

# ANNUAL REPORT- 2022-23



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## **FOREWORD**

We are glad to present the Annual Report of AVISHKAR NGO, Tumkur, for the year 2022-23. The organization has continued its efforts to reach more number of villages and communities to cater to the different needs of farming communities and rural women's. This has happened with the generous support of funding organizations, government departments and well-wishers of the organization.

The NABARD supported WDF watershed development project in Shivanagere watershed gave us an opportunity to build the capacity of the communities in managing their resources sustainability with suitable activities. During the year the project is benefited 327 farmers in five villages have completed soil and water conservation activities based on watershed principals about 560 hectare treated for watershed activities along with plantation and demonstration activities. The LEDP project supported by NABARD has helped to train women SHG members' skill training on tailoring and embroidery skills. Similarly, the JLGs and FPO projects of NABARD are functioning well. We sincerely express our whole hearted gratitude for NABARD, Bangalore, for giving the opportunity to serve the rural community through these projects.

The SIF organic farming project activities have been continued in 23 villages of Tumkur taluka of Tumkur district, Karnataka. The project is sponsored by Save Indian farmers (SIF), SIF- USA. The Organic farmers have adopted tree based farming in one acre each and adopted various low cost ecofriendly organic methods as a step towards sustainable organic farming. We sincerely express our whole hearted gratitude for SIF, USA, for giving the opportunity to popularize organic farming concepts in the selected villages.

Strengthening the community based organization has been continued with focus on income generation activities, linkages and convergence with line departments. Totally, 263 CBOs are functioning actively. We are happy to extend our whole hearted thanks to the farmers producers companies (FPCs), village watershed committee (VWC), farmers clubs, SHGs and other communities, local organization who have supported us in the successful implementation of all the projects during the year.

It is our pleasure to sincerely acknowledge the determined and dedicated services of the employees of the organization who worked hard to achieve the objectives of the organization. We also extend our gratitude for the well-wishers of the organization who gave valuable support and guidance for the growth and performance of the organization.

### **FIELD EXTENSION PROGRAMMES**

- 1. NABARD- WDF WATERSHED PROJECT:** The NABARD WDF project has been implementing in five villages belonging to Dodderihobli, Madhugiri taluka of Tumkur district, Karnataka. The project sponsored by NABARD, Bangalore. During the reporting year 327 farmers from five villages got support for land treatment activities like trench cum bunding, construction of waste weir, boulder bunds, farmponds, bund plantation, horticulture plantation and fodder cultivation on bunds. DLT works such as boulder checks, (BC) rubble checks (RC) have been completed. Totally 560 hectare land treated for various soil and water conservation activities. The farm ponds have helped in the recharge of bore wells and protective irrigation for horticulture crops.



#### **Project objectives:**

- ❖ To increase the productivity of land by suitable conservation measures and management of rain water, soil and biodiversity.
- ❖ To build capacity of watershed community to ensure their participation in watershed development activities.
- ❖ To increase the agricultural production by providing suitable agricultural technology, trainings and crop demonstrations
- ❖ To improve the economic level of vulnerable families by creating suitable employment opportunities.
- ❖ To ensure quality, equality and transparency by encouraging community participation in watershed works.

#### **1.2. Cumulative progress as 31.03.2023**

SL.NO.	ACTIVITIES	UNIT	ACHIEVEMENT
1.	Villages covered	Numbers	05
2.	Watershed Area	Ha	1356
3.	Village meetings conducted	Numbers	19
4.	Women SHG meetings conducted	Numbers	39
<b>Field Implementation</b>			
1	Trench cum bunding	Cmt	39218

2	Waste weir	Numbers	171
3	Boulder bund	RMT	288
4	Farm ponds	Numbers	20
5	Boulder check (BC)	RMT	83
6	Rubble check (RC)	RMT	42
7	Bund plantation	Numbers	7730
8	Horticulture plantation	Numbers	11910
9	Community farm pond	Numbers	01
10	Repair of Existing Check dam	Numbers	01
11	Livelihood activities for women SHGs	Families	53
12	Trainings & exposure visits	Numbers	39
13	Distribution of soil health cards	Farmers	250

### 1.3. Project Impacts:

- Over 560 ha land have been treated systematically, this has greatly reduced the soil erosion and increased moisture regimen in the soil and this has helped to stabilize the crop production
- Significant impact of the project has been that of groundwater recharge and increased availability of water in the existing bore wells.
- Increased fodder availability through growing of fodder in between crops and all along the field bunds.
- Increased knowledge base of the participants on diversified cropping systems and agro forestry and dry land horticulture plantation models.
- The support for livelihood activities for women landless families has resulted in the increased income.

### Case studies

**Farmer Name: Ranganathappa S/o Rangappa**

**Village: Shivanagere, Dodderihobli, Madhugiri taluka, Tumkur district.**

Ranganathappa is from Shivanagere village of Sajjehosahalligramapanchyath, which comes under Shivanagere NABARD watershed project. He depends on the dry land agriculture; he faced lot of struggle for irrigation for his dry land crops during drought situation. At this time the NABARD-WDF project started in FIP phase, he attended village gramasabha and motivated to implement the soil and water conservation activities such as trench cum bunding and Farm pond.



He used this opportunity to dig farm pond in his land. The farm pond comes under spring layer farm pond having lot of water even in summer season also. He planned for dry land horticulture plantation 40 tamarind plants in his 1.00 acre land by using farm pond water with the support of WDF project. He also grows vegetable cultivation in 5 guntaland by using farm-pond water, the farm pond activity has changed his life and transformed from poor farmer to progressive farmer. The farmer now feels happy and he says to thanks to NABARD and AVISHKAR team and realized the importance of farm pond in his land.

**Ramanna s/o late Ranganatahappa Survey # - 44- 1.5 ha farm pond measuring 9x9x3.  
Jakkenahalli, village, Dodderihobli, Madhugiri taluka, Tumkur district**

In this village in the year 2018 in survey No 44, farm pond measuring 9x9x3 was taken up and completed. By digging 6 feet water started to collect but in the year 2011 even if anyone wanted to dig a well the first sight of water was between 15 to 20 feet deep or sometimes it was otherwise or just a waste. Only after implementation of NABARD Watershed the people have started harvesting the benefits of it. The farmers have realized the benefits of having a farm pond in their land. A farmer cultivates 20 guntas of land by using the water and grows groundnut and vegetables. He also grows fodder in the three guntas of land for his animal by making use of water stored in farm pond. He also grows forestry plants by making use of this water. He also grows dry land crops such as ground nut and ragi . The farmer has realized the benefits and to day one can see the changes in the families living conditions and improvement in socio economic status.



**2. SIF - ORGANIC FARMING PROJECT:** The SIF Organic farming Project was started in 2018 covering with 160 organic farmers in 23 villages of Tumkur and Koratagere talukas of Tumkur district. The project supported by Save Indian Farmers, USA. The project objective is to motivate and support small and marginal farmers to adopt organic farming and eco-friendly agricultural practices in one acre each. 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 organic farmers in organic methods. This is achieved through promotion of innovative organic farming technologies such as vermicomposting, enriched composting, organic pesticides like preparation of Jeevamrutha, dhasaparni, etc also produced in situ. Organic farmers now cultivate crops such as millets, pulses, vegetables and horticulture crops etc with organically.



**2.1. FPO on organic farming:** During year awareness meetings and two training programmes were conducted in the organic FPO project villages. Organic farmers meetings were organized to motivate organic farmers to mobilized share amount. Vasumathi SIF Organic farmers Producers Company limited is registered under Company act 2013. Totally share amount was collected from 93 organic farmers. Two board of directors meetings were conducted and discussed about the organic FPO registration, collection of documents, share collection and establishment of office, business planning, getting PAN card, VAT, other licenses and opening of organic out let in Tumkur city.

The organic farmers sell the surplus organic agriculture products such as different types of millets, pulses, vegetables, banana etc. Vasumathi organics sales outlet started in Tumkur city to supportive in marketing of organic produces

### 2.1. Progress as on 31.3.2023.

Sl.No	Activities	Unit	Achievements
1.	Villages covered	Numbers	23
2.	Meetings with farmers/awareness programmes	Numbers	19
3	Training and capacity building	Numbers	09
4	Organic FPO awareness meetings	Numbers	12
5	BOD meetings	Numbers	04
6	Total shares mobilized from Organic farmers	Farmers	
7	Construction of vermi composting	Numbers	10
8	Jeevamrutha drums	Farmers	12
9	Trench cum bunding	Farmers	12
10	Distribution of Horticulture and forestry plants	Farmers	12
11	Distribution of fodder seeds	Farmers	08
12	Soil testing	Farmers	10
13	Demonstration on enriched composting methods	Farmers	07

### 2.2. Project Impacts:

- ❖ Increased knowledge base of the project participants on eco-friendly and organic farming systems and tree based farming systems.
- ❖ Increased fodder availability of green fodder throughout the year from fodder trees and fodder grasses.
- ❖ There is reduction in the purchase of external inputs like chemical fertilizers and pesticides and reduction in cost of cultivation.
- ❖ The crop residues and other dried biomass have been used as substrate for vermicomposting and enriched composting. Vermicompost manure and enriched composting has been used as alternative for synthetic fertilizers
- ❖ Farmers who have adopted tree based farming have started earning Rs 6000 to 10000 from sale of moringa pods and leaves.
- ❖ The forestry plants planted during the first year of the project have started to produce fodder and biomass. This has been converted into vermicompost and applied for crops.

## 2.3. Case studies

### 1.Kavitha, W/O: Ranganath,JanupanahalliUrdigerehobli, Tumkur taluka Tumkur district

Smt. Kavitha is a women organic farmer from Janupanahalli village, Tumkur taluka of Tumkur district. She has shown interest to go for organic farming methods after participating in training and exposure visits. Accordingly, she got support to purchase local cow under the SIF organic farming project. This has helped her to prepare liquid fertilizers such as Jeevamrutha, Dasaparni and vermicomposting compost etc. She is selling milk and milk products in Janupanahallivilage and getting remunerative prices. Neighbours are purchasing milk, especially local cow milk for their children from Kavitha. “Cost of maintaining local cow is less compared to cross breeds. Milk and milk products are also tasty and healthy” explains Kavitha.She expressed happiness and says to Thanks to SIF & AVISHKAR team.

### 2.Chikkanaganna, Duragadahalli, Urdigerehobli, Tumkur taluka & dist.

Chikkanaganna is a progressive organic farmer from Duragadahalli village. He has adopted integrated tree based farming practices with crops, fodder cultivation and horticulture plants. AVISHKAR has identified this farmer and suggested him to go for organic farming practices. He has shown interest to purchase local cow and concert into organic methods. SIF organic farming project has supported him for purchase of local cow. He is now selling 2 liters milk per day after home consumption. He is also preparing liquid fertilizers, vermicompost and applying for crops. He is spraying butter milk for the crops as growth promoter and getting good results. He is also selling vermicompost manure other farmers. He has become a model farmer for others in and around his village. He is also supplying vegetables and grains to Vasumathi organic outlet in Tumkur. He has expressed gratitude to SIF project andAVISHKAR for the support and guidance



**3.RPOW PROJECT (Tank de-siltation project):** The AVISHKAR working as a community Anchor NGO under RPOW project for rejuvenation of water bodies in Maduguri taluka of Tumkur district. The project sponsored by IIT for IIT, Bangalore. The following activities taken up under RPOW project.

- ❖ To build awareness about the RPOW project- de-silting of water bodies and importance of de-silting of existing tanks.
- ❖ Conducting gramasabhas and motivating the farmers about tank de-silting activity
- ❖ Identification of the needy tanks in the project villages
- ❖ Informal meetings with micro watershed project farmers
- ❖ Formation of Tank User Committee (TUC)
- ❖ Conducting training programmes for farmers
- ❖ Reporting and documentation

#### **Project progress as on 31.03.2023**

Sl.No.	Activities	Achievement
1.	No of Villages covered	03
2.	No of Gramapanchyaths	02
3.	No of Tanks desilted	03
4.	Village meetings conducted	06
5.	Tank committee meetings	09
6.	Total tractor trolleys achieved	5440
7.	Silt taken by total farmers	70

#### **Impact from the project:**

##### **Case study1**

Farmer Name: Ramya w/o Manjunatha Sodenahalli, Dodderihobli, Madhugiri taluka of Tumkur district this small farmer as before application of silt his growing ragi and groundnut after the application of 58 trolleys so land fertility improved and expected good yield the current year , she adopted intercropping farming system, crops are such as Banana, Pulses and vegetables. She felt very happy about the project support for tank silt application.



##### **Case study 2**

Farmer Name: Siddappa S/o Govindappa, Chambenahalli, Dodderihobli, Madhugiri taluka of Tumkur district. Before application of silt his growing ragi after the tank silt application of 45 trolleys so land fertility improved and expected good yield for the current season, adopted mixed cropping system, crops

are vegetables and commercial crops

**3. FARMER PRODUCERS ORGANIZATIONS (FPO) PROJECT:**AVISHKAR is implementing Farmers Producer Organization Project (FPO) supported by NABARD. The project is covering 700 farmers from nine villages of Chandragiri and Sajjehosahalli Gramapanchayath of Madhugiri taluka of Tumkur district. During the year the project taken up activities like village meetings, base line survey, shares mobilization, BOD constitution, training and capacity building exposure visits and FPO registration was completed.

### 3.1. Project objectives:

- To organize the farmers and bring them into the Institution (FPO).
- To provide inputs and services related to agriculture.
- Facilitate bulk sale and procurement of inputs for agriculture
- 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.



### 3.2. Progress as on 31.03.2022

Sl.No.	Activities	Achievement
1	Awareness meetings/ village meetings	09
2	Base line data collection	362
3	Farmers share collection	362
4	FPO farmers training programme conducted	02

5	BOD meetings conducted	03
6	BOD trainings conducted	02
7	CEO trainings conducted	01
8	FPO- farmers digitalization	360
9	Exposure visits conducted	01
10	Convergence activities/ demonstrations with KVK, Hirehalli	53

**4. NABARD- LEDP PROJECT:** Skill training on Tailoring and embroidery was organized for women SHG members from Jakkenahalli, Shivanagere, Thippanahalli, Sodenahalli, Gutte Balehalli and Singaravuthanahalli villages of Madhugiri taluka of Tumkur district. It was 15 to 17 days programme organized with the support of NABARD Bangalore, under LEDP training programme. AVISHKAR has organized the programme with the support of women SHG members. The training programme was conducted in four batches in different villages such as Jakkenahalli, Thippanahalli and Sodenahalli villages from 14.12.2021 to 26.02.2022. Totally 90 women SHG members from the seven villages have participated in the training programme. The entire four batches skill training programme was completed successfully.

#### 4.1. LEDP – Skill training programme objectives:

- The objective of this skill training programme is to encourage the SHG members for their economic development
- To encourage the SHG members to up-grade their skills through tailoring training
- To encourage the members for self development in their income and build courage for their sustainable development

Sl.No.	Activities	Units	Achievement
1.	Villages covered	Numbers	7
2	SHGs covered	Numbers	36
3.	Preliminary SHG meetings conducted	Numbers	12
4.	Batches training programme conducted	Numbers	04
5.	SHG Women attended	Numbers	90

#### 4.2. Impact of LEDP tailoring training programme.

Sl.No	Description	Number of Participants	%
1	Purchased sewing machine and started tailoring activity	37	46
2	Got employment opportunity in garment units	12	15
3	Demand for further training	09	11
4	Need financial support for the purchase of sewing machine	12	16
5	No co-operation from family members to start tailoring activity	10	12

**6. TRAINING & CAPACITY BUILDING:** The development approaches in general and the training

programmes in particular are so designed to focus on building the skills and management capacity of the participants both at the individual and collective levels. The organization main thrust is to strengthen the community based organization through training and capacity building programmes. The organization has organized the following training programmes during the current year, totally 318 farmers have participated in the trainings

Sl.No.	Name of the training	No of trainings conducted	No of participants attended
1.	Integrated farming systems	6	73
2.	Soil and water conservation and Soil testing	5	112
3.	IPM and INM in vegetable crops	2	27
4.	Preparation of Jeevamrutha	1	23
5.	Bee-Keeping	2	69
6	SHG concept and book keeping	3	56
7	Live stock management	2	42

**7. DETAILS OF COMMUNITY BASED ORGANIZATIONS (CBO) PROMOTED:** The NGO has promoted 463 community based organizations since inception and building their capacities. Summary of CBOs is presented in the following table.

Sl.No.	Type of the CBOs promoted	Achievement
1	Farmers producers company limited	04
2.	Vegetable growers association	04
3.	Joint liability groups (JLG)	73
4.	Women SHGs	162
5.	Farmer clubs	17
6.	Women farmer clubs	02
7.	Village Watershed Committee (VWC)	01
	<b>Total</b>	<b>263</b>

## 8. SUMMARY OF ON GOING PROJECTS

S.NO	Project name	Sponsored by	Project location	Villages covered	Families covered
1	Watershed Development project (WDF)	NABARD, Bangalore	Madhugiri taluka, Tumkur district.	05	963
2	SIF- Organic farming Project	Save Indian Farmers (SIF), USA	Tumkur and Koratagere talukas of Tumkur district	23	250
3	RPOW project (Rejuvenation of water bodies)	IIT for IIT, Bangalore	Madhugiri taluka, Tumkur district.	3	163
4	Farmers Producers organization (FPO project)	NABARD, Bangalore	Madhugiri taluka, Tumkur district.	09	560
5.	LEDP – Skill training programme	NABARD, Bangalore	Madhugiri taluka, Tumkur district.	07	90

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