AMPYR REPORT 2023-24

During 2023-24 the AMPYR further strengthened its resolve to enrich people lives in the communities with the customized social development programmers for inducting inclusive prosperity in to their geography as well as for improving the community in our geographical areas of operation in Sulekal Gram Panchayat region. Encompassing our focus areas of Health Care, Nutrition, Safe drinking water, Sanitation and wash, Livelihood, Education support and Agriculture and developing need based infrastructure of our Communities and empowering them to manage the Natural Resources. Along with AMPYR, Sarvodaya IRDS, was able to achieve what it strived for in 2023 with the mandate for the community.

Our Key focus areas for the year 2023 have been:

Community Development program - SULEKAL Project

- ➤ Safe Drinking Water
- ➤ Agriculture
- > Education
- ➤ Health
- ➤ Women Empowerment

Demographic data features of the village: According to Census 2011 information the location code or village code of Sulekal village is 601590. Sulekal village is located in Gangawati taluka of Koppal district in Karnataka, India. It is situated 16km away from sub-district headquarter Gangawati (tehsildar office) and 50km away from district headquarter Koppal. As per 2009 stats, Sulekal village is also a gram panchayat.

The total geographical area of village is 1395.76 hectares. Sulekal has a total population of 2,454 peoples, out of which male population is 1,229 while female population is 1,225. Literacy rate of sulekal village is 44.01% out of which 53.30% males and 34.69% females are literate. There are about 451 houses in sulekal village. Pincode of sulekal village locality is 583283.

Particulars	Total	Male	Female
Total Population	2,454	1,229	1,225
Literate Population	1,080	655	425
Illiterate Population	1,374	574	800

SAFE DRINKING WATER:

Its aim to provide access to clean drinking water for the underprivileged in Sulekal Gram Panchayat. The project envisages betterment of the quality of lives of students. Life is enhancing the quality of life of students in these schools as unsafe water is the root cause for the most of the health hazards and fatal diseases affecting young children, and particular those from the underprivileged sections in the country. These children are more susceptible to the water born -borne diseases and the project is helping to realize one of their distant dreams by making clean drinking water available to them.

In addition to this, a comprehensive maintained and servicing protocol has been prepared for ensuring the ongoing success of the project. This includes fortnightly inspection, cleaning of raw and treated water tanks, rinsing and flushing of microns filters. Apart from emergency breakdown and repair service. The existing schools which have already been renovated, the project support by AMPYR so that every children gets access to potable water.

These schools are having bore wells & were using the bore water for domestic purpose. The TDS of raw water are as follows:

Sl No	Venue	Raw (TDS)	Filter
1	Kalkeri Primary School	1850	70
2	Kalkeri High School	2000	260
3	Sulekal Urdu School	1280	170
4	Sulekal School	1620	85

RO units of 100 LPH has been provide at Sulekal Govt School and Kalkeri Government School and the old RO unit of 50 LPH has been shifted from Sulekal School to Kalkeri High School. Plumbing & Electrification support has been done in Sulekal School, Kalkeri Government Primary & High School. In addition to it, SS Water storage tank has been provided at Sulekal Urdu School.





IMPACT:

- Over 1000 student's benefits from the RO units installed in the schools.
- ❖ Safe drinking water availability has increased 98% school attendance of students.
- * Decrease in water borne diseases among school students and communities.
- ❖ Awareness on safe drinking water has been delivered by teachers in the school, so water consumption is increased.





CASE STUDY OF SAFE DRINKING WATER

Name of the School	Government Primary
	School, Sulekal
Strength of the Students	367
Village name	Sulekal



Introduction

People were without access to safe and affordable water, because much of the ground water here has excessive levels of salt as well as high level of contamination because of nearby industries. Consequently water related sickness was there. Drinking untreated water has often led to diseases. Apparently it was more affected in the summer season.

Before our intervention attendances of students was 30-40% & were facing health issues like vomiting, diahorrea and throat infection. While collecting information for the case study, I was encircled by the School authorities, that the RO LPS is not sufficient for this school as there are more number of students in Sulekal Government School. The fluoride level of water was above the permissible level of the WHO it was 1300 TDS. As per the guidelines of WHO the permissible level of drinking water is below 500. Hence as there was lot of fluoride, there was substantial amount of fluoride and other particles which was not permissible for drinking; hence there were problems like vomiting, diahorrea, throat infection & flourasis. So considering all the above aspects we intervened in doing this activity.

Journey of hardship encountered without pure water

As a part of our intervention we have given awareness on Safe drinking water by our resource person to the school and synchronized communication & organized Health camps for children.

Overwhelmed by unbound happiness

Mr Siddharooda Banakar Head Master said when he heard that AMPYR has agreed to provide an RO unit of 100 LPS to our school; I was stunned for few minutes. The School authorities expressed their thanks and gratitude on behalf of the whole school and reiterated that the contribution of AMPYR is colossal benefit. Since water is life and we are very happy by this provision.

Impact

After the installation of the RO, our children have overcome about our health issues, so far no complaints from any of our school children, & maintain good health. Considering the health aspect there is increase in attendance.

And they are getting safe drinking water they are able to focus on their studies, sports and extra-curricular activities.

AGRICULTURE:

Most of the population belongs to the lower middle class or lower class.

Majority people fall under BPL category.

The major source of income is through the agriculture & agricultural labour and shops and business. More than 85% are small farmers and not aware of and not accessing the Govt. Welfare schemes or financial assistance provided for them in village. In agriculture they mainly grow Groundnut, Sunflower, maize, Millet & Tur dal.

The farmers don't have enough knowledge about Integrated Farming System with Rain Water Harvesting & were having less access to Veterinary camps in their local place. In addition AMPYR & SIRDS, Conducted the veterinary camp in Sulekal & Tippanal & created an enabling Environment, with support of Veterinary Department & Village leaders.

















Impact

The camp was organized as the infertility and skin problems were in cattle's and were a demand from the villagers for the camp, and achieved by reaching out over 666 cattle' in 2 Veterinary camp

EDUCATION

Average literacy rate in Koppal district as per census 2011 is 78.03 % of which males and females are 85.48 % and 70.59 % literates respectively. SDMC in the select village is inactive and needs to be strengthened. There are total 6 schools in project area are as follows:

Sulekal - 2 Schools (Govt Primary School & Urdu School)

Benakanal - 1 School (Govt Primary School)

Tippanal - 1 School (Govt Primary School)

Kalkeri – 2 Schools (Govt Primary School & Govt High School)

Our Key focus areas at schools are:

- Smart Room Support
- Library Support
- Sports Material Support

In a smart classroom, teachers act as facilitators to help students think critically, discover and master new concepts, and focus on each student's needs, abilities, and learning styles. So considering the following we have provided smart class room support in Benakanal & Sulekal Urdu School.

Some advantages of smart classrooms include:

- Interactive sessions for students
- Less distraction learning
- Eco-friendly classes
- Motivates students
- Time saving for students

Impact

As the world continues to evolve in the digital age, education must evolve alongside it. Smart education is not just a trend; it's a necessity. It empowers students

with skills that are relevant to the future, promotes inclusivity and accessibility, and leverages the capabilities of technology to enhance learning experiences. By embracing smart education, we can better equip the next generation to face the challenges and opportunities of an ever-changing world. We can see the students showing interest in learning by seeing in these schools. More than 150 children are benefited by this support.







We have provided syllabus for the same at both the schools. And the third Smart room was installed in Digital Library as the request came from Gram Panchayat.

In addition to supporting academic achievement, the school library plays a crucial role in expanding students' knowledge base. Books, magazines, newspapers, and other informational materials offer various information on various topics. Libraries are at the forefront of defining the future of education, from giving access to digital materials and online learning platforms to delivering programs that promote literacy and critical thinking abilities. To support the noble cause we supported in providing library books in all the four villages (4 schools) & books & rack support in Sulekal & Benakanal School. (2 schools)







Sports materials include items like balls, bats, and playing cards. Sports equipment can include items like nets and exercising cycles. Sports equipment can be used as protective gear or to help athletes play a sport. Sports gear can help protect athletes from the elements and provide them with support and protection. Here are some things we considered when providing sports material in schools:

- Sports equipment were mixture of materials, such as metals, ceramics, polymers, and composite concepts.
- Sports materials: Sports materials included items like balls, bats, and tenecoit.
- Physical fitness: Sports and games which help keep students fit and fine, and increase blood flow in the entire body.
- Immunity: Playing outdoor sports can increase the immunity of the body.
- Teamwork skills: Physical activity can provide students with a platform to showcase their talents and develop teamwork skills.

Considering the above aspects we have provided them the following sports materials to keep our students fit and fine.

SI No	Sports Materials	SI No	Sports Materials	SI No	Sports Materials
1	Volleyball	11	Volleyball net	21	Shuttlecock
2	Carrom board 32'	12	Throw ball net	22	Shuttle Rockets
3	Cricket bat	13	Football	23	PVC disc
4	Chess board	14	Throw Ball	24	Handball
5	Racket set	15	Tennicoit ring	25	Board games
6	Cricket ball	16	Jump rope thread	26	Carom coins
7	Shot put	17	Whistle	27	Knee caps

8	Discuss throw	18	Bicycle pump	28	Anklets
	Javelin throw				
9	bamboo	19	Carom powder	29	Shot-put
10	Stumps	20	Handball	30	Ludo

HEALTH:

Our goal was to improve to access to quality Health care Organized 3 Community & 3 General School health camps in the project area with the support from Primary Health Centre, Community Health Centre, Department of Health Koppal Department of women and child welfare Department, KS Hospital, Secure Hospital, Koppal & Saptagiri Hospital Bangalore.

Team of doctors with the staff were part of these health camps and services ranging from Eye care, Gynecology care, Pediatric, Cardiology, Neurology, Orthopedic care, ECG, Sugar test along with general health, were provided during these camps for women, Children, and general population of the villages in and around our project area.

Rationale:

One of the major issues that affect the health seeking behaviour of general public is the financial constraints and availability of better hospice facility within the reach of villages. Most of the good hospitals settings are normally priced very high and facilities themselves are in big cities. Only people who can afford with better access for mobility take time to get the health care availed in these settings. However, this becomes very difficult for those with people with limited financial and mobility resources.

Poorer individuals also live in more dangerous neighbourhoods and are more likely to eat unhealthy food and engage in risky or unhealthy behaviour, all of which contributes to poorer health.

Thus, the entire health seeking behaviour itself takes a toll and people remain unwell for longer periods and most often seek advanced or better care only when the case worsens which in most cases become difficult to treat.

In order to address these issues, AMPYR Renewable Energy Resources Eleven Pvt Ltd organized Free Community Health Camp for the villagers in association with KS Hospital, Koppal in association with Sarvodaya IRDS along with Local Support to look into various health issues among villagers.

Pre Publicity:

To make this noble cause a successful, we had series of meetings and prepublicity activities days ahead of the scheduled camp date was done by our team along with AMPYR officials. Meetings with the civil administration, Gram Panchayath members and SDMC members, Head Master were done so as to finalize the date and to conduct the Free Community Health Camp. We had meetings with K S Hospital, Koppal to get their consent, support and other necessary assistance for the camp. As the regular Health initiatives programs of SIRDS in rural areas, we organized Health Camp on 28th August 2023 with the support of AMPYR Renewable Energy Resources Eleven Pvt Ltd & KS Hospital, Koppal. This camp has been organized in Urdu Govt Primary School, Sulekal. The Health Camp program was initiated with pre publicity through door to door visit, advocacy meetings with ASHA workers, Anganwadi Teachers & village leaders.

The schedule of the camp was finalized in consultation with the community leaders, elected member and officials and information sharing and consultation with beneficiaries.

Sl	Designation/ categories	Purpose of the	Meetings/discussions outcomes	
No	of people attended	meeting/discussion	(decisions/learning etc.)	
1	Gram Panchayath	Invitation	Invited them for the camp	
2	SDMC team and school	Support for the camp	Agreed for the date, place and the	
	Head Master		services	
2	KS Hospital, Secure	Request for supporting for	Resulted in getting the support for	
	Hospital Koppal &	the camp and Seeking	the camp with 2 specialized doctors	
	Saptagiri Hospital	expert doctors	& their team of para-medicals and	
	Bangalore		volunteers for the camp.	
4	AMPYR Renewable	Support for the camp	Provided financial Support for the	
	Energy Resources		Mega Camp	
	Eleven Pvt Ltd			

We have also organized the following programs under the access to health initiative in 2023-24 in the project area:

- Organized 3 Community Health camps & 3 General School Health camps covering more than 350 patients treated or investigated and provided treatment & 500+ students were benefitted by this General Health Check up.
- Awareness program on breast feeding for lactating and pregnant women which covered more than 250 beneficiaries from 4 villages.
- Organized 4 Nutritional Program reaching out 118 vulnerable women
- As part of improving and promoting safe periods 6 menstrual hygiene programs were organized covering young adolescent girls.

- Promoting healthy development of the infants and toddlers, we have organized 2 Healthy baby competitions that were benefitted 96 kids below the age of 6 years and their mothers.
- Access to renowned physicians with national and international accolades for interactions with the Village community to help improve the health seeking behavior.
- 6 Awareness programme on NCD and Personal Hygiene & Maternal and Child health care was delivered in 4 villages.

















Conclusion:

Medical camps are solely serving humanity by taking care of sick children and adults and giving them healthcare services for free.

When the majority of hospitals and clinics are closed for the poor people leaving them to die from diseases, trauma, and other health complications, free medical camps step in as their biggest hope. In this camp the beneficiaries were happier for the initiation and thankful to AMPYR, KS Hospital & SIRDS.

Livelihood opportunities:

3 SHGs group indentified in villages in & provided Skill training. We support in provision of ledger books and pass books to the SHGs for micro-finance.

29 young women were enrolled from 3 villages for the garments design course at our center. Apparel design Training were given to them at the centre at their local place.

They all underwent 2 months training in Apparel designing and operation of machine handling training for the industrial level garments making. An exposure visit to Koppal Garments Industry was arranged to all the beneficiaries.

Here the women were made to understand the employment & self employment opportunities in Garments Field.

Impact:

Empowering women in the model village has impacted positively for the village. The impact can be assessed in three levels. Basic economic independency to self development which is huge step forward in assisting the male members of the family to gain economic independency and in decision making.

Basic Economic Improvements:

- **❖** Improved income
- ❖ Dependency of male members of the family reduced
- ❖ Supporting hand for the family in adding income through these activities.

Improvement of functionality in the community

- ❖ Increased confidence to take risks in life
- ❖ Financial knowledge to better assist self planning savings
- ❖ Gained respect of the village community

Self Development

- **❖** Gained self respect
- ❖ Started becoming economically independent
- ❖ Ability function without dependency increased

Healthy Baby competition:

Health initiative we conducted health baby competition in two villages namely Benakanal & Kalkeri. In order to mitigate malnutrition, timely immunization and providing better care for the new born, toddlers between the age group of 1Year to 6 Years, healthy baby assessment as a competition organized within the villages that are part of the model villages initiative. The aim of organizing the event is to enhance the knowledge level of the mother in taking their baby in consideration of proper healthy food, immunization. Hence, the program was organized in model villages. The toddlers were assessed by the experienced Doctors & also apparently she briefed about the scheme available in Government hospitals.

Doctor gave awareness on the important aspects such as nutrition food to be taken by both mother and baby, hygiene to be maintained & timey immunization. Also she briefed about the malnutrition problems of the baby. She told healthy food leads to proper growth both physically and mentally. She emphasized to take proper nutritional food both baby and mother and till six months breast feeding play the vital role, & this will improve the immunity system of the baby. She said after 6 months the nutrition food supplement should be provided to the baby. She emphasized on hand hygiene, Cleanliness and de-worming in kids because the children will be getting a lot of cases.

The toddlers were assessed for height, weight according to the age and arms (biceps) and head circumvent as part of the investigations. The mothers of the toddlers were counseled for providing healthy and nutritious food to the baby for enhancing growth. As part of encouragement for the mothers, 6 children were awarded prizes as per the best healthy child in 2 programs.

This competition contest was judged based on the following psychological development of infants and toddlers through direct observation.

- Weight
- Developmental milestones
- Feeding practice
- Immunization & Systemic illness
- Malformation & Deficiency states
- Maternal knowledge for treatment of diarrhea, fever, etc.
- Looks

Healthy Baby Competition for Anganwadi Kids













Distribution of WasH Kit













Menstrual Hygiene program:

Menstrual hygiene is the one of the challenges that often off the radar due to the taboos attached and often is a subject not spoken about .however, it neglect and isolation at these points affect the adolescent girls psychologically. Often adolescent girls are afraid or ashamed to speak the issues related to menstation with their parents as well. More importantly even when spoken, the parent's guide them with primitive Ways of handlings the issue which often very unhygienic. To address the issue we have taken up programs to reach out to these young girls to help them practice Safe methods and ways to handle pain during these times. Doctors interacted with girls and initiated very interactive group session and conducted all important session on menstrual cycles, Myths and Misconceptions around menstrual cycles, Pain management during the cycles, Use of sanitary pads, Importance of usage of sanitary pads, disposal of sanitary pads.

As part of the clarifications took extra initiative to listen tom question related to the issues and answered all of them patiently, she provided the information and assistance in very friendly manner and more importantly being in the shoes of peer as it was important for them to open up about the issue. Girls have very less or no knowledge about reproductive tract infections caused due to ignorance of personal hygiene during menstruation time.

Distribution of pads: The program ended after providing the pads to the girls.

Impact

- Health has improved among these women since the intervention
- 118 women were reached out through nutritional awareness program

- Brought in greater awareness of health of children among the parents more than 500
- Knowledge on how to help children grow
- Supported over 151 adolescent girls from the intervention villages.
- Increased knowledge on maintaining hygiene among adolescent girls
- Improved use and proper disposal of pads after use.
- Major Myths about period are clarified such as should not give nutritious food during periods, should not allow inside the house, un holy
- Organized 3 Community Health camps & 3 General School Health camps covering more than 350 patients treated or investigated and provided treatment & 500+ students were benefitted by this General Health Check up.
- Awareness program on breast feeding for lactating and pregnant women which covered more than 250 beneficiaries from 4 villages.
- Organized 4 Nutritional Program reaching out 118 vulnerable women
- As part of improving and promoting safe periods 6 menstrual hygiene programs were organized covering young adolescent girls.
- Promoting healthy development of the infants and toddlers, we have organized 2 Healthy baby competitions that were benefitted 96 kids below the age of 6 years and their mothers.
- Access to renowned physicians with national and international accolades for interactions with the Village community to help improve the health seeking behavior.
- 6 Awareness programme on NCD and Personal Hygiene & Maternal and Child health care was delivered in 4 villages.

Menstrual Hygiene Program













Nutrition:

The goal of nutrition education is to reinforce specific Nutrition-related practices or behaviours to change habits that contribute to poor health; this is done by creating a motivation for change among people, to establish desirable food and nutrition behaviour for promotion and protection of good health.

Good nutrition is an important part of leading a healthy lifestyle. Combined with physical activity, your diet can help you to reach and maintain a healthy weight, reduce your risk of chronic diseases (like heart disease and cancer), and promote your overall health. As part of encouragement participants get prizes as per the best prepared the foods.

It was briefly explained that the "Nutrition is a critical part of health and development. Better nutrition is related to improved infant, child and maternal health, stronger immune systems, safer pregnancy and childbirth, lower risk of noncommunicable diseases (such as diabetes and cardiovascular disease), and longevity. During the session our resource person provided Education on Nutrition, how the nutrition should be retained in the food during cooking, how families should inculcate habits such as eating together with children. They also insisted how to feed nutritious food for children, avoid junk food and importance of discipline in eating & also explained that there are many benefits to having a nutritious diet. Following was explained to our beneficiaries Good Nutrition Improves Well-Being, Maintains Your Immune System, Delays the Effects Of Aging, Gives You Energy & Reduces The Risk of Chronic Disease

4 Nutrition Programs were conduction in the Project area. After the sessions our participants presented food items along with the recipe and which was assessed, and prizes were presented for the best recipes and preparation.

Nutrition Program







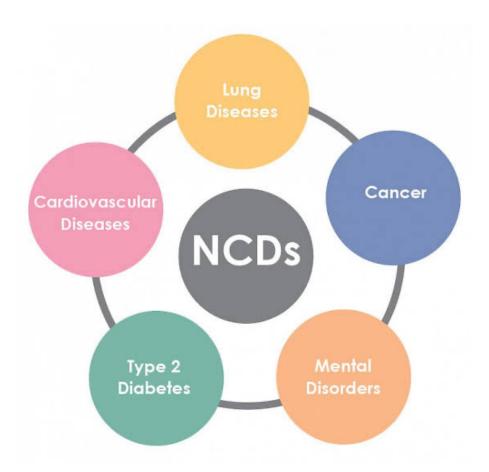


NCD Programs





Awareness of non-communicable diseases (NCDs) is important for preventing and managing them. NCDs are the leading cause of death worldwide and are a significant threat to health and development.



The major discussed topics were Cancer, Menal disorders, Lung Diseases & Personal Hygiene. The villagers were made understood that NCDs are not spread through infection or other people, but are typically caused by unhealthy behaviors & explained the behaviors which included Tobacco use, Physical inactivity, Harmful use of alcohol & Unhealthy diets. With continuous awareness we may make people understand the risks of certain lifestyle choices, & can make them start making changes in their daily life.

MODEL VILLAGE COST PLANNING SHEET 2023 - 24

ZONE: Karnataka - 2023-24

	INITIATIVES	Activity	taka - 202	Cost Description	Units planned	Units Com pleted
1	SAFE DRINKING W	VATER				
1	School and Community	Installation of Community RO		Installation of Community RO 500 LPH with storage tank & Water Connection	2	3
2	Education					
a	Smart room support @ School	Setup of Smart Classroom		1 smart room	1	1
b	Smart room support @ Anganwadi	Setup of Smart Classroom		1 smart room	1	1
c	Library Books	Library Books Sup	pport	Support for books	4	4
c	Books Rack Support	Book Rack Suppo	ort	Support for books & infrastructure	2	2
d	Lab development	Support for Labs (Science & Compu Sports materials	ıter) &	1 computer, UPS & Science lab related materials	1	1
e	Smart room Support @ Digital Library	Setup of smart roc	om	1 smart room	1	1
f	Sitting Arrangement Support	Table support		5 tables support	5	5
3	AGRICULTURE					
a	Health Camp	Veterinary Health Camps		rinary Camps will be cted for Cattles & Goat	2	2

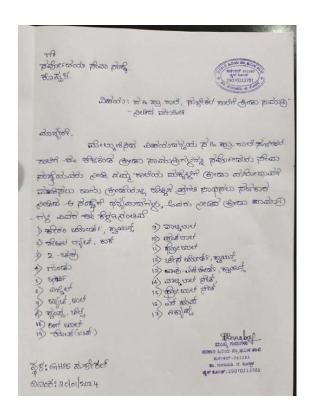
b	Bore Well Recharge	Harvesting Units (Bore well	Construction of Rainwater Harvesting Units as Demo in 1 field with Farmers contribution		0
4	Health				
a	Health Camp	Organizing Thematic Health Camps in Community	Doctors from KS Hospital, Koppal ot Saptagiri Hospital Bangalore ot Secure Hospital, Koppal will be invited for a day camp. 3 such camps planned in Sulikere villages	3	3
b	Health Camp	Organizing Thematic Health Camps @ School	Due to lack of awareness on health & hygiene kids are not used to keep their health fit so in order to guide them through proper channel a team of doctors (Dental, Ophthalmologist, Pediatric, Dermatologist & General Physician)will examine the students and recommend proper medicine for the same	3	3
С	Awareness Program	Awareness on Nutrition, Personal Hygiene, Menstrua Hygiene Programs	- Menciriiai Humene Perconai	24	22
5	Women Empower	ment			

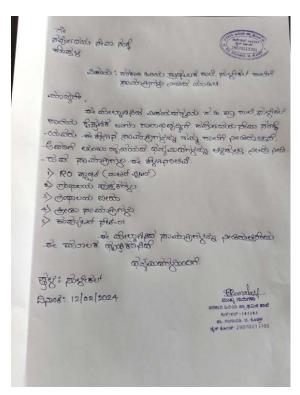
a	Trainings	Formation of Skilled Groups	3 Groups will be formed & will be linked to bank	3	3
b	Trainings	Trainings on Financial Literacy, EDP, Life Skill, Skill Development & Market Linkage	Trainings through Entrepreneurs, SIRDS Resource team & Department officials	30	32
c	Exposure Visits	Exposure Visits	3 selected women entrepreneurs will be given exposure visits to the nearby city	3	3

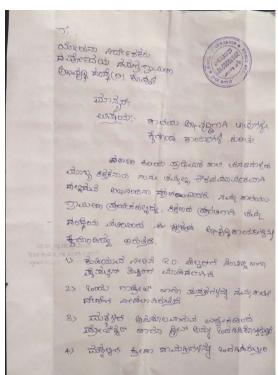
Conclusion:

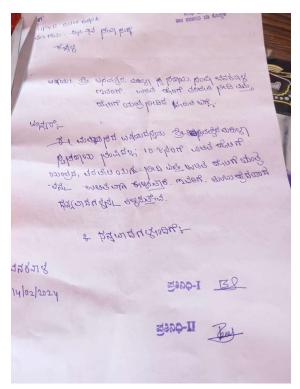
In conclusion, the project area has the basic primary infrastructure in the village and in the schools. However, there are some areas where the village could be improved. For example, the village could benefit from more public consultation, more women employment units, and an interest-free micro finance system. The village could also benefit from more research into agricultural change and changing pattern of rural livelihoods.

Testimonies









NCD & Personal Hygiene Programs













Skill Development













Skill Training Exposure Visit













Financial Literacy











Smart Class Room Support















Library Books & Rack Support









Sports Materials Distribuiton





Computer Setup at Sulekal School

