

# **Report on Sustainable Livelihood in Two Gram Panchayats (Cattle Rearing and Skill Development)**



*Submitted to*  
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# **Report on Sustainable Livelihood in Two Gram Panchayats (Cattle Rearing and Skill Development)**

## **Introduction**

The project on ‘*Sustainable Livelihood in Two Gram Panchayats*’ is concentrated on two Gram Panchayats- Aymanam and Kumarakom. Aymanam and Kumarakom are two adjacent Gram Panchayats lying in the Upper Kuttanadu region of Kottayam district in the State of Kerala. Kumarakom being a world famous destination for tourists attracts thousands of national and international travelers to its scenic backwaters. Green paddy fields, widely spread Vembanad Lake(the largest backwater in Kerala and habitation for many marine and freshwater fish species tiny plots of land interlocked with small canals, migratory birds and ethnic food are the basis of tourism attractions in Kumarakom. Aymanam though not an ‘officially recognized tourist attraction’ as in the case of Kumarakom, it has also wide potential for a tourist destination. Moreover, some parts of Aymanam are also under the tourist destination of Kumarakom. Aymanam is situated on the banks of the Meenachil River and has picturesque paddy fields and a number of tree grooves. The Meenachil River flows through Aymanam which often floods from June to August due to regular monsoon. Both the Gram Panchayats are prone to flood during the monsoon season and the recent floods in Kerala have hit the life of the people of these Panchayats adversely. Many households became roofless and majority of existing houses need urgent repair and livelihood is a major challenge in both the Panchayats. Administratively these two are separate Panchayats, they act as twin Panchayats.

The proposed project has two activities – one is cattle rearing and second one is skill development. The aim of the first activity is to provide sustainable livelihood through cattle rearing for selected poor 26 families of the project area (flood affected) from each Gram Panchayat (total 52 families).

The aim of the second activity is to provide skill training to at least 50 women aged between 20 to 40 years from SC/ST and other marginalized communities (flood affected) in the fields of Wiring, Electronics, Plumbing, Mobile servicing, Agro activities from each Gram Panchayat (total 100 women).

## **1. Cattle Rearing**

A committee was constituted in each Panchayat for the selection of the beneficiaries for cattle rearing in a transparent and objective mode. The committee members are President of the Gram Panchayat, Secretaries of the Milk Cooperative Societies, Veterinary Surgeon, Ward Members and Project Coordinator. The Secretaries of the milk cooperative societies had made primary selection of beneficiaries. The committee made spot visit to the houses of potential beneficiaries and conducted face to face discussion to select genuine and suitable beneficiaries for the dairy enterprise. After the visit the beneficiary list is finalized. The distribution of milch animal had been done in two batches. In the first batch 13 beneficiaries are selected from each Panchayat and in the second batch the same process has been done and 13 beneficiaries are selected. Table No. 1 and 2 gives the profile of the selected beneficiaries of cattle rearing in Aymanam for the first and second batch. Table No. 3 and 4 gives the profile of beneficiaries of cattle rearing in Kumarakom for the first and second batch.



***Photo No. 1: Orientation Meeting of Beneficiaries of Cattle Rearing at Aymanam on 31 January 2019***





**Photo No. 2: Orientation Meeting of Beneficiaries of Cattle Rearing at Kumarakom on 02 October 2019**

**Table No. 1: Profile of the First Batch of Diary Beneficiaries in Aymanam**

Sl. No	Name	Age	Education	Marital Status	Previous Experience in Dairy Sector	Associational Life
1	Smt. Shiny Georgekutty	47	PG	Married	Yes	Yes
2	Smt. Vanaja Vasudevan	50	10	Married	Yes	Yes
3	Smt. Sheela Sali	50	5	Married	Yes	Yes
4	Smt. Kunjamma Surendran	52	8	Married	Yes	Yes
5	Smt. Rosamma Joseph	63	10	Married	Yes	Yes
6	Smt. Ponnamma Viswanathan	54	10	Married	Yes	Yes
7	Smt. Ammini Sreekumar	53	10	Married	Yes	Yes
8	Smt. Manikutty	46	9	Married	Yes	Yes
9	Smt. Omana	65	5	Married	Yes	Yes
10	Smt. Ratnamma	55	9	Married	Yes	Yes
11	Smt. Shyamala	59	8	Married	Yes	Yes
12	Smt. Indira	58	8	Married	Yes	Yes
13	Smt. Sisily Vargheese	63	2	Married	Yes	Yes

**Source: Field Data**

**Table No. 2: Profile of the Second Batch of Diary Beneficiaries in Aymanam**

Sl. No	Name	Age	Education	Marital Status	Previous Experience in Dairy Sector	Associational Life
1	Smt. Sakhi Ambichan	43	SSLC	Married	Yes	Yes
2	Smt. Gracy George	52	PDC	Married	Yes	Yes
3	Smt. Omana Achankunju	58	8	Married	Yes	Yes
4	Smt. Remani T P	61	SSLC	Married	Yes	Yes
5	Smt. Molamma Moni	50	7	Married	Yes	Yes
6	Smt. Bindhumol K C	43	PDC	Married	Yes	Yes
7	Smt. Ponnamma C T	59	4	Widow	Yes	Yes
8	Smt. Savithri	64	7	Married	Yes	Yes
9	Smt. Sudha Gopi	52	10	Widow	Yes	Yes
10	Smt. Sheela A	52	PDC	Married	Yes	Yes
11	Smt. Maya Shymon	38	SSLC	Married	Yes	Yes
12	Smt. Binimol Santhosh	46	8	Married	Yes	Yes
13	Smt. Shailaja Sabu	50	9	Married	Yes	Yes

*Source: Field Data***Table No. 3: Profile of the First Batch of Diary Beneficiaries in Kumarakom**

Sl. No	Name	Age	Education	Marital Status	Previous Experience in Dairy Sector	Associational Life
1	Smt. Vasumathi Uthaman	57	8	Married	Yes	Yes
2	Smt. Sunimol	46	10	Married	Yes	Yes
3	Smt. Radha Ashokan	52	10	Married	Yes	Yes
4	Smt. Vinodini	46	10	Married	Yes	Yes
5	Smt. Anju Pramesh	40	PDC	Married	Yes	Yes
6	Smt. Preetha Lalan	42	10	Married	Yes	Yes
7	Smt. Sulekha	50	10	Married	Yes	Yes
8	Smt. Sreedevi Ajayan	44	Diploma	Married	Yes	Yes
9	Smt. Sheela Rajeev	48	10	Married	Yes	Yes
10	Smt. Jayanti Santhosh	45	10	Married	Yes	Yes
11	Smt. Savitha	31	9	Widow	Yes	No
12	Smt. Bhaimi Narayanan	75	3	Married	Yes	No
13	Smt. Supriya Devadas	47	10	Married	Yes	Yes

*Source: Field Data*

**Table No. 4: Profile of the 2<sup>nd</sup> Batch Dairy Beneficiaries in Kumarakom**

Sl. No	Name	Age	Education	Marital Status	Previous Experience in Dairy Sector	Associational Life
1.	Smt. Devakiyamma	67	4	Married	Yes	Yes
2.	Smt. Vasumathi	57	9	Married	Yes	Yes
3.	Smt. Sheela Pramod	42	10	Married	Yes	Yes
4.	Smt. Ambily	46	10	Married	Yes	Yes
5.	Smt. Sheeba Binu	46	PDC	Married	Yes	Yes
6.	Smt. Mini	49	10	Married	Yes	Yes
7.	Smt. Jollymma	50	10	Married	Yes	Yes
8.	Smt. Yamuna	50	SSLC	Married	Yes	Yes
9.	Smt. Salimol K O	44	SSLC	Married	Yes	Yes
10.	Smt. Sarasamma	70	5	Married	Yes	Yes
11.	Smt. Kanakamma	50	5	Married	Yes	No
12.	Smt. Leelamma	62	SSLC	Married	Yes	No
13.	Smt. Puspakumari	53	7	Married	Yes	Yes

**Source:** Field Data

All of the beneficiaries have previous experience in cattle rearing and have strong associational life. All of them are members of any of the organizations like *Kudumbasree*, women organizations affiliated to different political parties, cultural organizations and religious organizations. All the beneficiaries are from economically weaker sections. It is reinforced by certain socio economic realities.

In Aymanam, the husbands of two beneficiaries (Smt. Vanaja Vasudevan & Smt. Shyamala) are cancer patients. Smt. Ammini Sreekumar's husband and son are speech impaired. Smt. Manikutty's sister-in-law who depends on the beneficiary is also speech impaired. Smt. Sheela Sali's daughter is differentially abled. In Kumarakom one of the beneficiary (Smt. Savitha) is widow. Smt. Anju Pramesh's son is differentially abled and her husband is a heart patient.

In consultation with the beneficiaries an agreement had been made. The agreement has been drafted in such a fashion to ensure the sustainability of the project. According to the MoU, all the beneficiaries have to give the first female calf to the project so that it has been provided to another beneficiary and not to transfer the ownership of the cow within three years.

It was decided to purchase the cow outside the state to increase the cattle wealth of our state. Mr. M V Kannan, Dairy Farm Instructor, Ettumanoor Block Panchayat had advised to purchase good quality milch animal from Krishnagiri district of Tamil Nadu. He had already made purchase from there and he has good connection with farmers in Krishnagiri. It was also decided to purchase cows having 7-9 months pregnancy to reduce the long gestation period and the beneficiary will get the benefit from the milch animal as early as possible.

### **Distribution of 1<sup>st</sup> batch of Milch Animal**

On 25 February 2019 four member team consisting of Mr. Shajimon (Project Coordinator, CRM), Mr. Kannan M V ( Dairy Farm Instructor, Ettumanoor Block Panchayat), Mr. K P Baiju (Secretary, Valyad Milk Society, Aymanam) and Mr. Salimon (President , Milk Cooperative Society Attipeedika, Kumarakom) had visited Krishnagiri District of Tamil Nadu for purchasing high quality milch animal for Aymanam and Kumarakom. They had spent a full day for selecting the high quality animal with the help of local person. Instead of purchasing the cow from the market it has been purchased from individual households. Some degree of bargain had been made and finally the team could select high quality milch animal which is suitable for local conditions. They had purchased 26 milch animal having 7-9 month pregnancy 13 each for Ayamanam & Kumarakom. Although all the cows are having high quality physiognomies some of them lookmore attractive and a high demand was registered for such animals. Therefore, a lot system had been introduced while distributing the animals so that the equal probability is

ensured of getting such animals. The distribution of milch animal in Aymanam is done by Com. Suresh Kurup, MLA, Ettumannor Assembly Constituency on 27 February 2019.



***Photo No.3: Distribution of milch animal in Aymanam by the Com. Suresh Kurup, MLA Ettumanoor Assembly Constituency on 27 February 2019***





***Photo No. 4: Meeting at Aymanam for the distribution of cow on 27 February 2019***

The local MLA has appreciated the project by certain reasons. He himself admitted that cattle rearing have high potential in his constituency and he has taken keen interest to attend it.





പ്രജയ ദുരിതാശ്വാസ പ്രവർത്തനങ്ങളുടെ ഭാഗമായി സഖി തിരുവനന്തപുരം, സിആർഎം ഗാന്ധിനഗർ എന്നീ സംഘടനകളുടെ ആഭിമുഖ്യത്തിൽ അയ്മനം പഞ്ചായത്തിൽ നടത്തിയ കറവപ്പശു വിതരണം കെ സുരേഷ്കുറുപ്പ് എംഎൽഎ ഉദ്ഘാടനം ചെയ്യുന്നു

*Photo No. 5: Published in Deshabhimani Daily regarding the distribution of cow*

Local MLA is also ready to distribute the cows in Kumarakom Panchayat. But it has been done only after the distribution in Aymanam. Our aim was to distribute the animal as early as possible without disturbing them. (The milch animal has been transported traveled from Krishnagiri to Kottayam and spent a full night in a truck.) Therefore, the distribution in Kumarakom is done by Sri. A P Salimon , President, Kumarakom Gram Panchayat.



***Photo No.6: Milch animals ready for distribution at Kumarakom***



***Photo No.7: Distribution of milch animal in Kumarakom is done by the Sri. A P Salimon , President, Gram Panchayat, Kumarakom on 27 February 2019***

Insurance had been taken for all the milch animals distributed. The number of cattle gives birth to their young ones and other details are given in Table No. 5

**Table No. 5: Details of the Calves and Milk Yield in the First Batch**

Item	Aymanam	Kumarakom
Number of cows give birth to their young ones	13	12
Number of female calf	9 (one calf died)	3(one calf died)
Number of male calf	4 (one calf died)	9(one calf died)
Milk Yield per day	12-15 litres	12-15 litres

**Source:** Field Data

In Aymanam out of the 13 cows distributed all of them had given birth to their young ones and nine of the calves are female. In Kumarakom, twelve cows have given birth to their young ones and three are female calves. The milk yield of the cow varies from 20 litres to 12 litres per day. Out of the calves, two had died in Aymanam and Kumarakom. But it has not affected the milk yield of the cow. The milk yield of these cows is par with other ones.

There is doubt about the pregnancy of one cow in Kumarakom and injection had been given to it. A problem occurred to one cow in the delivery and the milk yield for that cow is only 1 litre. It also had problem in hoofs. So the doctor advised to sell the cow. Therefore it had been decided to include these two beneficiaries in the second batch of cow distribution. The cow distributed to the beneficiary named Smt. Manikutty had been died due to pneumonia in Aymanam and the they got the insurance amount.

### **Distribution of 2<sup>nd</sup> batch of Milch Animal**

For purchasing second batch of milch animal for Aymanam and Kumarakom a five member team consisting of Mr. Shajimon (Project Coordinator, CRM), Mr. Kannan M V ( Diary Farm Instructor, Ettumanoor Block Panchayat), Mr. K P Baiju (Secretary, Valyad Milk Society, Aymanam), Mr. Manoj (Secretary, Cheerpunkal Milk Society), Mr. Binu Mathew and Mr. Rejimon V T (Members, Milk Cooperative Society Attipeedika, Kumarakom) had visited Krishnagiri District of Tamil Nadu on 07 October 2019. They



had purchased 26 milch animal having 8-9 month pregnancy 13 each for Ayamanam & Kumarakom.



***Photo No.8: Selection of Milch Animals from Krishnagiri***

The distribution of milch animal in Aymanam and Kumarakom was done by the Shri. Jayesh Mohan, District Panchayat Member on 10 October 2019.



***Photo No.9: Distribution of milch animal in Kumarakom is done by Shri. Jayesh Mohan, District Panchayat Member on 10 October 2019***



***Photo No.10: Distribution of milch animal in Aymanam is done by Shri. Jayesh Mohan, District Panchayat Member on 10 October 2019***

The number of cattle gives birth to their young ones and other details are given in Table No. 6

**Table No. 6: Details of the Calves and Milk Yield in the Second Batch**

Item	Aymanam	Kumarakom
Number of cows give birth to their young ones	13	13
Number of female calf	1	4(one calf died)
Number of male calf	12(seven calf died)	9 (three calf died)
Milk Yield per day	12-15 litres	12-15 litres

***Source: Field Data***

All of the cows distributed in Ayamanam and Kumarakom had given birth to their young ones. Due to the long journey from Krishnagiri to Kottayam with 8-9 months pregnancy seven calves in Aymanam and four calves in Kumarakom had died. One cow delivered to Smt. Ambily in Kumarakom had died after delivery before taking the insurance.

### Cost Benefit Analysis

While submitting our proposal we were asked to submit a cost benefit analysis. During the submission of the project proposal, we have prepared it on a hypothetical situation. Now we have tried to reexamine the cost benefit analysis prepared by the actual data.

The price of the milk varies in cooperative societies and local households. Price for milk from cooperative societies is in the range of Rs. 37 to 40 per litre and price for milk from local households is Rs. 48/litre. On an average 13 litres milk per day is used for calculation. Calculation of income for a period of one month is shown in the Table No.7.

**Table No. 7: Calculation of Income in One Month**

Item	Amount (in Rs. )
Income of milk from cooperative societies	9 litres x 38 x 30 days = Rs. 10260
Income of milk from Local households	4 litres x 48 x 30 days = Rs. 5760
Total Income	Rs. 16020
Expenditure for cattle feed in a month	Rs. 1300 (cattle feed)x4 = Rs.5200 + 2500(fodder)= Rs. 7700
Profit in a month from milk	16020-7700= <b>Rs. 8320</b>

**Source:** Field Data

From the analysis we could understand that cattle rearing are a remunerative engagement and it has wide potential to address poverty, under development. The labour charge is not



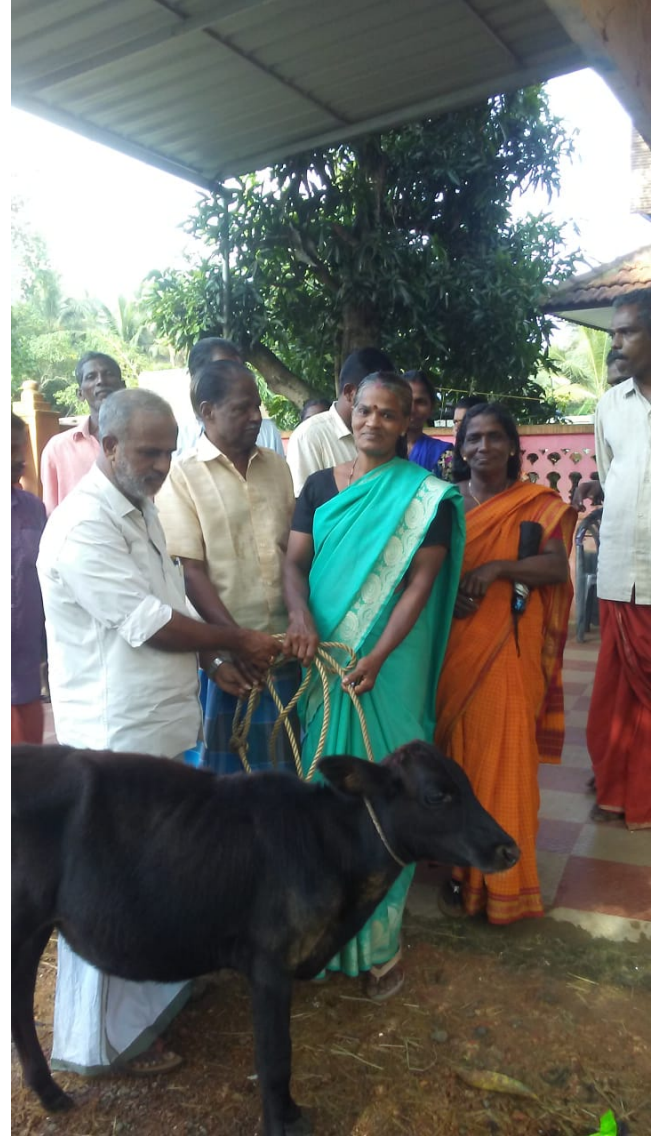
imputed here since the cattle rearing are mainly employed by family members. Moreover, the income from cow dung may be compensated towards the labour charges.

### **Distribution of Calves**

In order to ensure sustainability distribution of female calves had been done. In the first batch there were nine female calves in Aymanam and out of that one calf had died. Distribution of eight calves had been done at Ayamanam. The names of the new beneficiaries who got the calves are

1. Smt. Radhamani Narayanan
2. Smt. Jobila Joshy
3. Smt. V V Thankamma
4. Smt. T K Soniya
5. Smt. Rajamma
6. Smt. Smitha
7. Smt. Geetha Ajimon
8. Smt. Chellamma

In Kumarakom Gram Panchayat there were only three female calves in the first batch and out of that one calf died. The remaining two calves had been distributed to new beneficiaries and they are Smt. Sreedevi and Smt. Anisha.



***Photo No.11: Distribution of Female calves at Ayamanam***

### **Skill Development**

As part of skill development four trainings had been conducted at Aymanam and two trainings at Kumarakom. The number of trainees got training is 52 in Aymanam and 35 in Kumarakom. The trainings given in Aymanam are plumbing, wiring, repair of electronics equipments and mobile servicing. The trainings given in Kumarakom are plumbing and mobile servicing. Gender module had been conducted in all the trainings. After the completion of trainings trainees were given certificate, stipend and uniform. Toolkits

were given to a group of trainees. The details of each trainings are explained in the following sections.

### **1.1.1 Plumbing Training at Aymanam**

The training for skill development (plumbing) had been started on 20 June 2019. The trainers were from Archana Women Centre, Ettumanoor. The inauguration of the skill training was done by Sri. K K Bhanu, President, AUSCB, Aymanam. The meeting was presided by Smt. Usha Balachandran, Block Panchayat Member, Ettumanoor and welcome speech was done by Smt. Biji Rajesh, Standing Committee Chairperson, Health, Aymanam Gram Panchayat. The felicitation was done by Sri. K K



***Photo No. 12: Inauguration of Plumbing Training At Aymanam***

Karunakaran, Karshaka Sangam ACS, Ettumanoor. The Explanation of the training process had been done by Smt. Rekha, Project Coordinator, CRM and technical session was explained by Smt. Arya, Sri. Sabu and Sri. Sijith from Archana Women Centre. Vote of thanks was given by Smt. Girija Kunjumon, CDS Member. The duration of the training was 20 days. The details of the selected trainees are given in Table No. 8.

**Table No. 8: Profile of the Trainees in Aymanam- Plumbing**

Sl. No	Name	Age	Education	Marital Status
1.	Smt. Sreya Swaraj	29	Plus Two	Married
2.	Smt. Preetha Sodheesh	34	9	Married
3.	Smt. Remya Johncy	30	Plus Two	Married
4.	Smt. Bindulekha M A	44	SSLC	Married
5.	Smt. Remya Aneesh	33	BCom	Married
6.	Smt. Mahima Pramod	33	Plus Two	Married
7.	Smt. Sindhu Ajimon	41		Married
8.	Smt. Saly Shibu	45	PDC	Married
9.	Smt. Binu Mol M S	44	PDC	Married
10.	Smt. Anitha Sunil	33	SSLC	Married
11.	Smt. Seema Amod	38	PDC	Married
12.	Smt. Divya Lal	33	PDC	Married
13.	Smt. Nikhitha Laiju	27	Plus Two, Diploma	Married
14.	Smt. Sathikumari S	35		Married

*Source: Field Data*





***Photo No.13: Plumbing Training at Aymanam***

A session on gender had been provided to the trainees by Smt. Geetha and also experts from Archana Women Centre.

Exam had been conducted to the trainees on 17 July 2019. Certificate distribution was done by Adv. Suresh Kurup, MLA, Ettumanoor Assembly Constituency on 19 July 2019. Uniform distribution was done by Sri. A K Alichan, President, Aymanam Gram

Panchayat. Distribution of stipend was done by Smt. Geetha, Sakhi Women Resource Centre and toolkit had been distributed by Nicil Thomas, CDS Chairperson. The meeting was presided by Viji Rajesh, Ward member, Aymanam Gram Panchayat. Felicitation was done by Smt. Sali Jayachandran, Vice President, Aymanam Gram Panchayat, Sri. C V Balamurali, Sri. K K Shajimon & Smt. Rekha, from Centre for Rural Management, Smt. Arya & Sri. Sabu, from Archana Women Centre. Welcome speech was done by Smt. Mahima Pramod and vote of thanks by Smt. Remya Aneesh.

The name of the plumbing unit is Phenix. They have been associated with the well recharging works of Aymanam Gram Panchayat.



***Photo No.14: Certificate Distribution to Trainees on Plumbing at Aymanam by Com. Suresh Kurup, MLA Ettumanoor Assembly Constituency on 19 July 2019***

### **1.1.2 Plumbing Training at Kumarakom**

The training for skill development (plumbing) had been started at Kumarakom on 10 June 2019. The trainers were from Archana Women Centre, Ettumanoor. The inauguration of the skill training was done by the Dr. Magi John, Ward Member, Kumarakom Gram Panchayat. The meeting was presided by Smt. N R Binu, CDS Chairperson, Kumarakom Gram Panchayat. The felicitation was done by Smt. Geetha, Sakhi Women Resource Centre. Explanation of the training process was done by Smt.



Rekha, Project Coordinator, CRM and technical session was explained by Smt. Arya, Sri. Jobi and Sri. Sijith from Archana Women Centre. The total number of trainees was 11. The duration of the training was 20 days. The details of the selected trainees are given in Table No. 9.



**Photo No. 15: Inauguration of Plumbing Training At Kumarakom**

**Table No. 9: Profile of the Trainees in Kumarakom- Plumbing**

Sl. No	Name	Age	Education	Marital Status
1	Smt. Soumya R	33	Plus Two	Married
2	Smt. Shyla Thomas	44	DCA	Married
3	Smt. Mercy Reji	41	Plus two	Married
4	Smt. Rejani Rajeev	33	Degree	Married
5	Smt. Sindhumol K S	40	VHSE	Married
6	Smt. Deepa Bijesh	30	Plus Two	Married
7	Smt. Sreeja Suresh	35	PDC	Married
8	Smt. Sunitha Santhosh	41	PDC	Married
9	Smt. Sreekala T Mohanan	35	BSC	Married
10	Smt. Shimi Siby	41	PDC	Married
11	Smt. Aji Sivasdas	45	BCom	Married

**Source:** Field Data



***Photo No.16: Plumbing Training at Kumarakom***

Session on gender had been provided to the trainees by experts from Archana Women Centre. After the training of 20 days exam had been conducted to the trainees on 08 August 2019. The Certificate distribution meeting had been conducted on 9 August 2019. The inauguration of the meeting and certificate distribution was done by Shri. A P Salimon, Gram Panchayat President Kumarakom. The welcome speech was given by Smt. Rekha, Project Coordinator, CRM and the meeting was presided by Smt. N R Binu, CDS Chairperson. Toolkit was distributed by Sri. P K Santhakumar (Chairman, Health and education Standing Committee), and Uniform distribution was done by Sri. P K Krishnendu (ward member). Distribution of stipend was done by Smt. Geetha, Sakhi Women Resource Centre. Felicitation had been done by Smt. Kavitha, Sri. V N Jayakumar and Smt. Deepa, Ward Members of Kumarakom Gram Panchayat. Smt. Arya & Sri. Sabu, from Archana Women Centre also made the felicitation.

The name of the plumbing unit is Dreamtec. They had done the plumbing work of Anganwadi at Kumarakom. Also they had done the works in nearby places.



***Photo No.17: Certificate Distribution to Trainees on Plumbing at Kumarakom by Shri. A P Salimon, Gram Panchayat President on 09 August 2019***

### **1.1.3 Wiring Training at Aymanam**

The training for skill development (wiring) had been started at Aymanam on 01 August

2019. The trainers were

from Archana Women Centre, Ettumanoor.

The inauguration of the skill training was done

by Smt. Usha Balachandran, Block

Panchayat Member, Ettumanoor. The

meeting was presided



***Photo No.18: Inauguration of Wiring Training at Aymanam***

by Smt. Bindhu Hariharan, Ward Member and welcome speech was given by Smt.

Omana Pradeep . The felicitation was done by Smt. C A Geetha, Anganwadi Worker.

The Explanation of the training process was done by Smt. Rekha, Project Coordinator,

CRM and Mr. K K Shajimon, Project Coordinator, CRM. Technical session was

explained by Smt. Arya & Sri. Sabu from Archana Women Centre. The duration of the

training was 20 days.



There were 15 trainees for wiring training. The details of the selected trainees are given in Table No. 10.

**Table No. 10: Profile of the Trainees in Aymanam- Wiring**

Sl. No	Name	Age	Education	Marital Status
1.	Smt. Suni Suresh	45	SSLC	Married
2.	Smt. Shyla Reji	45	Degree	Married
3.	Smt. Sreeja Sathyan	37	SSLC	Married
4.	Smt. Aleyamma P K	46	SSLC	Married
5.	Smt. Saraswathi T K	46	SSLC	Married
6.	Smt. Smitha Jayamon	40	SSLC	Married
7.	Smt. Shiny Binu	42	SSLC	Married
8.	Ms. Saheela Salim	19	Plus Two	Unmarried
9.	Ms. Salima V S	21	Bcom.	Unmarried
10.	Smt. Renuka Anilkumar	44	PDC	Married
11.	Smt. Omana Pradeep	50	PDC	Married
12.	Smt. Mini Varghees	48	8	Married
13.	Smt. Manjumol C Thankan	31	Diploma	Married
14.	Smt. Jaya S	45	-	Married
15.	Smt. Anitha Kumary T R	39	PDC	Married

*Source: Field Data*



**Photo No.19: Wiring Training at Aymanam**

Due to the flood the training has been interrupted two times. . The exam for the trainees had been conducted on 30 August 2019

Certificate distribution was done by Smt. Jancy George, Headmistress, Kudamaloor Higher Secondary School on 04 September 2019. Distribution of stipend, Uniform and Tools were done by Sri. Sanal P Thomas, Journalist. The meeting was presided by Shri. K K Sajimon, Project Coordinator, Centre for Rural Management. Felicitation was done by Smt. Usha Balachandran, Block Panchayat Member, Smt. Bindu Hariharan, Ward Member, Aymanam Gram Panchayat, Smt. Rekha, Project Coordinator, Centre for Rural Management, Smt. Arya & Sri. Sabu, from Archana Women Centre. Welcome speech was done by Smt. Omana Pradeep and vote of thanks was given by Smt. Shyla Reji. The members from Plumbing unit of Ayamanm also attended the function. The name of the wiring unit is Powertech.

#### **1.1.4 Mobile Servicing Training at Kumarakom**

The training for skill development (Mobile servicing) had been started on 09 October 2019. The trainers were from Archana Women Centre, Ettumanoor. The inauguration of the skill training was done by the Shri. A P Salimon, President, Kumarakom Gram Panchayat. The meeting was presided by Smt. N R Binu, CDS Chairperson, Kumarakom Gram Panchayat. Explanation of the training process was done by Smt. Rekha, Project Coordinator, CRM and technical session was explained by Smt. Arya from Archana Women Centre.



***Photo No.20: Inaguration of Mobile Service Training at Kumarakom***

The total number of trainees was 24. The details of the selected trainees are given in Table No. 11.

**Table No. 11: Profile of the Trainees in Kumarakom- Mobile Servicing**

Sl. No	Name	Age	Education	Marital Status
1.	Smt. Asha K A	29	SSLC	Married
2.	Smt. Bindu Sarasijan	48	SSLC	Married
3.	Smt. Shada Santhosh	45	Degree	Married
4.	Smt. Ajitha Kunjumon	44	Degree	Married
5.	Smt. Manjusha VP	38	Degree	Married
6.	Smt. Vijitha Rajesh	35	Degree	Married
7.	Smt. Shyama Ratheesh	28	Degree	Married
8.	Smt. Tincy Peter	34	Plus Two	Married
9.	Smt. Anju K P	30	Plus Two	Married
10.	Smt. Suja Soman	48	PDC	Married
11.	Smt. Deepa Renjith	35	VHSE	Married
12.	Smt. Swathy Rajeesh	29	Plus Two	Married
13.	Smt. Kavitha S	43	SSLC	Married
14.	Ms. Santhana Sabu	21	Plus Two	Unmarried
15.	Smt. Athira Anoop	27	Plus Two	Married
16.	Smt. Geethu Anilkumar	31	SSLC	Married
17.	Smt. Rakhimol K Ravi	28	Degree	Married
18.	Smt. Rekha Anil	40	Degree	Married
19.	Smt. Rejani Binoy	39	SSLC	Married
20.	Smt. Ambily K K	34	Plus Two	Married
21.	Ms. Chinchumol Reji	23	Diploma	Unmarried
22.	Smt. Anitha Sajeev	38	SSLC	Married
23.	Smt. Ashamol K S	34	Plus Two	Married
24.	Smt. Seethumol	26	SSLC	Married

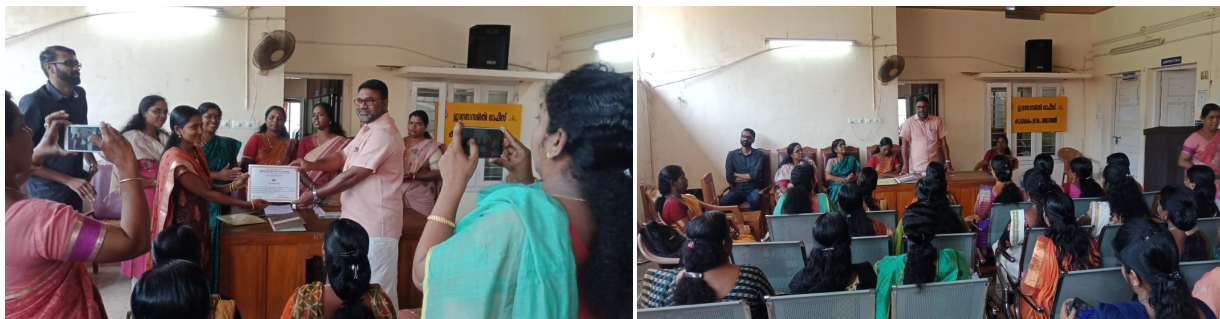
*Source: Field Data*





***Photo No.21: Mobile Service Training at Kumarakom***

The duration of the training was 28 days. The certificate distribution for skill development (Mobile servicing) had been conducted on 05 December 2019. The inauguration of the meeting and certificate distribution was done by Shri. A P Salimon, Gram Panchayat President, Kumarakom. The welcome speech was given by Smt. Rekha, Project Coordinator, CRM and the meeting was presided by Smt. N R Binu, CDS Chairperson. Toolkit was distributed by Sri. P K Santhakumar (Chairman, Health and education Standing Committee) and Uniform distribution was done by Smt. Sindu Chandrabose, Vice President Kumarakom Gram Panchayat. Stipend Distribution was done by Sri. A P Gopi, Ward Member. Felicitation was done by Smt. Deepa, Smt. Kavitha, Adv. Vishnumani Ward Members of Kumarakom Gram Panchayat and Smt. Geetha , Programme Officer , Sakhi Women Resource Centre. The name of the unit is ‘Wings of Fire’.



***Photo No.22: Certificate Distribution to Trainees on Mobile Servicing at Kumarakom by Shri. A P Salimon, Gram Panchayat President on 05 December 2019***

### **1.1.5 Repair of Electronics Equipment Training at Aymanam**

Skill training for repair of electronics equipment had been started at Aymanam on 12 November 2019. The inauguration of the skill training was done by Smt. Sali Jayachandran, Vice President, Aymanam Gram Panchayat. The meeting was presided by Smt. Nicil Paul, CDS Chair Person and welcome speech was given by Smt. Nithya K Karunakaran. The felicitation was done by Smt. Mini Parapurathu, CDS Member. The Explanation of the training process was done by Mr. K K Shajimon, Project Coordinator, CRM. Technical session was explained by Sri. Sabu from Archana Women Centre. Vote of thanks was given by Smt. Reshmi U Nair.



***Photo No.23: Inauguration of the Repair of Electronics Equipment Training at Aymanam***

There were 13 trainees for the repair of electronics equipment. The details of the selected trainees are given in Table No. 12.

**Table No. 12: Profile of the Trainees in Aymanam- Repair of electronics Equipment**

Sl. No	Name	Age	Education	Marital Status
1	Smt. Remya Arun (Remya V Nair)	32	Plus Two	Married
2	Smt. Jayasree Pramodh (Jayasree C S)	44	SSLC	Married
3	Smt. Priya Gopan(Priya M Chandran)	39	SSLC	Married
4	Smt. Asha E K	39	SSLC	Married
5	Smt. Sunitha Prasanth	34	BA	Married
6	Smt. Soumya Shiju	35	SSLC	Married
7	Smt. Nisha Ashokan (Nishimol V)	45	SSLC	Married
8	Smt. Nithya K Karunakaran	37	SSLC	Married
9	Smt. M V Lalitha	47	SSLC	Single Parent
10	Smt. Mini Sahjimon	49	PDC	Married
11	Smt. Mercy John(Sindhu Jayapraksh)	35	PDC	Married
12	Smt. Tintu Reji (Tintu Mol B)	32	PDC	Married
13	Smt. Suji Biju (Sujimol M S)	38	SSLC	Married

*Source: Field Data*





***Photo No.24: Repair of Electronics Equipment Training at Aymanam***

The duration of the training was 20 days. Skill training for repair of electronics equipment had been completed in Aymanam on 12 December 2019. The certificate distribution had been done by Adv. B Mahesh Chandran, District Panchayat Member, Kottayam on 13 December 2019. The meeting was presided by Smt. Usha Balachandran, Block Panchayat Member, Ettumanoor. The distribution of toolkit and uniform were done by Smt. Usha Balachandran. The distribution of stipend was done by Smt. Geetha, Programme Officer, Sakhi Women Resource Centre. Felicitation was done by Smt. Nicel Paul CDs Chairperson, Smt. Lisa, Charge Officer, Kudumbasree, Smt. Rekha & Shri. Shajimon, Project Coordinators, CRM, Smt. Arya & Sri. Jobin from Archana Women Centre. Welcome speech was given by Smt. Nithya K Karunakaran and vote of thanks by Smt. Nisha Ashokan. The name of the unit is Victory.





**Photo No.25: Certificate Distribution of Repair of Electronics Equipment Training at Aymanam by Adv. B Mahesh Chandran, District Panchayat Member on 13 December 2019**

### **1.1.6 Mobile Servicing Training at Aymanam**

Skill training for the mobile servicing had been started on 30 December. The inauguration of the training had been done by Shri. M S Arun Kumar, Block Panchayat Member, Ettumanoor. The meeting was presided by Shri. Unnikrishnan. Welcome speech had been done by Smt. Beenakumari, CDS member and the felicitation had been given by Shri. Rijesh K Babu and Shri. Jayakumar. Vote of thanks had been done by Smt. Ambika Harish. The duration of the training was 20 days. There are 10 trainees for the mobile servicing at Aymanam. The details of the selected trainees are given in Table No. 13.

**Table No. 13: Profile of the Trainees in Aymanam- Mobile servicing**

Sl. No	Name	Age	Education	Marital Status
1.	Smt. Ambily K A	27	Bcom	Married
2.	Smt. Arifa M A	42	SSLC	Married
3.	Ms. Anagha E B	18	Plus Two	Unmarried
4.	Smt. Sulabha Suresh	43	SSLC	Married
5.	Smt. Jayamol C S	42	SSLC	Married
6.	Smt. Sreejamol T J	38	SSLC	Married
7.	Smt. Divya S	30	BA	Married
8.	Smt. Anju Manu	30	SSLC	Married
9.	Smt. Sujina Sudhakaran	27	Plus Two	Married
10.	Smt. Rohini P K	32	Bcom	Married

**Source:** Field Data



***Photo No.26: Mobile Servicing Training at Aymanam***

The certificate distribution had been done by Adv. Suresh Kurup, MLA, Ettumanoor Assembly Constituency on 01 February 2020. The meeting was presided by Smt. Beenakumari, CDS Member. The distribution of toolkit and uniform were done by Adv. Suresh Kurup. The distribution of stipend was done by Smt. Geetha, Programme Officer, Sakhi Women Resource Centre. Felicitation was done by Shri. Shajimon, Project Coordinators, CRM, Smt. Arya & Sri. Shamnas from Archana Women Centre. The name of the unit is Galaxy.



***Photo No.27: Certificate Distribution of Mobile Servicing Training at Aymanam by Adv. Suresh Kurup, MLA on 01 February 2020***

### **Linkage of the Project with Local Governments and Other Civil Society Organizations**

The project is implemented with the support of Gram Panchayat and other civil society organizations especially *Kudumbasree*. Beneficiary selection of cattle rearing had been done by a committee and the committee members include Gram Panchayat President, Ward Members and Secretaries of Milk Cooperative Societies. Selection of trainees for Skill development had been done with the support of CDS Chairperson, CDS members and ward Members of the Gram Panchayats. They are actively involved from the beginning of the skill development. Local MLA, Block Panchayat Members and District Panchayat Members show keen interest in all these activities.

### **Sustainability**

The link between the old beneficiaries, new beneficiaries and potential new beneficiaries by sharing female calves ensured sustainability in cattle rearing. Since the project on skill development had operated among the women youth, it has inbuilt potential to sustain. They are working as a collective group and it also ensure sustainability.

## **Lessons Learnt**

1. We had a wrong assumption that cattle rearing is an additional burden for women and that had been proved wrong because labour is shared both the male and female members in the households
2. Saving of the women along with family is increased in cattle rearing and also in skill development
3. The male dominated work such as plumbing, wiring, mobile servicing and repair of electronics equipment can be successfully done by the women. However, the case of wiring is concerned we have noticed two issues. (i) Women are not fully free from the “electricity phobia”. (ii) Clients are also having some amount of discomfort to provide wiring service to women. Of course in course of time this skill also becomes women friendly as in the case of other male dominated professions.
4. Cattle rearing has the potential to address practical gender needs (poverty reduction) and strategic gender needs (entry of a male dominated sector and thereby some amount of women empowerment).
5. It is seen in majority of the houses that cattle rearing has the potential address women and child nutrition.
6. Our basic assumption is that the project area (Kumarakom and Aymanam) has conducive elements for implementation of the project. But expected level of enabling environment has not reached especially in the case of Kumarakom. However we could address the issue by an effective social engineering.



## Problems Faced and Solutions

Problems	How it was Solved
1. Since the number of potential beneficiaries is high it is difficult to make the selection process	Committee constituted in each Panchayat including President of the Gram Panchayat, Secretaries of the Milk Cooperative Societies, Veterinary Surgeon, Ward Members and Project Coordinator. The Secretaries of the milk cooperative societies had made primary selection of beneficiaries and the committee made spot visit to the houses of potential beneficiaries and conducted face to face discussion to select genuine and suitable beneficiaries for the dairy enterprise.
2.Problems in hoofs of the cows	This had been resolved by supplying rubber mats to the beneficiaries in a subsidy rate with the help of Veterinary Department
3. It is difficult to get the trainees in initial stage because the women had some reluctance to do the male dominated works.	Proper orientation had given to them.
4. In the initial stage some people are against giving training to women in male dominated works	Cooperation of the large sections of society has changed their attitude
5. Training Syndrome had been seen in Kumarakom Panchayat, ie the same person had been participated in all the training programmes in the Panchayat.	Effective selection of trainees overcomes this situation.
6. We have seen a difference in the behavioral pattern and attitude towards the Project especially in Kumarakom	Our observation gives an impression that social capital (trust, reciprocity, network, efficacy, civics) is relatively high in Aymanam whereas the social capital is comparatively low in Kumarakom. This may be one of the reasons for the difference in behavioral pattern and attitude towards the project activities in the two places. The level of social capital may be possible explanation for this. The cattle rearing and skill development initiatives in Kumakom may generate some degree of social capital in the coming days.

### **Impact of the Project in the Area**

1. Problem in hoofs had been found in the cows and it had been solved supplying rubber mats to the beneficiaries in a subsidy rate with the help of Veterinary Department. This worked as a demonstration effect. As a result, this gives an impact to other farmers in cattle rearing (not the beneficiaries of our project) and they have also purchased rubber mats for their cows.
2. Demand is high and supply is less in the case of milch animal. The system followed by us to tackle this issue is the formation of a committee and spot visit to household to select genuine beneficiaries in a transparent manner. This has been widely appreciated by the local community. As a result no complaint was raised against the selection procedure of the project administration. It has made some amount of impact to the Panchayat Administration, which followed the system in the beneficiary selection in some of the beneficiary oriented schemes of the Panchayat.
3. Due to the impact of our skill development activities Kudumbasree Mission had also arranged skill development training in plumbing and wiring by their own effect.
4. Cattle rearing have improved the managerial skill and economic elements of the beneficiaries to some extent.

## **Case Studies**

### ***Case Study No.1***

Smt. Anju Pramesh is a beneficiary in cattle rearing Kumarakom Gram Panchayat. Her son is differentially abled and her husband is a heart patient. A problem had been occurred in the delivery of the cow given to her. Due to this problem the calf has a fracture in the leg and it cannot stand. Veterinary surgeon at Kumarakom and Aymanam has given medicine for the calf



***Photo No. 28: Cow of Smt. Anju Pramesh***

but it is not cured. Finally she had taken the calf to the District Veterinary Centre, at Kodimatha, Kottayam. She has to travel 18 kms to reach the District Veterinary Centre. Since it is male calf and it is not practical to take the calf to District Veterinary Centre every day, the doctors of District Veterinary Centre finally advised her to give up the calf. Nevertheless, she was not ready to give up the deformed one. She could develop a special compassion towards the calf. This may be due to the fact that she is also a mother of a differentially abled child.

### ***Case Study No.2***

Smt. Omana is a beneficiary of cattle rearing enterprise in Aymanam Gram Panchayat. Her family depends on cattle rearing for long years. Her house is in the middle of paddy field and they are severely affected by the recent flood. She had got assistance for house construction from the Panchayat, but it is not completed. Now they are living in the cattle shed. Now she has two cows including the one which was given under the project. The yielding capacity of the animal is very high. She could sell 20 litres of milk per day. She expressed her happiness that their day to day expenditure is met from this cow.



***Photo No. 29: Calf and Cow of Smt. Omana***

### ***Case Study No.3: Success Story of the Phenix Plumbing Group***

The Phenix plumbing group in Aymanam had completed their training in July 2019. After the training, eight members of the group have been actively participating in the well recharging work of Aymanam Gram Panchayat. They have also done the plumbing works in the nearby areas. The members in this group are now satisfied with the earnings from their work.



***Photo No. 30: Phenix Plumbing Group Engaged in Well Recharging Work***