manner with crops and livestock to improve productivity, employment opportunities, income generation and livelihoods of rural households, especially the small farmers. To ensure availability of quality planting material like seeds, seedlings, clones, hybrids, improved varieties, etc. To popularise various Agroforestry practices/models suitable to different agro ecological regions and land use conditions. To create database, information and knowledge support in the area of agroforestry.

Under this scheme Capacity Building and Training will be one of the important interventions of the sub-mission. Activities like training of farmers/field workers with a view to ensure growing quality planting material, skill development, awareness campaign, Publications, Information sharing so to mobilize farmers & SHG member they have requested our Voluntary support for it. In their guidance and support we have co-ordinated with them and mobilize 2 trainings in our PMKSY project area.

Bio fuel Development program:

With the great ambition to build a future fuel to the society, The Karnataka state bio fuel development board established in Karnataka on 2009. To carry out successful implementation of this task the board recognized SPEECH as a nodal NGO for Chitradurga district and entrusted this project for preparation and execution throughout the district. The board builds a chain of network in the rural area with the help of local NGOs to the importance of biofuel in the coming days. Biofuel development program focused on multiple benefits which increases the economic status of the rural people, prevents the investments on foreign exchanges, increases the forest area in the rural area and balance the nature. Moreover it also act as a natural biofertilizers & Biopesticides in regular agriculture practice.

NABARD-FPO (Farmer Producer Organization)

SPEECH Promote two FPO's, One FPO in P.Mahadevapura Challakere taluk & another in Byadarahalli, Hiriyur Taluk, Chitradurga district. SPEECH provide training and capacity building support to different functionaries and farmer members. Both FPO's are registered under Producers Company act. Office inauguration of **Kamadenu Farmer Producers Company Ltd** at P.Mahadevapura, Challakere was done

during the ceremony Sri.M.I.Ganagi CGM NABARD, Nitish Patil CEO ZP, Laxman.S.Kallennavar JDA Dept of Agriculture, Sujatha DDA Dept of Agriculture Challakere Division, Maruthi ADA Dept of Agriculture Challakere, elected members, other line



dept Officials, media persons were also present and informed to provide hand holding support to nurture the FPOs by providing necessary handholding support towards maturity for a minimum period of 03 years from the date of commencement of the FPO formation work.

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“Encouraged Voluntary Action and Community Initiative towards Self Sustainable Development”

Organization Operational Area:

We work in 694 villages of Chitradurga, Davanagere, Kolar, Tumkur & Yadagir districts which is deprived of basic necessities that are essential for a decent living. The organization is being given due importance to improve the rural livelihood and conservation of natural resources through implementing various projects viz, watershed development, Agriculture extension, women empowerment, health hygiene & sanitation, Gender sensitization, Education, entrepreneurship development and strengthening of community based institutions etc.,

Key Objectives of the Organization:

- Encouraging village community and creating awareness towards sustained community action for the operation and management of natural resources for environment rejuvenation.

- Enable poor to own their resource Based Institutionalized action towards their Self-Reliance through capacity building & linkages.
- Conservation and optimal utilization of natural resources such as land, water and vegetation.
- Harvesting maximum rainwater as possible for the purpose of supplemental irrigation, drinking water availability, plantation including horticulture and floriculture, pasture development, fisheries etc. to create sustainable sources of income for the village community. This leads to conservation, development, and sustainable management of natural resources including their use.
- Ensure overall development of rural areas through employment generation, poverty alleviation, community empowerment, and development of human and other economic resources.
- Restoring ecological balance by harnessing, conserving and developing natural resources of land, water and vegetative cover especially plantations.
- Promoting alternative health care and prevention measures with community participation.
- Promoting educational opportunities and technical inputs for marginal people.
- Involving women in community organization and decision making and empowering them to play their role in the society.
- To improve the livelihoods of the marginal, small and landless through implementing innovative IGA activities in rural areas.

PMKSY-Vth&Vth Batch.

During this financial year S3 Training programs to SHG groups, U3 Training programs to User groups & E3 Training programs to Executive Committee's were conducted in all 8 SWS projects of both 5th & 6th batches of Chitradurga, Holalkere, Challakere, Hosadurga, Hiriyur & Molkalmuru Taluks and respective AAO's, AO's were also involved during the training and provided useful information & guidelines to all participants. Reports & documents were prepared and submitted to respective Taluk Assistant Director of Agriculture.

Photos of S3 Trainings to SHG's



ChitradurgaTaluk



ChitradurgaTaluk PMKSY Batch 6th



ChallakereTaluk



MolkalmuruTalukPMKSY Batch 6th



Holallkere TalukPMKSY Batch 6th



Hosadurga Taluk PMKSY Batch 5th



Hiriyur Taluk PMKSY Batch 5th



Hosadurga Taluk PMKSY Batch 6th

NABARD – KFW Soil Health Project.

Nagathihalli SWS CCA project has been initiated from April-2017 & quite successfully the program has been completed 12 months . The first Half year work was successfully completed & in Second Half the following progress has been acheived;

In this project NALA BUND activity under **SWC works** component completed successfully. The site selection, structure is a major breakthrough in result we got one good rain during the end of September & the structure has fetched good amount of water



increased the structure value.

Taluk MLA, elected members, officers from line department & Panchayat Raj were invited for “Ganga Pooja” ceremony visited the site & appreciated VWC, PFA & NABARD. And some officials assured to provide first preference to these villages for their departmental schemes. DCFo, Department of Social Forestry has included Biofuel Block Plantation across the Nala in this year action plan. Recently Fishery Department had dumped 16000 fish(fry) in Nalabund. **IMPACT:** Water for more than 1.5 lakh livestock throughout this year.

Measures to mitigate CC risks Solar Street Light :

“**NABARD reached the unreachable**”– First to provide source of Light during night to the neglected 6 families as they were living in remote place across a hill near Ittighalli village where BESCOM failed to reach & recognize those families to supply power/street light.

Soil imprvrment and productivity enhancement measures: Summer Plough activity had resulted positive impact, almost all farmers had sown seeds & fetched good crops & fodder this year.





Sustainable NRM and CCA farming practices: Successfully distributed sprinkler sets at subsidiaries to farmers with the support of Agriculture Department.

Distribution of Sprinkler Sets



Sprinkler set
unit cost
21489/-

Fund
contribution:

NABARD -
3750/-
Agri Dept
RKVY-
17588/-
Farmer
Contribution-
151/-

Total 57
benefits

Rural Media team from Telegana has visited Nagathihall SWS to document Success Story of the watershed area as instructed by RO NABARD & completed the task successfully.



Formation of FPO in the project area was been initiated. Conducted Farmers exposure cum study tour to SWC & Farmers Income Doubling Workshop cum Exhibition organized by Agriculture Department at Sanikere, Hosadurga Taluk.

Activities and project achievements of the period under review

Convergence with other departments (in brief)

- 367 Soil Health Cards convergence with Dept of Agriculture Hosadurga,
- Distribution of Sprinkler Sets under RKVY.
- Bio-fuel block plantation with additional Soil & Moisture Conservation works under MGNREGA through Social Forestry.

Soil & Moisture Conservation Activity Dept., of Social Forestry under MGNREGA.



- 1 Farm Pond under PKVY
- Support to farmers under NFSM for Ragi crop harvest.

NABCONS-KBY Evaluation Study.:

NABCONS is one of the sub branch of NABARD doing Consultation works with reputed retired NABARD Officials Taking various assignments & study works from departments, Institutes, etc. Last Year SHG evaluation study assignment was given for us & due to our dedicated service further assignment was offered to us as a Project Based Contract Staff for 3rd party inspection of KBY[KrishiBhagyaYojana] scheme & for engagement of services with some terms & conditions to cover about 115 units of Farm Pond evaluation study through out Chitradurg district the was very difficult as the scheduled time provided was very less but however we reached 115 units of FP with the help our voluntary staffs and uploaded the structure photo, gps& detail information in Mobile app provided by them and completed the task. It was a voluntary service.

SMAF-Sub-Mission on Agroforestry Awareness Programme.

Substantial area in the country is still dependant on rainfall for farming. Due to the changing climatic pattern, rainfall is becoming more erratic, making cultivation a high risk and less productive profession over the years. It has therefore, becoming increasingly difficult for the majority of the Indian farmers to sustain their farm production, productivity and income. Agroforestry is known to have the potential to mitigate the climate change effects through microclimate moderation, conservation of natural resources and creation of additional source of livelihood and income opportunities. In order to make agriculture less vulnerable to climatic aberrations, Government of India formulated the National Agroforestry Policy in 2014. The policy recommends for setting up of a Mission or Board to address development of agroforestry sector in an organised manner. The Sub-Mission on Agroforestry (SMAF) under NMSA is an initiative to this end. The aim of the submission is to expand the tree coverage on farmland in complementary with agricultural crops.

Agroforestry not only provides environmental services, but also economic gains, as about 65 % of the country's timber requirement is met from the trees grown outside forests. The Agroforestry Policy has identified various factors those have impeded the growth of the sector like non availability of quality planting material, prohibitive legal frame work particularly for felling and transit regulations, inadequate extension mechanism, lack of proper institutional support and focused programme for its development etc.

The mission is focused to achieve the quantifiable benefits such as increase tree cover to enhance carbon sequestration, enrichment of soil organic matter, availability of quality planting material, improvement in livelihood, productivity enhancement of crop and cropping systems, development of an information system etc.

Sub-Mission on Agroforestry will have following objectives:

- To encourage and expand tree plantation in complementary and integrated manner with crops and livestock to improve productivity, employment opportunities, income generation and livelihoods of rural households, especially the small farmers.
- To ensure availability of quality planting material like seeds, seedlings, clones, hybrids, improved varieties, etc.
- To popularise various Agroforestry practices/models suitable to different agro ecological regions and land use conditions.
- To create database, information and knowledge support in the area of agroforestry.
- To provide extension and capacity building support to agroforestry sector.

Project Activities

The Sub-Mission will have the following five broad components to provide Capacity Building & Trainings on:

- (i) Nursery Development for quality planting material(NDQPM)
- (ii) Peripheral and Boundary Plantation (PBP)
- (iii) Low Density Plantation on Farm Lands(LDPFL)

(iv) High Density Block Plantation(HDBP)

(v) Demonstration of Agroforestry Models

Thus Department of Social Forest Chitradurgahave assigned us to provide Capacity Building & Trainings to Farmers, SHGs, Elected Members in all six taluks of Chitradurga District.Thus about 12 awerness/Training programs to SHG's, Elected Members, Farmers were conducted 2 programs in each taluk in co-ordination with respective taluk level RFO's of the Social Forestry Department.

Photos of SMAF Training Programs



Challakere Taluk



Chitradurga Taluk



Holalkere Taluk



Hosadurga Taluk



Molkalmuru Taluk



Hiriyur Taluk

Bio Fuel or Bio Energy Development Program.

The constitution of Biofuel Task Force to formulate the policy, the formation of the **Karnataka State Bioenergy Development Board (KSBDDB)** is the major initiatives taken by the Government of Karnataka towards the development of Biofuels/Bioenergy in the State. Karnataka is the first State in formulating and implementing the biofuel policy in the country. The KSBDDB has launched several schemes and programmes to popularize the production and usage of bioenergy and taken various measures through information and decimation related to plantation of biofuel species like pongamiapinnata, neem, mahua, simarouba, surahonee etc., feedstock collection, processing, value addition and usage of biofuels in automobiles and for captive power generation. The major plantation activities are taken up on the bunds and hedges of farmer's land and the plantation on road side, waste lands and degraded forest lands in co-operation with the Forest department. Our services as Lead NGO of Chitrdurga district is to carry out the IEC activities in rural area and also to helps in collection of seeds and usage of biodiesel by consumers .To monitor the development of bioenergy activities, mapping of resources at the district level a committee constituted **District Biofuel Monitoring Committee** under the Chairmanship of Chief Executive Officer (CEO) of ZillaPanchayat.

During this financial years about 17 trainings cum awareness programs to Farmers, SHG members, watershed Committee members, elected members, were conducted in PMKSY watershed areas, NABARD KfW soil health Project area, NABARD FPO project areas in Chitradurga District. In Co-ordination with Department of Social Forestry, BioFuel Information & Demonstration Centre International BioFuel Day was Celebrated on 10.08.2017 in School of Jankonda Village of ChitradurgaTaluk and BioFuel plants were planted even training on Biofuel were provided.





International BioFuel Day Celebration by Planting BioFuel Plantation in School Premises. School Childrens, DFO Social Forestry, Project Co-ordinator I & D Center were also involved in planting.



BioFuel Training in Kadabanakatte watershed Chitradurga Taluk



BioFuel Training to Farmers & SHGs in Doddhalla Nala watershed of Challakere Taluk



BioFuel Training to Farmers & GP members in Rajapura Nala watershed of Molakalmuru Tq



BioFuel Training to SHG members in Vedha Right & Left Nala watershed of Hiriyur Taluk



BioFuel Training to SHG members in Bhimsamudra Kere Nala watershed of Holalkere Taluk



BioFuel Training to VWC members of NABARD Nagathalli watershed of Hosadurga Taluk