



**NETFISH-MPEDA**



**मासिक विवरण - फ़रवरी 2021**

**MONTHLY REPORT – FEBRUARY 2021**



मत्स्य गुणता प्रबंधन और चिरस्थायी मत्स्ययन नेटवर्क (नेटफिश)  
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## MONTHLY REPORT ON ACTIVITIES OF NETFISH DURING FEBRUARY 2021

Extension activities of NETFISH along the maritime states of India during February 2021 consisted of 170 awareness programmes, benefitting around 3120 stakeholders. In addition, several meetings and discussions with stakeholders and officials concerned were carried out to resolve issues related to fish quality management and conservation of resources. Also continued disseminating awareness messages among the members of various stakeholder groups through the 129 nos. of WhatsApp groups formed at 98 harbours.

Sl.No.	Type of extension programme	No. of programmes	No: of Beneficiaries
<b>I NETFISH Funded Programmes</b>			
1	Harbour based programme	24	596
2	Fishing vessel based programme	99	1307
3	Pre-processing programme	5	144
4	Processing programme	7	236
5	Dry fish programme	12	301
6	Special Programme	1	10
<b>II External Funded Programmes</b>			
7	ICAR-CIFT funded programmes	18	372
8	Other Special Programmes(CIFNET)	4	154
<b>TOTAL</b>		<b>170</b>	<b>3120</b>

*Table: Details of Extension Training Programmes conducted during February 2021*

### Major activities during the month

- Conducted Marine Mammal and Sea Turtle by-catch data collection survey in selected harbours of all maritime states.
- Conducted 18 numbers of CIFT sponsored training programmes in West Bengal and Karnataka region.
- NETFISH in association with CIFNET had conducted 4 Sea Safety & Navigation training programme at Odisha & Kerala.
- Conducted 7 numbers of Paid training programme in processing centres.
- Coordinated the trial run of newly constructed solar dryer unit funded by Visakhapattinam Port trust
- Conducted a demonstration training programme of packaged dry fish products at Mangamaripetta, Visakhapattinam.
- Conducted awareness programme on Turtle conservation at Vizhinjam.
- Distributed Square mesh cod ends at Vypin fishing harbour.

### *Major Achievements*

S.N.	State/Region	Changes observed
1	West Bengal	➤ In Freserganj fishing harbour, the fishers are now using plastic sheets, plastic baskets and plastic shovels for sorting and handling fish and ice. The crates are also cleaned properly before and after use.
2	Odisha	➤ In Paradeep fishing harbor, the cluster boats are now using raised

		platform with poly sheets for fish auction.
3	Andhra Pradesh North	<ul style="list-style-type: none"> <li>▶▶ With the continuous efforts of NETFISH awareness among fishery stakeholders on hygienic handling of catches and ice in Visakhapatnam fishing harbour, the auctioneers and traders of Vizag fishing harbour intensified use of insulated fish boxes to keep fish packed with sufficient quantity of ice even for shorter distance transportation.</li> <li>▶▶ Crushed ice is shifting from vehicle to the boat directly without dumping on floor in Vizag fishing harbour.</li> </ul>
4	Tamil Nadu South	<ul style="list-style-type: none"> <li>▶▶ As a result of continuous fishing vessel training programme, the quality of tuna landed at Thengapattinam fishing harbour improved. Ice handling practice was also improved. The boat owners agreed to reduce the fishing days, which will increase the Tuna meat quality.</li> </ul>
5	Kerala South	<ul style="list-style-type: none"> <li>▶▶ By NETFISH regular awareness on advantages of chill killing method, 7 boat owners at Thoppumpady fishing harbour had purchased insulated fish tubs for practicing chill killing method in their fishing vessels. They earned Rs.4000-5000 more from a single auction.</li> </ul>
6	Karnataka	<ul style="list-style-type: none"> <li>▶▶ Due to frequent meetings with fisher associations and fisheries officials in Gangolli FH, the merchants finally agreed to shift their box sheds and now department approved to construct a new parking area.</li> <li>▶▶ Fish and Ice handling practice are also improved at Gangolli fishing harbour.</li> </ul>
7	Maharashtra	<ul style="list-style-type: none"> <li>▶▶ The trawler owners at Omkar Machimar Society purchased and distributed more than 50 square mesh cod end during the month</li> </ul>
8	Gujarat	<ul style="list-style-type: none"> <li>▶▶ Due to NETFISH continues awareness programmes, the fishermen of Veraval are now clean all contact surface before and after use, use clean water, crates and boxes to reduce post harvest loss.</li> <li>▶▶ As a result of NETFISH Vessel based training programme in Gujarat region, the boat owner of Jal Sagar boat purchased insulated boxes and practicing chill killing method, cleaning of vessel before and after use to reduce post harvest loss. They saved Rs. 30,000 in second trip because of reduced post harvest loss.</li> <li>▶▶ The fishermen of Mahadev fishing vessel, Veraval now bring clean sea water to wash fish and boat after landing to avoid use of dirty harbour water.</li> <li>▶▶ Jamna Maiya Vessel owner in Gujarat region had purchased Gumboot and rubber gloves after NETFISH training programme for better handling of fish catch to reduce post harvest loss.</li> </ul>

### State/Region wise details of Programmes conducted during the month:

The extension activities conducted by NETFISH at various state/regions during February 2021 are enlisted in the below table and described in the subsequent sections:

State/Region	Harbour	NETFISH Funded					External	Month's -Total programmes&	FY - Total programmes&
		FV	PPC	PC	DF	Special	Other Special		

								beneficiaries		beneficiaries		
West Bengal	3	15	1					11	30	490	86	1989
Odisha	3	12		2				2	19	282	99	2168
Andhra Pradesh North	1	10			1				12	183	44	903
Andhra Pradesh South	4	5			2				11	220	33	696
TN North	4	19							23	651	42	1303
TN South	1	10		1					12	182	39	899
Kerala South		6		1				1	8	124	44	777
Kerala North	4	2		1	4	1	1		13	239	55	962
Karnataka & Goa	4	3	2					7	16	348	70	1692
Maharashtra		7	2		5				14	250	40	640
Gujarat		10		2					12	151	48	984
Month's -Total programmes& beneficiaries	24	99	5	7	12	1	22		170	3120	600	13013
	596	1307	144	236	301	10	526		3120			
FY- Total programmes& beneficiaries	83	260	68	41	43	2	103		600			
	1701	3739	1897	1402	1175	135	2964		13013			

## 1. WEST BENGAL

➤ 30 extension programmes were conducted as per the details given below.

Selected Place	Harbour	FV	PPC	Other Special (CIFT)	Total Programme	Total Beneficiaries
Deshapran		15			15	162
Mukundapur				1	1	7
Hanra				2	2	36
Freserganj	3			2	5	132
Hatipitia				1	1	30
Tabopan				2	2	60
Gangasagar				1	1	7
Sultanpur				1	1	7
Kakdwip				1	1	21
Digha			1		1	28
<b>Total</b>	<b>3</b>	<b>15</b>	<b>1</b>	<b>11</b>	<b>30</b>	<b>490</b>

No.	Date	Place	Type of Programme	
1	02.02.21	Deshapran FH	Vessel based Programme	14
2	03.02.21	Mukundapur LC	Vessel based Programme- CIFT	07
3	03.02.21	Hanra LC	Harbour based programme - CIFT	30
4	04.02.21	Deshapran FH	Vessel based Programme	11
5	05.02.21	Deshapran FH	Vessel based Programme	11
6	06.02.21	Deshapran FH	Vessel based Programme	08
7	09.02.21	Deshapran FH	Vessel based Programme	11
8	09.02.21	Freserganj FH	Harbour based programme	30
9	09.02.21	Paschim Amarabati, Freserganj FH	Dry fish programme - CIFT	30
10	10.02.21	Hatipitia	Dry fish programme - CIFT	30
11	10.02.21	Topaban	Dry fish programme - CIFT	30
12	11.02.21	Deshapran FH	Vessel based Programme	09
13	11.02.21	Gangasagar LC	Vessel based programme - CIFT	07
14	11.02.21	Topoban- Dhoblat	Harbour based programme - CIFT	30
15	12.02.21	Sultanpur FH	Vessel based programme - CIFT	07
16	12.02.21	Deshapran FH	Vessel based Programme	10
17	15.02.21	Deshapran FH	Vessel based Programme	11



18	17.02.21	Deshapran FH	Vessel based Programme	08
19	17.02.21	Freserganj FH	Harbour based programme	21
20	17.02.21	Akshaynagar, Kakdwip	Harbour based programme - CIFT	21
21	18.02.21	M/s.S S Sea Food, Digha	PPC	28
22	19.02.21	Deshapran FH	Vessel based Programme	13
23	22.02.21	Deshapran FH	Vessel based Programme	11
24	23.02.21	Deshapran FH	Vessel based Programme	13
25	24.02.21	Deshapran FH	Vessel based Programme	12
26	25.02.21	Deshapran FH	Vessel based Programme	11
27	26.02.21	Deshapran FH	Vessel based Programme	09
28	26.02.21	Freserganj FH	Harbour based Programme	21
29	26.02.21	Kaylaghata, Freserganj	Harbour based programme - CIFT	30
30	27.02.21	Hanra LC	Vessel based Programme- CIFT	06



**Harbour based programme at Freserganj**



**Vessel based programme at Mukundapur**

➤ **Details of other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	05.02.21	Training	MPEDA & NETFISH	Training programme on Eco-friendly Sustainable Aquaculture
2	06.02.21	Farmers meet	MPEDA & NETFISH	Farmer's meet on Eco-friendly Sustainable Mud Crab Aquaculture and Buyer Seller Meet
3	17.02.21	Meeting	SCO & HDCs	Meeting with HDCs regarding Catch certificate update, Vessel based PHL and By-catch survey
4	24.02.21	Seafood plant visit	SCO	Visit to Processing plant for checking of COVID-19 records.

➤ **Details of information disseminated to stakeholders on social media during the month - (7 WhatsApp groups in 7 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No. of Viewers
1	01.02.21	MPEDA's webinar series - Strengthening India EU Seafood Trade, Part-II Delivering Safe & Healthy Seafood to EU	Whatsapp and Facebook	1500
2	02.02.21	Union Budget 2021 promises - Sustainable investments in the development of Modern Fishing Harbours and Landing Centres	Whatsapp and Facebook	1000
3	02.02.21	OCEAN facts - Over 70% of our planet's oxygen is produced by the ocean - In English	Whatsapp and Facebook	1500
4	04.02.21	Omega -3 fatty acid in fish lessens the chances of getting cancer	Whatsapp and Facebook	1500
5	05.02.21	OCEAN facts - Over 70% of our planet's oxygen is produced by the ocean - In Bengali	Whatsapp and Facebook	1500
6	05.02.21	NETFISH recruitment notice	Whatsapp and Facebook	1500
7	08.02.21	Analysis of catch in connection with Post Harvest Loss	Whatsapp	500

		reduction		
8	09.02.21	Substantial Investment for modernization and Development of India's five major fishing harbours	Whatsapp	500
9	10.02.21	Substantial Investment for modernization and Development of India's five major fishing harbours- In Bengali	Whatsapp and Facebook	1000
10	11.02.21	OCEAN facts - Over 70% of our planet's oxygen is produced by the ocean - In Bengali	Whatsapp and Facebook	500
11	12.02.21	Impact of NETFISH training programmes on reduction of Post Harvest Loss at Fishing Harbour	Whatsapp	500
12	12.02.21	Apart of discussion on PHL, fishers are also cleaning the utensils, crates, net, baskets etc.	Whatsapp	500
13	13.02.21	UK Considers Banning Bottom Trawlers in Marine Protected Areas	Whatsapp	500
14	17.02.21	Handling of catch at Freserganj Fishing Harbour	Whatsapp	500
15	19.02.21	Get export quality Seafood at your doorstep from MPEDA's Seafood India Stall	Facebook	1000
16	19.02.21	ICAR-CIBA is working on modalities to introduce Crop Insurance for Shrimp Farmers	Facebook	1000
17	21.02.21	TED -Turtle Excluder Device	Whatsapp	500
18	22.02.21	MPEDA-CMFRI-FSI launched Deep sea Survey Programme	Face Book and Whatsapp	1500
19	23.02.21	MPEDA and NCDC sign MoU to synergies their programmes for the promotion of export oriented marine products	Facebook	1000
20	24.02.21	Document on Post Harvest Loss	Whatsapp	500
21	27.02.21	Eco friendly and Sustainable Mud Carb Aquaculture & Buyer seller Meet	Facebook	1000
22	28.02.21	Shallow Fried Prawns	Whatsapp and Facebook	1500

### **NETFISH IMPACTS**

- ▶ In Freserganj fishing harbour, the fishers are now using plastic sheets, plastic baskets and plastic shovels for sorting and handling fish and ice. The crates are also cleaned properly before and after use.



### **2. ODISHA**

- 19 awareness programmes were conducted as per the details given below.

<i>Selected Place</i>	<i>Harbour</i>	<i>FV</i>	<i>PC</i>	<i>Other Special (CIFNET)</i>	<i>Total Programme</i>	<i>Total Beneficiaries</i>
Khurda			1		1	35

Paradeep	3	12		2	17	<b>207</b>
Nayagarh			1		1	<b>40</b>
<b>Total</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>2</b>	<b>19</b>	<b>282</b>

<b>No.</b>	<b>Date</b>	<b>Place</b>	<b>Type of Programme</b>	<b>No. of Beneficiaries</b>
1	5.2.21	M/s. Padmishree Export, Khurda.	<i>Processing</i>	35
2	5.2.21	Paradeep	<i>Vessel based programme</i>	10
3	6.2.21	Paradeep	<i>Vessel based programme</i>	8
4	7.2.21	Paradeep	<i>Vessel based programme</i>	8
5	10.2.21	Paradeep	<i>Vessel based programme</i>	08
6	11.2.21	M/s. Sreegan export, Chandpur, Nayagarh	<i>Processing</i>	40
7	11.2.21	Paradeep	<i>Vessel based programme</i>	08
8	12.2.21	Paradeep	<i>Vessel based programme</i>	08
9	13.2.21	Paradeep	<i>Vessel based programme</i>	08
10	14.2.21	Paradeep	<i>Vessel based programme</i>	08
11	16.2.21	Paradeep	<i>Harbour based programme</i>	10
12	17.2.21	Paradeep	<i>Harbour based programme</i>	10
13	18.2.21	Paradeep	<i>Harbour based programme</i>	08
14	19.2.21	Paradeep	<i>Vessel based programme</i>	08
15	23.2.21	Paradeep	<i>CIFNET training programme</i>	40
16	24.2.21	Paradeep	<i>CIFNET training programme</i>	40
17	25.2.21	Paradeep	<i>Vessel based programme</i>	8
19	27.2.21	Paradeep	<i>Vessel based programme</i>	8
20	28.2.21	Paradeep	<i>Vessel based programme</i>	9



***Vessel based programme at Paradeep***



***Processing programme at Khurda***

NETFISH Odisha in association with CIFNET, Vizag had conducted 2 numbers of Sea Safety and Navigation training programme at Paradeep fishing harbour on 23<sup>rd</sup> and 24<sup>th</sup> February 2021. The programme was conducted under the PMMSY scheme of CIFNET, Vizag. Mr. Bala. S, Mr. G. Venketesh and Mr. Nishith S. from CIFNET and Mr. Subhat Das, DFO, Jajatsingpur, Mr. Manas Ranjan Das, ADF and trawler association members were present on the occasion. A total of 50 crew members from Paradeep fishing harbour attended the training programme. Training certificates were distributed to all the participants.





➤ **Details of information disseminated to stakeholders on social media during the month – (7 WhatsApp groups in 5 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	1.2.21	Covid -19 awareness message and animation film on square mesh	Whats app group	500
2	3.2.21	Covid -19 awareness message and animation film on square mesh	whats app group	500
3	7.2.21	Covid -19 awareness message and animation film on conservation of marine resources.	Whats app group	500
4	10.2.21	Covid -19 awareness message	Whatsapp group	500
5	14.2.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
6	17.2.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
7	20.2.21	Covid -19 awareness message	Whatsapp group	500
8	23.2.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
9	24.2.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
10	25.2.21	Covid -19 awareness message and Animation film on conservation of marine resources.	Whatsapp group	500
11	26.2.21	Covid -19 awareness message and Animation film on conservation of marine resources.	Whatsapp group	500
12	27.2.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
13	28.2.21	Covid -19 awareness message and Animation film on conservation of marine resources.	Whatsapp group	500

### **NETFISH IMPACTS**

- ▶ In Paradeep fishing harbour, the cluster boats are now using raised platform with poly sheets for fish auction.



**FEBRUARY 2021**



### 3. ANDHRA PRADESH NORTH

➤ 12 nos. of extension programmes were conducted as per the details given below.

Selected Place	Harbour	Vessel	Df	Total Programme	Total Beneficiaries
Visakhapatnam	1	10		11	153
Mangamaripetta			1	1	30
<b>Total</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>183</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	03.02.21	Visakhapattinam	Vessel based programme	14
2	04.02.21	Visakhapattinam	Vessel based programme	12
3	05.02.21	Visakhapattinam	Vessel based programme	15
4	05.02.21	Mangamaripeta	Dry fish programme	30
5	08.02.21	Visakhapattinam	Vessel based programme	14
6	10.02.21	Visakhapattinam	Vessel based programme	12
7	12.02.21	Visakhapattinam	Vessel based programme	11
8	15.02.21	Visakhapattinam	Vessel based programme	13
9	17.02.21	Visakhapattinam	Vessel based programme	12
10	18.02.21	Visakhapattinam	Vessel based programme	13
11	19.02.21	Visakhapattinam	Vessel based programme	11
12	23.02.21	Visakhapattinam	Harbour based programme	26



*Vessel based programmes at Visakhapattinam*

A solar dryer unit with electrical backup was constructed at Vizag harbour with the fund of Visakhapattinam Port trust. The trial run of the facility was organized by the VPT on 5<sup>th</sup> March 2021 to know the performance of the new dry fish unit and to educate the dry fishers. NETFISH had coordinated the programme by identifying the dry fisher's group for the usage of the facility. During the programme, the State Coordinator explained the importance of fish drying in controlled unit and the quality of the product. The procedure for operating the unit was explained by the company personnel and thereafter the drying demo was conducted. It was noted that around 100 kg per 3 hours can be dried using the facility and the beneficiaries were satisfied by seeing the product quality.



*Trial run of the Solar Dry fish unit at Visakhapatnam*

Demonstration programme for packaged dry fish product was conducted at Mangamaripetta on 5<sup>th</sup> February 2021. SCO explained the method of hygienic production of dry fish and the standard to be followed in producing quality dry fish to sell in domestic markets for getting better price. Raw material like Ribbon fish, Anchovy, Dried shrimp and material like crates, balance, seal and covers were purchased using the fishermen aid fund of regular training programmes. The methods of grading, trimming, and packing were explained to the trainees. The products were packed in 50 grams packets to sell in their own counter at beach road. The dry fisher women actively participated in the programme and got confident to fetch better price than selling the product in unpacked form.



**Demonstration programme for packaged dry fish product**

➤ **Details of other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	12.02.21	Discussion	JD Fisheries & SCO	Regarding harbour issues and finalized the meeting date of Harbour subcommittee.
2	16.02.21	Discussion	AD, Fisheries & SCO	Regarding identified group for dry fish unit.
3	25.02.21	Discussion	SCO & Boat owners	Regarding utilization of fishermen aid fund
4	26.02.21	Meeting	SCO	Attended the Vizag harbour management subcommittee meeting.

➤ **Details of information disseminated to stakeholders on social media during the month - (4 WhatsApp groups in 4 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	02.02.21	OCEAN 70% of oxygen produced from the oceans	WhatsApp	350
2	02.02.21	Turtle saving video to aware fishermen to save turtles.	WhatsApp	350
3	06.02.21	News on trial run of solar dry fish unit at Vizag fishing harbour.	WhatsApp	350
4	12.02.21	Turtle saving and releasing video to aware fishermen to save turtles.	WhatsApp	350
5	13.01.21	Pictures of good practices of Ice and fish handling photos.	WhatsApp	350
6	17.02.21	Video on releasing of new born baby turtles into the ocean.	WhatsApp	350
7	19.02.21	Pictures of pre-cooling practices in fishing boats.	WhatsApp	350
8	19.02.21	Turtle saving and releasing video to aware fishermen to save turtles.	WhatsApp	350
9	20.02.21 21.02.21	News of AP Dry fishers group utilized Government Schemes and grabbed funds and facilities value is around 150 crore. Video on Turtle Excluder Device(TED) News with paper cutting of Prefer fish than Mutton to maintain good heart health advised by Dr. Amaresh Rao,	WhatsApp	350 350 350

		Cardio Thoracic Surgeon NIMS , Hyderabad		
10	22.02.21	MPEDA Poster on launching of Deep Sea survey programme.	WhatsApp	350
11	25.02.21	Video on the Sea turtle Hospital at USA. Circulated to aware our fishermen on importance and conservation of turtles in Indian waters.	WhatsApp	350
12	26.02.21	News of MOU made between Vizag Port Trust and Dept of Fisheries with 100 Cr. Fund from Ministry of Fisheries.	WhatsApp	350
13	27.02.21	Video of safe releasing of turtle caught in fishing net.	WhatsApp	350

### NETFISH IMPACTS

- ▶ With the continuous efforts of NETFISH awareness among fishery stakeholders on hygienic handling of catches and ice in Visakhapatnam fishing harbour, the auctioneers and traders of the harbour have intensified the usage of insulated fish boxes for keeping fish packed with sufficient quantity of ice, even for shorter distance transportation.



- ▶ It was also observed that the crushed ice is shifting from vehicle to the boat directly without dumping on floor in Vizag fishing harbour.



## 4. ANDHRA PRADESH SOUTH

- 11 numbers of extension programmes were conducted during the month as per the details given below.

Selected Place	Harbour	Vessel	Df	Total Programme	Total Beneficiaries
Vodarevu	2		2	4	115
Guntur	1	5		6	84
Machilipatnam	1			1	21
<b>Total</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>11</b>	<b>220</b>

No.	Date	Place	Type of Programme	No.of Beneficiaries
1	04.02.21	Vodarevu	Harbour based programme	30
2	09.02.21	Vodarevu	Dry fish programme	30



3	10.02.20	Guntur	Vessel based programme	10
4	10.02.20	Guntur	Vessel based programme	11
5	11.02.21	Guntur	Vessel based programme	11
6	11.02.21	Guntur	Harbour based programme	30
7	18.02.21	Vodarevu	Harbour based programme	25
8	19.02.21	Vodarevu	Dry fish programme	30
9	22.02.21	Guntur	Vessel based programme	10
10	22.02.21	Guntur	Vessel based programme	12
11	24.02.21	Machilipatnam	Harbour based programme	21



**Vessel based programme at Nizampatnam**

**Dry fish programme at Vodarevu**

➤ **Details of information disseminated to stakeholders on social media during the month-** (3 WhatsApp groups in 3 harbours)

Sl No.	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.02.21	Fish catch potential areas and weather report taken from FFMA (Fisher Friend Mobile Application) of MSSRF. Protecting our maritime borders Indian Coast guard day Feb 1	WhatsApp	250
2	02.02.21	Ocean facts about Oxygen	WhatsApp	
3	03.02.21	Releasing turtle videos	WhatsApp	250
4	04.02.21	Omega 3 fatty acids	WhatsApp	250
5	05.02.21	Hello Vijayawada call center details from MPEDA	WhatsApp	250
6	06.02.21	Heliograph usage details in sea	WhatsApp	250
7	07.02.21	Do not mask the oceans	WhatsApp	250
8	08.02.21	Radio Buoy usages in sea	WhatsApp	250
9	09.02.21	Releasing of turtle entangled in Gill net	WhatsApp	250
10	10.02.21	Releasing turtle videos and Turtle releasing from Ghost nets	WhatsApp	250
11	11.02.21	Life Jacket	WhatsApp	250
12	12.02.21	Seafood is CALCIYUMM	WhatsApp	250
13	13.02.21	Weather and catch details	WhatsApp	250
14	14.02.21	Sea rescue steamer item	WhatsApp	250
15	15.02.21	About sound navigation system working	WhatsApp	250
16	16.02.21	Squid day to you	WhatsApp	250
17	17.02.21	New born baby turtles releasing into Ocean videos	WhatsApp	250
18	18.02.21	ICAR CIBA introducing crop loans to farmers	WhatsApp	250
19	19.02.21	Ribbon fish chill killing practices	WhatsApp	250
20	20.02.21	Onboard hygienic practices New fish identified in Vodarevu news coverage	WhatsApp	250
21	21.02.21	Fish catch details coverage in News	WhatsApp	250
22	22.02.21	Turtle excluder device video	WhatsApp	250



23	23.02.2020	No harm in consuming fish by eminent cardiologist	WhatsApp	250
24	24.02.2020	Releasing juvenile turtles in sea	WhatsApp	250
25	25.02.2020	Deep sea Survey program by MPEDA and CMFRI	WhatsApp	250
26	26.02.2020	Rare fish news coverage	WhatsApp	250
27	27.02.2020	Value added products from Fish and its exhibition in Hyderabad	WhatsApp	250
28	28.02.2020	Turtle hospital in USA	WhatsApp	250

### 5. TAMIL NADU NORTH

➤ 23 extension programmes were conducted as per the details given below.

Selected Place	Harbour	Vessel	Total Programme	Total Beneficiaries
Cuddalore	4	19	23	651
<b>Total</b>	<b>4</b>	<b>19</b>	<b>23</b>	<b>651</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	02.02.21	Cuddalore	Harbour based programme	30
2	03.02.21	Cuddalore	Vessel based programme	30
3	03.02.21	Cuddalore	Vessel based programme	30
4	04.02.21	Cuddalore	Vessel based programme	30
5	04.02.21	Cuddalore	Vessel based programme	21
6	05.02.21	Cuddalore	Vessel based programme	25
7	11.02.21	Cuddalore	Vessel based programme	30
8	12.02.21	Cuddalore	Vessel based programme	30
9	13.02.21	Cuddalore	Vessel based programme	30
10	13.02.21	Cuddalore	Vessel based programme	30
11	14.02.21	Cuddalore	Vessel based programme	26
12	17.02.21	Cuddalore	Harbour based programme	30
13	18.02.21	Cuddalore	Vessel based programme	22
14	18.02.21	Cuddalore	Vessel based programme	22
15	19.02.21	Cuddalore	Harbour based programme	30
16	20.02.21	Cuddalore	Vessel based programme	30
17	20.02.21	Cuddalore	Vessel based programme	28
18	23.02.21	Cuddalore	Vessel based programme	33
19	24.02.21	Cuddalore	Vessel based programme	30
20	24.02.21	Cuddalore	Vessel based programme	30
21	25.02.21	Cuddalore	Vessel based programme	30
22	25.02.21	Cuddalore	Vessel based programme	30
23	26.02.21	Cuddalore	Harbour based programme	24



*Extension programmes at Cuddalore*

➤ **Details of information disseminated to stakeholders on social media during the month - (37 groups in 10 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.02.21 to 28.02..21	<ul style="list-style-type: none"> <li>• Square mesh cod end</li> <li>• Sea Safety- Life Jacket</li> <li>• Boat arrival details</li> <li>• Fishing boat operation details</li> <li>• Local fisheries news published in the news paper</li> <li>• Local issues (Fisheries)</li> <li>• Fish market news</li> <li>• COVID 19 news related to fisheries</li> <li>• Destructive fishing practices</li> <li>• information issued by the fisheries department</li> <li>• Other messages announced by the fisheries department</li> </ul>	Facebook and Whatsapp	1050

## 7. TAMIL NADU SOUTH

➤ 12 extension programmes were conducted as per the details given below

Selected Place	Harbour	Vessel	PC	Total Programme	Total Beneficiaries
Thengapattinam		10		10	112
Tuticorin	1		1	2	70
<b>Total</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>12</b>	<b>182</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	11.02.21	Thengapattinam	Vessel based programme	12
2	11.02.21	Thengapattinam	Vessel based programme	12
3	12.02.21	Tuticorin	Harbour based programme	35
4	16.02.21	Thengapattinam	Vessel based programme	11
5	16.02.21	Thengapattinam	Vessel based programme	11
6	17.02.21	Thengapattinam	Vessel based programme	11
7	17.02.21	Thengapattinam	Vessel based programme	12
8	18.02.21	Thengapattinam	Vessel based programme	11
9	18.02.21	Thengapattinam	Vessel based programme	10
10	18.02.21	Tuticorin	Processing	35
11	19.02.21	Thengapattinam	Vessel based programme	10
12	19.02.21	Thengapattinam	Vessel based programme	12



Vessel based programmes at Thengapattinam

➤ Other works and activities performed during the month are briefed below.

Sl.No:	Date	Activity	People involved	Particulars
1	24.02.21	Meeting	SCO & CRS-De-rose, NGO	Regarding harbour based training in Tuticorin

➤ **Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers (Approx)
1	1-2-21	Get some immunity MPEDA Poster	Whatsapp	493
2	2-2-21	Ocean MPEDA Poster Weather alert to fisherman Wind alert Oxygen plays critical role Facts of ocean view	Whatsapp	245 28 61 70 106
3	03.02.21	Weather alert to fisherman		223
4	4-2-21	Omega 3 fatty acids in fish lessen the chance of getting cancer World cancer day Poster for online training cum awareness program under ICAR-DOF Benefits of eating fish that avoid lessens of cancer	Whatsapp	115 152 72 107
5	06.02.21	Weather alert to fisherman		38
6	10-2-21	1.Poster for online training cum awareness program under ICAR-DOF 2.Artificial reefs in coastal fisheries management Artificial reefs in coastal fisheries management- Online training awareness programme How you can help the Ocean	Whatsapp	36 224 94
7	11.02.21	Artificial reefs in coastal fisheries management- Online training awareness programme	Whatsapp	93
8	12-2-21	Substantial investment for modernization and development of India's five major fishing harbour (MPEDA Poster)	Whatsapp	197
9	13-2-21	Union budget 2021-Modernization of five fishing harbour	Whatsapp	143
10	15-2-21	Sagar Mithra notification	Whatsapp	269
11	17-2-21	1.Safety at sea for fisherman 2.Protected Elasmobranch species of India	Whatsapp	59 245
12	18-2-21	A letter from the department of fisheries Rameshwaram to motorized and non-motorized fishermen regarding inspection. Vannamei shrimp breeding training advertisement	Whatsapp	52 179
13	19-2-21	Fisherman friend app (MSSRF)	Whatsapp	145
14	20-2-21	Country craft verification message from ADF Engine fitted and non-engineered boat inspection	Whatsapp	87 84
15	21-2-21	Sea turtle news video	Whatsapp	86
16	22-2-21	Get some Immunity- Tamil MPEDA Poster	Whatsapp	143
17	23-2-21	Encourages fisherman to carry life guard while fishing. Get some immunity (Tamil)	Whatsapp	30 209
18	25-2-21	Kadarkarai magazine	Whatsapp	81
19	28-2-21	Awareness to save the sea turtle	Whatsapp	104

**NETFISH IMPACTS**



- As a result of continuous fishing vessel training programme, the quality of tuna landed at Thengapattinam fishing harbour improved. Ice handling practice was also improved. The boat owners agreed to reduce the fishing days, which will increase the Tuna meat quality.

*Before*



*After*



## 8. KERALA SOUTH

- 8 Extension programmes were conducted as per the details given below.

Selected Place	Vessel	PC	Other Specil.	Total Programme	Total Beneficiaries
Thoppumpady	6			6	55
Neendakara		1		1	34
Thykkal			1	1	35
<b>Total</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>124</b>

No.	Date	Place	Type of Programme	No.of Beneficiaries
1	03.02.21	Thoppumpady	Vessel based programme	9
2	09.02.21	Thoppumpady	Vessel based programme	10
3	10.02.21	Thoppumpady	Vessel based programme	10
4	12.02.21	Thoppumpady	Vessel based programme	10
5	15.02.21	Neendakara	Processing	34
6	18.02.21	Thoppumpady	Vessel based programme	8
7	19.02.21	Thoppumpady	Vessel based programme	8
8	22.02.21	Thykkal	CIFNET training programme	35



*Vessel based programme at Thoppumpady*



*SCO giving Awareness to fishermen on Turtle conservation at Vizhinjam*

On 4<sup>th</sup> of the month, a team comprising Shri. Johnson D' cruz, DD RD, Kochi, Dr.Joice V.Thomas, CE NETFISH, Mrs. Sangeetha.N.R, SCO, NETFISH & Mrs. Manjusha K, Field Supervisor, RD Kochi had visited Sakthikulanagara fishing harbour to examine the veracity of the video and photos circulated in the social media about the unhygienic situation in the harbour. The team had observed the condition of the harbour and arranged a meeting with Deputy Director of fisheries



at the awareness centre, Neendakara. Officials and representatives from EIA, HED, Food safety Department, Marine enforcement, SEAI and boat owners had attended the meeting. The unhygienic situation of the harbour was discussed and decisions were taken to maintain the hygienic condition of the harbour.

With regard to the conservation of Sea Turtles, on 11<sup>th</sup> & 12<sup>th</sup> of the month the State Coordinator visited the Vizhijam and nearby areas in Thiruvananthapuram. The fish vending ladies, auctioneers and fishermen at Vizhinjam harbour were met to collect their views about Turtle conservation and it was understood that they are least aware of the acts and regulations. Puthiyathura, Pulluvila coastal areas and Mangalathukonam market were also visited and contacted local people and church officials. NETFISH leaflets on Marine turtles were distributed and the fishers were made aware of the importance of turtle conservation. The church officials also agreed to support NETFISH in the endeavour by communicating the awareness messages through their public address system. The 'Ministry of fisheries group' under the church has also expressed their willingness to associate with NETFISH to carry out the awareness programmes for sea turtle and marine mammal conservation.

NETFISH in association with CIFNET had conducted an awareness programme on Sea Safety and KMFRA rules at Thykkal, Cherthala on 22<sup>nd</sup> February 2021. Dr.K. B. Bijumon, SI(FT), Shri. S. Shaji, I(S & N) and Smt.Sangeetha N.R, SCO, NETFISH were took classes on the topic KMFRA, Sea Safety and Hygienic handling of fish in fishing boats and harbours respectively. A total of 35 fishermen attended the training programme.

➤ **Other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	04.02.21	Inspection	DD, RD, Kochi, CE NETFISH & SCO	Inspection at Sakthikulangara Fishing harbour and awareness meeting with stakeholders regarding unhygienic condition of the harbour.
2	05.02.21	Meeting	Official of Cochin Ship yard & SCO	Regarding installation of water kiosk unit at Thoppumpady fishing harbour
3	16.02.21	Meeting	CE & SCO	Stake holders meeting in connection with MSC -Fishery improvement programme at Awareness centre, Neendakara
4	23.02.21	Square mesh cod end trial	CE & SCO	Square mesh cod end trials in connection with MSC-FIP programme at Mukkad
5	24.02.21	Training	CE, SCO Kerala North & Kerala South	Seafood processing training programme at M/s.Charley Fisheries, Neendakara
6	27.02.21	Meeting	CE & SCOs	MSC-FIP meeting at Muhamma, Aalappuzha

➤ **Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)**

Sl NO	Date	Content disseminated	Social media used	No.of viewers
1	01.02.21	Aquarium video	Whatsapp	239
		Get some immunity	Whatsapp	805
		CFH development news	Whatsapp	183
		Discarded fish net	Whatsapp	140
2	02.02.21	Union budget	Whatsapp	591
		Whale body removing video	Whatsapp	173
3	03.02.21	Say no to over fishing	Whatsapp	173
		Unhygienic harbour video Sakthikulangara	Whatsapp	171
4	04.02.21	Inform MPEDA meeting	Whatsapp	222
		World Cancer day	Whatsapp	710

		Newspaper cutting (fisheries related)	Whatsapp	230
		Prevent Covid-19	Whatsapp	917
		Life buoy	Whatsapp	1257
5	05.02.21	Multispecies farming	Whatsapp	408
6	06.02.21	Deep sea fishing newspaper cutting	Whatsapp	459
		Aqua farmers	Whatsapp	406
		Hello Vijayawada helpline	Whatsapp	174
		Importance of oxygen and protection of ocean	Whatsapp	62
7	07.02.21	Newspaper cutting (Covid prevention including fishing daily food)	Whatsapp	381
		Fish lifecycle poster	Whatsapp	173
		Overfishing poster	Whatsapp	441
8	08.02.21	ICAR-CIFT Training program	Whatsapp	735
		Sea turtle video	Whatsapp	721
		Ocean facts	Whatsapp	916
9	09.02.21	Disaster Management	Whatsapp	174
10	11.02.21	CIFNET Webinar	Whatsapp	237
		CIFNET pdf	Whatsapp	234
		Seafood is CalciYUMM	Whatsapp	
11	12.02.21	Life mission project	Whatsapp	172
12	13.02.21	Fisherman accident insurance newspaper cutting	Whatsapp	533
13	15.02.21	Climate news	Whatsapp	173
14	16.02.21	MPEDA sea food stall	Whatsapp	649
		NETFISH awareness video	Whatsapp	1206
		Climate news	Whatsapp	173
15	17.02.21	Squid day	Whatsapp	164
		MPEDA Elisa Lab	Whatsapp	170
16	18.02.21	VMS	Whatsapp	1128
		MPEDA Newspaper cutting	Whatsapp	640
17	19.02.21	Crop insurance	Whatsapp	249
18	21.02.21	TED video	Whatsapp	404
		Fishing message	Whatsapp	164
19	22.02.21	Parivarthanam newspaper cutting	Whatsapp	608
		Harbour inauguration photos	Whatsapp	156
		Fisheries department vacancies	Whatsapp	170
20	24.02.21	Promotion of marine products	Whatsapp	106
21	26.02.21	Harbour strike info.	Whatsapp	342

### **NETFISH IMPACTS**

- ▶ By NETFISH regular awareness on advantages of chill killing method, 7 boat owners at Thoppumpady fishing harbour had purchased insulated fish tubs for practicing chill killing method in their fishing vessels. They earned Rs.4000-5000 more from a single auction.



## 8. KERALA NORTH

➤ 13 awareness programmes were conducted as per the details given below.

Selected Place	Harbour based	Vessel based	PC	Df	Speci.	Other speci.	Total Programme	Total Beneficiaries
Vypeen		2			1		3	36
Chettuva	3						3	53
Munakkakadavu	1			4		1	6	128
Kollam			1				1	22
<b>Total</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>239</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	03.02.21	Vypin	Vessel based programme	12
2	04.02.21	Chettuva	Harbour based programme	18
3	04.02.21	Chettuva	Harbour based programme	18
4	05.02.21	Munakkakadavu	CIFNET training programme	39
5	09.02.21	Chettuva	Harbour based programme	17
6	09.02.21	Munakkakadavu	Harbour based programme	18
7	17.02.21	Vypin	Vessel based programme	14
8	18.02.21	Vypin	Square mesh cod end distribution	10
9	23.02.21	Munakkakadavu	Dry fish programme	18
10	23.02.21	Munakkakadavu	Dry fish programme	18
11	24.02.21	Kollam	Processing	22
12	25.02.21	Munakkakadavu	Dry fish programme	18
13	25.02.21	Munakkakadavu	Dry fish programme	17

**Distribution of Square Mesh Cod end:** NETFISH Kochi had conducted a special programme for distribution of square mesh cod end to the cluster boats in Vypin fishing harbour on 18<sup>th</sup> February 2021. Tufropes Pvt. Ltd. came forward to support the NETFISH cluster boats by providing ten numbers of square mesh cod ends free of cost. The cost of the cod ends were Rs.10371 (Ten thousand three hundred and seventy one only). The fishers congratulated NETFISH and Tufropes Pvt. Ltd. for assisting them with the readymade square mesh cods. The readymade square mesh cod ends were distributed by Shri. G. Pramod Kumar, General Manger, Tufropes Pvt. Ltd. in a function presided over by Dr. Joice V. Thomas CEO NETFISH. Shri. Vinod A.K, Senior Sales Manager, Tufropes Pvt. Ltd. and Shri. Alias, boat owner felicitated on the occasion. Shri. Santhosh N.K. State Coordinator NETFISH welcomed the meeting and Sri. Gilroy Boat owner proposed vote of thanks.



Sri. G. Pramod Kumar, General Manger Tufropes Pvt. Ltd. distributes Square mesh cod end

➤ Other works and activities performed during the month are briefed below.

<i>Sl.No:</i>	<i>Date</i>	<i>Activity</i>	<i>People involved</i>	<i>Particulars</i>
1	10.02.21	Meeting	SCO	Discussion about conducting a study on the feasibility of e-auction at Munambam fishing harbour.
2	15.02.21	Training	CE, & SCOs	Processing plant training programme at M/s.King Fisheries, Kollam
3	27.02.21	Meeting	CE & SCOs	MSC-FIP meeting at Muhamma, Aalappuzha



*Meeting at Munambam regarding feasibility study for e- auction*

➤ **Details of information disseminated to stakeholders on social media during the month - (11 WhatsApp groups in 11 harbours)**

<i>Sl.No:</i>	<i>Date</i>	<i>Content Disseminated</i>	<i>Social Media Used</i>	<i>No: of Viewers</i>
1	01.02.21	Video regarding cleanliness at harbours	Whatsapp	1291
2	01.02.21	Sea don't need our mask	Whatsapp	1307
3	02.02.21	Chilling Practice in fishing boat	Whatsapp	1300
4	03.02.21	Sea produces oxygen	Whatsapp	1308
5	03.02.21	Conservation of ocean	Whatsapp	1302
6	04.02.21	Covid - 19 guideline for sea food sector	Whatsapp	1289
7	04.02.21	World cancer day message	Whatsapp	1293
8	04.02.21	Importance of life buoy	Whatsapp	1283
9	05.02.21	Why we should eat more fish in 2021	Whatsapp	1283
10	05.02.21	Omega 3 Fatty acid for the health of heart	Whatsapp	1292
11	06.02.21	Overfishing is overrated	Whatsapp	1292
12	06.02.21	Stop Juvenile Fishing	Whatsapp	1266
13	07.02.21	Online program organized by ICAR - CIFT	Whatsapp	1270
14	07.02.21	News Report	Whatsapp	1273
15	07.02.21	Prevention of Covid -19	Whatsapp	1273
16	08.02.21	Video regarding sea turtle	Whatsapp	1282
17	09.02.21	Plastic pollution at sea	Whatsapp	1276
18	09.02.21	In earth, 70% of Oxygen is produced by the sea	Whatsapp	1262
19	10.02.21	Modernization of 5 fishing harbours in India	Whatsapp	1255
20	11.02.21	Video regarding cleanliness at harbours	Whatsapp	1247
21	11.02.21	Sea turtle conservation	Whatsapp	1253
22	12.02.21	Overfishing is overrated	Whatsapp	1242
23	12.02.21	Stop Juvenile Fishing	Whatsapp	1250
24	15.02.21	Video regarding Benefit of usage of square mesh cod end	Whatsapp	1230
25	19.02.21	Distribution of square mesh cod end at Vypin, Kochi	Whatsapp	1227
26	20.02.21	News report	Whatsapp	1214
27	23.02.21	Sea turtle saved from abandoned net- video	Whatsapp	1212



## 9. Karnataka & Goa

➤ 16 awareness programmes were conducted as briefed below.

Selected Place	Harbour based	Vessel based	PPC	Other (CIFT)	Spcl	Total Programme	Total Beneficiaries
Thottam				1		1	21
Gangolli	4	3		3		10	206
Dandatheertha				1		1	21
Dakshin Kannada				1		1	20
Malpe			2	1		3	80
<b>Total</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>7</b>		<b>16</b>	<b>348</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	01.02.21	Udupi; Thottam	Harbour based programme- CIFT	21
2	02.02.21	Udupi;Gangolli	Harbour based programme- CIFT	20
3	03.02.21	Udupi; Dandatheertha	Harbour based programme- CIFT	21
4	04.02.21	Udupi;Gangolli	Harbour based programme- CIFT	22
5	05.02.21	Dakshina Kannada	Harbour based programme- CIFT	20
6	10.02.21	Udupi;Gangolli	Harbour based programme- CIFT	20
7	11.02.21	Udupi; Malpe	Harbour based programme- CIFT	20
8	15.02.21	Udupi; Gangolli	Harbour based programmes	23
9	16.02.21	Udupi; Malpe	Pre-processing	30
10	18.02.21	Udupi; Gangolli	Harbour based programmes	20
11	19.02.21	Udupi; Gangolli	Harbour based programmes	21
12	22.02.21	Udupi; Gangolli	Vessel based Programmes	18
13	23.02.21	Udupi; Gangolli	Harbour based programme	25
14	24.02.21	Udupi; Gangolli	Vessel based Programmes	18
15	25.02.21	Udupi; Gangolli	Vessel based Programmes	19
16	26.02.21	Udupi; Malpe	Pre-processing	30



PPC programme at Malpe



Vessel based programme at Gangolli

➤ Other works and activities performed during the month are briefed below

Sl.No:	Date	Activity	People involved	Particulars
1	12.02.21	Meeting	SCO & NGOs	Regarding action plan for the year 2021-22
2	12.02.21	Meeting	SCO & HDCs	In connection with Dry fish & Marine Mammals and Sea turtle survey and data entry system in excel sheets.
3	13.02.21	Meeting	SCO & HDCs	In connection with Marine Mammals and Sea turtle survey and data entry system in excel sheets.

➤ Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No. of Viewers
1	01.02.21	Sea Food provides Good Nutrition and boost	Whatsapp groups	702

		immunity		
2	02.02.21	Union budget 2021	Whatsapp groups	702
<u>3</u>	02.02.21	Video on Underwater Marriage in Chennai	Whatsapp groups	702
4	02.02.21	Fisherman from Chapora harbour Goa released sea turtle back to sea	Whatsapp groups	702
5	03.2.21	Sea turtle carefully released back to sea by Gangolli fisherman	Whatsapp groups	702
6	04.02.21	World Cancer Day	Whatsapp groups	702
<u>7</u>	04.02.21	Video on sea turtle wrapped in fishing net freed	Whatsapp groups	702
8	05.02.21	MPEDA's Covid video for international market	Whatsapp groups	702
9	05.02.21	FAO Guidelines	Whatsapp groups	702
10	05.02.21	Video on Ocean pollution explained	Whatsapp groups	702
<u>11</u>	05.02.21	MPEDA's first Aqua farmers call centre in Vijayawada	Whatsapp groups	702
12	07.02.21	Sea turtle carefully handled and released back to sea in Malpe	Whatsapp groups	702
13	09.02.21	Centre to develop Goa into country's first fisheries hub	Whatsapp groups	702
14	09.02.21	Development of Five major fishing harbours in India	Whatsapp groups	702
<u>15</u>	10.02.21	Sea turtle carefully handled and released back to sea in Mangrol fisherman	Whatsapp groups	702
16	10.02.11	Sea turtle carefully released by Gujarat fisherman	Whatsapp groups	702
17	11.02.21	MPEDA official on Seafood	Whatsapp groups	702
18	11.02.21	MPEDA on Twitter	Whatsapp groups	702
<u>19</u>	11.02.21	PDF on Tuna long liner cum gillnetter deep sea fishing vessels	Whatsapp groups	702
20	12.02.21	Fisherman of Jafrabad Gujarat released marine turtle into sea as they treat it as god	Whatsapp groups	702
21	14.02.21	Boat hit by marlin fish suffers damage at deep sea in Mangalore	Whatsapp groups	702
22	15.02.21	Dolphin net rescue	Whatsapp groups	702
<u>23</u>	16.02.21	Kerosene release order	Whatsapp groups	702
24	18.02.21	Meet on how to improve quality and productivity in fisheries industry	Whatsapp groups	702
25	18.02.21	Sea turtle carefully handled and released back to sea at Malim Goa	Whatsapp groups	702
26	21.02.21	Video on Sea turtle excluder device	Whatsapp groups	702
<u>27</u>	22.02.21	Video on sea turtle trapped and rescued in fishing net	Whatsapp groups	702
28	23.02.21	Login into facebook	Whatsapp groups	702
29	23.02.21	MPEDA on Instagram " MPEDA and NCDC sign MoU	Whatsapp groups	702
30	23.02.21	MPEDA on Twitter	Whatsapp groups	702
<u>31</u>	23.02.21	A Marine gateway seminar	Whatsapp groups	702
32	26.02.21	Struggling sea turtle saved from fish netting in the Maldives	Whatsapp groups	702
33	27.02.21	Sea turtle released back to sea	Whatsapp groups	702
34	27.02.21	Video on hairy frog fish	Whatsapp groups	702

### **NETFISH IMPACTS**

- ▶ Due to frequent meetings with fisher associations and fisheries officials in Gangolli FH, the merchants finally agreed to shift their box sheds and now department approved to construct a new parking area.



- ▶▶ Fish and Ice handling practice improved at Gangolli fishing harbour.



- ▶▶ *Innovative/sustainable fishing practice observed during the month:*



*Releasing Sea turtle back to the sea*

## 10. MAHARASHTRA

- Extension programmes during the month consisted of 14 awareness programmes, as per the details given below.

<i>Selected Place</i>	<i>Vessel based</i>	<i>PPC</i>	<i>Df</i>	<i>Total Programme</i>	<i>Total Beneficiaries</i>
Palghar			5	5	140
Ratnagiri	7	2		9	110
<b>Total</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>14</b>	<b>250</b>

<i>No.</i>	<i>Date</i>	<i>Place</i>	<i>Type of Programme</i>	<i>No.of Beneficiaries</i>
1	03.02.21	Palghar	Dry fish programme	30
2	04.02.21	Palghar	Dry fish programme	25



3	05.02.21	Palghar	Dry fish programme	39
4	05.02.21	Palghar	Dry fish programme	30
5	06.02.21	Palghar	Dry fish programme	16
6	15.02.21	Ratnagiri	PPC	32
7	15.02.21	Ratnagiri	PPC	24
8	20.02.21	Ratnagiri	Vessel based programme	8
9	20.02.21	Ratnagiri	Vessel based programme	7
10	21.02.21	Ratnagiri	Vessel based programme	7
11	22.02.21	Ratnagiri	Vessel based programme	9
12	22.02.21	Ratnagiri	Vessel based programme	9
13	23.02.21	Ratnagiri	Vessel based programme	8
14	23.02.21	Ratnagiri	Vessel based programme	6



**Vessel based programme at Ratnagiri**



**Dry fish programme at Palghar**

**▶▶ Other works and activities performed during the month are briefed below**

Sl.No:	Date	Activity	People involved	Particulars
1	04.02.21	Meeting	SCO & Senior Superintend, NCPIL	Regarding availability of CSR fund

**➤ Details of information disseminated to stakeholders on social media during the month- (15 WhatsApp groups in 15 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.02.2021	<ul style="list-style-type: none"> <li>Link of the Video Conferencing invited by RDC Mumbai</li> <li>Photos from Vidhansabha conducting meetings with the Ministers demanding fisher community houses land to give ownership to fishers.</li> <li>Newspaper cutting Highlights of Central Govt Budget.</li> </ul>	Whatsapp	845
2	02.02.2021	<ul style="list-style-type: none"> <li>News about Research Project undertaken by Central Govt for Study of Sea and Coastal area.</li> <li>Meme "About 70% Oxygen on the Earth is produced by the Ocean"</li> <li>Video of Fisherwoman who emerged as a successful business woman from Sindhudurg district.</li> </ul>		
3	03.02.2021	<ul style="list-style-type: none"> <li>Newspaper Cutting from Lokmat Daily</li> </ul>		



		<p>that State Govt has handed over 494.4644 hector area to Mangrove Cell and declared as a reserved forest area.</p> <ul style="list-style-type: none"> <li>• Aprons and Masks wearing photos to WhatsApp groups.</li> </ul>		
4	04.02.2021	<ul style="list-style-type: none"> <li>• Advt about Training programme about Value added programme on 05.02.2021 in Malvan arranged by College of Fisheries, Ratnagiri and Nilkranti Vivid Krushi Matsya Parytan Sahakari Sanstha, Malvan.</li> <li>• Newspaper cutting about various problems facing by fisher community.</li> <li>• Photos of Square mesh cod end using on Trawler.</li> </ul>		
5	05.02.2021	<ul style="list-style-type: none"> <li>• Video link about jelly fish bloom in Sindhudurg district.</li> <li>• Photos of Maharashtra Vidhan Mandal Andaz Samiti visit to Satpati fish landing centre and news.</li> </ul>		
6	06.02.2021	<ul style="list-style-type: none"> <li>• Solar dryer photos from Vishakhapattanam to NETFISH Maharashtra WhatsApp groups.</li> </ul>		
7	08.02.2021	<ul style="list-style-type: none"> <li>• Newspaper article on making of belt, ladies purse and hand gloves from fish skin.</li> </ul>		
8	09.02.2021	<ul style="list-style-type: none"> <li>• Message of availability of square mesh cod ends</li> </ul>		
9	12.02.2021	<ul style="list-style-type: none"> <li>• Seafood export details 2019-20</li> </ul>		
10	13.02.2021	<ul style="list-style-type: none"> <li>• The Blue Marble photograph taken from Apollo quickly became an icon of environmental conservation".</li> <li>• Video of Removing vein from prawn</li> </ul>		
11	18.02.2021	<ul style="list-style-type: none"> <li>• Video about Land Mafia acquiring Mangrove area.</li> <li>• Distribution of Square mesh cod ends in Kerala.</li> </ul>		
12	20.02.2021	<ul style="list-style-type: none"> <li>• Releasing Turtle from Harne area.</li> </ul>		
13	23.02.2021	<ul style="list-style-type: none"> <li>• Chill Killing Demo Videos from Harne</li> <li>• Photos of Square mesh cod distribution in Harne.</li> </ul>		
14	25.02.2021	<ul style="list-style-type: none"> <li>• Illegal fishing practices Video shared by a Reporter.</li> <li>• Sea Turtle Hospital Youtube to Stakeholder groups.</li> <li>• Article on "Fish meal and Fish oil industries pose threat to the fishing sector in India"</li> <li>• Article on "India's fishers need the subsidies but India doesn't need the Illegal Fishing".</li> </ul>		
15	26.02.2021	<ul style="list-style-type: none"> <li>• Article on "Angria Bank" as a reserved area in Sea in India in Marathi language</li> </ul>		
16	27.02.2021	<ul style="list-style-type: none"> <li>• Photos of election of NFF</li> </ul>		
17	28.02.2021	<ul style="list-style-type: none"> <li>• Memes about "National Science Day".</li> </ul>		

### **NETFISH IMPACTS**

- The trawler owners at Omkar Machimar Society purchased and distributed more than 50 square mesh cod end during the month.



## 11. GUJARAT

- During the month, 12 training programmes were conducted, as briefed below.

<i>Selected Place</i>	<i>Vessel</i>	<i>PC</i>	<i>Total Programme</i>	<i>Total Beneficiaries</i>
Veraval	10	2	12	151
<b>Total</b>	<b>10</b>	<b>2</b>	<b>12</b>	<b>151</b>

<i>No.</i>	<i>Date</i>	<i>Place</i>	<i>Type of Programme</i>	<i>No. of Beneficiaries</i>
1	04.02.21	Veraval	<i>Vessel based programme</i>	8
2	05.02.21	Veraval	<i>Vessel based programme</i>	8
3	06.02.21	Veraval	<i>Processing</i>	35
4	09.02.21	Veraval	<i>Vessel based programme</i>	7
5	11.02.21	Veraval	<i>Processing</i>	35
6	15.02.21	Veraval	<i>Vessel based programme</i>	7
7	17.02.21	Veraval	<i>Vessel based programme</i>	8
8	17.02.21	Veraval	<i>Vessel based programme</i>	7
9	18.02.21	Veraval	<i>Vessel based programme</i>	9
10	18.02.21	Veraval	<i>Vessel based programme</i>	8
11	19.02.21	Veraval	<i>Vessel based programme</i>	10
12	20.02.21	Veraval	<i>Vessel based programme</i>	9



*Vessel based programme at Veraval*



*Processing programme at Veraval*

➤ **Other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	13.02.21	Field visit	SCO	As per the instruction from, DD RD, Veraval, SCO visited Mangrol fishing harbour to cross check the use of sulphite/ingredients by fishermen.
2	19.02.21	Special programame	SCO	Appreciation programme for owner, captain & crew of fishing vessel 'Jalsagar' who adopted chill killing method in their vessel to reduce post harvest loss.



*Appreciation programme for owner, captain & crew of fishing vessel 'Jalsagar' who adopted chill killing method in their vessel to reduce post harvest loss.*

➤ **Details of information disseminated to stakeholders on social media during the month-** (12 WhatsApp groups in 12 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01/02/21	1.video of small fish catch	WhatsApp	More than 1200
2	02/02/21	1. Information about squid products, depth of Ocean	WhatsApp	More than 1200
3	03/02/21	1.Information about Blue shark, tiger shark	WhatsApp	More than 1200
4	04/02/21	1.Video of sea turtle entangled in ghost nets	WhatsApp	More than 1200
5	05/02/21	1.Video of MPEDA'S Covid-19 video for international Market –safe Indian food 2.Video on Ocean pollution	WhatsApp	More than 1200
6	06/02/21	1.Information about single use plastic 2.Photos of PP programme conducted at Veraval	WhatsApp	More than 1200
7	07/02/21	1.Information about Black King fish or Cobia, Tuna fish 2.Identification of Ribbon fish 3.Video on Traditional fish catching 4.Video on Square mesh cod end 5. News Paper article on Gujarat Fishermen hurt by Payment delays. (SEAI all India President)	WhatsApp	More than 1200
8	08/02/21	1.Information about cuttle fish, tiger prawn, Japan Tuna, Lobster	WhatsApp	More than 1200
9	09/02/21	1.Information about Japan Tuna, Lobster 2.Photos on Effect FVBP at Veraval	WhatsApp	More than 1200
10	10/02/21	1.Photos of Fishing vessel cleaning by Fishermen in Gujarat	WhatsApp	More than 1200

		2.Information about whale Shark, sole fish, Big eye tuna 3.Video on Sea turtle released by Mangrol and Veraval Fishermen 3.Ocean Pollution 4.Video of sea turtle released by Mangrol fishermen		
11	11/02/21	1.Information about pomfret 2.Turtle trapped because of dumping unwanted net into sea	WhatsApp	More than 1200
12	12/02/21	1.Video of Turtle released by Jafrabad fishermen 2.Turtle is facing lot of problem plastic Pollution into sea 3.video of smoking fish 4.Information about Hilsa fish	WhatsApp	More than 1200
13	13/02/21	1.Information about hammer head shark, sea turtle, croaker fish 2.Video of how to remove vein from prawns	WhatsApp	More than 1200
14	14/02/21	3.Information about plastic pollution in Sea 2.Video of Sea turtle released by Mangrol Fishermen	WhatsApp	
15	15/02/21	1.Information about yellow fin tuna , Pomfret 2.Video of dolphin rescue 3.Information about Plastic pollution in Sea	WhatsApp	More than 1200
16	16/02/21	1.Information about Tuna fish, Bombay duck	WhatsApp	More than 1200
17	17/02/21	1.Information about ocean zone	WhatsApp	More than 1200
18	18/02/21	1.Information about lobster	WhatsApp	More than 1200
19	19/02/21	1.Information about Jalsagar Vessel following hygienic standards as trained by NETFISH 2.Information about Threadfin bream	WhatsApp	More than 1200
20	20/02/21	1.Information about sperm whale , sea turtle , grenadier	WhatsApp	More than 1200
21	21/02/21	1.Information about black pomfret 2.Video of sea turtle released by Mangrol Fishermen 3.Video of TED	WhatsApp	More than 1200
22	22/02/21	1.Health benefits of Telapia fish 2.Information about MPEDA CMFRI -FSI for joint survey on MM&T , MMPA etc	WhatsApp	More than 1200
23	23/02/21	1.Information about bonneto fish	WhatsApp	More than 1200
24	24/02/21	1.Information about tiger prawns 2.Video of eel fish	WhatsApp	More than 1200
25	25/02/21	1.Video of turtle released by Mangrol Fishermen, Porbandar Fishermen	WhatsApp	More than 1200
26	26/02/21	1.Information about shrimps, deep sea lobster 2.Video of sea turtle released by Mangrol Fishermen	WhatsApp	More than 1200
27	27/02/21	1.Defination of Plankton 2.Information about sea turtle food , Jelly fish etc 3.Photos of outcome of Harbour based programme conducted at Veraval FH 4.Vidoe of sea turtle released by Mangrol Fishermen	WhatsApp	More than 1200
28	28/02/21	1.Shallow fried prawns dish	WhatsApp	More than 1200



### NETFISH IMPACTS

- ▶ Due to NETFISH continues awareness programmes, the fishermen of Veraval now clean all fish contact surfaces before and after use, use clean water, crates and boxes to reduce post harvest loss.



- ▶ As a result of NETFISH Vessel based training programme in Gujarat region, the boat owner of Jal Sagar boat purchased insulated boxes and started practicing chill killing method to reduce post harvest loss. They saved Rs. 30,000 in second trip because of reduced post harvest loss.



- ▶ The fishermen of Mahadev fishing vessel, Veraval now bring clean sea water to wash fish and boat after landing to avoid use of dirty harbour water.



- ▶ Jamna Maiya Vessel owner in Gujarat region had purchased Gumboot and rubber gloves after NETFISH training programme for better handling of fish catch to reduce post harvest loss.



***Innovative/sustainable fishing practice observed during the month:*** NETFISH Gujarat had given training to HDCs and further HDCs have trained the fishermen about marine mammals and sea turtles, and now the fishermen are releasing protected animals like whale shark, sea turtle etc. which are accidentally caught in their net during fishing.



***Gujarat fishermen releasing back the Sea Turtles to sea***

