



NETFISH-MPEDA



**मासिक विवरण
MONTHLY REPORT**

**फरवरी-2020
February-2020**



मत्स्य गुणता प्रबंधन और चिरस्थायी मत्स्ययन नेटवर्क (नेटफिश)

Network for Fish Quality Management & Sustainable Fishing (NETFISH)

वल्लारपाटमपी. ओ., एर्णाकुलम-682 504, केरल, भारत

Vallarpadam P.O., Ernakulam - 682 504, Kerala, India

Ph: 0484 2982205

netfish@mpeda.gov.in

www.netfishmpeda.org

REPORT ON ACTIVITIES OF NETFISH DURING FEBRUARY 2020

1) Summary:

As part of its various extension activities, the NETFISH conducted 186 awareness programmes in the month of February 2020, benefitting around 5207 fishery stakeholders.

S.N	Type of extension programme	No. of programmes	No: of Beneficiaries
1	Harbour/LC/Fishermen Village Training Programme	71	1856
2	On-board training programme	31	347
3	Pre-processing/Processing centre training	12	374
4	Dry Fish training	17	504
5	Skill Development programmes	12	191
6	Sea Safety & Navigation training	18	783
7	Other special programmes	25	1152
	Total	186	5207

2) Highlights of the month:

- ▶▶ NFDB sponsored Onboard programme for popularization of square mesh cod ends at West Bengal, Andhra Pradesh, Kerala, Karnataka, Maharashtra and Gujarat.
- ▶▶ 'Onboard Skill Development Training Programme on Tuna long line fishing' at Tamil Nadu.
- ▶▶ CIFT sponsored Capacity building training programmes for SC fishers' in West Bengal, Karnataka and Odisha.
- ▶▶ Awareness programme on Sea Safety & Navigation in West Bengal, Andhra Pradesh, Tamil Nadu, Kerala and Gujarat.
- ▶▶ Paradeep Port Trust sponsored awareness training programmes for fishers in Odisha.
- ▶▶ Mass communication programmes at Andhra Pradesh and Kerala.
- ▶▶ Door to door awareness programme at Munambam area.
- ▶▶ Awareness programme on "Bachpan Bachavo Andolan" at Thoppumpady fishing harbour.
- ▶▶ Awareness programmes for fishers in Pondicherry & Karaikal under FIMSUL project

3) State wise/Region wise details of Extension Programmes conducted during the month:

The details of extension activities conducted by NETFISH at various regions during February 2020 are given in the below table and subsequent sections:

State/Region	FH/LC/FV	On-board	PPC/PC	Df	Skill Dev	Sea Safety	Other Special Programmes	Month's -Total programmes& beneficiaries		Financial year - Total programmes& beneficiaries	
West Bengal	6	8		14	2	1		31	774	154	3788
Odisha	5	1	2		0		2	10	285	126	3203
Andhra Pradesh	2	1	4		1	2	2	12	708	81	3080
TN North	6		1	1	0	6	14	28	840	130	4233
TN South					6			6	60	69	2211
Kerala South		16	5		0	2	5	28	626	128	4081
Kerala North	8	1		2	0	3	2	16	428	121	3672
Karnataka & Goa	23	1			3			27	561	117	3425
Maharashtra	11	1			0			12	322	99	2806
Gujarat	10	2			0	4		16	603	131	4011
Month's -Total programmes& beneficiaries	71	31	12	17	12	18	25	186	5207	1156	34510
	1856	347	374	504	191	783	1152	5207			
Year - Total programmes& beneficiaries	659	151	93	87	21	33	112	1156			
	19008	1916	2750	2569	428	1275	6564	34510			

1. WEST BENGAL

In West Bengal, 31 extension programmes were conducted during February 2020 as per the details given below.

Selected place	Ob	FH/LC/FV	Df	Skill Dev.	Sea Safety	Total programmes	Total beneficiaries
Freserganj	1		2		1	4	119
North 24 Parganas				1		1	20
South 24 Parganas	3	2	5	1		11	254
Purba Medinipur	2	4	7			13	346
Deshapran	2					2	35
Total	8	6	14	2	1	31	774

No	Date	Place	Type of Programme	No: of Beneficiaries
1	01.02.20	Haripur, Freserganj	Dry Fish -CIFT	30
2	01.02.20	Lalganj, Freserganj	Dry Fish -CIFT	30
3	02.02.20 to 04.02.20	Freserganj	Sea Safety & Navigation	52
4	06.02.20	North 24 Parganas	Value Addition of Fishery Products -CIFT	20
5	11.02.20	Freserganj	Onboard -CIFT	7
6	11.02.20	Paschim Amarabati, South 24 Parganas	Dry Fish -CIFT	30
7	12.02.20	Mukundapur, South 24 Parganas	Onboard -CIFT	9

8	12.02.20	Hanra LC, South 24 Parganas	FH/LC/FV-CIFT	30
9	12.02.20	Jaldah, Purba Medinipur	Dry Fish -CIFT	30
10	12.02.20	Balarampur, Purba Medinipur	Dry Fish -CIFT	30
11	13.02.20	Nizkashba, Purba Medinipur	Dry Fish -CIFT	30
12	14.02.20	Deshapran	NFDB sponsored onboard training programme	20
13	15.02.20	Nizkashba, Purba Medinipur	Onboard -CIFT	9
14	18.02.20	Beguakhali, South 24 Parganas	Dry Fish -CIFT	30
15	18.02.20	Madhyapara, South 24 Parganas	Dry Fish -CIFT	30
16	19.02.20	Gangasagar, South 24 Parganas	Onboard -CIFT	08
17	19.02.20	Beguakhali, South 24 Parganas	Dry Fish -CIFT	30
18	19.02.20	Dahasonamui, Purba Medinipur	Dry Fish -CIFT	30
19	19.02.20	Kalapunja, Purba Medinipur	Dry Fish -CIFT	30
20	20.02.20	Haripur, Purba Medinipur	Dry Fish -CIFT	30
21	20.02.20	Haripur, Purba Medinipur	Onboard -CIFT	07
22	20.02.20	Tapoban, South 24 Parganas	Dry Fish -CIFT	30
23	21.02.20	Malancha, Purba Medinipur	Dry Fish -CIFT	30
24	25.02.20	Deshapran	NFDB sponsored onboard training programme	15
25	26.02.20	Kalapunja, Purba Medinipur	FH/LC/FV-CIFT	30
26	26.02.20	Sonakonia, Purba Medinipur	FH/LC/FV-CIFT	30
27	26.02.20	Jharkhali, South 24 Parganas	FH/LC/FV-CIFT	30
28	27.02.20	Sundarpur, Purba Medinipur	FH/LC/FV-CIFT	30
29	27.02.20	Kalapunja, Purba Medinipur	FH/LC/FV-CIFT	30
30	27.02.20	Jharkhali, South 24 Parganas	Value Addition of Fishery Products -CIFT	20
31	28.02.20	Jharkhali, South 24 Parganas	Onboard- CIFT	7

In order to create awareness among the sea going fishers specially the skippers of the mechanized fishing vessel on safety measures at sea, a three days training programme cum workshop was organized by NETFISH-MPEDA, Kolkata in collaboration with the Institutions of Engineers (India)- Rural Development Forum, supported by Bose Institute, Kolkata at Freserganj Panchayat Office, South 24 Parganas from 2nd to 4th February 2020. About 50 participants including boat skippers, engine drivers and crew members were actively participated in the programme. The programme was inaugurated by Shri. S. K. Banerjee, Ex-President, IE-RDF. Shri. Abhijit Dasgupta, Commandant, Indian Coast Guard, Freserganj station was the chief guest of the programme and he talked about various types of hazard faced by the fishermen while on fishing, and precaution to be taken to avoid such incidents and rules of the road for safe navigation. Shri. Atanu Ray, State Coordinator briefed about the three days programme and also expressed that all the fishing vessels should be well equipped with various life saving equipments such as life jackets, life buoy, DAT, GPS and other navigational equipments. Shri. Jayanta Pradhan, Asst. Director of Fisheries (Marine), Diamond Harbour highlighted on MFR Acts of West Bengal. The resource persons explained in details about various aspects of sea safety, navigation, seamanship, diesel engine and its maintenance through power point presentation. A practical demonstration on use of life jacket, life buoy, DAT and GPS

were also shown to the trainees. A training kit and certificate was also distributed to all the participants.

Two numbers of NFDB Sponsored Onboard training programme for “Popularization of Square mesh cod ends in Trawls” were conducted on 14th and 25th February 2020 at Deshapran fishing harbour and Rasulpur landing centre, Purba Medinipur. A total of 30 participants attended the training programme. Onboard trials were conducted using 20 mm and 15 mm Square mesh cod end covered with diamond mesh cod end. The trainees observed the positive result with 20 mm square mesh cod end and they expressed their willingness to operate square mesh cod end instead of diamond mesh cod end to sustain the marine resource. NETFISH distributed training kit and certificate to the participants.



NFDB Onboard programme at Rasulpur FH



NFDB Onboard programme at Deshapran FH

As part of Joint capacity building programmes for SC fishers under the SCSP component of the ICAR-CIFT, 28 training programmes including 6 onboard training programmes, 6 Fishing harbour/landing centre/ fishermen village training programme, 14 dry fish training programmes and 2 Skill development training programme on Value added fishery product were conducted in February 2020. Hygienic handling of fishes onboard and conservation measures onboard were taught to the 47 trainees attend the onboard training programmes. Around 180 beneficiaries attended the fish quality management training programme in the fishing harbour and landing centre. The dry fish trainings included hands on training on hygienic production of dryfish and 420 nos. of SC fisherwomen were benefitted by these trainings. To improve the livelihood of SC fisherwomen community, 2 hands on training programme on ‘Value Added Fishery Products’ were conducted at Amarabati, Freserganj and Jharkhali, South 24 Parganas. A total of 40 SC fisherwomen attended the training and they were given hands on training on preparation of products such as Fish Ball, Fish Pickle, Prawn Pickle, Coated Prawn products such as Breaded Butterfly, Breaded Stretched Shrimp, Fish Pakora, Fish cutlet, Fish fry etc. from low valued fishes.

**On board programme****VAFP training****Dry fish programme**

In addition to the above, following are the other activities performed during the month.

No.	Date	Official(s) involved	Work done
1	12.02.20	DD & AD MPEDA and SCO	Inspection and capacity fixation of IQF machineries at M/s. Global Aqua and M/s. Mega Moda Exports, Howrah
2	13.02.20	DD & AD MPEDA and SCO	Inspection and capacity fixation of IQF machineries at M/s. K N C Agro Ltd, Purba Medinipur
3	28.02.20	AD & SCO	Talk on sustainable mangrove crab farming and market under 5 days SC/ST programme on sustainable aquaculture at Jharkhali, South 24 Parganas

2. ODISHA

In Odisha, 10 awareness programmes were conducted in February 2020 as per the details given below.

Selected place	Ob	FH/LC/FV	PPC/PP	Other Spl.	Total programmes	Total beneficiaries
Chilka		3		2	5	150
Balasore	1	2			3	75
Paradeep			2		2	60
Total	1	5	2	2	10	285

No	Date	Place	Type of Programme	No: of Beneficiaries
1	04.02.20	Chilka	FH/LC/FV- PPT Fund	30
2	05.02.20	Chilka	FH/LC/FV- PPT Fund	30
3	06.02.20	Chilka	FH/LC/FV- PPT Fund	30
4	06.02.20	Balasore	FH/LC/FV- PPT Fund	30
5	07.02.20	Balasore	FH/LC/FV- PPT Fund	30
6	08.02.20	Balasore	Onboard	15
7	12.02.20 to 17.02.20	Chilka	CIFT Sponsored One week Skill Development programme for SC fishers	30
8	18.02.20	Paradeep	PPC/PC	30
9	22.02.20	Paradeep	PPC/PC	30
10	24.02.20 to 29.02.20	Chilka	CIFT Sponsored One week Skill Development Programme for SC fishers	30

“One week Skill Development training programme for SC fishers” under SCSP programme of CIFT was conducted at Jayantipur, Chilka from 12th to 17th February 2020. The six days long programme started with an inaugural function followed by technical sessions on various topics

related to fisheries and exposure visit to seafood plant, landing centre and aquaculture farm. Officials from MPEDA, State Fisheries Department, members of Chilka Development Authority, members of Jayantipur PFCS, SCO, NGO and 30 fishermen were attended the inaugural function. It was followed by technical sessions on capture fisheries and culture fisheries in Chilka Lake, Export variety fishes in Chilka Lake, HACCP, etc. On the second day discussions were conducted on Odisha Marine Fishing Regulation Act (OMFRA), Potential Fishing Zone, subsidy schemes applicable to Chilka area and FFMA (Fisher Friendly Mobile App) which gives climate related information. On third day, the trainees were taken to M/s. Magnum Seafood pvt. Ltd to study and understand different steps in processing unit ie., from raw material receiving, pre-processing, processing (block & IQF), packing and cold storage. On the fourth day, another field visit was arranged to aquaculture farm where the trainees got the opportunity to visit the crab bank and observed several stages of handling methods in the crab bank with optimum hygiene from the collection of mother crab till the release of crab lings to the sea. Feedback of the training programme was discussed on the next day and a plastic waste collection programme was conducted to keep the fishing jetty and surrounding village area plastic free. A boat cleanup programme was also organized on the final day at Chilka fish landing centre. Evaluation of the training programme was also conducted on the last day and certificates were distributed to all the participants.

The second programme in this context was conducted at Sanapatana Village, Puri from 24th to 29th February 2020. The second programme also included technical session on various topics related to fisheries and exposure visit to Seafood processing unit, Aquafarm and landing centre.



One week Skill Development training programme in Jayantipur & Sanapatana

During the month, 5 numbers of Fishing Harbour /Landing Centre/ Fishermen Village training programmes were conducted using the CSR fund received from Paradeep Port Trust.

3. ANDHRA PRADESH

In Andhra Pradesh, 12 training programmes were conducted in February 2020 as per the details given below.

Selected place	Ob	FH/LC/ FV	PPC/ PP	Skill Dev.	Sea Safety	Other Spcl.	Total programmes	Total beneficiaries
Vizag		2	4		1	2	9	611
Pudimadaka				1	1		2	82
Machilipattinam	1						1	15
Total	1	2	4	1	2	2	12	708

No	Date	Place	Type of Programme	No: of Beneficiaries
1	04.02.20	Visakhapattinam	FH/LC/FV	30
2	05.02.20	Visakhapattinam	PPC/PP	30
3	06.02.20	Visakhapattinam	PPC/PP	30
4	11.02.20	Visakhapattinam	FH/LC/FV	30
5	14.02.20	Visakhapattinam	Mass communication & auto canvassing on SMCE and TED	200
6	15.02.20	Visakhapattinam	Mass communication & auto canvassing on SMCE and TED	200
7	19.02.20	M/s Danica Aqua Exports, Visakhapattinam	PPC/PP	21
8	19.02.20	M/s Danica Aqua Exports, Visakhapattinam	PPC/PP	20
9	20.02.20	Pudimadaka	Tuna fish processing	30
10	25.02.20	Pudimadaka	Sea safety and Navigation	52
11	27.02.20	Machilipatnam	NFDB Sponsored Onboard training programme	15
12	28.02.20	Visakhapattinam	Sea safety and Navigation	50

On 20th of the month, NETFISH had organized a Skill development training programme on production of Sashimi grade tuna to the fishermen at Pudimadaka fish landing center. Around 30 hook and line fishermen attended the programme in which State coordinator, NETFISH demonstrated the various steps in processing of Sashimi grade tuna, like spiking, bleeding, gilling, degutting, chilling, icing and storage.



NETFISH had conducted two numbers of Sea Safety & Navigation training programmes at Pudimadaka fish landing centre and Visakhapattinam fishing harbour on 25th and 28th of the month respectively. Dr. Phani Prakash, Joint Director, Dr. Lakshmana Rao, Assistant Director and FDO's from Department of Fisheries, Sri. Prasad Naik, AD, SRD, MPEDA Vizag, Circle

Inspector, Superintendent Inspector and Guards from Marine Police Station, Presidents from Fishermen Associations & Fishermen Societies and around 102 active fishermen were participated in these programmes. Shri. Prasad Naik, AD, MPEDA explained the MPEDA subsidy scheme for By-Catch Reduction Devices, Turtle Excluder Device and Vessel Monitoring System. Marine Police demonstrated the use of lifesaving equipment such as life buoy, Life jacket etc. to the participants. Shri. Murthy, Representative from M/s Elektronic Lab (I) Pvt Ltd., Visakhapatnam demonstrated the Inmarsat Satellite ISAT2 phone to the boat owners and Dept of fishery officials. The Department officials explained the significance of Distress alert button available in the ISAT phone and also suggested the boat owners to keep adequate number of lifesaving equipments in their fishing boats.



Sea Safety programme at Pudimadaka



Sea Safety programme at Vizag

NFDB sponsored onboard programme for popularization of square mesh cod end was conducted at Machilipattinam fishing harbor on 27th February 2020. Shri.Lanke Venkateswara Rao, President, Machilipatnam Mechanized Boat owners Association inaugurated the function. During the inaugural function, State co-ordinator, NETFISH explained the importance and advantages of square mesh cod end to the trainees. The onboard trial was conducted with 2 cod ends ie., 20 mm diamond shaped cod end and 25 mm square mesh cod end. Both these cod ends were covered with a layer of 10 mm sized net to collect the by-catch. After the onboard trial fishermen noticed that due to the less by-catch in 25 mm square mesh cod end segregation of catch was so fast and also noticed that about 2 litres diesel per hour was saved while using 25 mm square mesh cod ends when compared with the 20 mm diamond cod ends. After the onboard trial, the trainees were convinced the advantages of square mesh cod end. A total of 30 fishermen attended the training programme. NETFISH distributed training kit including notebook, pen and training manual and T-shirt, gum boots and hand gloves to the participants.



NFDB sponsored onboard programme for popularization of square mesh cod end at Machilipattinam

The details of other works and activities performed during the month are briefed below.

No:	Date	Officials involved	Work Done
1	18.02.20	SCO	Attended the Stake holders meeting on National Policy on Post-harvest processing and Marketing.
2	24.02.20	SCO & NGO	Discussion with AD, Department of fisheries and boat owners about VMS Scheme of MPEDA at Vizag fishing harbour
3	25.02.2020	SCO	Discussion with the JD and AD RD MPEDA on VMS Scheme
4	26.02.2020	JD & AD RD MPEDA Vijayawada and SCO	Discussion with the COF about the implementation of Scheme with the Department of Fisheries.

► **NETFISH IMPACTS**

As a result of NETFISH regular awareness programme on Sea safety and Navigation a Change was observed in utilizing the Vessel Monitoring Scheme of MPEDA. One of the Tuna fishing boat owner from Kakinada fishing harbour paid the full amount and booked the INMERSAT ISAT2 Phone and received the handset with the



registration and license from BSNL and WPC. The application process was done by M/s. Electronic labs, Visakhapatam. The set was handed over to him by Shri. Mopidevi Venkata Ramana, Minister of AP State Fisheries on 26th February 2020 at the Commissioner Office in a meeting of APFCOF. Shri. Vijayakumar Yaragal, JD MPEDA and Shri. Brahmeswara Rao AD RD MPEDA Vijayawada arranged the platform and made the programme success.

4. TAMIL NADU NORTH

Along Northern coastal region of Tamil Nadu, 28 training programmes were conducted during the month as per the details given below.

Selected Place	FH/LC/ FV	PPC/PC	Df	Sea Safety	Other Spcl	Total programmes	Total No: of Beneficiaries
Karaikal	2			1	14	17	510
Nagapattinam	2			1		3	90
Cuddalore	1	1		2		4	120
Pondicherry	1		1	2		4	120
Total	6	1	1	6	14	28	840

No:	Date	Place	Type of Programme	No: of Beneficiaries
1	06.02.20	Karaikal	FH/LC/FV	30
2	07.02.20	Karaikal	Sea Safety & Navigation	30
3	07.02.20	Nagapattinam	FH/LC/FV	30
4	08.02.20	Nagapattinam	Sea Safety & Navigation	30
5	10.02.20	Cuddalore	Sea Safety & Navigation	30
6	10.02.20	Cuddalore	FH/LC/FV	30
7	11.02.20	Pondicherry	Sea Safety & Navigation	30
8	11.02.20	Pondicherry	Dry fish	30
9	12.02.20	Cuddalore	Sea Safety & Navigation	30
10	13.02.20	Karaikal	FH/LC/FV	30
11	14.02.20	Nagapattinam	FH/LC/FV	30
12	17.02.20	Pondicherry	Sea Safety & Navigation	30
13	17.02.20	Pondicherry	FH/LC/FV	30
14	18.02.20	Karaikal	Rules of the road & weather warning training programme	30
15	18.02.20	Cuddalore	PPC/PP	30
16	19.02.20	Karaikal	Rules of the road & weather warning training programme	30
17	20.02.20	Karaikal	Rules of the road & weather warning training programme	30
18	21.02.20	Karaikal	Rules of the road & weather warning training programme	30
19	21.02.20	Karaikal	Marine regulations acts and rules training programme	30
20	22.02.20	Karaikal	Marine regulations acts and rules training programme	30
21	24.02.20	Karaikal	Occupational safety and health in Fisheries	30
22	25.02.20	Karaikal	Occupational safety and health in Fisheries	30
23	25.02.20	Karaikal	Food safety with reference to fish and dry fish	30
24	26.02.20	Karaikal	Occupational safety and health in Fisheries	30
25	26.02.20	Karaikal	Food safety with reference to fish and dry fish	30
26	27.02.20	Karaikal	Food safety with reference to fish and dry fish	30
27	28.02.20	Karaikal	Occupational safety and health in Fisheries	30
28	28.02.20	Karaikal	Food safety with reference to fish and dry fish	30



In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	06.02.20	SCO	Discussion with DD Fisheries, Karaikal regarding FIMSUL training programme
2	08.02.20	SCO	Arrangements for tuna training programme. 2 boats started voyage on 8 th February night at 10pm and 1 boat on 9 th February at 5 am
3	12.02.20	SCO	Discussion with boat owners association members at Cuddalore about tunatraining programme
4	14.02.20	SCO	Discussion with boat owners regarding tuna training and collected the boat details from Nagoor
5	29.02.20	SCO	Discussion with boat owners association members regarding on board training programme

5. TAMIL NADU SOUTH

In Tamil Nadu South region, 6 'Onboard skill development training for Tuna long lining' was conducted during the month as per the details given below.

Selected Place	Skill Development programme	Total programmes	Total No: of Beneficiaries
Tuticorin	6	6	60
Total	6	6	60

No:	Date	Place	Type of Programme	No: of Beneficiaries
1	8.2.20 to 16.2.20 (9 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: Amudha Mozhi - IND-TN-06-MM-6523)	10
2	9.2.20 to 16.2.20 (8 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: Amudhan IND-TN-06-MM-1133)	10
3	8.2.20 to 10.2.20 (3 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: IND-TN-06-MM-5148)	10
4	17.2.20 to 25.2.20 (9 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: Amudha Mozhi - IND-TN-06-MM-6523)	10
5	17.2.20 to 26.2.20 (10 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: Mahalakshmi- IND-TN-06-MM-875)	10
6	19.2.20 to 29.2.20 (11 days)	Nagapattinam FH	Skill development training programme for Tuna long line fishing (FV: Sahana- IND-TN-06-MM- 5756)	10



6. KERALA SOUTH

Along Southern Kerala, 28 awareness programmes were conducted during the month as per the details given below.

<i>Selected Place</i>	<i>Ob</i>	<i>PPC/PP</i>	<i>Sea Safety</i>	<i>Other spl.</i>	<i>Total programmes</i>	<i>Total No: of Beneficiaries</i>
Thottappally	9				9	89
Thoppumpady	7		2	3	12	317
Sakthikulangara		5		1	6	201
Azheekkal				1	1	19
Total	16	5	2	5	28	626

<i>No:</i>	<i>Date</i>	<i>Place</i>	<i>Type of Programme</i>	<i>No: of Beneficiaries</i>
1	05.02.20	Thottappally	Onboard	10
2	05.02.20	Thottappally	Onboard	8
3	06.02.20	Thoppumpady	Onboard	10
4	06.02.20	Thoppumpady	Onboard	8
5	08.02.20	Thottappally	Onboard	10
6	08.02.20	Thottappally	Onboard	11
7	10.02.20	Thoppumpady	Sea Safety & Navigation	30
8	10.02.20	Thoppumpady	Sea Safety & Navigation	30
9	11.02.20	Thoppumpady	Mass Communication	45
10	11.02.20	Thoppumpady	Onboard	8
11	11.02.20	Thoppumpady	Onboard	8
12	11.02.20	Thoppumpady	Stake holders meeting	60
13	12.02.20	Thottappally	Onboard	10
14	12.02.20	Sakthikulangara	PPC/PP	40
15	13.02.20	Thottappally	Onboard	10
16	13.02.20	Thottappally	Onboard	10
17	14.02.20	Sakthikulangara	PPC/PP	30
18	14.02.20	Sakthikulangara	PPC/PP	39
19	15.02.20	Thottappally	Onboard	10
20	15.02.20	Thottappally	Onboard	10
21	17.02.20	Thoppumpady	Onboard	10
22	17.02.20	Thoppumpady	Onboard	10
23	17.02.20	Thoppumpady	Onboard	8
24	18.02.20	Sakthikulangara	Stake holders meeting	18
25	18.02.20	Sakthikulangara	PPC/PP	30
26	18.02.20	Sakthikulangara	PPC/PP	44
27	19.02.20	Azheekkal Kayamkulam	Stake holders meeting	19
28	24.02.20	Thoppumpady	Awareness programme "Bachpan Bachavo Andolan" to eradicate child labour and child trafficking	90

During the month 2 nos. of awareness programmes on Sea Safety and Navigation was conducted in Thoppumpady fishing harbour. The programmes included awareness class on navigational signals, rules of the road, importance of license, lifesaving equipment, etc. Practical



demonstration of use of life jacket was also done during the programme. A total of 60 beneficiaries had attended the training programmes.

A mass communication programme was conducted at Thoppumapdy fishing harbour on 11th February 2020. Around 45 fishermen were benefitted through the programme in which awareness notices about hygienic handling of fish and ice at fishing harbor were distributed among them.



To improve the hygienic condition in fishing harbour, landing centre and processing centers, various stakeholder meetings were organized during the month in Kerala South region. A stakeholder meeting was organized at Chamber of Kerala Seafood Industry, Eramallur on 11th February 2020. Around 60 peeling shed owners were attended the meeting in which hygienic improvement in peeling shed, License renewal & online registration of peeling shed were discussed in detail. Smt.Preetha, Technical Officer, RD MPEDA, Vallarpadam also attended the meeting and explained the procedures for license renewal and online registration.

On 18th of the month, NETFISH and Harbour Engineering Department had jointly organized a stakeholder meeting at Sakthikulangara fishing harbour. SCO NETFISH, Executive Engineer, Assistant Executive Engineer and Assistant Engineers from Sakthikulangara & Neendakara Harbour Engineering Division, Health Inspector, Assistant Director of Fisheries Neendakara, Boat owners and union representatives were attended the meeting. During the meeting, points like hygiene condition of the harbour, fish selling inside auction hall, empty box inside the auction hall at Neendakara harbour, improper washing, dredging, hand washing facility, need of replacement of the present roofing at the Neendakara auction hall, need of CCTV camera, repacking of outside fishes in the harbour, unhygienic handling of export variety fishes in the open floor were discussed. The boat owners asked for proper dredging at the harbour. Executive Engineer assured that dredging will start within 15 days. She also agreed to provide jet washing facility for washing the auction hall within two months and also agreed to extend the auction hall length at Sakthikulangara fishing harbour. For the security issues HED will set

up one CCTV camera at Sakthikulangara and Department of fisheries will set up one CCTV camera at Neendakara fishing harbour.

Another stakeholder meeting was conducted at Azheekkal fishing harbour on 19th of the month in which discussion was conducted regarding the issue of dumping plastic waste inside the fishing harbour.

To eradicate child labour and child trafficking NETFISH in association with Anti human trafficking unit, Kochi had organized an awareness programme “Bachpan Bachavo Andolan” at Thoppumpady Fisheries Harbour on 24th February 2020. The programme was mainly targeted to the boat owners, boat workers, and labor suppliers to the Sea food Factories. Smt. Sangeetha N.R, SCO NETFISH welcomed the gathering. Smt. Betty mol, Sub Inspector of Police, Anti Human Trafficking Unit, Kochi inaugurated the programme. During her inaugural address she highlighted about child labor, sexual abuse, human trafficking and its punishment. Very good discussion was carried out regarding these issues and she gave control room phone numbers to the stakeholders for passing the messages regarding the issue. SCO gave detailed class on fishing zones, documents required while going for fishing, sea safety & navigation, fishing boundaries etc. Shri. Vinod Khanna, ASI, Coastal Police explained their activities and experiences. Shri. S. Ramakishnan, Secretary, SEAI explained the activities in the Seafood companies and criteria for selecting labors. He mentioned that present criteria for selection of workers and their age identification are not sufficient and more checking system is needed in future. Around 90 participants attended the awareness programme.

In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	07.02.20 to 09.02.20	SCO & RA	Attended stall duty at IISS 2020 at Grand Hyatt, Kochi
2	13.02.20	SCO & RA	Attended ClimFishcon 2020 at Le meridian, Kochi

7. KERALA NORTH

During the month, 16 awareness programmes were conducted in Kerala North region as per the details given below.

Selected Place	Ob	FH/LC/ FV	Df	Sea Safety	Other Spcl.	Total programmes	Total No: of Beneficiaries
Munambam				1	2	3	74
Munakkakadavu	1	2	2	1		6	149
Chettuva				1		1	25
Beyppore		6				6	180
Total	1	8	2	3	2	16	428

No:	Date	Place	Type of Programmme	No: of Beneficiaries
1	04.02.20	Munambam	Stake holders meeting	15
2	12.02.20	Munambam	Door to door	25
3	13.02.20	Munakkakadavu	Dry fish	30
4	13.02.20	Munakkakadavu	Dry fish	24
5	14.02.20	Munakkakadavu	Sea safety & KMFRA	40
6	19.02.20	Munakkakadavu	NFDB sponsored Onboard programme	15

7	20.02.20	Chettuva	Sea safety & KMFRA	25
8	24.02.20	Munakkakadavu	FH/LC/FV	30
9	24.02.20	Munakkakadavu	FH/LC/FV	10
10	25.02.20	Munambam	Sea safety	34
11	26.02.20	Beypore	FH/LC/FV	30
12	26.02.20	Beypore	FH/LC/FV	30
13	26.02.20	Beypore	FH/LC/FV	30
14	27.02.20	Beypore	FH/LC/FV	30
15	27.02.20	Beypore	FH/LC/FV	30
16	27.02.20	Beypore	FH/LC/FV	30

NETFISH conducted a door to door awareness programme at Pallippuram village in Munambam area on 12th February 2020. The aim of the programme was to spread the message of NETFISH regarding sustainable fishing to fishermen. SCO along with Shri. Unnikrishnan A.V., local coordinator had visited around 25 houses in the area. Fishermen freely and openly discussed the various ill doings in the fishing sector such as night fishing, use of very big nets and engines in the sector. NETFISH message were conveyed and valuable information from the ground level was also collected back from the fishermen. NETFISH distributed bathing soap to fishermen as a token of appreciation.



NFDB sponsored onboard programme for popularization of Square mesh cod end in trawl net was conducted at Munakkakadavu fishing harbor on 19th February 2020. A shrimp trawl from Munakkakadavu harbour was used for the onboard trial. During the programme, SCO delivered a lecture



on importance and advantages of square mesh cod end to the trainees. Mr. Unnikrishnan. A.V, a trained trainer was the resource person of the training programme and explained the technical aspects of square mesh cod end and showed how the cod end should be connected to the main trawl net. Then the trainer and a trainee together attached the square mesh cod end to the main trawl net. After this, trawl net with square mesh cod end was released to the sea. After one hour hauling, the onboard trial was finished with a good catch of shrimp, crab and squid. The catch was very clean, free of mud and negligible amount of juvenile fishes. Thus the sorting operation was found simple. The eye appeal of the catch was also impressive. A marine turtle was also caught in the trawl net as there was no turtle excluding device (TED) attached. The turtle was safely released back to the sea. After the onboard trial, the trainees were convinced that there is

no any considerable loss of caught fish varieties due to the use of square mesh cod end. The trainees requested to conduct similar programmes in more fishing boats in order to spread the matter quickly. A total of 15 fishermen attended the training programme. NETFISH distributed certificates to all the participants.

To create awareness among the sea going fishermen regarding the necessity of life saving equipments in fishing boats, NETFISH had conducted an awareness programme on 25th February 2020 at Munambam harbour. The NETFISH State



Co-ordinator took class on KMFRA amendments, new rules, basic life saving equipments, navigation equipments, navigation signals etc. and demonstrated use of life jacket to fishermen. Around 34 numbers of skippers (srank) of trawl boat attended the awareness programme. All of them are not having a valid srank licence although they are having many years of experience as skipper in fishing boats. SCO sensitized them about the need of taking srank license. All the participants expressed their willingness to take srank licence. SCO further contacted the Port officer at Kodungallur in charge of issuing srank licence and explained the matter. A link has been created so that all the 34 srank can approach the port office at Kodungallur to get the license after going through the official procedures. The awareness programme was much helpful to the fishermen and they appreciated NETFISH for conducting the programme.

Another 2 Sea Safety & KMFRA awareness programme was jointly organized by NETFISH and Department of fisheries, Kerala at Munakkakadavu and Chettuva on 14th and 20th of the month respectively. During the programme, SCO NETFISH took classes on topics KMFRA amendments, new rules, basic life saving equipments, navigation equipments, navigation signals etc. Around 65 fishermen attended the awareness programme.



Sea Safety programme at Munakkakadavu



Sea Safety programme at Chettuva

On 17th of the month, SCO along with CE had attended the State level workshop on “Participatory management of fishing harbours - Munambam model” organized by Department of fisheries, Kerala at Munambam fishing harbour. Smt. J. Mercykutty Amma, Fisheries Minister

inaugurated the workshop. Seeing the success at Munambam, Kerala state is now replicating this model in other 12 harbours. During the programme, NETFISH CE and SCOs explained the functioning, regulations, management and facilities of Munambam fishing harbour.



In order to sensitize the fishing boat owners about the need of implementation of fishing vessel log sheet for the smooth conduct of catch certification system of MPEDA, an awareness meeting was conducted at Munambam on 4th February 2020. NETFISH SCO explained about the new regulation of the fish export and convinced them about the need of vessel log sheet for the traceability of fishery products. The attended boat owners agreed on the matter and have asked to provide the log sheet in a book form so that it can be distributed to fishing boats.



Stakeholders meeting at Munambam



French Ambassadors' team visit at Vypin FH

In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	03.02.20	SCO	Attended Stake holders meeting at Vypin in connection with French Ambassadors' visit to Vypin FH
2	05.02.20	SCO	Coordinated the visit of French Ambassadors' to Vypin FH

8. KARNATAKA & GOA

In Karnataka, 27 awareness programmes were conducted in February 2020, as briefed below.

Selected Place	Ob	FH/LC/FV	Skill Dev.	Total programmes	Total No: of Beneficiaries
Thottam		13	3	16	319
Malpe		4		4	93
Gangolli	1	4		5	104
Bhatkal		2		2	45
Total	1	23	3	27	561

No:	Date	Place	Type of Programme	No: of Beneficiaries
1	01.02.20	Udupi, Thottam	FH/LC/FV-CIFT	19
2	01.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
3	04.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
4	04.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
5	06.02.20	Udupi, Thottam	FH/LC/FV-CIFT	18
6	06.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
7	07.02.20	Malpe	FH/LC/FV	30
8	08.02.20	Udupi, Thottam	Value added fishery products	20
9	11.02.20	Udupi, Thottam	FH/LC/FV-CIFT	21
10	12.02.20	Malpe	FH/LC/FV-CIFT	20
11	12.02.20	Malpe	FH/LC/FV-CIFT	18
12	13.02.20	Udupi, Thottam	Value added fishery products	24
13	14.02.20	Malpe	FH/LC/FV	25
14	18.02.20	Gangolli	FH/LC/FV-CIFT	20
15	18.02.20	Gangolli	FH/LC/FV-CIFT	20
16	19.02.20	Bhatkal	FH/LC/FV-CIFT	22
17	19.02.20	Bhatkal	FH/LC/FV-CIFT	23
18	20.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
19	20.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
20	22.02.20	Udupi, Thottam	Value added fishery products	17
21	24.02.20	Gangolli	FH/LC/FV-CIFT	20
22	24.02.20	Gangolli	FH/LC/FV-CIFT	20
23	25.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
24	25.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
25	26.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
26	27.02.20	Udupi, Thottam	FH/LC/FV-CIFT	20
27	28.02.20	Gangolli	NFDB sponsored Onboard programme	15



NFDB Sponsored onboard programme for popularization of square mesh cod end was conducted at Gangolli fishing harbour on 28th February 2020. The programme started with an inaugural function. During the programme, 15 fishers were given awareness about advantages of square mesh cod end, personal hygiene, cleaning and sanitation of fish contact surfaces, good

hygiene practices on board, ice handling, and storage. Onboard trial was carried out with a 35mm square mesh cod end. All the trainees gave a positive feedback and they requested NETFISH to conduct more training programmes. NETFISH distributed certificates to all the participants.

As part of joint capacity building programmes for SC fishers under the SCSP component of the ICAR-CIFT, 3 training programme on preparation of Value added fishery products were conducted at Thottam area, Udupi district on 8th, 13th and 22nd of the month respectively. SCO NETFISH described on fish quality management and personal hygiene. Mrs. Rekha Gopal, was the master trainer of the programme and she took practical class on preparation of value added products such as Shrimp pickles, Fish patties, Fish mixture and Fish Cutlets. All the participants were happy and expressed their whole hearted gratitude for conducting successful skill development programme on value added fish products and ready market as fresh fish, fish with nutritive value and ready to serve in great demand.



During the month, 19 numbers of FH/LC/FV training programmes were also conducted under the SCSP component of the ICAR-CIFT at Udupi, Gangolli and Bhatkal areas.

In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	29.02.20	SCO	Discussion with Regional Director(Environment) on preparation of beach landing centers and preparation of DPR for world bank project

9. MAHARASHTRA

Extension programmes in Maharashtra, during February 2020 consisted of 12 awareness programmes, as per the details given below.

Selected Place	Onboard	FH/LC/FV	Total programmes	Total No:of Beneficiaries
Sindhudurg	1		1	15
Harne		6	6	166
Dahanu		5	5	141
Total	1	11	12	322

No:	Date	Place	Type of Programme	No: of Beneficiaries
1	14.02.20	Sindhudurg	NFDB sponsored onboard training programme	15
2	18.02.20	Harne	FH/LC/FV	30
3	19.02.20	Harne	FH/LC/FV	30
4	20.02.20	Harne	FH/LC/FV	27
5	20.02.20	Harne	FH/LC/FV	21
6	21.02.20	Harne	FH/LC/FV	30
7	21.02.20	Harne	FH/LC/FV	28
8	25.02.20	Dhakati Dahanu	FH/LC/FV	26
9	26.02.20	Dhakati Dahanu	FH/LC/FV	30
10	26.02.20	Dhakati Dahanu	FH/LC/FV	25
11	27.02.20	Dhakati Dahanu	FH/LC/FV	28
12	27.02.20	Dhakati Dahanu	FH/LC/FV	32

NFDB sponsored onboard programmes for popularization of square mesh cod end was conducted at Sindhudurg fishing harbour on 14th February 2020. The SCO NETFISH briefed the technical aspects and advantages of square mesh cod end to the trainees. A 40mm square mesh cod end covered with 25 mm diamond mesh cod end was used for the onboard trail. Seeing the small fishes and juveniles which escaped from 40 mm square meshes the trainees were convinced on the advantages of square mesh cod end. NETFISH distributed certificates to all the participants.



In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	14.02.20	SCO	Discussion with Shri. Prateek Mahadwala, Licensing Officer about Implementation of Square mesh cod ends at the Devgad landing centre.

10. GUJARAT

During the month, 16 training programmes were conducted in Gujarat, as briefed below.

Selected Place	Ob	FH/LC/FV	Sea Safety	Total programmes	Total No: of Beneficiaries
Vanakbara	1	2	1	4	122
Veraval	1	6	2	9	384
Mangrol			1	1	40
Porbandar		2		2	57
Total	2	10	4	16	603

No:	Date	Place	Type of Programme	No: of Beneficiaries
1	01.02.20	Vanakbara	NFDB onboard training programme	15
2	06.02.20	Veraval	FH/LC/FV	30
3	07.02.20	Veraval	FH/LC/FV	29
4	11.02.20	Veraval	FH/LC/FV	29
5	12.02.20	Veraval	FH/LC/FV	24
6	13.02.20	Veraval	Sea Safety & Navigation	80
7	14.02.20	Mangrol	Sea Safety & Navigation	40
8	18.02.20	Porbandar	FH/LC/FV	30
9	18.02.20	Porbandar	FH/LC/FV	27
10	19.02.20	Veraval	Sea Safety & Navigation	120
11	20.02.20	Veraval	FH/LC/FV	27
12	21.02.20	Vanakbara	FH/LC/FV	30
13	21.02.20	Vanakbara	FH/LC/FV	27
14	26.02.20	Veraval	FH/LC/FV	30
15	27.02.20	Veraval	NFDB onboard training programme	15
16	29.02.20	Vanakbara	Sea Safety and MPEDA schemes	50

NETFISH had conducted 2 NFDB sponsored onboard programme for popularization of Square mesh cod end at Vanakbara and Veraval on 1st and 27th February 2020. During the programmes, SCO NETFISH briefed the merits of use of Square mesh cod end and demerits of diamond mesh cod end to the trainees. Then practical demonstration was done using square mesh cod end with an outer diamond mesh cod end. After the onboard trial all the participants are happy by seeing the positive results and promised to convert to square mesh cod ends. A total of 30 fishermen attended the training. NETFISH distributed Pamphlet, booklet, pen and writing pad to all the trainees. Certificate was also given to all the participants.



Onboard programme at Vanakbara



Onboard programme at Veraval

During the month 4 numbers of Sea Safety & Navigation Training programmes were conducted at Veraval and Mangrol fishing harbors. Dr. K.V. Tank, Assistant Professor, College of Fisheries, Veraval was the resource person for the programme. SCO, NETFISH briefed about MPEDA subsidy scheme for fishermen community. Practical demonstration on use of life jacket and life buoy were also shown to them. Shri. Sukar Anjani, Superintended of fisheries, Diu UT attended the programme and appreciated NETFISH for organizing the programme. Around 290 fishermen were benefitted through the training programme. Shri. Kanji B Jadav, President, B.A.Yadav Education & Rural development Foundation rendered support for arranging the programmes.



In addition to the above, the following are the works and activities performed during the month.

No.	Date	Official(s) involved	Work done
1	15.02.20	SCO	Attended the meeting organized by Department of fisheries and presented on activities of MPEDA and NETFISH

» **NETFISH IMPACTS**

1. As a result of NETFISH regular awareness programmes, it is noticed that fishermen themselves do harbour cleaning on a regular basis in Mangrol fishing harbour.
2. Fishermen are maintaining cleanliness of Fishing vessel and market hall before and after use at Veraval FH
3. It is noticed that fishermen at Vanakbara fishing harbor maintaining cleanliness of crates, booths and fish transport vehicles before and after use.

