

ANNUAL REPORT

2015-16



AVISHKAR

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FOREWORD

We are very happy to present the progress report of Association for Village institutions, Social, Health, Agriculture and Rural development (AVISHKAR) for the year 2015-16. We started with the Farmer club programme and Joint liability groups (JLG) with the support of the NABARD Bangalore. Farmer clubs, women SHGs and JLGs are actively involved in various agriculture and rural development activities in their respective villages.

We are also very pleased to report on the success of FTTF- Sustainable Production of Organic Vegetable Growers Association (VGA) initiated in last year in three villages of Tumkur taluka of Tumkur district. The response from the vegetable growing farmers has been very encouraging. The programme is not only promoting demonstrations, technologies in vegetable cultivation but also empowering farmers on low cost eco-friendly farming methods to ensure get good returns in agriculture while protecting the environment. The NGO has participated and exhibited organically grown vegetables during krishimela held at UAS, Bangalore. The stall has attracted good number of farmers, NGO staff and officials from different departments and UAS. They have appreciated the efforts of the farmers and NGO. This has further motivated the NGO and farmers to go for organic methods for vegetable cultivation. We take this opportunity to sincerely thank the NABARD, Tumkur for support and cooperation extended to us.

The NGO has selected for providing consultancy services for formation of Farmers Interest groups (FIG), conducting trainings to horticulture farmers and field days under World Bank assisted KWDP-II, Sujala-III (Horticulture component). The KWDP-II Sujala-III watershed development programme was sponsored by Horticulture department Tumkur. The project covering in under than 82 micro watersheds, the project is benefiting 1725 families in 27 gramapanchayths in Madhugiri, Sira, Pavagada, Gubbi, Kunigal and Tumkur talukas of Tumkur district.

The organization selected as Producer organization promotion institution (POPI) for implementation of Farmers Producer Organization Project (FPO) at Yelerampura gramapanchyath of Koratagere taluka and Aregujanahalli gramapanchyath of Tumkur taluka of Tumkur district. NABARD, Bangalore, The awareness programmes like village meetings, formation of JLGs/FIGs existing CBOs meetings, base line survey etc have been completed successfully. Formation of Board of directors and FPO registration process is under progress.

The AVISHKAR has provided monitoring and evaluation, training and capacity building and consultancy services to the NABCONS, Bangalore, CMSR INDIA, Hyderabad, local NGOs, interested farmers and government departments. We are happy to extend our thanks to NABCON, Bangalore CMSR INDIA Hyderabad for opportunity provided to us.

We sincerely thank the farmers clubs, JLGs, SHGs other community based organizations and staff members who have extended support and cooperation in the effective and smooth implementation of all the projects during the year.

A.Anandakumar
Secretary.

FIELD EXTENSION PROJECTS

1. Farmer technology transfer fund Project (FTTF): The project for promotion of sustainable production of organic vegetable farming practices through Vegetable Growers association (VGA) was sponsored by NABARD, Bangalore. It aims at motivating the vegetable farming community to adopt organic farming practices in vegetable cultivation. During the current year the main focus was given for training to farmers, exposure visits to fields of different farmers practicing organic farming, field level demonstrations and experience sharing with master farmers. Training and demonstrations related to liquid fertilizers, enriched composting methods, vermi-composting, IPDM and potato cultivation through organic methods etc have helped to build the confidence of vegetable growers in organic methods.

During the year NGO has participated and exhibited organically grown vegetables and displayed project objectives, activities and live demos on preparation of vermi-composting and Japan composting techniques during krishimela held at UAS, Bangalore. The stall has attracted good number of farmers, NGO staff and officials from different departments and UAS. They have appreciated the efforts of the farmers and NGO. This has further motivated the NGO and farmers to go for organic methods for vegetable cultivation.

Objectives:

- ❖ Formation of 'Vegetable Grower's Associations' (VGA's) at village level and their capacity building.
- ❖ To create awareness and adopt innovative technologies of eco-friendly practices for organic vegetables production at community level.
- ❖ To enhance vegetable production and improve productivity of land through promotion of eco-friendly agricultural practices.
- ❖ To reduce cost of production and dependency on external inputs for production of vegetables.
- ❖ To establish linkages of buyers, bankers, technical institutions with the growers of vegetables.

Basic information

- **Title of the project:** FTTF- Sustainable Production of Organic Vegetable Growers Association
- **Commencement:** 2014
- **Villages covered:** 03
- **Farmers covered:** 300
- **Sponsored by:** NABARD, Bangalore
- **Taluka:** Tumkur
- **District:** Tumkur



Progress as on March 2016

Sl. No	Activities	Achievement
1	Meetings with VGA	30
2	Training on IPM and INM practices for tomato crop	02
3	Training on composting techniques and seed treatment	02
4	Demonstration on IPDM in tomato crop	02
5	Training cum Demonstration on Potato cultivation	02
6	Enriched composting techniques	22
7	Preparation and application of Jeevamrutha	12
8	Promotion of Organic Kitchen Garden	06
9	Introduced new variety of tomato - ARKA Rakhsak	01
10	Vermicomposting pits	03
11	Providing earth worms to farmers	02
12	Establishment of Vermi wash unit	01
13	Soil health cards distributed	47
14	Convergence with horticulture department	12
15	Convergence with Krishi Vigyan Kendra (KVK), Hirehalli	16

Impact of FTTF project

- ❖ Effective utilization of agriculture waste, biomass and farm yard manure
- ❖ Adopting enriched composting techniques application of bio-fertilizers
- ❖ Reduced external inputs like chemical fertilizers and pesticides
- ❖ Reduced soil erosion and improved crop yields in the project village.
- ❖ Regular Application of Jeevamrutha for vegetable crops
- ❖ Vegetable farmers are application of neem soap, pongamia soap.
- ❖ Farmers were adopting vegetable seed treatment with AMC.



CASE STUDY ON ORGANIC POTATO CULTIVATION:

Farmers: Somlanaik s/o Julanaik, small farmer of Janupanahalli village of Aregujjanahalli Gramapanchayath, Tumkur taluka of Tumkur district.

Area: Three guntas

Inputs provided under the project: Trichoderma viride, neem cake, Organic bio manures, Jeevamrutha drum, Neem soap, pongamia soap, Barrix yellow stick plates.

Technology adopted:

- Land preparation and application of farm yard manure
- Seed treatment with trichoderma viride ,
- Enriched composting – trichoderma and neem cake application
- Application of Jeevamrutha two times
- During weeding he has applied two bags of Annapurna bio manure.
- Application of neem soap and pongamia soap for control of the pests and diseases
- Erection of barrix yellow sticky plates



Result:

- ✓ The yield from three guntas is four quintals. However, the size of the potato where Jeevamrutha was applied two times bigger compared to potatoes grown in modern methods.
- ✓ Farmer got the same yield as that of in-organic methods

Marketing: potatoes were sold in NABARD office at Bangalore, organic vegetable out lets in Tumkur city and KVK, Hirehalli.

2. KWDP-II SUJALA-III (Horticulture) project: The NGO has selected for providing consultancy services for formation of Farmers Interest groups (FIG), conducting trainings to horticulture farmers and field days under World Bank assisted KWDP-II, Sujala-III (Horticulture component). The KWDP-II Sujala-III watershed development programme was sponsored by Horticulture department Tumkur. The project covering in under than 82 micro watersheds, the project is benefiting 1725 families in 27 gramapanchayths in Madhugiri, Sira, Pavagada, Gubbi, Kunigal and Tumkur talukas of Tumkur district.

PROJECT OBJECTIVES:

- To demonstrate more effective watershed management through greater integration of programmes related to rain-fed Horticulture, innovative and science based approaches, and strengthened institutions and capacities.
- To facilitate farmers to carry out soil, water and leaf analysis to identify nutrient deficiencies and to make amendments for maximizing production through creating facilities for testing, training and demonstrations.
- To build innovative knowledge by installing studies to assist the farmers in crop diversification and participatory value chain, Dissemination of research knowledge to farmers would be through field demonstrations, assistance to procure low-cost equipments, and organizing programs for farmer groups
- To adopt a collective approach for building the capacity of farmers through training, field days and developing crop specific literature.



The core activities for the NGO were,

- ❖ To build awareness about the project at the village level, activities like village meetings and gramasabhas.
- ❖ Identification of the micro watershed project villages
- ❖ Informal meetings with micro watershed project farmers
- ❖ Formation of Farmers interest groups (FIG)
- ❖ Conducting training programmes for FIG and horticulture farmers
- ❖ Reporting and documentation.

Cumulative progress as on 31.3.2016.

Sl.No.	Activities	Unit	Achievement
1.	Villages covered	Numbers	180
2.	Watershed Area covered	Hectare	8693
3.	No of Micro watersheds	No	82
4.	Village meetings conducted	Numbers	126
5.	No of FIGs formed	Numbers	174
6.	No of Trainings conducted	Numbers	06

3. FORMATION AND STRENGTHENING OF WOMEN SHGS AND JLGs: AVISHKAR is implementing SHG and JLG project in 56 villages of Koratagere and Tumkur talukas of Tumkur district since 2010. Under this project the organization has its provided services on promotion and nurturing SHGs and JLGs. During the organization conducted different training programmes for strengthening of SHGs and women JLGs. The strengthening of SHGs was the primary focus of the organization since inception.

The organization conducted various income generation activities for SHG members and representatives, The organization has formed 240 SHGs and 30 women JLGs, all the SHGs and JLGs are functioning with regular meetings and savings, internal



lending. SHGs are taking lead role in decision making process and village development programmes. So far 162 SHGs have linked with Banks an amount of Rs 2.36 crores. SHG participants started viable livelihood activities like Cross breed cows, buffaloes rearing, sheep rearing, piggery, petty business, carpentry and tailoring activities. The Joint Liability Groups (JLG) has proved to be the best medium for financing landless womens, and small and marginal women farmers.

Progress as on 31.03.2016:

Sl.No	Activities	Units	Achievement
1	Talukas covered	Numbers	02
2	Villages covered	Numbers	56
3.	SHGs formed	Numbers	240
3	JLGs formed	Numbers	86
4	Number of SHGs and JLGs bank linked	Numbers	214
5	Total amount of loan availed	Rs	3.21crores
6	Repayment	%	96
7	Number of JLGs bank linked- II linkage	Numbers	16
8	Training on IGA activities	Numbers	132
9	Training on book keeping	Numbers	53

4. NABARD- FARMER CLUB PROGRAMME: NABARD initiated farmer club programme (FCP) for providing scientific agriculture technologies to farmers fields, orienting farmers to good relationship with banks, adoption of new post-harvesting technology and value addition etc.The organization is being implementing Farmer club programme (FCP) in 26 villages of Tumkur and Koratagere talukas of Tumkur district with the financial support of NABARD, Bangalore.



Details of the farmers clubs formed during the year:

Sl.No	Name of the farmer club	Village	Taluka
1.	Sri Rama farmer club	Bhychenahalli	Koratagere
2.	Sri Kadari Narasimhaswamy Farmer club	Thanganahalli	Koratagere
3.	Sri Panchalingeswara swamy Raitha Koota	Singrihalli	Koratagere

4.	Sri Ranganatha swamy Raitha Koota	Chikkadoddawadi	Koratagere
5.	Sri Rajashri Mahila Raitha Koota	Alumaradapalya	Tumkur
6.	Sri Revannasiddeswra Swamy Mahila Raitha Koota	Bytha	Tumkur
7.	Sri Lakshminarasimha Swamy Raitha Koota	Durgadahalli	Tumkur
8.	Sri Maruthi Raitha Koota,	Halugondanahalli	Tumkur
9.	Sri Laxmi devi Raitha Koota	Janupanahalli	Tumkur
10.	Sri Maruthi Raitha Koota	Kodigehalli	Tumkur

5. PROMOTION OF FARMERS PRODUCER ORGANIZATIONS (FPO PROJECT): During the current year, the organization selected as Producer organization promotion institution (POPI) for implementation of Farmers Producer Organization Project (FPO) at Yelerampura gramapanchyath of Koratagere taluka and Aregujjanahalli gramapanchyath of Tumkur taluka of Tumkur district. NABARD, Bangalore, has funded this project under Produce fund- promotion of FPOs. The objective of promotion of FPO is to improve agriculture income of farming community by providing services such as agriculture inputs, services technologies, market linkage and adopting post harvest crop/seed management, grading storage and processing technologies. The FPO project was covering 600 farmers in nine villages of Yelerampura gramapanchyath, Koratagere taluka Tumkur district and 500 farmers in ten villages of Aregujjanahalli gramapanchyath, Tumkur taluka of Tumkur district. The awareness programmes like village meetings, formation of JLGs/FIGs existing CBOs meetings, base line survey etc have been completed successfully. Formation of Board of directors and FPO registration process is under progress.



FPO project objectives:

- To organize the farmers and bring them into the Institution (FPO).
- To provide Agriculture input services to farmers on time.
- To facilitate to sell agriculture produces on bulk basis to the reliable sellers.
- To develop market linkages with wholesale traders, companies, production units and to avoid middlemen.
- To train the farmers on improved agriculture technologies and practices.
- To establish linkages with formal and informal institutions to mobilize the resources.
- To encourage farmers for value addition for agricultural produces.
- To support the farmers to produce bi-products from the agricultural produces.

**Progress as on March-2016:**

Sl.No.	Particulars	Achievement	
		Sri Marikamba FPO, Tumkur taluka	Sri Lakshmi Narasimha Swamy FPO
1.	Awareness meetings/ village meetings on FPO project	10	12
2	Existing CBOs meetings	08	10
3.	Base line data collection	130 families	141 families
4.	Formation of Farmers interest groups (FIG)	02	03
5.	Formation of JLGs	22	26
6.	Farmers share collection	146	141
7.	FPO training programme	01	01

8.	Selection of BOD	10	10
9.	Staff training	02	02

6. NABCONS- MONITORING, EVALUATION AND DOCUMENTATION OF TDF PROJECTS: The organization has selected providing services for the NABARD supported TDF project for monitoring, Evaluation and documentation of TDF projects implemented by NGOs in Madhugiri, Sira and Tumkur talukas in Tumkur district. The organization has provided the following services under this project.



- To provided orientation on TDF programme of NABARD to the field monitors
- To conducted individual WADI Monitoring implemented by project implementing agencies (PIAs) IYD.ORDER and WLARS.
- To interact with WADI farmers and recoding field data in the prescribed format
- Field level document the best practices, case studies and photo documentation
- Field data transfer in to excel sheet
- Reporting and documentation.

TDF project- WADIs monitoring and Evaluation Conducted NGO wise list:

Sl.No.	Name of NGO	Taluka	No of TDF project WADIs monitored
1.	ORDER	Sira	675
2.	IYD	Tumkur & Sira	722
3.	WLARS	Madhugiri	702
Total WADIs			2099

7. NABCONS- EVALUATION OF STREESHAKTHI SCHEME IN TUMKUR DISTRICT: The organization has selected Associate project Consultant agency for NABCON for the project Evaluation of Streeshakthi SHG scheme in nine talukas in Tumkur district. The following services were provided.

- Conducted evaluation study of Streeshakthi SHG groups in 9 talukas of Tumkur district
- Impact study on current status of SHG groups and Federations
- Impact created at socially economically and politically of SHG groups
- Impact on govt incentives on the SHG groups
- Data capturing and analysis
- Reporting and documentation.



8. TRAINING AND CAPACITY BUILDING: Training and capacity building of the communities plays a key role in the successful execution of the development projects. AVISHKAR has organized the following training programmes during the current year. Totally 633 Participants have participated in the trainings

Sl.No.	Name of the training	No of trainings conducted	No of participants participated.
1.	Innovative technologies in vegetable cultivation	03	83
2.	Soil and water conservation and Soil testing	02	56
3.	Sustainable agriculture	02	49
4.	Technical training programme on potato cultivation	01	38
5.	Organic farming -different	04	183

	composting techniques		
6	Dry land horticulture development	03	68
7	SHG concept and Book keeping	04	122
8.	Entrepreneurship development programme For SHG members	02	34

9. DETAILS OF COMMUNITY BASED ORGANIZATIONS (CBO) PROMOTED:

Sl.No.	Type of the CBOs promoted	Achievement
1	Farmers producers organizations (FPO)	02
2.	Vegetable growers association	03
3.	Joint liability groups (JLG)	86
4.	Women SHGs	240
5.	Farmer clubs	20
6.	Women farmer clubs	02
7.	Farmers interest groups	174
8.	Youth groups	04
	Total	528

Impacts:

- Increased awareness on the sustainable management of natural resources
- Awareness on in situ production of manures for organic farming
- Increased role of CBOs in village development activities- shramadan plantation, sanitation etc
- Regular functioning of SHGs, JLGs and Farmer clubs
- Farmers were slowly adopting organic farming methods.

10. PARTNERSHIP AND NETWORKING WITH DIFFERENT AGENCIES: The NGO has participated and facilitated in the various programmes organized by local NGOs, research organizations and government departments

- Facilitated PRA programme for the Krishi vigyan Kendra, (KVK) Hirehalli held at Kadaranahalli village on 18.04.2015
- Participated in the areca nut plate making entrepreneurship programme held at Krishi Vigyan Kendra, Hirehalli on 14.04.2015
- Participated Jackfruit mela held at Krishi Vigyan Kendra, Hirehalli, on 27.06.2015
- Facilitated PRA programme held at Thanganahalli village for Krishi Vigyan Kendra, Hirehalli with the on 16.06.2015
- Participated in the 5th Scientific Advisory committee meeting on 30.09.2015 held at Krishi Vigyan Kendra (KVK) Hirehalli, Tumkur district.

11. **CONSULTANCY SERVICES:** The NGO is providing consultancy and training services to the local NGOs, interested farmers and government departments. Following activities were carried out during the current year

- The organization has provided consultancy services for NRLM- Sanjeevini-SHG Project Base line survey in 12 Districts in Karnataka state.
- Provided training and consultancy services to dept of agriculture, watershed development dept, local NGOs, Krishi Vigyan Kendra (KVK) etc.

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- NABCONS, Bangalore.
- CMSR-INDIA, Hyderabad.
- DDM, NABARD, Tumkur.
- Deputy Director, Horticulture department.
- Programme co-ordinator, Krishi Vigyan Kendra, Hirehalli.
- Kaveri grameena Bank , Tumkur
- CANARA bank, Tumkur.
- All the Doners/contributors to the organization