



# JEEVA JYOTHI

## ANNUAL REPORT

**April 2020 TO March 2021**



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## **Intervention of Jeeva Jyothi**

- Shelter Home ( CESVI & Corporation )
- DCC
- Supplementary Centers
- Fishery Project
- SABLA – Adolescent Girls
- COVID – 19
- UNICEF
- GCC (Community intervention project )

JJ has been specifically and exclusively focuses its attention on Children, Environment and Research study for the recent years and in special concentrated more during the fiscal year 2020- 2021 In realizing its spheres of service and delivering the services to the target people JJ relied on the four major source namely it's Board, Staff team, financial resources and Programs/Network. JJ had successfully served its people with conviction and complacency in its 27<sup>th</sup> year of social transformation.

## **Children Programs**

### **No of Children Benefitted during the reporting period**

Due to the Pandemic, government announced to close the Shelter home and Day Care Centre on 15<sup>th</sup> March 2020. The HOS children went back to their respective homes. Out of 20 children 17 went to their home and remaining 3 children continued in HOS. DCC and HOS children again started from September 2020.

In 2020, over all 54 children were benefitted through project activity, 20 Children from Shelter Home and 34 children (15 from Kalangiyam and 19 from K. N. Nagar) from Day Care Centre.

### **Residential service and educational support**

- 20 children were provided with supplementary education care and had access to books from the Library.
- 3 children appeared for Board exams and 17 children appeared for Annual exam. All have passed and were promoted to next class.
- Due to the Pandemic, government announced to close the Shelter home and Day Care Centre on 15<sup>th</sup> March 2020. Out of 20 children 17 went home and 3 children continued in HOS.
- In the month of June, 2 children, 5 children in September and 1 child in October joined the HOS. Total 11 children stayed in HOS in December 2020.

### **Health and Nutrition:**

- Primary Health Care Centre. They were treated for minor ailments, provided medicines and health tonics.
- 17 Children from K.N Nagar and 15 children from Kalaingiyam DCC were given Polio drops Overall, 32 Children's benefited from Oral Polio vaccine.
- 20 children from shelter home and 34 Children from DCCs were provided Nutritious food, Health Care and Education .
- From April to December 11 children from shelter home were provided Nutritious food, Health Care and Education.
- Provision and hygiene kits were distributed to 16 HOS and 26 DCC children family on 08<sup>th</sup> May 2020.
- From 28<sup>th</sup> Sep 20, the KN Nagar DCC was opened and cooked mid-day meals were distributed to 19 children daily.
- HOS warden gave awareness to children under the topic of hand washing and social distancing on 13 Jul 2020.
- In shelter home, 'Tippy tap' for hand wash was installed on 28<sup>th</sup> June 2020. The management focused more on children's health and safety.
- On 2<sup>nd</sup> Sep & 2<sup>nd</sup> October, 10 children attended the COVID medical screening camp in Budhur, organised by the local Panchayat board. The medical report for all the children were negative.

### **Events/Extra-curricular activities:**

- Children's club meeting was organized By Mrs. Nirmala, Mr.Bala Murugan and Mr.S.Bharath
- 71<sup>st</sup> Republic Day Celebration was celebrated at Budhur. 20 children from Shelter Home and 5 staff participated in the flag hoisting.
- 5 Children and staff members jointly took an oath on 'world day against child labour' on 12<sup>th</sup> June 2020.
- Parents Meeting was held during this meeting suggestion and awareness were given to parents to take care of their children during COVID pandemic.
- On 2<sup>nd</sup> Nov 2020, photos and video shoot was conducted in shelter home and DCC for documentary purpose.
- On 14<sup>th</sup> November, children celebrated Diwali by firing crackers and sweets were distributed.
- On 22<sup>nd</sup> Dec 20, Christmas day was celebrated in HoS. 11 children received gifts and new dresses.

### **UNICEF**

- **The director** and warden visited field area Kalanjiam and K N Nagar on 08<sup>th</sup> May 2020 and gave awareness to community people about COVID -19
- The director, program director and trustees went to field area at Thirikulam, Kalanjiam and K N Nagar on 30<sup>th</sup> June 2020. The team met rice mill workers and their children and gave awareness about hand washing. The team installed tippy tap at the rice mills, DCC and tuition centre for hand wash and gave demo to area children and their parents.
- The K N Nagar and Kalanjiam DCC teacher did home visit of the DCC children and gave awareness about importance of hand washing and social distancing on 16<sup>th</sup> June 2020.

### Govt. Certificates/Documents

S.no	Applied for Renewal	Validity	Renewal done during the reporting period
1	Home Registration Certificate	5 years	Validity till 2023
2	Fire and Rescue	1 year	22/03/2022
3	Health and Sanitation	1 year	01/10/2021
4	Building License Certificate	3 years	Validity Till 2023

#### Supplementary Education Centres:

The shelter home children were given special coaching on their academic lessons by the Warden cum Tutor on a daily basis. When the school reopened in the month of June'18, instructions were given by the Tutor to all the children especially the new inmates to maintain their books properly without damaging them, to attend school regularly, to give attention to the lessons taught in the classes, to complete the homework when they come back from school, to clarify the doubts with the Tutor on a daily basis, to take extra support from him for weaker subjects etc. Children were also motivated to participate in the extra-curricular activities. The warden also guided the new children to follow the norms pertaining to the study hours and more time was spent with them to identify their weak subjects in order to provide the needed support. The children received the help of the tutor in doing their homework and clarified all doubts pertaining to the subjects.

#### Targeted beneficiaries:

*Children of migrant workers and those from Tribal (SC&ST) communities, economically and educationally backward are deprived of proper education and knowledge. They have no access to proper schooling, and quality education remains a distant dream to most of them. Poverty and economic constraints make these poor children face a lot of disadvantages and they remain far behind the intellectual race. They also lack proper motivation and guidance.*

- **Project objectives:**

*-To create access to education by establishing **5 Evening Tuition Centres in 5 areas in Red Hills and Thiruvamiyur** for the benefit of migrant and Tribal children.*

*-To impart quality education through innovative teaching and learning materials to **200 children** of migrant workers and Tribal communities.*

*-To develop the reading habits of children through Mini-libraries*

*-To develop their personality through life skills education.*

*-To conduct regular sports activities for children to develop their physical and mental well-being.*

*-To prepare an English Language teaching and learning material to be used in Evening Tuition Centre*

Class	Age Group	No. of Children		Castewise Details of Children				Total
		Boys	Girls	SC	ST	OBC	Gen	
1-4	6-9	32	28					77
5-7	10-14	42	45					55
7-9	14-16	14	19					38
10-12	17	1	0					1
LKG	3-5	8	7					25

We have Celebrated Pongal Celebration on 18/01/2021 at Budhur Evening Tuition Centre all staff and Students were participated in pongal Celebration.

#### **Activity 8: Community Mobilization and Local Action**

During this reporting period we did not plan for this activity. Planning to have a activity on Q2 period

#### **Activity 9:**

Every week Sunday we have Drawing ,art & Craft ,Innovative class for children through this activity they can express their talent in many way.

#### **Challenges being faced and solutions being practiced to solve them**

**During this reporting period Covid-19 problem we have close all tuition centre on March 11<sup>th</sup> 2020 by the Knowledge of government guide lines.**

### Beneficiaries of Shelter Home 2020

Month	Total no. of beneficiaries	Total in each quarter
April 2020	3	5
May 2020	3	
June 2020	5	
July 2020	5	5
August 2020	5	
September 2020	10	11
October 2020	11	
November 2020	11	
December 2020	11	
<b>Total no. of children reached</b>	<b>20</b>	<b>20</b>

### SABLA Training Program

Due to COVID-19 pandemic situation Jeeva Jyothi staff cum volunteers had no much chance to organize a big gathering to distribute the sanitary pads for the adolescent girls, instead the staff and the volunteers were asked to organize with a minimum of in numbers and sensitize about the sanitary pads and the usage of it.

Along with the other side each and every child are asked to wear face mask, maintain the social distance and hand wash etc,

Due to COVID-19 in some areas on behalf of children parents received the sanitary pads.



This scheme is only for the adolescent girls in the age group of 11 to 17 years. This scheme identifies the adolescent girls and enrolls them in this scheme in order to help the girls to get nutritional, health and hygiene support from the

Government. We also said that these children will be enrolled in the ICDS centre to get the Nutritional support.

*Pads Distribution details as follows...*

S. No	Location/Area	Number of Beneficiary
1	Pammadukullam	40 nos
2	KN Nagar	100 nos
3	Budhur	40 nos
4	Kottur	80 nos
5	Vadagarai	20 nos
6	Kosapoor	40 nos
7	Palaivoyal	40 nos
8	Budhur Medu	20 nos
9	Gnayeru	40 nos
10	Bhavani Nagar	20 nos
11	Thirikullam	20 nos
12	Eswaran Nagar	40 nos
13	Arumandhai	20 nos
	<b>Total</b>	<b>520</b>



We also explained about the good health and hygiene practices which develops our body and also as a healthy human being. We explained about the nutritional value of the vegetables, greens, pulses etc.

# **Ornamental Fish Farming Training**

Venue: Dr. M.G.R. Tamilnadu Fisheries University, Madhavaram

Date: 17.11.2020 to 28.11.2020

No of Participants: 30 Women

No of Batches: 2

## **Prologue**

“The best investment in knowledge repays the best interest” that too an investment in educating women repays the interest in manifolds. Obviously as per the above mentioned maxim, we have made an effort of organizing ‘An Entrepreneurship Program’ for rural women after the worse effects of COVID 19 pandemic.

JeevaJyothi had taken a notable effort in trying to get the legal permission from the fisheries university and from the training in-charge because of the pandemic restrictions. After our regular dialogue and continuous follow up with the university and with the training centre we got the permission to organize ornamental fish farming training but with due follow up of restrictions, norms advised by the TN Government.

Very deeply we would like to place our thanks and gratitude to Mr. Ahilan - Dean of Fisheries University, Madhavaram and the Training centre in- charge Mr. Ravaneshwaran for helping us organize this training and TECHNIP officials for having understood the delay with great generosity in making our effort come into realization. Without the generous financial support of TECHNIP and the cooperation of Dr. M.G.R. TNFU Madhavaram the training would not have been possible during pandemic restrictions time.

As mentioned above JJ along with the financial support of TECHNIP and Technical support of Dr. M.G.R TNFU, Madhavaram jointly organized Ornamental Fish Farming Training for the rural, rustic women who are from deserving, poor, disadvantageous

background. Skill development initiative or any other skill development for women is much sought, much awaited, promising and much acquired and well-taken by women. In this modern era, women are doing their best to be autonomous, self-sustainable, self-sufficient and entrepreneur and in attempting to realize their dream they strive to the core and achieve in life what they wanted to be. Hence, being a very prolific, profitable and liable and productive trade namely “Ornamental Fish Farming” suited the most to their need and thus we intended to carry out this 3 days training for the women with the view to promote women entrepreneurs in our working areas.

This particular training had its own variation and restrictions, we were able to organize only 15 women per batch because of the norms provided by the university and the days of the training were reduced from 5 consecutive days to 3 days. Hence, we organized 15 women from Avurivakkam of Thirupalaivanam area for the 1<sup>st</sup> batch from 17<sup>th</sup> November to 19<sup>th</sup> November and organized 15 women from Kulathumedu of Pulicat Panchayat for the 2<sup>nd</sup> batch from 24<sup>th</sup> November to 28<sup>th</sup> November 2020 respectively to get the benefit of the training.

### **Registration & Inaugural ceremony**



Consecutive 3 Days training for women on “Ornamental Fish Farming –Techniques “was well planned and organized accordingly by JJ with the financial support of Technip India, Chennai. The training unveiled its colors with the official inauguration held at the premises of TNFU Vanavil Fish Techno Park, Madhavarm on the 17th of November 2020 for the 1<sup>st</sup> batch and commenced again on 24<sup>th</sup> November 2020 for the 2<sup>nd</sup> batch. A cordial cum official welcome address was delivered by Mr. Ravanehswaran, Project Officer who is the key and instrumental in organizing this training. At first, He welcomed Mr. Ahilan the Dean of their university & Research Institute for heading the ceremony and he also welcomed Mr. V. Susairaj, Director JeevaJyothi and Mr. Manikandan, Asst. Professor from Ponneri Fisheries University for their support and finally welcomed the trainees with great temperament and very briefly explained them about the institute and the training. Followed by the word of welcome, the eminent persons who gathered in the inaugural ceremony addressed and motivated the trainees to utilize the given opportunity to the optimum for their entrepreneurship.

Before to the inaugural ceremony, registration was duly done as per the prescribed formats given by TNFU & Research Institute. As suggested by the university due to Covid19 restrictions only 15 were present to acquire the knowledge and skill.

#### **Parameters for selection of Trainees**

Jeevajyothi Program Management team consisting of Admin cum accountant, Project coordinator and logistic officer sat with director to discuss the concerns related to the Ornamental Fish Farming training that is to be held in the month of February, supported by TNFU, Madhavaram and Technip India, Chennai. The discussed concerns especially parameters are as follows...

- ✓ Skill Development Initiative jointly organized by JJ and Technip India is designed only for women

- ✓ Women belonging to S.C and S.T community and other backwards communities are given preference to be the trainees
- ✓ Women belonging to rural, suburban are considered to be favorable for the training
- ✓ Women who attend the training should be able to read and write with the minimum qualification of 5th grade and who are the ages between 18-55 years
- ✓ Women belonging to Self Help Groups, Disabled Groups are given preference
- ✓ Women, Youth Girls, Disabled women, single mother and any other willing person who are looking for job, entrepreneurship are given first preference
- ✓ Eligible trainee/ participant is one who is willing to give her time for the consecutive 5 days from 10.00 a.m. to 4.00 p.m, learn and utilize this opportunity for her self-sustenance, employment.

#### List of Participants for the 1<sup>st</sup> Batch

S.No	Name	Father/ Spouse Name	Age	Area
1	G. Kamatchi	Gengadurai	35	Avurivakkam
2	S. Seetha	Sagayam	38	Avurivakkam
3	G. Murugammal	Gengan	35	Avurivakkam
4	R. Anitha	Rajini	33	Avurivakkam
5	P.Lavanya	Panner	32	Avurivakkam
6	N. Vickitha	Nagalingam	21	Avurivakkam
7	U. Sumeka	Upparavan	21	Avurivakkam
8	M. Saranya	Mari	29	Avurivakkam
9	K.Senthamil	Koteeswaran	32	Avurivakkam
10	R. Kasturi	Ravi	37	Avurivakkam
11	S.Chitra	Suresh	32	Avurivakkam
12	T. Usha	Thirumalai	36	Avurivakkam
13	V.Suganthi	Venkatesan	34	Thiruvellaivoyal
14	J.Nathiya	Jayavel	32	Thiruvellaivoyal
15	R.Ponmozhi	Ramesh	36	Thiruvellaivoyal

## List of Participants for the 2<sup>nd</sup> Batch

S.No	Name	Father/ Spouse Name	Age	Area
1	P.Durgadevi	Parthiban	41	Kulathumedu
2	S. Muktha	Saravanan	41	Kulathumedu
3	S.Megala	Selvam	32	Kulathumedu
4	M. Lakshmi	Murugan	27	Kulathumedu
5	P.Jayasutha	Paraman	39	Kulathumedu
6	V. Sumathi	viswanathan	36	Kulathumedu
7	S. Kalavathi	Sureshraj	37	Kulathumedu
8	R. Rajeshwari	Ramdass	30	Kulathumedu
9	V. Azhagu	Veeranan	43	Kulathumedu
10	M. Kalpana	Magesh	28	Kulathumedu
11	V. Angamuthu	Valliyappan	31	Kulathumedu
12	B. Ellamuthu	Barath	29	Kulathumedu
13	E. Suganya	Ellappan	31	Kulathumedu
14	S. Jayanthi	Selvam	30	Kulathumedu
15	S. Jayachitra	Srinivasan	39	Kulathumedu

### Day 1

#### Topics Covered

1. Birds View on Ornamental Fish Farming
2. Types of Ornamental Fishes
3. Tank Fabrication

The first input session was facilitated by Mr. Ahilan the Dean of TNFU wherein he very clearly explained the positive sides of ornamental fish farming namely its growth, market, species and its productivity. He gave a bird's view about Ornamental Fish farming and its relevance in Indian scenario and he also explained how effectively women can take up this as an economical, entrepreneurial activity. He said that,

Ornamental Fish Farming is more suitable and profitable for women. He also added that some grow them as a hobby, people who are fond of pets grow fishes because they are easy to handle, relaxes our stress and good for heart disease and cardiac problems and it is also good income trade. He added that over 120 countries are involved in ornamental fish farming and over 7000 species are traded of which 5000 species are fresh water types.

Countries like Singapore, Philippines, Czech, Malaysia, Israel, Japan and Sri Lanka are flourishing in this trade and it is an upcoming and blooming trade in India also. Especially, kolathur, Chennai is well known for Ornamental fish farming and it serves as an ornamental Fish Hub of the South India.



### **Important Ornamental or Fresh Water Fishes**

After Tea Break, Mr. Ravaneshwaran dealt in detail the types of Ornamental Fish farming. He expressed that, Ornamental Fishes are in two types. They are Live Bearers and Egg Layers. Under Live Bearers he listed out the following four species

1. Guppy
2. Molly
3. Platy and
4. Swordtail.

Live Bearers give birth to young ones and reproducing only a few numbers of offspring in comparison to the egg layers. Their breeding is relatively easy and development of young ones takes place inside the female, which are released after four weeks. The Number of offspring produced by live bearers is between 50-100 numbers. If properly fed with natural food, supplemented with better artificial feed the mortality caused by predation or cannibalism could be checked and the survival rate of the live bearers will be increased in size.



## Egg Layers

Important group of egg layers are barbs, rasboras, goldfish, tetras, betas, angelfish and gouramis. Among them, barb is one of the most important groups. Gold fishes are the most preferred fish for the Ornamental and aquarium fish farming. This group grows up to 20cm in length. Angel Fish is an important group of ornamental fish with different varieties such as black, marble, albino and veil tail, Among Gourami, three -spot gourami, moonlight gourami, giant gourami, pearl and kissing gouramis are the most important and export species. Some species that fall under this category namely disc fish, Angel and koi carp are very costly and are good export species of ornamental fishes too.

At the end of his session he gave practical tips that live bearers are easy and economical to grow and for marketing.

Post lunch session started around 2.00 P.M and again Mr. Ravaneshwaran shared his expertise and experience in fabricating tanks for ornamental fish farming. He fabricated a glass tank with a silicon paste, gun and glasses and very well explained how carefully and judiciously we need to make such tanks for sales or for our own purpose. All the trainees were tuned to the core to his inputs as well very anxious to witness the methods of fabricating glass tanks. It was a fruitful practical session and indeed the trainees were happy to learn tank fabrication. The highly appreciated points of the training are all the input sessions are done with power point presentations, the facilitators used a participatory approach by probing more and useful questions to the trainees, and they made their sessions in a simple and easy manner with the regional language of the trainees.



your land soil, water for test and with our assistance through lab technician we can help you out for a suitable and profitable fish farming.

### **Demo 'Tank Fabrication' by trainees**

The facilitator Mr. Ravaneshwaran made the participants spilt into small groups to make a demo and observe how the other group involves in preparing a tank. Accordingly, 4 volunteers from the group fabricated a glass tank with the guidance of the facilitator. The 4 have very carefully and capably made a glass tank with the provided gun and silicon paste. They felt very happy for making one good sellable glass tank on their own, they were also happy for handling a silicon gun with the loaded paste first time ever in their history. The practical session paved out good results.

### **Visit to the Hatchery Unit**



Followed by the practical session, women were taken to the hatchery unit to witness what all they have learned in their class room sessions. This session was facilitated by Mr. Yokesh, He was very skillful and informative and guided our trainees well and was very patient in explaining our trainees in details fish by fish and tank by tank. He had taken the trainees to the live bearers as well egg layers hatchery units and clarified their doubts. He also guided them to the units where live feed were prepared

and showed them how well and effectively they can also make live feeds at their homes.



After the visit to the hatchery unit, Yokesh also took trainees to the newly constructed FISH HEALTH CARE UNIT which is administered by Mr. Veera Mainthan where he grows ornamental fishes of export qualities. The trainees had a very good time and exposure to fishes such as Varieties of Angel Fish, Gourami, Arowana, Disc and other export qualities. He also explained them how these fishes can be grown in a low cost or cost effective way by using glass tanks and fiber fabricated tanks in a minimum portion of space that is available, he also added they can be grown in our backyards, open terrace and as well inside our homes with setting up of iron or wood racks systems. Really and fruitfully the visit to the hatchery units and the inputs of yokesh and Veeramainthan was very informative and made our trainees think very pragmatically how they can take up this trade in a domestic level and yet earn income sufficiently.

## **Aquatic plants and its management**



Dr. Manikandavelu HOD and Professor from Ponneri Fisheries University began his session by putting forth a question to the trainees, why do we use plants in fish tank/farming?, the trainees made a good attempt to the raised questions. The reasons are... Aquatic plants give a natural and pleasant look, they provide food for fishes, shelter and hiding place for fishes, for spawning site, for symbiotic relationship and they are best filters and reduce pH level. He also dealt in detail talked the 4 types of plants.

1. Floating plants
2. Emergent plants
3. Submerged plants (further divided into 2 kinds. Rooted, devoid)
4. Marginal plants

With the informative Power point presentation he made all the participants to learn easily and helped understand the importance of water plants and its effectiveness in fish farming. He also oriented what sort plants is suitable which type of fishes and how we can grow them or collect them from different sources and utilize it for ornamental fish farming.

## **Diseases**

Dr. Uma TNFU Professor facilitated the session on disease and control and management in fish farming. The disease is caused due to water, air, and soil and surrounding nature. The unlike factors or unwanted changes that occur in a fish is called disease. Generally egg layers get easily affected with diseases.

### **Ammonia poisoning**

Though not a disease, ammonia poisoning is a common problem in fish tanks – especially new ones. It can cause high levels of stress in your fish and lead to other health issues including bacterial disorders. If you see your fish gasping at the surface with red or inflamed gills, they may have ammonia poisoning. The water in their tank may appear murky, which is an indicator that the water hasn't been 'cycled'. To treat this condition, test the water for ammonia and pH, and check the water temperature. A 30 to 50 per cent water change is advised and you need to repeat this within 24 hours as necessary.



Clean the gravel in your fish tank with a gravel siphon and make sure you're using high-quality food that's not out of date. To prevent this condition avoid overfeeding, overcrowding and ensure your filtration system is working well.

### **Cotton mouth**

This bacterial infection can affect cold-water and tropical fish. It's sometimes confused with a fungal infection because of the appearance of white or grayish white spots on the fish's head, though usually this infection starts as a pale area around the head and mouth. This may turn yellow/brownish in colour with red-tinged edges. Bacteria generally affect the fish's mouth, but lesions can appear on the back that looks like a saddle on the fish's body. Some ways to treat this condition include a 30 per cent to 50 per cent water change with a siphon of the tank's gravel. Aquarium salt can be used, but ensure that your fish can tolerate it (see below).

### **Dropsy**

Usually fatal to fish, Dropsy is characterized by a swelling of your fish's abdomen, sometimes causing their scales to stick out. Your fish will appear listless and lose their appetite. If you're unsure if your fish has Dropsy, quarantine them immediately and take them to your local Green cross Vets. Maintaining your fish tank's water quality is key to keeping your fish safe from this condition. Also, be sure to feed your fish high-quality food and avoid overcrowding them. Test the water frequently and observe your fish for signs of stress.

### **Fin/tail rot**

If you see that your fish's fins or tail are frayed and the edges appear white, then they may be rotting. Your fish may also settle at the bottom of the tank and stop eating. This can be caused by poor water quality, but it can start with bullying from other fish. If your fish is being bullied, you should move them to the quarantine tank.

### **Fungal infections**

Fungal infections are one of the most common disorders for fish. Fungal spores naturally populate fish tanks, but sick, stressed or injured fish can cause a dangerous increase. These infections manifest as a white cotton-wool-like growth on the skin,

mouth, fins or gills. This condition is normally a secondary problem, so it will need a two-part treatment.



You'll first have to treat the underlying disease or injury via the infected fish spending time in the quarantine tank. Then go about cleaning your tank. A 30 to 50 per cent water change and a siphon of the tank's gravel are necessary. Aquarium salt can be used, provided your fish can tolerate it and an anti-fungal agent will serve you well.

#### Hole in the head

Cichlids and in particular Discus and Oscars are the fish breeds most commonly affected by this disorder. Vitamin deficiencies, poor-quality food and unhealthy water conditions can contribute to this ailment. You'll notice lesions that appear as small pits in your fish's head and on the lateral line. If you notice such lesions, perform a 30 to 50 per cent water change, checking the pH and water temperature, too.

Then improve your pet's diet with a high-quality flake food and a vitamin supplement. Add Aqua Plus or Stress Coat to improve your pet's slime coating and help them heal. If they don't improve, talk to your local Green cross Vets.

#### Itch or white spot

This is a nasty parasite that can be fatal if left untreated. At first you'll notice white spots that look like your fish has been sprinkled with salt. You may notice your fish rubbing against objects in the tank in irritation. They may also rapidly move their gills, be lethargic or sit at the bottom of the tank. You'll need to treat the whole fish tank to get rid of this parasite, which has a free-swimming stage to its lifecycle. Follow these steps for tropical tanks: Slowly increase the temperature of your tank over 24 hours to 29° C to speed up the lifecycle of the parasite

Keep the tank at this temperature while treatment continues

Treat with a specific White Spot cure and follow the instructions on the label

Remove carbon from your filter for the duration of the treatment period as carbon will absorb any medication you add to the water

Treat for the recommended amount of time even if you feel that it has passed, as there may still be parasites floating in the water

Cold-water fish will need to be treated with medication and aquarium salt as the temperature increase method will cause them stress. Be strict with quarantining new fish to avoid this nasty parasite.

### Popeye

Though it's not considered a disease, Popeye is more a symptom of an underlying problem. True to its name, Popeye causes a buildup of fluids either behind the eye or in the eye itself. This condition can be caused by fighting, a bacterial infection, or poor-quality water. If you notice an issue with your fish's eye, be sure to remove any sharp objects from the tank and observe them to see if there is an aggressor. It's best to keep your fish in the quarantine tank until they've healed and feed them high-quality food. Be aware that there may be an underlying bacterial infection, so don't skip the quarantining step. You may have to treat the entire tank. We recommend a 30 to 50 per cent water change and treatment with an antibacterial option.

### Slime disease

This parasitic disease is characterized by an overproduction of mucus coating, which appears as a grey/white to blue mucus coating. You'll also see rapid breathing if your fish has this ailment, which is caused by fish feel stressed.

### Swim bladder disorder

The swim bladder of a fish helps to maintain their buoyancy. Issues in this region are often down to such things as constipation and air gulping. This condition mainly affects fish such as the fancy breeds with globoid bodies – Orandas and Fantails. You may see symptoms such as swimming erratically, difficulty swimming to the bottom of the tank and floating to the surface.

Don't feed your fish for up to 48 hours and once that timeframe has elapsed, feed them thawed frozen peas (skinned), which will act as a natural laxative. If there is no improvement, treat the tank with aquarium salt and Furan 2. If your fish sit at the bottom, reduce the water level to about half to lessen the pressure on them.

If your fish are floating at the surface, reduce the filter current so they aren't battling against the elements. To prevent this condition, we advise soaking your pelleted food so your fish don't gulp air at the surface and to feed them a mix of frozen and dry food.



Prevention is definitely the key with this disease, so be sure to quarantine new fish and maintain high standards of water health

### **Nutrition & Feeding**

The session on Nutrition and Feeding was facilitated by Mrs. Ramya, Assistant Professor. She dealt in details the factors to consider in farming, the basic information required for feed formulation, different types of nutrients, foods that contain nutrients and types of feeds and feed preparation. She also talked about complete diet which fishes will need and cherish while growing. They are,

Protein sources, Lipid sources, Carbohydrates, Vitamins, Minerals, binders and additives such as antioxidants, enzymes, hormones etc...

### **Ornamental Fish Farming as an Alternative Livelihood**

The session on “Ornamental Fish Farming as an Alternative Livelihood” was facilitated by Mr. Veeramaindhan, President of KOF COS and who is also an entrepreneur in Fish Farming and involving many women in fish farming operated at Kolathur, Chennai. With his deep and vast experience and pragmatic expertise he made the session very lively and exuberant and very interesting.



He talked about how effectively we can utilize this as a productive business and what are all the sources available in government, what ways in which Kolathur Society can support the new entrepreneurs who want to take effort to start this business. He said, anyone can become a member in the society, or a group of 5 to 12 women can start up a group and do this business. He said, to become a member they need to submit their address proof, ID proof and he also explained the structure of society and how it functions wherein he said any formed society will have Office bearers. It will have a president, secretary and 5 directors and the membership in a society can go upto 25 memberships. Once you form a society you can avail loan up to 25 lakhs. He also said there are subsidized loan for women who start business individually or as group. Individuals can avail 60% subsidy loans and Groups can avail 90 to 100% subsidy loans.

### **Day 3**

#### **Live Feed and Its Management**



Mr. Ravaneshwaran, the Project Officer commenced the third day session with his usual way of probing. He made the trainees to reflect on what they have learned during the previous days on types and ornamental fish farming. Then he explained in details a

session on "Live feed and its Management" he started by saying that, Live feeds are good for fish because they are good contents of high protein, they protect fishes from diseases and improves their immune power. He listed out few Live feed and the ways of making them practically and he also suggested good numbers of alternative feed.

Some of the live feeds are...

- ❖ Infusoria
- ❖ Daphnia
- ❖ Blood worm
- ❖ slug worm
- ❖ Artimea
- ❖ Earthworm

He also suggested some practical tips for preparing alternative feed such as mixture bran and groundnut cake, boiled egg yolk, milk powder and so on

### **Breeding**

The session on breeding was facilitated by Mr. Ravaneshwaran wherein he said, Conditioning of parent fishes is essential before placing them together for spawning. For this, feed the fishes with a variety of healthy food such as flake food, brine shrimp, insect larvae and earthworms to make them attain suitable condition for spawning. While conditioning, the male, and females are separated, such fishes when reintroduced will be ready to spawn. The eggs are situated in the egg duct where they are fertilized. Upon hatching, the fry is not immediately delivered, but they remain in the safety of the mother's body until they reach a stage of development equivalent to the young of egg layers that have absorbed the yolk sac and become free swimming. The ideal temperature must be maintained at 270 c.



As the male matures, the anal fin became more pointed and straightened into a rigid tube like projection. It is a mobile organ, can be angled in almost any direction. The males' court the females with their fins erect and they chase the female until the opportunity presents itself for a lightning thrust of the gonopodium. The female is fertilized by the nearest touch of the gonopodium on her vent and a single fertilization will last for several broods. Unlike the male, the female has normal anal fin. Females can have up to eight broods from one fertilization; therefore, it is unnecessary to re-mate after the first brood. The gestation period is constant for every species.

Females about to give birth are said to be ripe. This condition can be determined by the appearance of the dark, crescent shaped area in the female body close to the vent known as the gravid spot, which is accompanied by a general fattening of the belly when viewed from above. The eggs develop and actually hatch out inside the mother and leave her body as fully developed fish. The number of young in a brood is largely dependent upon the size of the female. Irrespective of the number in the brood the fry are approximate all the same size at birth. Livebearers are notorious cannibals; they will devour their young ones as soon as they are born. This can be prevented by having an

abundance of cover for the young ones in the form of bunched fine leaved plants, or to use a breeding trap, which restricts the female to a small part of the aquarium, but allows the fry to escape into the wider reach of the breeding tank.

The preparation for the breeding tank is simple. It need not be too large for most species and should be filled to a depth of about 20cm with matured water, and the temperature is raised to about 25°C. The tank should be well stocked with fine leaved plants. Once the female has given birth to the full brood she can be removed. Instead of plants, nylon knitting wools can also be used. Handling livebearers when they are near the time to delivery can cause premature birth. Premature babies have not completely absorbed their yolk sac, which can be seen attached to their bellies. Livebearers normally kept in a community aquarium tank will breed indiscriminately, and will often crossbreed between similar species. If the aquarist is interested in obtaining a particular colour strain or any other feature for that matter, it is imperative that the sexes are housed separately.

### **Govt. Schemes/loans**

Ms. Angela Asst. Professor from Ponneri Fisheries University facilitated the session on government schemes and loans related ornamental fish farming. She expressed that, there are different types of schemes in different government departments. Some come under A.D office they are IAMWARM scheme and River base Scheme. Some schemes provide 100% subsidy, they give first preference women and SHGs. There are schemes that come under NFDB National Fish Development Board headquartered in Hyderabad some schemes come under MPEDA Marine Product Export Development Authority. She also added that, scope is huge for women, they need to explore them and guidance will be provided by us to get the schemes and loans.



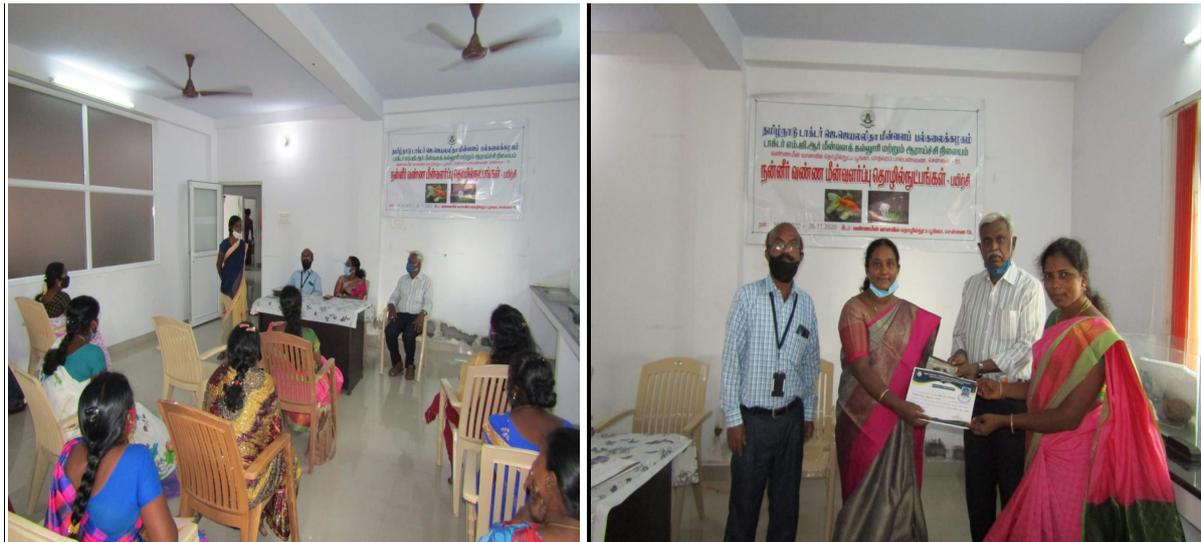
### **Eligibility Criteria**

- An individual or Group should own more than 200 sq. ft of land
- If there is no own land, land taken on lease for 7 years is suitable for availing a scheme/loan
- Prepare a project documents and apply with the needed documents

### **Valedictory ceremony**

Three Days training for the rural and Fisher folk, scheduled tribe, scheduled caste women on Ornamental Fish Farming Techniques came to an end with the valedictory ceremony held on 19<sup>th</sup> of November 2020 for the 1<sup>st</sup> batch and on 28<sup>th</sup> November 2020 for the 2<sup>nd</sup> batch respectively. Before to the ceremony, the participants were asked submit written feedback forms and a few were asked to present and share learning's in the form of feedback wherein Mrs. Durga Devi and Muktha shared their experience, learning's they acquired during the 3 days training. They said that it was an eye opener and they learned how to do this as a domestic trade where women can stand on their own and support to the family income. They also well requested both the university and Jeevajyothi to support them and guide them technically and financially when they take up this entrepreneurship in future. They expressed that JJ and the University should stand in good support to their efforts and help them provide inputs to write proposals and provide guidance to avail loans to start up this trade. The ceremony was chaired by

Mrs. Lloyd the Dean of Food and Nutrition university TNFU and the Project Officer Mr. Ravaneshwaran and Mr.V. Susairaj, Director Jeevajyothi were also present during the ceremony. Each participant was given a completion certificate and a hand book on Ornamental Fish farming.



The Dean of Food and Nutrition University of Fisheries, Madhavaram and other officials gathered in the ceremony motivated women to take up this trade once they complete this training either individually or as Self Help Group to mark the importance of this training. When she addressed the trainees she added that the aim or the objective of the training is to make women entrepreneurs and facilitate them to be autonomous. So the objective of the training will be fulfilled only when some women take up this as an economical activity and promote women entrepreneurship. The chief guest of the ceremony also insisted that if you do not convert your training or learning into business especially in the form of Ornamental Fish Farming or entrepreneurial business then these 3 days of training would go in vain and it will not serve its purpose. Finally the participants along with the TNFU officials and with JJ team jointly posed for a group photo to register and document the memory.



An enlightened Women posing after the Valediction Ceremony Nov-2020

## COVID 19 GCC Project

We worked in Zone 3 for the COVID 19 Pandemic , Regular temperature checkups and house visited werte done. we created awareness to the community daily basis.

Distributed Kabasuraner, Mask to the public, Created awareness through street theatre programmes. Nearly 30 staff worked in this project. Regular reporting was done through Online. Counselling and inhouse training were conducted to sensitize staff.

Review and monthly meetings were conducted.



With the support of UNICEF we placed 10 Tippy taps in all our working areas which includes Rice mills, Brick kilns, Day care centres, shelter home, Multipurpose centre etc.

Produced 2 Mime videos to created awareness on COVID 19 and how to handle the persons affected with COVID 19. Through YOUTUBE many were given awareness . We printed poster and bit notices to create awareness for the general public.



## **"Empowering Community with COVID specific message through risk communication and community engagement interventions"**

The covid response project of Jeeva Jyothi on "Empowering Community with COVID specific message through risk communication and community engagement interventions" was initiated with the support of UNICEF.

The Following interventions are held as part of the project

### **1. Creating of Video Contents**

a. Three video with Mime team were developed with the following theme in English and Tamil

- i. Self Discipline and Abstinence as a way of life to protect against Covid 19
- ii. Hygiene Practices during Covid19 pandemic
- iii. Addressing Stigma and Discrimination during Covid Pandemic

b. Graphical Video Contents with contents with information on

- i. Proper usage of masks
- ii. Appropriate disposal of masks
- iii. Hygiene Practices
- iv. Respiratory Hygiene

v. Children during Covid Pandemic

c. Audio Story Book

- i. An audio story book for children on covid19 hygiene and supportive behavior was produced and widely circulated.

These productions are widely circulated among the Covid19 field volunteers who in turn used in their awareness programmes.

**Hygiene awareness generation among marginalized & migrant communities**

In order to create awareness among the marginalized & migrant communities on the hygiene practices tippy taps were set up in the work places

- a. Six Tippy Taps in Labour Colonies of Rice Mill Workers and Brick Kilns
- b. Three tippy taps in the Day Care Centres extending support to children of marginalized & migrant communities
- c. One Tippy Tap in the Anandha Illam Child Care Institution

The Tippy Taps including leg operated water and handwash dispenser along with the table and 50 litres container for water. Along with the tippy taps hand wash liquid that can last for one month was also supplied. The usage was monitored for over three months on a regular basis.

Greater Chennai Corporation – Covid19 Community Intervention Programme

Jeeva Jyothi joined hands with Greater Chennai Corporation for the implementation of its Covid19 Community Intervention Programme to reach out the communities for daily monitoring of individuals in the community and refer the sick and the individuals with symptoms to the primary health centre for RT-PCR test and the treatment follow up

The details of the project

Particulars	Numbers
No. of Slums Allotted	7
No. of Slums Covered	7

No. of Streets Covered	70
No. of Household profiles completed	2628
No. of Households with vulnerable members identified ( <b>ONLY</b> household count and <b>NOT</b> individual count)	612

No. Of Households provided with facemasks and Kabasura kudineer	2627
No. Of Facemasks distributed	3000
No. Of Kabasura kudineer distributed	5239
No. Of Households provided with Diabetes medicines	35
No. Of Medicines for Diabetes distributed	35
No. Of IEC materials distributed	5000

<b>VII. Key influencers/sensitization details</b>	<b>Cumulative</b>
No. of key influencers identified	78
No. of establishments identified (All shops & eateries)	173
No. of establishments sensitized on covid-19 prevention measures	90
No. of establishments provided with IEC materials (Display materials & Handouts)	90

## TNCRW Covid19 Learning Lab

The Tamil Nadu Child Rights Watch-TNCRW is a State level Forum of NGOs and Activists working for the rights of children. With members across TamilNadu engaged actively in realizing a range of different rights of children through field intervention, awareness building, support services, capacity building, advocacy and legal interventions our members have been catalysts of change in the area of intervention they work. Jeeva Jyothi is the state convener organization.

The TNCRW is a platform for members to come together, share experiences and initiate common activities to advocate with the State and Union governments for better realization of the rights of the child as enshrined in UN Convention on the Rights of the Children adopted in UN General Assembly on 20<sup>th</sup> Nov 1989 and ratified by the Government of India on 11<sup>th</sup> December 1992.

### Covid19 Interventions

Members of TNCRW actively engaged in awareness generation, relief and rehabilitation activities to reduce the spread of infection and the impact of Lockdown on the Children and Vulnerable population. This TNCRW Covid19 Learning Lab was an initiative to create the capacities of the frontline workers to learn from the leaders and to get equipped in effectively implementing the awareness generation, relief and rehabilitation activities.

S. No	Session Topic	Date and Time
1.	Basics of Covid19	09. 05. 2020
2.	Ensuring Child Rights amidst Covid19 Lockdown	11. 05. 2020
3.	Addressing Child Protection amidst Covid19 Lockdown	12. 05. 2020
4.	Protecting Children from Online vulnerabilities during Covid19 pandemic	14. 05. 2020
5.	Role of Teachers and Parents in engaging children during Covid19pandemic	15. 05. 2020
6.	Stigma and Discrimination in Covid19 pandemic – Need for Solidarity	16. 05. 2020
7.	Getting ready to address the child protection issues as an impact of Covid19 infection and lockdown	18. 05. 2020
8.	Addressing the Crimes against Women and Children during Covid19 infection and lockdown	19. 05. 2020
9.	Maintaining Healthy Life Style and Diet to enhance immunity during Covid19 infection and lockdown	20. 05. 2020

10.	Role of Civil society in safeguarding livelihood of differently abled during the pandemic	21. 05. 2020
11	Extending Psycho Social Support to Children during Covid19 Pandemic and Lockdown	22. 05. 2020
12	Problems faced by unorganized workers and its impact on their children during and post pandemic	25. 05. 2020
13	Problems of children from disadvantaged communities and the role of civil society in protecting their rights	26. 05. 2020
14	Issues of children in urban slums – understanding the reality and policy lapses	27. 05. 2020
15	Understanding Pandemic in the voices of Children – Call for action	28. 05. 2020
16	Tobacco Free World is a right of every child – Leveraging the Lockdown opportunities	29. 05. 2020

**Conclusion :**

**This year we had a good experience by working with many new innovative programmes. We touched all the sectors of the people in the community.**



