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WATER CONSERVATION & LIVELIHOOD PROJECT FOR ENVIRONMENT CONSERVATION & COMMUNITY DEVELOPMENT

Water conservation & skill up-gradation entrepreneurship-based training for rural communities in Hassan district, Karnataka & Anantapur district, Andhra Pradesh, with a special focus on women empowerment.

Project Report, June 2022

Contents

PROJECT ACHIEVEMENTS

The water conservation and livelihood project for environmental conservation and community development was initiated in July 2021 and the following are the achievements of the project:

- Set up of 4 Aagun dryers – Installation and trainings on food drying
  - 170 community SHG members out of a target of 100 community members have been identified and trained on AAGUN technology usage.
  - Village Sanenahalli in Hassan district of Karnataka and R. Kottala in Anantapur district, Andhra Pradesh were the two locations identified for setting up of two Aagun dryers in each of the locations.
- Water conservation knowledge
  - 110 rural farmers of a target of 100 farmers have been trained on water conservation best practices in village Sanenahalli.
  - Set up of one rain water recharge system - A defunct borewell in a farmer's land was identified and borewell rainwater recharge pit was set up with contribution from the farmer.
  - Hands-on training session on how to setup a borewell recharge pit was also conducted for farmers.

BACKGROUND

1. Project purpose

The program is a strategic intervention to address some of the key issues in India's development plans which stresses upon water conservation and promotion of renewable energy and development of associated service delivery mechanisms in the country. The main objective of this project is to ensure availability of water for drinking, sanitation, livestock and agriculture for the communities and replication in other regions.

This program highlights a few development ways for encouraging entrepreneurship with specific focus on women and youth. It ensures water availability by preventing rain water runoff and provides adequate training programs, vocational training and establishes special target groups for women entrepreneurs. Studies highlight that women entrepreneurs contribute in growth of a country by two ways. Firstly, they contribute in economic growth like capital formation, improvement in per capita income and generation of employment. Secondly, they also play a major role in social contribution like balanced regional growth and improvement in living standard.

*The proposed program offers an awareness program on water conservation (recharge pits, farm ponds, roof-top rain water harvesting and the like) along with demonstration set up and training of 100 women/ community members on thermal energy storage based 24*7 dryer for food drying.*

Borewell recharge pit set up village Sanenahalli

Advit Foundation - Strength

Advit Foundation has been undertaking livelihood enhancment initiatives in the states of Haryana, Rajasthan, Maharashtra, Telengana, and Karnataka. Advit Foundation initiated its work in rural Rajasthan, in the villages in Phagi block, Jaipur district in the year 2004. More than 18 water harvesting structures have been created across 15 villages. About 2,50,000 cu m of water storage capacity was created and more than 45,000 individuals benefitted. The location of the water structures was based on the topography and village maps to ensure that the rain water runoff gets accumulated in these structures and not get lost because of runoff or evaporation loss. The area receives about 500mm of annual rainfall and in 2016's first rainfall, the structures retained considerable amount of rain water. These structures are surrounded by wells which in a few months get recharged because of the presence of water in these structures. This ensures water availability for drinking, livestock, agriculture and sanitation in the project villages.

Village Sawa ka Baas

However, there were still a considerable number of landless individuals in the villages who had no source of livelihood. The women who would previously spend a lot of their time in a day, fetching water from far off locations, now had ample time as potable water was available in the wells and hand-pumps within their village. The landless and the women required additional skills to undertake income enhancing activities.

A number of training programs were introduced that strengthened the existing skills and new skills were introduced. In 2016, a self-employment rural skill training centre, Aarohan, was set up by Advit Foundation in Phagi in village Pachala. The trainings undertaken at Aarohan include design and integration of solar home lighting systems, solar mobile charging station, usage of parabolic solar cookers and construction of fixed type solar cookers, usage and set up of Biogas systems, usage of solar dryers and solar pumps, hand-made paper bag making, tailoring, block printing, briquetting, packaging of locally grown spices, plant nursery techniques etc. Advit is committed to holistic development.

In the proposed project, Advit Foundation will replicate such a model of undertaking new skill trainings and technology demonstration for community and livelihood enhancement.

Food processing : Solar drying

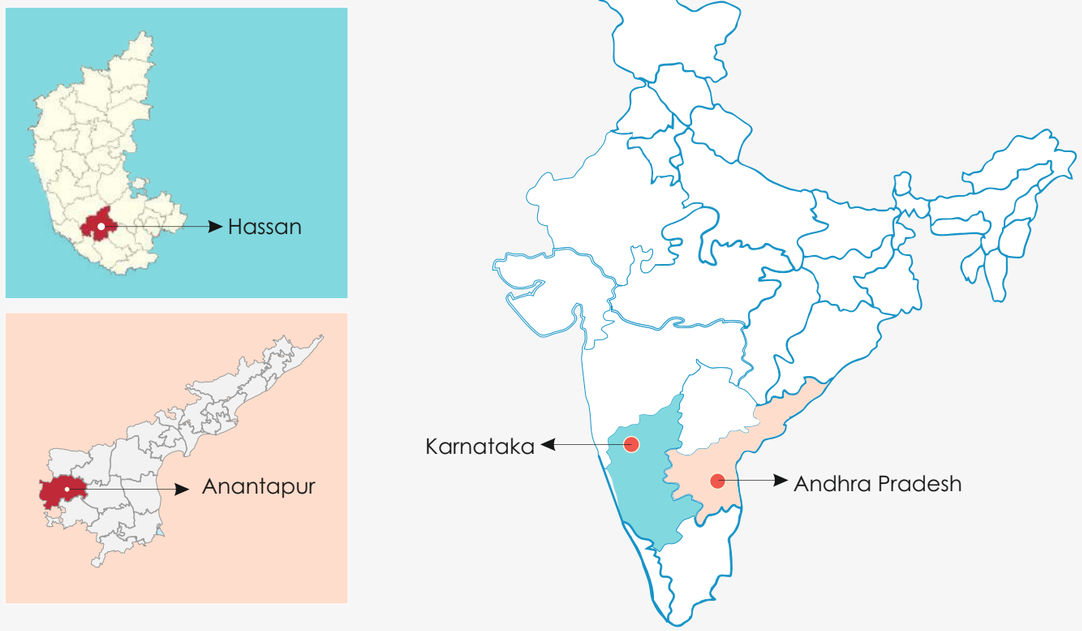
A. Village Sanenahalli, Belur Taluk, Hassan District, Karnataka

Village Sanenahalli is in Hassan district of Karnataka and this region is located on the border of the Western Ghats, in the southern part of Karnataka state. The major part of the district is in Cauvery main basin drained by Cauvery, Hemavathy and Yagachi rivers, which flow towards east to join the Bay of Bengal. Agriculture is the main activity of the people in the district. The net sown area comprises 57% of the total geographical area. Paddy, ragi, jowar, groundnut and pulses are the important agricultural crops and coffee and areca nut are the main horticulture crops. About 20.5% of the net sown area is irrigated by surface water (11.4%) and ground water (9.1%) sources. Hemavathy reservoir is a major irrigation project and Yagachi is a medium irrigation project in the district. The average rainfall in this region is 1074 mm.

B. Village R.Kottala, Vidapanakal Taluk, Anantapur District, Andhra Pradesh

Village R.Kottala lies in Anantapur district which is one of the four districts of Rayalaseema region and the largest among the 23 districts of Andhra Pradesh. The district is economically backward and chronically drought affected. The district occupies the southern part of the State and is bounded on the north by Bellary district of Karnataka and Kurnool district of Andhra Pradesh, on the East by Cuddapah and Chittoor districts of Andhra Pradesh and on the South and West by Karanataka. The geographical area of the district is 19,197 sq.km with a population of 40.83 lakhs. The population density, which was 54 persons per sq.km during 1901, has risen to 213 persons per sq.km as per 2011 census. Out of the total geographical area of 19.197 sq. km, forests cover 10% of the area. Similarly, barren and uncultivable land is 9% and land put to non-agricultural use is 8%. The total net area sown is 824955 ha. The important crops harvested in the district are paddy, jowar, ragi, chilies, sugarcane, onions and groundnut. Paddy and ground nut are the most important crops accounting for gross hectarage of 65,550 and 36,500 respectively. The average rainfall in this region is 535 mm.

Project Location



3. Basis for intervention

Omniactive works closely with farmers in both the villages. Seeds/saplings are distributed to the farmers and the produce is bought by Omniactive.

A. Livelihood initiative

Both the villages are agriculture intensive belts with lot of vegetables grown. Due to variations in the market price of these perishable commodities it's a common phenomenon every year to see a lot of tomatoes being discarded. Women empowerment through livelihood augmentation initiatives of rural communities have tremendous potential to address key developmental challenges such as socio-economic inequalities, energy access, natural resource management etc. Village Sanenahalli has a large number of SHGs who are keen on starting with various livelihood projects. Hence addressing the food wastage as well as providing livelihood opportunities for rural women through Aagun based solar drying solves multitude of problems.

B. Water Initiative

Ground water is one of the important sources both for domestic and irrigation purposes and is being exploited through large diameter dug wells, dug-cum borewells and borewells. The common ground water abstraction structures are dug wells, dug-cum-borewells and borewells and their yields mainly depends on the recharge conditions in the area. Yield potential of the aquifers in the consolidated rocks varies widely from 3 to 7 lps. Due to indiscriminate drilling of borewells, the yields have fallen drastically, lack of recharge to fracture confined aquifer and existing borewells becoming defunct and even leading to failure.

STAKEHOLDER ROLES & RESPONSIBILITIES

1. Role of implementing organization

Advit is directly involved in the implementation of this project and some of the key roles and activities include:

- Community mobilization.
- Training women on operation, maintenance and usage of the technology.
- Conduct trainings to village community for knowledge dissemination.

2. Role of Communities

The village community is actively involved in the project and has agreed to take ownership, operation and maintenance of the Aagun drying technology as well as the borewell rainwater recharge structure. Upkeep and maintenance of recharge structure will be taken care of by the village community members after the structure is handed over to them.

Few Glimpses

AAGUN dryer installation at village Sanenahalli

AAGUN dryer training at village Sanenahalli

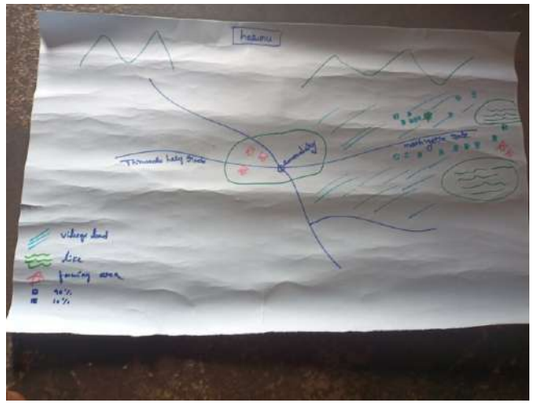
Borewell recharge installation

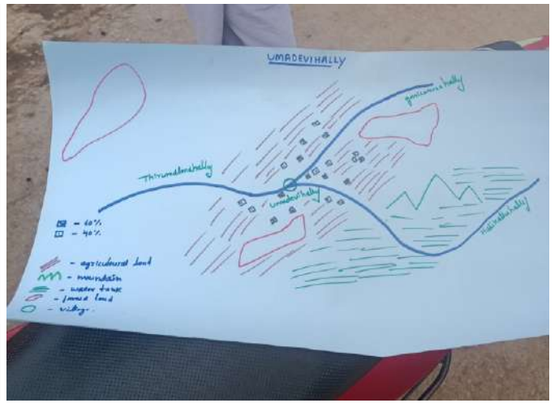





Water trainings at Sanenahalli





AAGUN dryer installation at village R. Kottala

AAGUN dryer training at village R.Kottala








PROJECT IMPACT

The project undertook skill training and entrepreneurship development among farmers with special focus on women. This project highlighted handing over of the setup borewell recharge structure to the village governing body/panchayat to ensure sustainability of the initiative.

The outcomes and impacts are as follows:

- **Environmental Impact**
  - Water conservation will be encouraged.
  - The community has been trained on the usage and adoption of a clean RE-based technology, Aagun.
  - Awareness of renewable energy alternatives could lead to the adoption of sustainable practices among the communities.
  - The project could result in a reduction in food spoilage in the target areas, indirectly leading to the conservation of natural resources such as water and energy.
- **Social Impact**
  - The community has been empowered with the technical knowledge of using and maintaining clean energy technology.
  - Women trained in community-based training could play a pivotal role in enhancing their family income and paving way for a society based on equality.
- **Economic Impact**
  - Water availability will lead to increase in agriculture production.
  - The women community members undergoing the training on demo units could take forward entrepreneurship and not undertake distress sales leading to income enhancement.
  - The communities will be able to progress from a raw food-based economy to food production and processing-based economy leading to an increase in income using environment-friendly methods.
  - Individuals with an aptitude for entrepreneurship could take forward the dryer model to produce new products for the local and export market.

PROJECT INNOVATION & SUSTAINABILITY

To ensure sustainability, the project has been handed over to the sarpanch.

Aagun dryer is an innovative technology that can be looked at as a backyard business model in households.

Technical benefits

- The novel part of the solution is the solar energy powered 24-hours continuous operation with use of PCM (Phase Change Material).
- The hybrid PCM solution eliminates the crop wastage possibilities because of weather uncertainties after-heater integration with the system.

Environmental Benefits

- Reduced GHG emissions owing to use of clean energy.
- Large tracts of lands, otherwise used for growing firewood can be saved. This corresponds to **0.2 hectares of forest** land being saved/year per system.

Social Benefits

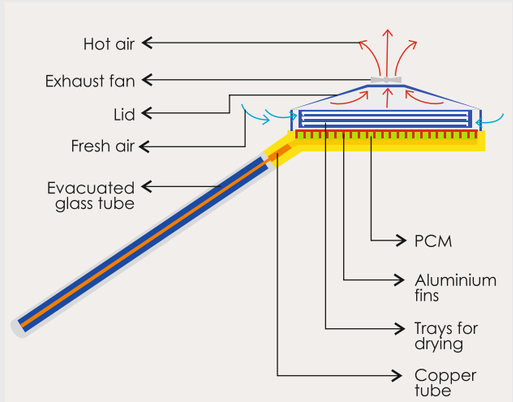
- Ensures better cleaner workspace. No open drying. The product retains it fresh look and nutrition as it dries in controlled condition for 24 hpurs.
- Doubling farmers' income.
- Employment opportunity for trained individuals.
- Entrepreneurship opportunities.

About Aagun®

Aagun® - the PCM based 24x7 dryer enables consistent drying, even after sundown. It has the potential to alter the landscape of food drying by replacing inefficient fuel based drying for industrial food processing units and improving value proposition of solar drying for commercial and domestic drying units.

The Technology

- Phase Change Material (PCM) integrated solar dryer offers an advantage of 24x7 consistent drying.
- PCMs are products/ chemicals which enable energy storage during sunshine hours in the form of latent heat.
- Efficient system design of Aagun® allows storage of solar energy in PCM which gets harnessed during non-sunshine hours. Aagun® uses low wattage fans for its efficient working.
- The thermal energy transfer occurs when the material changes phase from solid to liquid or vice versa. The latent heat of these materials is typically 100 times the specific heat. This enables large amounts of energy storage in relatively small spaces.
- Copper heat pipe sleeve is soldered to the aluminium container with PCM. The container has a low profile so heat distribution throughout it will be even.
- The container has an aluminium lid that serves as the heating surface for the fresh air entering the chamber.



Thermal Storage - Revolutionizing Solar Dryer Utilization

PLUSS® innovative efficient 24x7 dryer - Aagun® helps preserve the environment, provide higher remuneration to farmers, create entrepreneurship opportunities for women and control food inflation.

PROJECT FINANCIAL UTILISATION

The finances have been utilized as per the sanctioned amounts under the project.

B.K. Sood & Co.
Chartered Accountants

Peer Reviewed Unit

712, Eros Apartments, 56, Nehru Place, New Delhi-110019
Ph. : 26212633, 26443628, 41306199, E-mail : bksoodca@gmail.com

UTILIZATION CERTIFICATE

Certified that amount of Rs. 29,67,000/- (Rupees Twenty Nine Lacs Sixty Seven Thousand Only) sanctioned as Project Cost during the Financial Year 2021-2022 in favour of **Advit Foundation** by **Omniactive Health Technologies Limited (OMNI)** for the purpose of "Water Conservation and Livelihood project for environment conservation and community development" (Agreement Date: 7th July 2021). Out of Total Grant Rs. 20,76,900/- (Rupees Twenty Lacs Seventy Six Thousand Nine Hundred Only) has been disbursed as First Installment and Second installment of Rs. 8,90,100/- (Rupees Eight Lacs Ninety Thousand One Hundred Only) disbursed on 14/02/2022.

Further certified that Rs. 17,03,516/- (Rupees Seventeen Lacs Three Thousand Five Hundred Sixteen Only) has been spent for the purpose it was sanctioned up to 7th December 2021 and utilization certificate issued on 20/12/2021. Now further amount of Rs. 12,63,484/- has been spent for the purpose it was sanctioned up to 9th June 2022. Detailed breakup is given below:-

Certify that we have satisfied that the conditions on which the Project was sanctioned have been duly fulfilled and that we have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks Exercised:

1. No fraud, malpractice or misappropriation has been made while making the expenditures.
2. The relevant Vouchers, Bills and supporting that showing the expenditure have been checked.
3. There is a computerized accounting system so necessary entries have been made accordingly.

Expenditure Details	Amount Sanctioned	Amount Spent (Rs.)
Baseline Survey	1,00,000/-	44,872/-
Capital Cost	14,00,000/-	5,37,950/-
Training Cost	4,75,000/-	2,92,850/-
Field Operation Cost	4,57,500/-	2,87,989/-
Implementation Cost	5,34,500/-	99,823/-
Rupees Twelve Lacs Sixty Three Thousand Four Hundred Eighty Four Only	**TOTAL**	**12,63,484/-**

For B.K. Sood & Co.
Chartered Accountants
FRN: 000948N

B.K. SOOD & CO. FRN: 000948N NEW DELHI Chartered Accountants

CA B.K. Sood
Partner
M. No. 080855

Place: New Delhi
Dated: 9th Day of June 2022

Unique Document Identification Number for this document is 22080855AKPRSF4646

B.K. Sood & Co.
Chartered Accountants

712, Eros Apartments, 56, Nehru Place, New Delhi-110019
Ph. : 26212633, 26443628, 41306199, E-mail : bksoodca@gmail.com

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Further certified that Rs. 17,03,516/- (Rupees Seventeen Lacs Three Thousand Five Hundred Sixteen Only) has been spent for the purpose it was sanctioned up to 7th December 2021. Detailed breakup is given below:-

Certify that we have satisfied that the conditions on which the Project was sanctioned have been duly fulfilled and that we have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks Exercised:

1. No fraud, malpractice or misappropriation has been made while making the expenditures.
2. The relevant Vouchers, Bills and supporting that showing the expenditure have been checked.
3. There is a computerized accounting system so necessary entries have been made accordingly.

Expenditure Details	Amount Sanctioned	Amount Spent (Rs.)
Baseline Survey	1,00,000/-	55,128/-
Capital Cost	14,00,000/-	8,62,050/-
Training Cost	4,75,000/-	1,82,150/-
Field Operation Cost	4,57,500/-	1,69,511/-
Implementation Cost	5,34,500/-	4,34,677/-
Rupees Seventeen Lacs Three Thousand Five Hundred Sixteen Only	**TOTAL**	**17,03,516/-**

For B.K. Sood & Co.
Chartered Accountants
FRN: 000948N

B.K. SOOD & CO. FRN: 000948N NEW DELHI Chartered Accountants

CA B.K. Sood
Partner
M. No. 080855

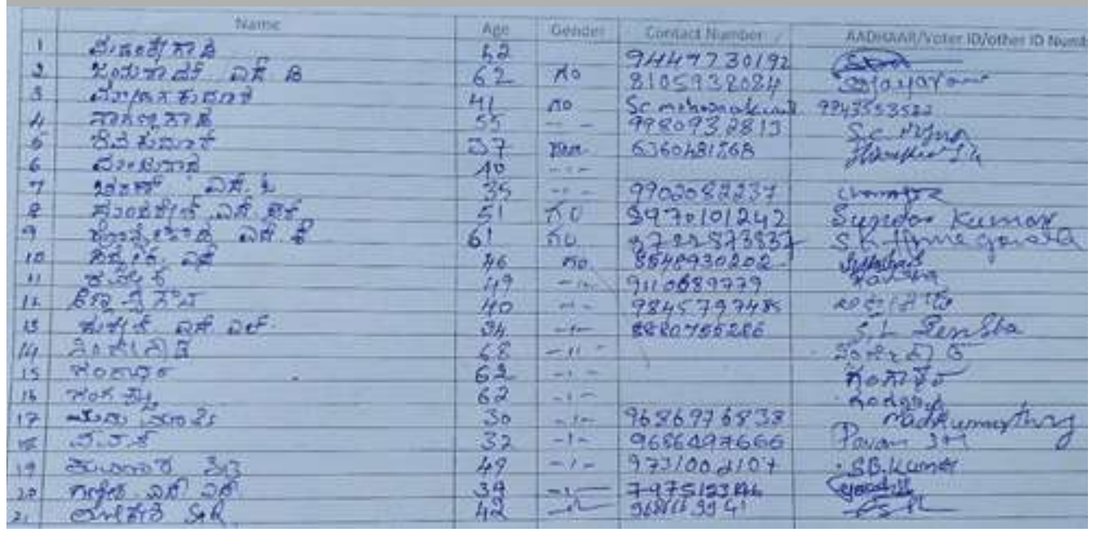
Place: New Delhi
Dated: 20th Day of December 2021

Unique Document Identification Number for this document is 21080855AAAAJC7077

ANNEXURE I

List of farmers trained in water conservation

Batch - 1



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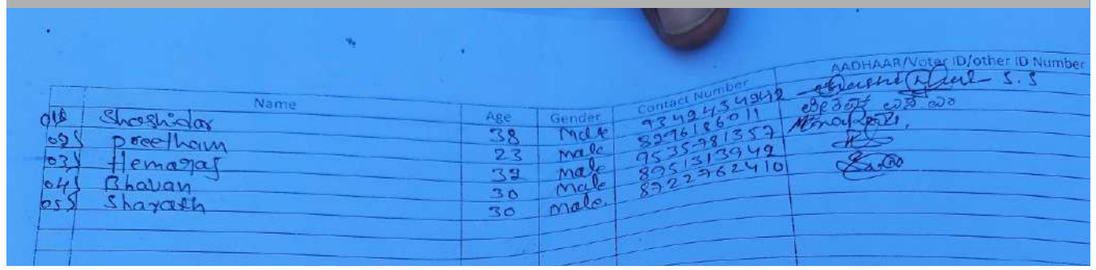

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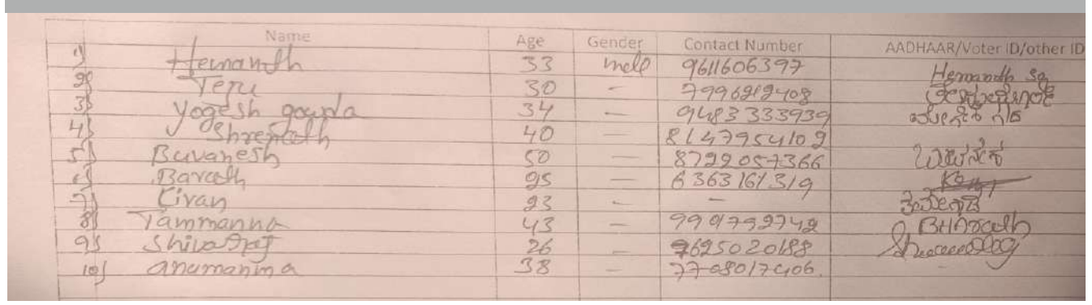

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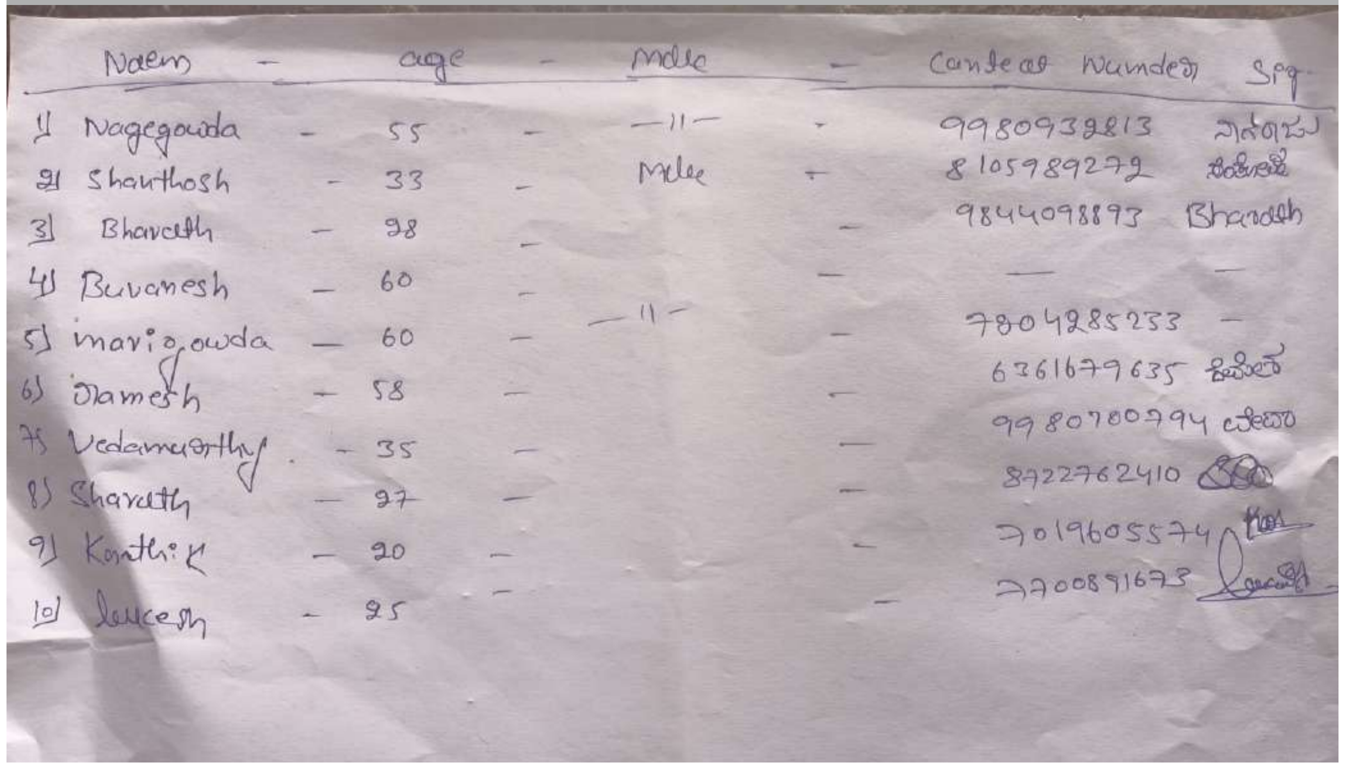
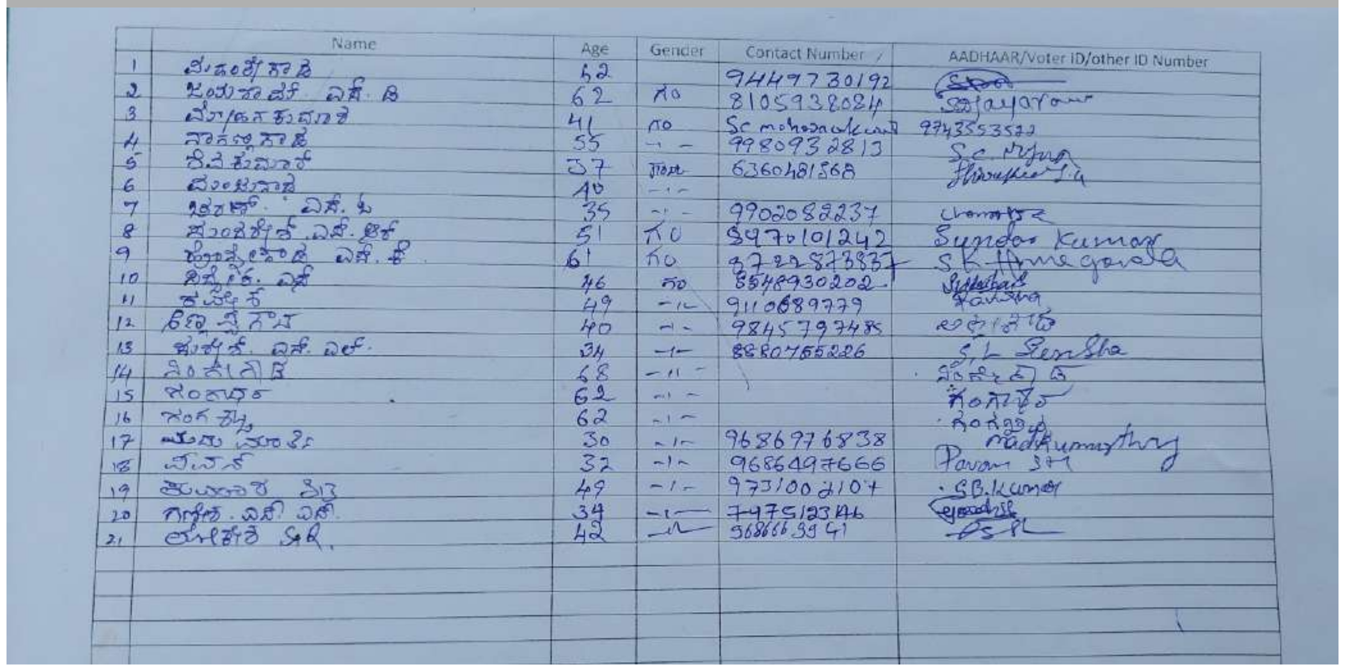


Naem	age	Male	Contact Number	Sig
1) Nagegowda	55	-11-	9980932813	[illegible]
2) Shanthosh	33	Male	8105989272	[illegible]
3) Bharath	28		9844098893	Bharath
4) Buvanesh	60		—	—
5) marigowda	60	-11-	7804285233	—
6) Ramesh	58		6361679635	[illegible]
7) Vedamurthy	35		9980700794	[illegible]
8) Sharath	27		8722762410	[illegible]
9) Karthik	20		7019605574	[illegible]
10) lokesh	25		7700891673	[illegible]

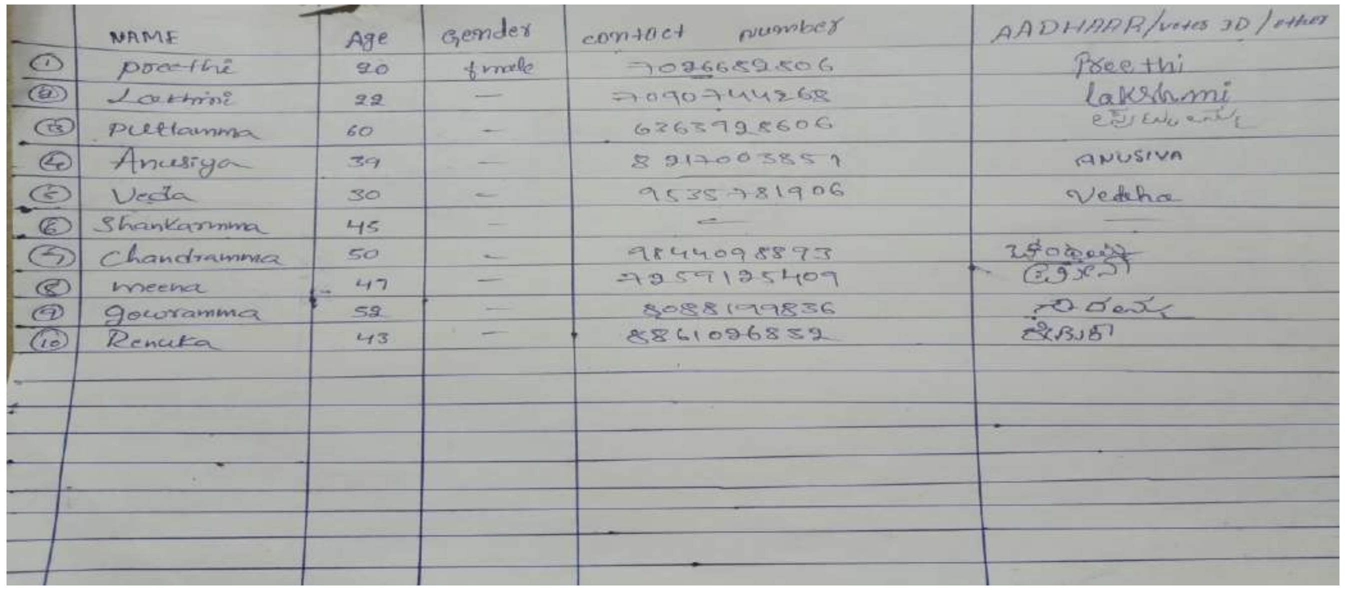
Batch - 5



	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	[illegible]	62		9449730192	[illegible]
2	[illegible]	62	[illegible]	8105938024	Jayaram
3	[illegible]	41	[illegible]	Sc mohanakumar	9743553522
4	[illegible]	55	-11-	9980932813	S.C. Nagaraj
5	[illegible]	37	[illegible]	6360481568	[illegible]
6	[illegible]	40	-11-		
7	[illegible]	35	-11-	9902082237	[illegible]
8	[illegible]	51	[illegible]	8970101242	Sundar Kumar
9	[illegible]	61	[illegible]	9722873837	S.K Hanumegowda
10	[illegible]	46	[illegible]	8548930202	[illegible]
11	[illegible]	49	-11-	9110689779	[illegible]
12	[illegible]	40	-11-	9845797485	[illegible]
13	[illegible]	34	-11-	8880765226	S.L Seesha
14	[illegible]	68	-11-		[illegible]
15	[illegible]	62	-11-		[illegible]
16	[illegible]	62	-11-		[illegible]
17	[illegible]	30	-11-	9686976838	Madhumurthy
18	[illegible]	32	-11-	9686497666	Pavan SM
19	[illegible]	49	-11-	9731002107	S.B.Kumar
20	[illegible]	34	-11-	7975123146	[illegible]
21	[illegible]	42	-11-	9686639941	[illegible]

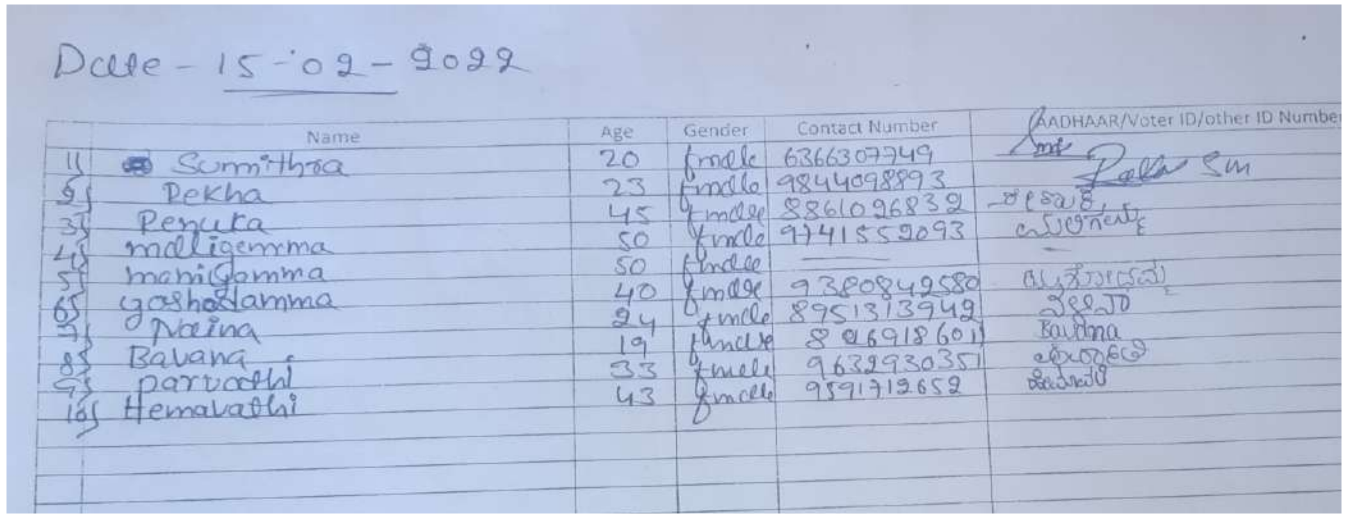
ANNEXURE II

List of women SHGs participated in the training



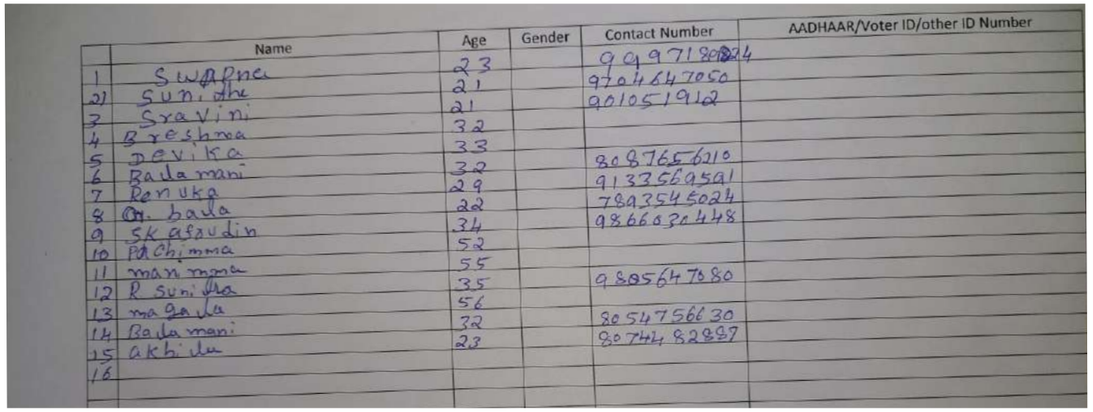
	NAME	Age	Gender	Contact number	AADHAAR/voter ID/other
1	preethi	20	female	7026659506	Preethi
2	Lakshmi	22	—	7090744268	lakshmi
3	Puttamma	60	—	6363792606	[illegible]
4	Anusiya	39	—	8217003857	ANUSIYA
5	Veda	30	—	9535781906	Vedha
6	Shankaramma	45	—	—	—
7	Chandramma	50	—	9844098893	[illegible]
8	meena	47	—	7259125407	[illegible]
9	Gowramma	52	—	8088199836	[illegible]
10	Renuka	43	—	8861096832	[illegible]

	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other
1)	Nayana	19	female	7996951665	Nayana
2)	ashwini	28	female	9741191381	Ashwini
3)	hema	34	female	8431512889	[illegible]
4)	gowramma	39	female	9902177791	[illegible]
5)	Kamalamma	51	female	6360697304	[illegible]
6)	mallamma	50	female	—	[illegible]
7)	gangamma	43	female	9611377048	[illegible]
8)	gangamma	40	female	9731173471	[illegible]
9)	Sushmma	35	female	8197250965	SUSHMA
10)	Jaya	43	female	6369852603	[illegible]

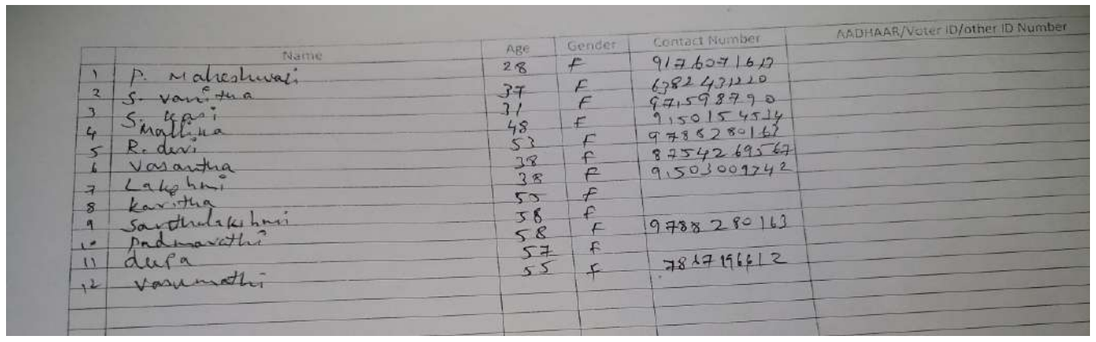


Date - 15-02-2022

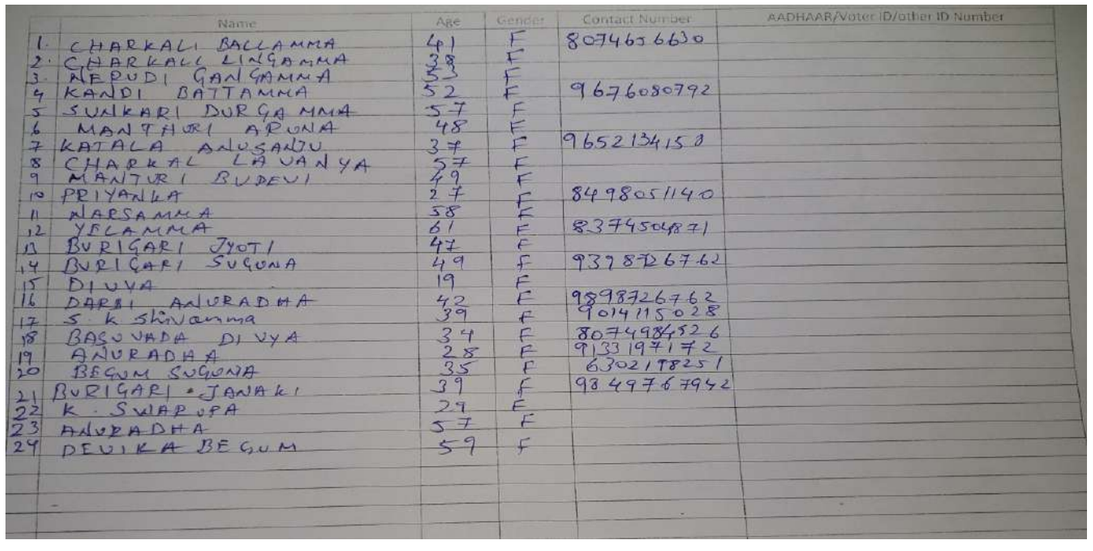
	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1)	Summithra	20	female	6366307749	[illegible]
2)	Rekha	23	female	9844098893	Rekha SM
3)	Renuka	45	female	8861096832	[illegible]
4)	malligamma	50	female	9741552093	[illegible]
5)	maniGamma	50	female	—	—
6)	yashodamma	40	female	9380842580	[illegible]
7)	Naina	24	female	8951313942	[illegible]
8)	Bavana	19	female	8026918601	Bavana
9)	parvathi	33	female	9632930351	[illegible]
10)	Hemavathi	43	female	9591712652	[illegible]



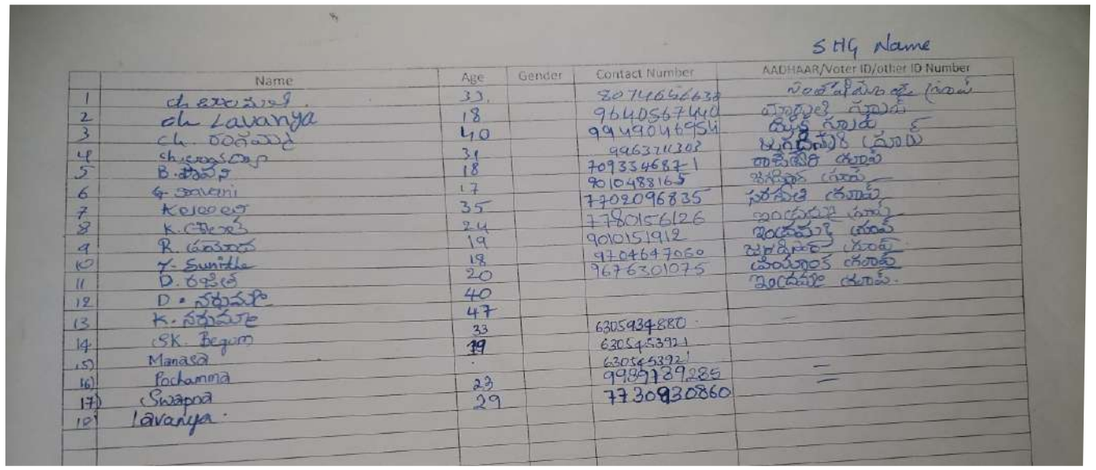
	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	Swapna	23		9 9 9 7 1 8 0 2 4	
2	Sunitha	21		9704647050	
3	Sravini	21		9010519128	
4	Breshma	32			
5	Devika	33			
6	Balamani	32		8087656210	
7	Renuka	29		9133569591	
8	G. bala	22		7893545024	
9	SK afsudin	34		9866032448	
10	Pachimma	52			
11	manimma	55			
12	R Sunitha	35		9805647880	
13	nagaraju	56			
14	Balamani	32		8054756130	
15	Akbidu	23		8074482897	
16					



	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	P. Maheshwari	28	f	9176071617	
2	S. vanitha	37	F	6382431220	
3	Sujatha	31	F	9715987990	
4	Mallika	48	f	9150154514	
5	R. devi	53	f	9788280163	
6	Vasantha	38	f	8754269567	
7	Lakshmi	38	f	9150300 1242	
8	Kavitha	55	f		
9	Savithalakshmi	38	f		
10	Padmavathi	58	f	9788280163	
11	Durga	57	f		
12	Vasumathi	55	f	7817196612	

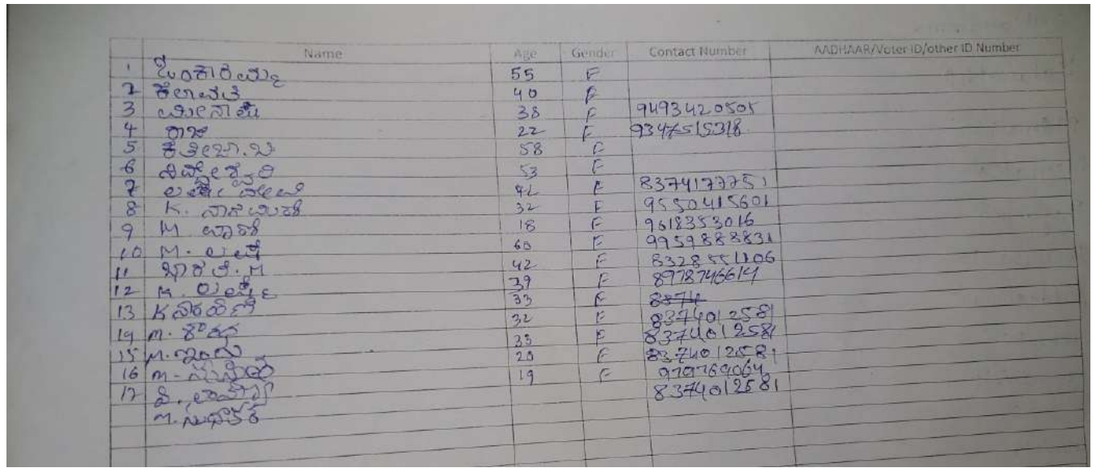


	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1.	CHARKALI BALLAMMA	41	F	8074636630	
2.	CHARKALI LINGAMMA	38	F		
3.	NEPUDI GANGAMMA	53	F		
4	KANDI BATTAMMA	52	F	9676080792	
5	SUNKARI DURGAMMA	57	F		
6	MANTHURI ARUNA	48	F		
7	KATALA ANUSANJU	37	F	9652134150	
8	CHARKAL LAVANYA	57	F		
9	MANTURI BUDEVI	49	F		
10	PRIYANKA	27	F	8498051140	
11	NARSAMMA	58	F		
12	YELAMMA	61	F	8374504871	
13	BURIGARI JYOTI	47	F		
14	BURIGARI SUGUNA	49	F	9378726762	
15	DIVYA	19	F		
16	DARSI ANURADHA	42	F	9898726762	
17	S k Shivamma	39	F	9014115028	
18	BASUVADA DIVYA	34	F	8074984526	
19	ANURADHA	28	F	9133197172	
20	BEGUM SUGUNA	35	F	6302178251	
21	BURIGARI JANAKI	39	F	9849767942	
22	K SWAPNA	29	F		
23	ANURADHA	57	F		
24	DEVIKA BEGUM	59	F		

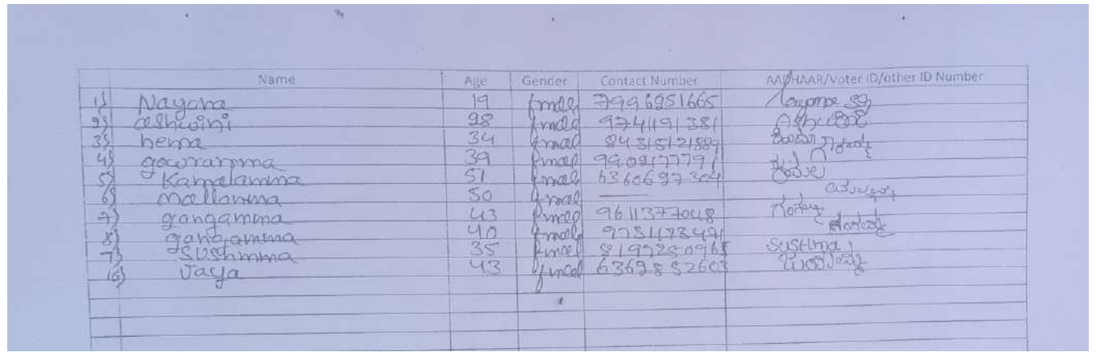


SHG Name

	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	ch [illegible]	33		8074656634	
2	ch Lavanya	18		9640567440	
3	ch. [illegible]	40		9949049454	
4	ch [illegible]	31		9963711302	
5	B. [illegible]	18		7093546871	
6	G. [illegible]	17		9010488165	
7	K [illegible]	35		7702096835	
8	K. [illegible]	24		7780156126	
9	R. [illegible]	19		9010151912	
10	Y. Sunitha	18		9704647050	
11	D. [illegible]	20		9676301075	
12	D. [illegible]	40			
13	K. [illegible]	47			
14	SK Begum	33		6305934880	
15	Manasa	19		6305453921	
16	Pachamma			6305453921	
17	Swapna	23		9989389285	
18	Lavanya.	29		7730930860	

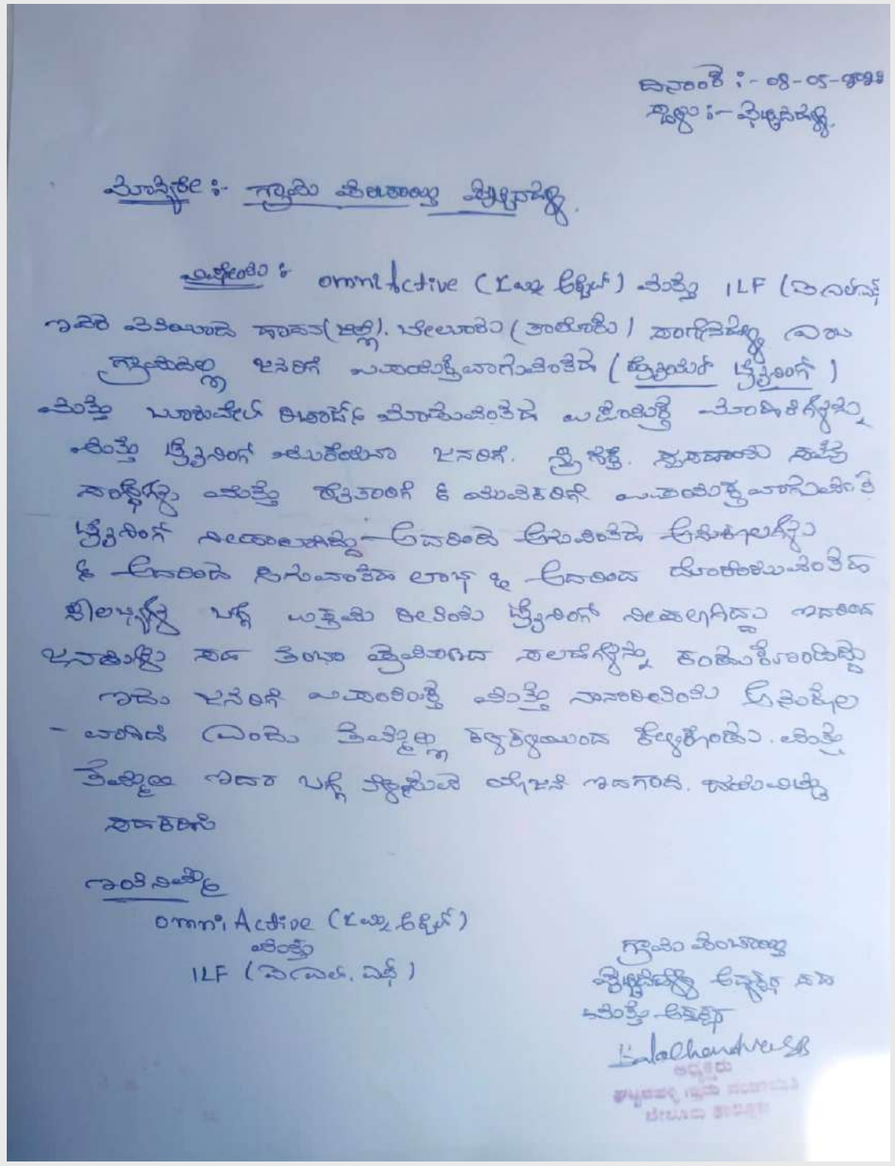


	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	[illegible]	55	F		
2	[illegible]	40	F		
3	[illegible]	38	F	9493420501	
4	[illegible]	22	F	9347515318	
5	[illegible]	58	F		
6	[illegible]	53	F		
7	[illegible]	42	F	837417775 1	
8	K. [illegible]	32	F	955041 5601	
9	M. [illegible]	18	F	9618353016	
10	M. [illegible]	60	F	9757883831	
11	[illegible]	42	F	8328551106	
12	M. [illegible]	39	F	8978746614	
13	K [illegible]	33	F	8374	
14	M. [illegible]	32	F	837401 2581	
15	M. [illegible]	23	F	837401 2581	
16	M. [illegible]	28	F	837401 2581	
17	[illegible]	19	F	9707886064	
	M. [illegible]			837401 2581	



	Name	Age	Gender	Contact Number	AADHAAR/Voter ID/other ID Number
1	Nayana	19	female	7996951665	
2	Rishwini	98	female	9741191381	
3	hema	34	female	8451512884	
4	gouramma	39	female	9908477779	
5	Kamalamma	51	female	8360697304	
6	Mallamma	50	female	—	
7	gangamma	43	female	9611377048	
8	Gowramma	40	female	9731478497	
9	Sushmma	35	female	8197289948	
10	Vaya	43	female	6369852603	

LETTER FROM SARPANCH



Translation of content of the Sarpanch's letter

Brief gist of the letter issued by gram panchayat

Village Sanenahalli - Kannada

We thank Omniactive and Advit foundation for setting up AAGUN dryers and borewell recharge unit at village Sanenahalli. Women and farmers were trained on the usage of the dryer and the need for water conservation. We request more such training to be organised. Though government has a borewell recharge program, not many in our village are aware of it. A borewell recharge unit in our village has been really helpful. Many farmers are ready to setup recharge units in their borewells. We thank Omniactive once again for providing us with these systems and conducting the trainings.

ANNEXURE III

ADVIT FOUNDATION – Brief Profile

Advit Foundation (www.advit.org) is a not for profit development organization, working on Conservation of Environment Resources and Livelihood Enhancement. Advit has sought to conserve environment and empower communities on how one can manage behaviour and ecosystems to live sustainably.

Advit is the managing partner for the Solar Information Centre at The National Institute of Solar Energy Gwal Pahari under Ministry of New and Renewable Energy, GoI. is a training partner with the Skill Council for Green Jobs and NSDC, GoI for Solar Electronics and runs a solar training centre with HARTRON. Advit was the state nodal partner managing the Rajiv Gandhi Renewable Energy Park in Gurgaon for Haryana Government from 2009 - 2015. With a vision of promoting approaches to sustainability, Advit's work focuses on water conservation, renewable energy promotion, skill up-gradation, and entrepreneurial trainings. This is achieved using study of traditional practices, identification of new technology and improved communication tools to undertake environment education and conservation initiatives. The programs are made replicable through outreach programs and information sharing.

Advit operates through the following program areas.

CONSERVATION

The water conservation initiative ensures water availability for drinking, sanitation, agriculture and livestock. As the water scenario improves in the region, the scope and the need for other development activities emerge. The success indicators measured are developed degraded lands, overall socio-economic development of the poor, mitigating drought conditions, employment generation and poverty alleviation.

ENVIRONMENT

The program is a strategic intervention to address some of the key issues in India's renewable energy development plans which stress upon promotion of the use of renewable energy/ clean energy and development of associated service delivery mechanisms in the country. The program will enable a strong, diverse, and well trained solar workforce. This program ensures that solar instructors are well connected to solar employers, and vocational and engineering students are trained to help increase solar adoption and improve solar installation.

LIVELIHOOD

New skills are introduced and existing ones are upgraded among the community. Advit team closely works on skill upgradation for climate change adaptation with communities as well as farm-based livelihood organisations. In a country like India where poverty, lack of nutrients, post-harvest losses, and gender inequality still prevails in the agricultural sector, it is important to address the issues with a promising approach and technology to create an economically aligned community.

EMPOWERMENT

The initiative undertakes Environment Awareness, Action and Occupational safety programs among school children, community members and industrial shop floor workers. The efforts are to enhance knowledge on how natural environments function, and particularly, how human beings can manage behavior and ecosystems to live sustainably. The program also designs and undertakes planning and impact assessment of development projects.

A FEW GLIMPSES OF ORGANIZATION'S WORK

- A FEW GLIMPSES OF ORGANIZATION'S WORK
- Design and construction of micro watersheds/ water conservation models. Have undertaken more than 18 water conservation structures in more than 25 villages in Phagi, Mandore, Rothwara, Dudu blocks in Rajasthan and Amravati (Maharashtra), Medak (Telangana), Kolar (Karnataka).
- Undertaking Solar Electrical Training with certification from NSDC and Green Council for Skill Jobs. Trained more than 2000 candidates since 2013.
- B.Voc training partner with TISS for undertaking Solar Electrical Training.
- Set-up Aarohan – rural self-employment training centre, at village Pachala in Phagi, Rajasthan.
- Electrified more than 2500 households in the rural parts of Rajasthan and Haryana using solar home lighting systems.
- Designed and implemented water neutrality of Collectorate office in Alwar.
- Undertaking holistic village development in Phagi.
- Undertaking safe chemical handling trainings for workers of apparel, metal, leather and accessories industries all over India.
- Implemented occupational health and safety trainings for 25 carpet weaving industries in Panipat, Haryana.
- Runs an environment education and school upgradation program - Prakriti Eco School program.
- Undertaken solar electrification of forest guard cabins at Pench and Bandhavgarh forest reserves in Madhya Pradesh.
- Undertook revival of handloom clusters in Kerala post floods in 2018.
- Distribution of 100 energy efficient cooking stoves in Phagi, Rajasthan.
- Facilitated set-up of community toilets in 5 villages in Phagi, Rajasthan.
- Facilitated set-up of large scale drinking water system in Behror, Haryana.
- Facilitates industries to comply with environment standards – undertakes energy efficiency trainings, audits and other resource conservation methods for various industrial processes.
- Implemented roof-top rain water harvesting for buildings. Designed and constructed 3 large models for institutions in Gurgaon.
- Prepared guide book on energy efficiency and carbon responsibility for apparel industries – Knowledge Book. Supported by GIZ.
- Implemented a Village Development Programme for NABARD at village Meoka, Haryana.
- Undertaking training for SHGs under Rural Livelihood Mission for food processing through drying.

AWARDS

- Advit Foundation is empaneled with TISS CSR Hub.
- Advit Foundation is empaneled with NGO Darpan and the National CSR Hub of the Indian Institute of Corporate Affairs, MCA.
- Empaneled with Skill Council for Green Jobs.
- Awarded the first CII beyond the Fence Project award for an industry in Rajasthan in 2009.
- Awarded the Impact Award for Skill Development at the Impact Conclave by Sambodhi, in partnership with Bill and Melinda gates Foundation, SIDBI, YES Bank in 2016.
- Managing Partner - Haryana Renewable Energy Development Agency (HAREDA) from 2009-2015.
- Managing Partner - Centre of Excellence on Solar Electronics at National Institute of Solar Energy, MNRE, Govt. of India.
- Training Partner - Green Skill Sector Council and NSDC, GoI. for Solar Electronics.
- Training Partner - HARTRON (Haryana State Electronics Development Corporation Ltd.) for Solar.
- Training Partner – TISS Mumbai B.Voc on Solar Electrical.