



MPEDA – NETFISH



मासिक विवरण-दिसंबर 2021

MONTHLY REPORT-DECEMBER 2021



**Network for Fish Quality Management & Sustainable Fishing
(NETFISH)**

Vallarpadam P.O., Kochi – 682 504, Kerala, India

Ph: 0484 2982205

netfish@mpeda.gov.in

www.netfishmpeda.org

MONTHLY REPORT ON ACTIVITIES OF NETFISH DURING DECEMBER 2021

I. Summary

Extension activities of NETFISH along the maritime states of India during December 2021 consisted of 240 awareness programmes.

Sl.No.	Type of programme	No. of programmes
I	NETFISH Target Programmes	
1	Harbour based programme	50
2	Fishing vessel-based programme	60
3	Pre-processing programme	12
4	Processing programme	4
5	Dry fish programme	8
6	Special Programme	0
II	Other Special Programmes	
1	Tuna Histamine testing demo	2
2	NFDB Sponsored awareness programme	14
3	Paradeep Port Trust Sponsored programme	19
4	Joint programme with CIFNET	3
III	Meetings (physical)	15
IV	Awareness classes by HDCs (physical)	53
	TOTAL	240

Table: Details of Extension Programmes conducted during December 2021

Highlights

- Conducted 4 nos. of Sea food unit training programmes in West Bengal & Odisha and received Rs. 40,000/- as training fees.
- Conducted 14 numbers of NFDB sponsored awareness programme for SC fishermen in West Bengal
- Conducted 19 nos. of Paradeep Port Trust sponsored awareness programmes in Odisha.
- Conducted 2 nos. of onsite Tuna Histamine testing demonstration programme in Tamil Nadu for estimation of quality of fishes in Fishing Harbours
- NETFISH along with CIFNET Kochi had organized 3 awareness programmes for the fishers at Chellanam, Thottappally & Cherai regions
- State Coordinator, West Bengal along with Deputy Director, MPEDA, RD, Kolkata had visited Tripura and made a series of meetings with the CEO and officials of Tripura Tribal Autonomous District Council (TTAADC), officials of State fisheries and Secretary of fisheries, Govt. of Tripura and other stakeholders regarding setting up of mechanical solar dryer under the NETFISH MPEDA financial assistance scheme, development of GIFT hatchery & grow out and development of dry fish sector.
- 53 nos. of awareness classes on Hygiene & Conservation and Covid-19 guidelines were organized through the Harbour Data Collectors at respective harbours.
- Conducted physical verification and review meeting of HDCs at various fishing harbours and landing centres.
- Disseminated information among stakeholders on protection of Marine mammals and sea turtles, Eradication of single use plastic, Hygienic handling of fish, personal hygiene, etc. through Whatsapp group formed in fishing harbours.

II. State/Region wise details of Activities during the month

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

State/Region	FH	FV	PPC	PC	DF	Special	Other Special	NFDB	PPT	CIFNET	Awareness by HDC-Physical	Virtual trainings	Meetings	Total
West Bengal	1	1		2				14					4	22
Odisha		1		2					19					22
Andhra Pradesh North	7	2			2						10			21
Andhra Pradesh South	6	7			2						3			18
TN South	2	10					2							14
Kerala South	2	3	4							2	7			18
Kerala North	5	7	2							1				15
Karnataka	4	6			2						1			13
Maharashtra South & Goa	4	16												20
Maharashtra North	9	6			2						11		8	36
Gujarat	10	1	6								21		3	41
Total	50	60	12	4	8	0	2	14	19	3	53	0	15	240

1. WEST BENGAL

Type of Activity	No. of programmes
Physical Programmes	18
Virtual Programmes	0
Meetings	4
Total	22

➤ Physical Training programmes conducted during the month

Type of programme	South Parganas	24	Hanra	Digha	Heria	Purba medinipur	Deshapran	Total
Fishing Harbour based programme							1	1
Fishing Vessel based programme			1					1
Processing Centre programme				1	1			2
NFDB Sponsored programme	11					3		14
Total	11		1	1	1	3	1	18

S.N.	Date	Location	Type of Activities	No: of Participants
1	01.12.21	Lalganj, South 24 Parganas	NFDB Sponsored awareness programme on Dry fish development for SC fishers	50
2	02.12.21	Raidighi, South 24 Pargans	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
3	03.12.21	Hanra, South 24 Parganas	Fishing Vessel programme & Awareness on Eradication of single use plastic	15

4	09.12.21	Narayanpur, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
5	10.12.21	Nandabangha, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
6	11.12.21	Namkhana, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
7	11.12.21	M/s. Basu International, Digha	Processing centre training programme	21
8	12.12.21	M/s. Pashupati Aquatics Pvt. Ltd, Heria	Processing centre training programme	39
9	15.12.21	Hanra, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
10	16.12.21	Gangasagar, South 24 Parganas	NFDB Sponsored awareness programme on Dry fish development for SC fishers	50
11	17.12.21	Tapabon, South 24 Parganas	NFDB Sponsored awareness programme on Dry fish development for SC fishers	50
12	22.12.21	Malancha, Purba Medinipur	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
13	23.12.21	New Jaldah, Purba Medinipur	NFDB Sponsored awareness programme on Dry fish development for SC fishers	50
14	24.12.21	Kalagachia, Purba Medinipur	NFDB Sponsored awareness programme on Dry fish development for SC fishers	50
15	24.12.21	Deshapran	Fishing Harbour based proramme	10
16	28.12.21	Namkhana LC, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
17	29.12.21	Patharpratima, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50
18	30.12.21	Akshaynagar, South 24 Parganas	NFDB Sponsored awareness programme on reduction of post harvest loss & conservation for SC fishers	50



NFDB Sponsored awareness programmes at South 24 Parganas

➤ **The following meetings/inspections were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Participants
1	03.12.21	Sultanpur	Arranged meeting with boat owners on NFDB training programme & Financial assistance for setting up solar dryers and IFB	5

2	07.12.21	Khumlulwng, TTAADC, Tripura	SCO along with DD MPEDA Kolkata had visited Agartala and conducted meeting with Officials of TTAADC, Executive Member (Fishery), CEO, TTAADC regarding financial assistance for setting up solar dryer, GIFT and IFB for SC beneficiaries	9
3	08.12.21	Mandirbazar, Dombour reservoir	Field visit and meeting with the beneficiaries for setting up solar dryers and cage in North Dombour reservoir for fish culture	20
4	09.12.21	Teliamuri, Ranibazar, DoF, TTAADC office	Inspection of site for setting up solar dryer and meeting with beneficiary for solar dryer and GIFT farming. Meeting with State Fisheries officers, Officials of TTAADC, Executive Member (Fishery), CEO, TTAADC & Secretary of Fisheries regarding development of SC beneficiaries, financial assistance for setting up solar dryer, GIFT and IFB.	--
5	10.12.21	Nandan Nagar, Tripura	Inspection of site for setting up solar dryer and meeting with beneficiary for solar dryer and other scheme.	
6	23.12.21	Meen Bhaban, Contai	Meeting with ADF (Marine) regarding NFDB sponsored programmes, harbour development, conservation, data entry, installation of FAD etc.	4
7	24.12.21	Digha mohana, Purba Meiniipur	Stakeholders meeting on Development of Fisheries Management plan for Sustainable Marine Fisheries in West Bengal & Odisha” organized by CMFRI, Digha	25
8	27.12.21	MPEDA, RD, Kolkata	Meeting with fish dryer manufacturer and beneficiaries for setting up solar dryers	09
9	28.12.21	Namkhana	Meeting with SC beneficiary regarding NFDB sponsored SC training programmes, financial assistance for setting up solar dryer and IFB	07
10	29.12.21	-	Review meeting of SCO and HDCs by HO MPEDA	60
11	30.12.21	Kakdwip, South 24 Parganas	Meeting with beneficiaries & Secretary Kakdwip Fisherman Association regarding MPEDA NETFISH subsidy for installation of solar dryers and IFB	11

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	11.12.21	Training programme at M/s. Basu International, Digha	Received Rs.10000/- as training fees for processing centre training programme
2	12.12.21	Training programme at M/s. Pashupati Aquatics Pvt. Ltd, Heria	Received Rs.10000/- as training fees for processing centre training programme

➤ **Details of information disseminated to stakeholders on social media:**(7 WhatsApp groups in 7 harbours)

Sl. No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	02.12.21	NETFISH-MPEDA, Kolkata conducted NFDB sponsored training programme for SC fishers on Reduction of post-harvest loss and conservation of marine resources at Nagendrapur, South 24 Parganas	Facebook, Instagram, Whatsapp	2000
2	04.12.21	Handling of catch on polysheet, using plastic baskets and plastic crates at Freserganj FH	Facebook, Instagram, Whatsapp	2000

3	04.12.21	NETFISH-MPEDA, Kolkata conducted NFDB sponsored training programme for SC fishers on Dry fish development at Lalganj, South 24 Parganas	Facebook, Instagram, Whatsapp	2000
4	07.12.21	Ecolabels The Environment friendly export!	Facebook, Instagram	1500
5	07.12.21	Flambeyed prawns	Facebook, Instagram	1500
6	07.12.21	Get export – quality Seafood at your doorstep from MPEDA's Seafood India Stall	Facebook, Instagram	1500
7	08.12.21	All Hail Aquaculture!	Facebook, Instagram	1500
8	10.12.21	India exported US\$ 5393 million worth seafood till November 2021	Facebook, Instagram	1500
9	12.12.21	Fish Stew (Kerala)	Facebook, Instagram	1500
10	16.12.21	NETFISH-MPEDA, Kolkata conducted NFDB sponsored training programme for SC fishers on reduction of post-harvest loss and conservation of marine resources at Hanra Jelepara, South 24 Parganas	Facebook, Instagram, Whatsapp	2000
11	17.12.21	NETFISH-MPEDA conducted an awareness programme for the popularization of square mesh at Paradip Fishing Harbour	Facebook, Instagram	1500
12	17.12.21	NETFISH-MPEDA, Kolkata conducted NFDB sponsored training programme for SC fishers on Dry fish development at Tapabon, South 24 Parganas	Facebook, Instagram, Whatsapp	2000
13	18.12.21	NETFISH-MPEDA, Kolkata conducted NFDB sponsored training programme for SC fishers on Dry fish development at Gangasagar, South 24 Parganas	Facebook, Instagram, Whatsapp	2000
14	18.12.21	'tis the season to become Star!	Facebook, Instagram	1500
15	20.12.21	Reef Cod Masala	Facebook, Instagram	1500
16	20.12.21	Shri K. S. Srinivas, IAS, Chairman, MPEDA delivered a talk on "Export Potential in Traditional and Sunrise Sectors- Seafood Scenario"	Facebook, Instagram	1500
17	22.12.21	Is your seafood traceable?	Facebook, Instagram, Whatsapp	2000
18	22.12.21	Fishing you all the happiness!	Facebook, Instagram	1500
19	23.12.21	MPEDA-RGCA supplied Fish Seeds during the month of November'21 to the farmers in Andhra Pradesh	Facebook, Instagram	1500
20	23.12.21	We eat because they farm – Thank a farmer Today!	Facebook, Instagram	1500
21	25.12.21	A Milestone Achievement of Aquatic Quarantine Facility by quarantining of 20 Lakhs L. vannamei Bloodstocks of Seed	Facebook, Instagram	1500
22	25.12.21	Team MPEDA wishes you all a Merry Christmas!	Facebook, Instagram	1500
23	26.12.21	Baked Fish – Parsi!	Facebook, Instagram	1500
24	27.12.21	Enrol your Hatchery	Facebook, Instagram	1500
25	30.12.21	Subscribe to MPEDA monthly news letter	Facebook, Instagram	1500

Impacts/Outcomes observed during the month

- Use of crates, poly sheet and adequate quantity of ice to Reduce post-harvest loss



2. ODISHA

Type of Activity	No. of programmes
Physical programmes	22
Virtual programmes	0
Meetings	0
Total	22

- **Physical Training programmes conducted during the month**

Type of programme	Paradeep	Balasore	Balramgadi	Bhubaneswar	Total
Fishing Vessel based programme			1		1
Processing programme		1		1	2
PPT Sponsored programme	19				19
Total	19	1	1	1	22

S.N.	Date	Location	Type of Activities	No: of Participants
1	1.12.21	Paradeep	Harbour based programme -CSR PPT	10
2	2.12.21	Paradeep	Harbour based programme - CSR PPT	10
3	3.12.21	Paradeep	Harbour based programme - CSR PPT	10
4	6.12.21	Paradeep	Harbour based programme - CSR PPT	10
5	7.12.21	Paradeep	Harbour based programme - CSR PPT	10
6	8.12.21	Paradeep	Harbour based programme - CSR PPT	10
7	8.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
8	9.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
9	11.12.21	Paradeep	Fishing Vessel based programme - CSR PPT	10
10	12.12.21	Paradeep	Fishing Vessel based programme - CSR PPT	10
11	13.12.21	Paradeep	Fishing Vessel based programme - CSR PPT	10
12	14.12.21	Paradeep	Fishing Vessel based programme - CSR PPT	10
13	15.12.21	M/s. Highland Agro,Balasore	Processing training programme	40
14	15.12.21	Paradeep	Fishing Vessel based programme - CSR PPT	10
15	15.12.21	Balramgadi	Fishing Vessel based programme	10
16	16.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
17	17.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
18	19.12.21	M/s. Singary Marine Pvt Ltd, Bhubaneswar	Processing training programme	40

19	21.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
20	22.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
21	30.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10
22	31.12.21	Paradeep	Square Mesh Popularization Programme- CSR PPT	10



Paradeep Port Trust sponsored awareness programme at Paradeep FH

- **The following meetings/inspections were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Participants
1	24.12.21 & 30.12.21	Telephonic Discussion	Discussion with Dr.R.N. Samal, Scientific Officer CDA regarding implementation of SC/ST project at Chilka	2

- **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	15.12.21	Training programme at M/s. Highland Agro,Balasore	Received Rs.10000/- as training fees for processing centre training programme
2	19.12.21	Training programme at M/s. Singary Marine Pvt Ltd, Bhubaneswar	Received Rs.10000/- as training fees for processing centre training programme

- **Details of information disseminated to stakeholders on social media:**(7 WhatsApp groups in 5 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.12.21	Video- Co-management in Fishery	Whatsapp	500
2	03.12.21	Video - Comparison between maintaining hygiene and not maintaining hygiene,	Whatsapp	500
3	05.12.21	Videos - Managing the fish and fishery resources	Whatsapp	500
4	07.12.21	Videos- An Escape to Depth, Journey of seafood	Whatsapp	500
5	09.12.21	Video- Co-management in Fishery	Whatsapp	500
6	12.12.21	Videos - Conservation of Marine resources, Avoid use of plastic, An Escape to Depth	Whatsapp	500
7	14.12.21	Video - Advantage of using square mesh cod end	Whatsapp	500
8	16.12.21	Videos -Conservation of Marine resources Quality of Shrimp seed (PDF)	Whatsapp	500
9	17.12.21	Video- Co-management in Fishery	Whatsapp	500
10	19.12.21	Video - Comparison between maintaining hygiene and not maintaining hygiene	Whatsapp	500
11	21.12.21	Video- Managing the fish and fishery resources Renewal notice (PDF) for mechanized fishing vessel (Govt.ofOdisha)	Whatsapp	500
12	23.12.21	Videos- Journey of seafood, An Escape to Depth	Whatsapp	500
13	25.12.21	Video- Co management in Fishery	Whatsapp	500

14	26.12.21	Videos - Conservation of Marine resources, Avoid use of plastic, An Escape to Depth	Whatsapp	500
15	27.12.21	Video – Advantage of using square mesh cod end	Whatsapp	500
16	28.12.21	Videos -Conservation of Marine resources Quality of Shrimp seed	Whatsapp	500
17	29.12.21	Video- Comangement in Fishery	Whatsapp	500
18	30.12.21	Video - Comparison between maintaining hygiene and not maintaining hygiene	Whatsapp	500

3. ANDHRA PRADESH

3.1 Andhra Pradesh North

Type of Activity	No. of programmes
Physical programmes	21
Virtual programmes	0
Meetings	0
Total	21

➤ Physical Training programmes conducted during the month

Type of programme	Vizag	Kakinada	Pudimada	Total
Fishing Harbour based programme	2	2	3	7
Fishing Vessel based programme	1	1		2
Dry fish programme	1	1		2
Total	4	4	3	11

S.N.	Date	Location	Type of Activities	No: of Participants
1	03.12.21	Vizag	Fishing Vessel based programme	10
2	07.12.21	Vizag	Fishing Harbour based programme	26
3	08.12.21	Vizag	Dry fish awareness programme	20
4	09.12.21	Vizag	Fishing Harbour based programme	23
5	14.12.21	Kakinada	Fishing Vessel based programme	10
6	15.12.21	Kakinada	Fishing Harbour based programme	13
7	16.12.21	Kakinada	Dry fish awareness programme	29
8	17.12.21	Kakinada	Fishing Harbour based programme	24
9	21.12.21	Pudimadaka	Fishing Harbour based programme	22
10	22.12.21	Pudimadaka	Fishing Harbour based programme	18
11	23.12.21	Pudimadaka	Fishing Harbour based programme	20
12	27.12.21	Vizag	Sea Safety programme in association with Coast Guard	17



Fishing Vessel based programme at Vizag



Vessel based programme at Kakinada

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Vizag	Kakinada	Pudimadaka	Total
Awareness on Plastic eradication	5	2	3	10
Total	5	2	3	10

S.N.	Date	Location	Type of Activities	No: of Participants
1	08.12.21	Vizag	Awareness programme on Eradication of plastic	15
2	09.12.21	Pudimadaka	Awareness programme on Eradication of plastic	18
3	15.12.21	Vizag	Awareness programme on Eradication of plastic	20
4	16.12.21	Pudimadaka	Awareness programme on Eradication of plastic	15
5	17.12.21	Kakinada	Awareness programme on Eradication of plastic	17
6	22.12.21	Vizag	Awareness programme on Eradication of plastic	12
7	23.12.21	Kakinada	Awareness programme on Eradication of plastic	15
8	27.12.21	Vizag	Awareness programme on Eradication of plastic	20
9	29.12.21	Vizag	Awareness programme on Eradication of plastic	20
10	29.12.21	Pudimadaka	Awareness programme on Eradication of plastic	15

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of participants
1	02.12.21	Visakhapatnam	Attend the inaugural function of 1 day Open house for survey vessels organized by FSI Vizag	26
2	27.12.21	Visakhapatnam	Coordinated with the Coast Guard in conducting an awareness program on Sea safety equipment for Boat owners, crew of multiday fishing vessels, Dept of Fishery officials and Port officials	17
3	28.12.21	Vizag	Coordinated with the Port Trust for the market area cleanup programme	25
4	29.12.21	Vizag	Conducted HDC evaluation & attended the review meeting of SCOs & HDCs by MPEDA HO	--
5	30.12.21	Vizag	Coordinated with SRD MPEDA Vizag for the visit of Chairman MPEDA to Visakhapatnam and Srikakulam to inaugurate the cross-bridge foundation stone at Gara Mandal useful to NaCSA farmers	--

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	28.12.21	SCO had met the Deputy Traffic Manager of Vizag Port Trust and discussed about the project proposal on sustainable fishing	The Manager responded positively and asked to submit a project proposal with a low budget to Chairman through Chief Mechanical Engineer

- **Details of information disseminated to stakeholders on social media:**(4 WhatsApp groups in 4 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	02.12.2021	Poster- National Pollution Control day	WhatsApp	350
2	02.12.2021	Video - Release of live turtle back to waters by fishermen of West Bengal with the message to save sea turtles	WhatsApp	350
3	03.12.2021	Cyclone alert to North East cost fishermen	WhatsApp	350
4	04.12.2021	Hygienic handling of catch by using crates and sheets at harbours to control post harvest loss	WhatsApp	350
5	07.12.2021	MPEDA poster- "ECOLABELS EXPORTS, but use it wisely.	WhatsApp	350
6	11.12.2021	Video -How to clean Sea	WhatsApp	350
7	11.12.2021	Disseminated the poster of importance in consumption of Salman Fish in Telugu to HDC WhatsApp groups.	WhatsApp	350
8	13.12.2021	Video- "Why Sustainable fishing is important"	WhatsApp	350
9	16.12.2021	MPEDA Poster- "Blockchain in Seafood Trade"	WhatsApp	350
10	17.12.2021	Potential fishing zones	WhatsApp	350
11	19.12.2021	Poster- Importance of fish meat consumption	WhatsApp	350
12	23.12.2021	Stranded live whale shark released back to sea near Visakhapatnam by the local fishermen	WhatsApp	350
13	25.12.2021	MPEDA-Christmas wishes	WhatsApp	350
14	27.12.2021	Video- Turtle caught in boat safe releasing back to sea	WhatsApp	350

Impacts/Outcomes observed during the month

- The dry fishers of Visakhapatnam fishing harbour are now selling their product in improved way using newly constructed facility with the funds of Visakhapatnam Port Trust. Usually, the dry fish traders selling their product on roadside by using a small sheet or piece of net. Due to the awareness generated by NETFISH, now the Dry fishers are doing trade in an improved way. Now some of them show interest in selling the dry fish products in packaged form.



Before & After view of Dryfish sale at Vizag harbour

- As a result of NETFISH awareness programme on conservation of Juvenile fishes, the boats operating with ring seine nets are now observed doing fishing only beyond 8 km from the coast. If there is any violation by the ring seine fishers, the traditional fishermen are objecting and not allowing them to do fishing. Dept. of Fisheries is also observing and taking control measures by doing patrolling with the support of Marine Police. With this control the traditional fishermen are noticed that the fishing is satisfactory as juveniles are saved and growing.
- The awareness generated by the HDC on Marine Mammal Protection Act during the MMPA survey at Pudimadaka fish landing center, Visakhapatnam the fishermen of Tantadi village are

informed to the Dept. of Forest and saved the live Whale Shark of 2 tons weight came to the coast which was unable to go back to the sea. As the shark was unable to go back to the waters the local fishermen helped in releasing it back to sea alive.

3.2 Andhra Pradesh South

Type of Activity	No. of programmes
Physical programmes	18
Virtual programmes	0
Meetings	0
Total	18

➤ Physical Training programmes conducted during the month

Type of programme	Vodarevu	Nizampatnam	Total
Fishing Vessel based programme	1	6	7
Fishing Harbour based programme	6		6
Dry fish awareness programme	2		2
Total	9	6	15

S.N.	Date	Location	Type of Activities	No: of Participants
1	07.12.21	Vodarevu	Fishing Harbour based programme	21
2	08.12.21	Nizampatnam	Fishing Vessel based programme	9
3	09.12.21	Vodarevu	Dry fish awareness programme	23
4	13.12.21	Nizampatnam	Fishing Vessel based programme	8
5	14.12.21	Vodarevu	Fishing Harbour based programme	19
6	15.12.21	Nizampatnam	Fishing Vessel based programme	9
7	16.12.21	Vodarevu	Fishing Harbour based programme	16
8	17.12.21	Vodarevu	Fishing Harbour based programme	19
9	21.12.21	Vodarevu	Dry fish awareness programme	24
10	22.12.21	Nizampatnam	Fishing Vessel based programme	9
11	23.12.21	Vodarevu	Fishing Harbour based programme	16
12	27.12.21	Vodarevu	Fishing Harbour based programme	19
13	28.12.21	Nizampatnam	Fishing Vessel based programme	11
14	30.12.21	Nizampatnam	Fishing Vessel based programme	9
15	31.12.21	Vodarevu	Fishing Vessel based programme	12



Vessel based programme at Nizampattinam



Harbour based programme at Vodarevu

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Machilipatnam	Total
Fishing Vessel based programme	1	1
Fishing Harbour based programme	2	2
Total	3	3

S.N.	Date	Location	Type of Activities	No: of Participants
1	11.12.21	Machilipatnam	Fishing Harbour based programme	7
2	15.12.21	Machilipatnam	Fishing Harbour based programme	10
3	23.12.21	Machilipatnam	Fishing Vessel based programme	7

➤ **Details of information disseminated to stakeholders on social media:**(9 WhatsApp groups in 9 harbours)

SL.No.	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.12.2021	MPEDA Poster- The Essential Nutrients In SQUID Help In The Performance And Health Of Blood Cells, Bones And The Immune System	Whatsapp	550
2	02.12.2021	Weather Report	Whatsapp	550
3	03.12.2021	Weather Warning-INCOIS App	Whatsapp	550
4	04.12.2021	Cyclone warning - FFMA App	Whatsapp	550
5	05.12.2021	Cyclone warning - FFMA App	Whatsapp	550
6	06.12.2021	Fishermen Community Protest Against HETERO FARMA At Visakha-NTV News	Whatsapp	550
7	07.12.2021	MPEDA Poster- All Hail Aquaculture	Whatsapp	550
8	08.12.2021	BARE HANDED SHARK Fishing Video-	Whatsapp	550
9	09.12.2021	News- Modern Fish Market Opened By Mudunuri-Narasapuram MLA	Whatsapp	550
10	10.12.2021	Weather Update	Whatsapp	550
11	11.12.2021	Video- How to clean an ocean	Whatsapp	550
12	12.12.2021	Animation Video - Good Practice For better price	Whatsapp	550
13	13.12.2021	MPEDA Video- Why sustainable fishing is Important	Whatsapp	550
14	14.12.2021	Sea Cucumber Price	Whatsapp	550
15	15.12.2021	Video- Save Juvenile Fish	Whatsapp	550
16	16.12.2021	New Deep Sea Sighting: BARRELEYE Fish A Transparent Head And Tubular Eyes	Whatsapp	550
17	17.12.2021	Sea Turtle With Straw Up Its Nostril "NO" to plastic straws	Whatsapp	550
18	18.12.2021	Fish Available Information -INCOIS App, Video- Turtle Excluder Device(TED)Fitted Boat Trawl Net To Stop Turtles Drowning	Whatsapp	550
19	19.12.2021	MPEDA Poster- this is the season to become a star	Whatsapp	550
20	20.12.2021	Video- Chinese fishing nets at Fort Kochi, Kerala	Whatsapp	550
21	21.12.2021	News- Tamil Nadu fishermen held by Srilankan Navy	Whatsapp	550
22	22.12.2021	Video- Amazing Catching And Processing Scallops On Sea	Whatsapp	550
23	23.12.2021	Video- Mahi Mahi Fish News- 200 Kgs big fish caught in Krishna river	Whatsapp	550
24	24.12.2021	MPEDA -RGCA Supplied Fish Seeds during the month of November 21 To The Farmers In Andhra Pradesh	Whatsapp	550
25	25.12.2021	MPEDA Poster - Christmas wishes	Whatsapp	550
26	26.12.2021	Video- Fishermen Released Sea Turtle	Whatsapp	550
27	27.12.2021	Use of Salmon fish	Whatsapp	550
28	28.12.2021	Video- Pole And Line Fishing	Whatsapp	550
29	29.12.2021	Rare Fish Caught	Whatsapp	550
30	30.12.2021	Shrimp boat pulling trawl doors and wing trawling system	Whatsapp	550
31	31.12.2021	Animation Video- Square mesh cod end (Telugu)	Whatsapp	550

4. TAMIL NADU

4.1 Tamil Nadu South

Type of Activity	No. of programmes
Physical programmes	14
Virtual programmes	0
Meetings	0
Total	14

➤ Physical Training programmes conducted during the month

Type of programme	Tharuvaikulam	Thengapattinam	Total
Fishing Vessel based programme	6	4	10
Fishing Harbour based programme	2		2
Other Special-Histastrip demonstration programme	1	1	2
Total	9	5	14

S.N.	Date	Location	Type of Activities	No: of Participants
1	07.12.21	Taruvaikulam	Fishing Vessel based programme	10
2	07.12.21	Taruvaikulam	Fishing Vessel based programme	10
3	08.12.21	Taruvaikulam	Fishing Vessel based programme	11
4	08.12.21	Taruvaikulam	Fishing Vessel based programme	9
5	09.12.21	Taruvaikulam	Fishing Vessel based programme	10
6	09.12.21	Taruvaikulam	Fishing Vessel based programme	11
7	10.12.21	Taruvaikulam	Fishing Harbour based programme	13
8	10.12.21	Taruvaikulam	Fishing Harbour based programme	17
9	16.12.21	Taruvaikulam	Tuna Histastrip demonstration programme	34
10	17.12.21	Thengapattinam	Tuna Histastrip demonstration programme	25
11	22.12.21	Thengapattinam	Fishing Vessel based programme	10
12	22.12.21	Thengapattinam	Fishing Vessel based programme	10
13	23.12.21	Thengapattinam	Fishing Vessel based programme	9
14	23.12.21	Thengapattinam	Fishing Vessel based programme	10



Demonstration of Chill killing practice & Distribution of fisher aid material during Vessel based programme

NETFISH Tamil Nadu South region in association with Perkin Elmer had arranged 2 nos. of onsite Histamine testing demonstration programme at Taruvaikulam and Thengapattinam FH on 16th& 17th of the month respectively. Dr.Joice V.Thomas, CE NETFISH delivered the inaugural address and emphasized the importance of knowledge on histamine to fishermen. Mr. S. Asok Kumar, DD, MPEDA, SRD, Tuticorin explained about Scombrotoxin as a food borne toxin associated with the consumption of fish particularly species belonging to Scombridae and Scomberesocidae families such as tuna and mackerel. He also indicated how histamine content can be a deterrent to exports of fishes such as Tuna and Mackerel. Mr. Vijayaragavan, ADF (Marine), Dept of Fisheries and

Fishermen welfare, Tuticorin congratulated the efforts of NETFISH-MPEDA for taking the initiative for the betterment of quality of fishes landed in Tharuvaikulam. He also highlighted the participatory approach of NETFISH with Dept of Fisheries and Fishermen welfare in such field level activities. Mr. Amarjeet Sharma, Business Development Officer, Perkin Elmer, Mumbai detailed the HISTASTRIP product description.

Later on, Dr. Vinoth S Ravindran, State Coordinator NETFISH, extracted the muscle from various locations viz., pectoral, dorsal and caudal fin regions in sterile condition aseptically and in a manner such as to avoid cross contamination of samples and handed over for further histamine determination. Ms. Swapna, Technologist, Perkin Elmer, USA performed the Rapid visual colorimetric strip test for the determination of Histamine in fresh fish. The results based on colour change were explained to the officials and Fisher folk. The deep sea fishermen were very much happy to see the quality of their fishes for the first time and promised that they could further improve the quality of the fishes.



Demonstration of Tuna Histamine testing kit

- **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of participants
1	14.12.21	O/o.JDF, Tuticorin	SCO had attended the MSSRF DLAC meeting at O/o JDF, Tuticorin	-
2	28.12.21	SRD, Tuticorin	Conducted HDC meeting	-
3	29.12.21	-	Review meeting of SCO and HDCs by HO MPEDA	-

- **Details of information disseminated to stakeholders on social media:**(9 WhatsApp groups in 9 harbours)

S.NO	Date	Content Disseminated	Social Media	No. Of viewers. (Approx)
1	01.12.21	Weather Warning	Whatsapp	664
2	07.12.21	MPEDA Poster- Ecolabels the environment friendly export	Whatsapp	543
3	13.12.21	Kisan card details MPEDA Poster- Find the solution here Visit MPEDA	Whatsapp	544
4	16.12.21	MPEDA Poster- Block chain in seafood trade	Whatsapp	404
5	17.12.21	SRD Tuticorin conducted onsite demonstration KIT-HISTASTRIP at Tharuvaikkulam	Whatsapp	413
6	18.12.21	MPEDA Poster- We are all set to welcome Christmas	Whatsapp	637
7	20.12.21	Mechanized boat and country craft verification	Whatsapp	100

		instructions by ADF		
8	21.12.21	Photos of onsite tuna histamine testing demonstration MPEDA Poster- Is your seafood traceable?	Whatsapp	614
9	22.12.21	Message of Mechanized boat and country craft verification date by ADF	Whatsapp	96
10	23.12.21	MPEDA Poster- We eat became they farm NETFISH-MPEDA Tuticorin conducted fishing vessel based training at Thengapattinam FH	Whatsapp	903
11	25.12.21	MPEDA Poster- Christmas wishes	Whatsapp	591
12	27.12.21	Physical verification for vessels- message from ad office Colachel	Whatsapp	81
13	28.12.21	Fisheries job opportunities Subsidy for vessels	Whatsapp	170
14	29.12.21	News - 50% subsidy for mechanized boat building project	Whatsapp	104

5. KERALA

5.1 Kerala South

Type of Activity	No. of programmes
Physical programmes	18
Virtual programmes	0
Meetings	0
Total	18

➤ Physical Training programmes conducted during the month

Type programme of	Thoppumpady	Chellanam	Chandiroom	Aroor	Panavally	Thottappally	Sakthikulangara	Total
Fishing Harbour based programme	2							2
Fishing Vessel based programme							3	3
Pre-processing programme			2	1	1			4
Awareness programme with CIFNET		1				1		2
Total	2	1	2	1	1	1	3	11

S.N.	Date	Location	Type of Activities	No: of Participants
1	09.12.21	Thoppumpady	Harbour based programme	12
2	13.12.21	Thoppumpady	Harbour based programme	30
3	16.12.21	Chellanam	Awareness programme on Sea Safety Jointly with CIFNET	66
4	21.12.21	Chandiroom	Pre-processing centre programme	23
5	21.12.21	Chandiroom	Pre-processing centre programme	18
6	23.12.21	Aroor	Pre-processing centre programme	17
7	23.12.21	Panavally	Pre-processing centre programme	34
8	27.12.21	Thottappally	Awareness programme on Sea Safety Jointly with CIFNET	83
9	28.12.21	Sakthikulangara	Fishing Vessel based programme	6
10	28.12.21	Sakthikulangara	Fishing Vessel based programme	10
11	28.12.21	Sakthikulangara	Fishing Vessel based programme	11

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Sakthikul-angara	Neendakara	Thottappally	Adimala-thurai	Kayamkulam	Thoppumpady	Thangasserry	Total
Awareness programme on Chill killing, Juvenile fishing & Conservation	1	1	1	1	1	1	1	7

S.N.	Date	Location	Type of Activities	No: of Participants
1	18.12.21	Sakthikulangara	Awareness programme on Chill killing, Juvenile fishing & Conservation	5
2	18.12.21	Neendakara	Awareness programme on Chill killing, Juvenile fishing & Conservation	4
3	23.12.21	Thottappally	Awareness programme on Chill killing, Juvenile fishing & Conservation	6
4	27.12.21	Adimalathurai	Awareness programme on Chill killing, Juvenile fishing & Conservation	7
5	28.12.21	Kayamkulam	Awareness programme on Chill killing, Juvenile fishing & Conservation	7
6	28.12.21	Thoppumpady	Awareness programme on Chill killing, Juvenile fishing & Conservation	7
7	31.12.21	Thangasserry	Awareness programme on Chill killing, Juvenile fishing & Conservation	5



Joint Awareness programme with CIFNET on Sea Safety at Chellanam

➤ **The following meetings were attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of participants
1	07.12.21	Chellanam	Awareness class to fishers at Chellanam organized by Dept. of Fisheries, Kerala	30
2	09.12.21	Varappuzha	Awareness class to fishers at Varappuzha organized by CUSAT	30
3	10.12.21	Azheekode	Awareness class to fishers at Azheekode organized by Dept. of Fisheries, Kerala	30

4	14.12.21	West Hill, Kozhikode	Awareness class to fishers at West Hill, Kozhikode organized by Dept. of Fisheries, Kerala	30
5	15.12.21	Koyilandy	Awareness class to fishers at Koyilandy organized by Dept. of Fisheries, Kerala	30
6	22.12.21	Kannur	Awareness class to fishers at Kannur organized by Dept. of Fisheries, Kerala	30
7	24.12.21	Thoppumpady	Coordinated the visit of IAS Batch officers at Thoppumpady FH and Febine Marine Seafood unit, Chandiroor	18
8	29.12.21	NETFISH HO	Attended review meeting of SCOs & HDCs by HO MPEDA	--

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

SI NO	Date	Content disseminated	Social media used	No.of viewers
1	01/12/2021	World Aids day	Whatsapp	852
2	02/12/2021	Tips to protect Ocean	Whatsapp	839
3	03/12/2021	Ocean conservation	Whatsapp	850
4	06/12/2021	Video- Juvenile fish	Whatsapp	866
5	08/12/2021	Crab - eat carefully	Whatsapp	845
6	10/12/2021	Life jacket	Whatsapp	865
7	11/12/2021	Save ocean	Whatsapp	864
8	14/12/2021	Life Buoy	Whatsapp	869
9	15/12/2021	Omega 3	Whatsapp	869
10	16/12/2021	IUU	Whatsapp	876
11	17/12/2021	KUFOS seat vacancy for BFSc	Whatsapp	852
12	18/12/2021	Save Ocean	Whatsapp	832
13	20/12/2021	Mask or jellyfish	Whatsapp	876
14	21/12/2021	Ocean	Whatsapp	855
15	22/12/2021	We are all set to welcome Christmas	Whatsapp	870
16	19/12/2021	Happy Eid-E-Milad-Un-Nabi	Whatsapp	865
17	20/12/2021	E-waste ocean	Whatsapp	867
18	21/12/2021	Weather warning -Chakravaatha chuzhi Here's why you should not overfish	Whatsapp	868 852
19	22/12/2021	Mask or jelly fish	Whatsapp	871
20	24/12/2021	Save ocean	Whatsapp	867
21	27/12/2021	Protect ocean	Whatsapp	849
22	29/12/2021	NETFISH -CIFNET joint program link Aquaculture	Whatsapp	876
23	30/12/2021	Carefully crab	Whatsapp	857
24	31/12/2021	Eye care for you	Whatsapp	864

5.2 Kerala North

Type of Activity	No. of programmes
Physical programmes	15
Virtual programmes	0
Meetings	0
Total	15

➤ **Physical Training programmes conducted during the month**

Type of programme	Cherai	Chettuva	Munakkakadavu	Munambam	Ponnani	Total
Fishing Vessel based programme			4		3	7
Fishing Harbour based programme		3		2		5
Pre processing training				2		2
Awareness programme with CIFNET	1					1
Total	1	3	4	4	3	15

S.N.	Date	Location	Type of Activities	No: of Participants
1	09.12.21	Cherai	Awareness programme jointly with CIFNET	32
2	13.12.21	Chettuva	Fishing Harbour based Programme	24
3	17.12.21	Munakkakadavu	Fishing Vessel based programme	5
4	17.12.21	Munakkakadavu	Fishing Vessel based programme	5
5	20.12.21	M/s.Aroma PPC, Munambam	Pre-processing centre programme	18
6	20.12.21	M/s.PKP PPC, Munambam	Pre-processing centre programme	18
7	21.12.21	Munambam	Fishing Harbour based Programme	12
8	21.12.21	Munambam	Fishing Harbour based Programme	12
9	22.12.21	Ponnani	Fishing Vessel based programme	5
10	22.12.21	Ponnani	Fishing Vessel based programme	5
11	22.12.21	Ponnani	Fishing Vessel based programme	6
12	24.12.21	Munakkakadavu	Fishing Vessel based programme	5
13	24.12.21	Munakkakadavu	Fishing Vessel based programme	5
14	30.12.21	Chettuva	Fishing Harbour based Programme	12
15	30.12.21	Chettuva	Fishing Harbour based Programme	12



Harbour programme at Chettuva



PPC Programme at Maliankara

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Beneficiaries
1	02.12.21	Nayarambalam	Awareness class to fishers at Nayarambalam organized by CUSAT	40

2	03.12.21	Cherai	Awareness class to fishers at Cherai organized by Dept. of Fisheries, Kerala	35
3	07.12.21	Kannamaly	Awareness class to fishers at Kannamaly organized by Dept. of Fisheries, Kerala	30
4	08.12.21	Online	Awareness class to fishers at Kanjagad, Kasargod organized by Dept. of Fisheries, Kerala	
5	14.12.21	West Hill, Kozhikode	Awareness class to fishers at West Hill, Kozhikode organized by Dept. of Fisheries, Kerala	30
6	15.12.21	Koyilandy	Awareness class to fishers at Koyilandy organized by Dept. of Fisheries, Kerala	30
7	28.12.21	Munambam	Attended Munambam Fishing harbor management society meeting	8

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	--	Plastic collection project at Munambam	The plastic collection project at Munambam along with the NGO Plan@earth is under preparation
2	28.12.21	CSR fund from Munambam Fishing Harbour Management society	Munambam Fishing Harbour General body has sanctioned Rs.1 Lakh to conduct NETFISH extension programmes

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

Sl. No	Date	Contents Disseminated	Social media used	No of viewers
1	01.12.2021	Video- Advantages of square mesh net	Whatsapp	1501
2	02.12.2021	Video- Save juvenile fishes	Whatsapp	1488
3	07.12.2021	News about Sea turtle	Whatsapp	1503
4	08.12.2021	Importance of life jackets	Whatsapp	1502
5	09.12.2021	Importance of life buoy	Whatsapp	1498
6	10.12.2021	Save Oceans	Whatsapp	1495
7	11.12.2021	News about artificial fishing method	Whatsapp	1491
8	12.12.2021	Video- Eradication of plastic waste from ocean	Whatsapp	1483
9	16.12.2021	News about whale in Koyilandy	Whatsapp	1479
10	17.12.2021	Video- Sea turtle, a victim of plastic pollution	Whatsapp	1512
11	18.12.2021	Importance of life jackets	Whatsapp	1511
12	20.12.2021	News about ISRO Deep Ocean Mission	Whatsapp	1499
13	21.12.2021	Advantages of square mesh cod ends	Whatsapp	1483
14	23.12.2021	Fight the fire	Whatsapp	1473
15	24.12.2021	MPEDA Poster- Christmas wishes	Whatsapp	1467
16	25.12.2021	MPEDA Poster- Christmas wishes	Whatsapp	1451
17	27.12.2021	Dispose face masks properly	Whatsapp	1447
18	28.12.2021	Ocean fact - Oxygen production	Whatsapp	1421
19	29.12.2021	Save nature	Whatsapp	1378
20	30.12.2021	Fight against IUU Fishing	Whatsapp	1290

6. KARNATAKA & GOA

Type of Activity	No. of programmes
Physical programmes	13
Virtual programmes	0
Meetings	0
Total	13

➤ **Physical Training programmes conducted during the month**

Type of programme	Malpe	Honnavar	Total
Fishing harbor basedprogramme	3	1	4
Fishing vesselbasedprogramme	5	1	6
Dry fish awareness		2	2
Total	8	4	12

Sl. No:	Date	Location	Type of programme	No: of participants
1	03.12.21	Malpe	Fishing Vessel based programme	17
2	06.12.21	Malpe	Fishing harbour based programme	16
3	10.12.21	Malpe	Fishing harbour based programme	15
4	14.12.21	Honnavar	Dry fish awareness programme	21
5	15.12.21	Malpe	Fishing Vessel based programme	18
6	16.12.21	Malpe	Fishing harbour based programme	15
7	17.12.21	Honnavar	Dry fish awareness programme	18
8	18.12.21	Malpe	Fishing Vessel based programme	17
9	20.12.21	Malpe	Fishing Vessel based programme	15
10	21.12.21	Honnavar	Fishing Vessel based programme	15
11	23.12.21	Honnavar	Fishing harbour based programme	17
12	30.12.21	Malpe	Fishing Vessel based programme	15



Vessel based programme at Malpe



Harbour based programme at Malpe

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Tadri	Total
Awareness programme on Eradication of plastic	1	13

S.N.	Date	Location	Type of Activities	No: of Participants
1	17.12.21	Tadri	Awareness programme on Eradication of plastic	13

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Beneficiaries
1	02.12.21	Uduppi	Discussion with newly formed FFPO member regarding membership drive	--

2	07.12.21	Thottam	SCO had met Secretary of Thottam SC fisher society in connection with NFDB SCSP programme.	--
3	08.12.21	--	Conducted HDCs meeting for Bhatkal, Honnavar, Tadri, Belekeri, Amdalli and Karwar	--
4	09.12.21	--	Conducted HDCs meeting for Mangalore, Malpe & Gangolli	--
5	22.12.21	Mangalore	HDC evaluation at Mangalore FH	--
6	24.12.21	Malpe	HDC evaluation at Malpe FH	--
7	29.12.21	Online	Attended review meeting of SCOs & HDCs by HO MPEDA	--
8	31.12.21	Bhatkal	HDC evaluation at Bhatkal FH Attended VC meeting with APU and Snehakunja Trust, Honnavar regarding new SSRC-funded activities	--

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	--	Contacted District Youth Officer, Nehru Yuva Kendra Mangalore, Ministry of Youth Affairs and Sports, Govt of India, for fund generation by giving training to various groups.	--

➤ **Details of information disseminated to stakeholders on social media:** (9 WhatsApp groups in 9 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01-12-2021	Video - turtle releasing	Whatsapp	702
2	01-12-2021	Image - MPEDA monthly newsletter is out now	Whatsapp	702
3	02-12-2021	Video - Doctor advice on Omicron variant virus	Whatsapp	702
4	02-12-2021	Image - National Pollution Control Day	Whatsapp	702
5	04-12-2021	Empowering words by Parvez Khan	Whatsapp	702
6	05-12-2021	Image - World soil day	Whatsapp	702
7	05-12-2021	Image - World soil day (Kannada)	Whatsapp	702
8	07-12-2021	Chairman's Interview published in financial express	Whatsapp	702
9	07-12-2021	Department of Fisheries Karnataka On twitter for inland fisheries development	Whatsapp	702
10	08-12-2021	Video - Finless porpoises released safely at Chivale beach, Malvan	Whatsapp	702
11	08-12-2021	Image Article - Finless porpoises released safely at Chivale beach, Malvan	Whatsapp	702
12	09-12-2021	MPEDA Organised an awareness program on 8th Anniversary	Whatsapp	702
13	10-12-2021	News-India has exported US \$5,393 million worth seafood till Nov 2021	Whatsapp	702
14	10-12-2021	Video - Will the ocean ever run out of fish	Whatsapp	702
15	10-12-2021	Video - What really happens to the plastic throw away by humans	Whatsapp	702
16	12-12-2021	Recipe- Fish Stew (Kerala)	Whatsapp	702
17	12-12-2021	Earn Rs. 2lakh every month by investing only Rs.25000 with Govt. sponsored loans	Whatsapp	702
18	13-12-2021	Image- Karnataka Govt. E-shram Card	Whatsapp	702
19	14-12-2021	Registration of MPEDA for Value analysis	Whatsapp	702
20	15-12-2021	Image - World turtle day	Whatsapp	702
21	16-12-2021	Indian Fishermen take plastic out of the sea and use it to build roads	Whatsapp	702
22	16-12-2021	Fisheries FPO guidelines in Kannada	Whatsapp	702
23	18-12-2021	World fisheries Day 2021 Winners	Whatsapp	702

24	19-12-2021	Recipe - Reef cod Masala	Whatsapp	702
25	20-12-2021	MPEDA talk on export potential in traditional and sunrise sectors	Whatsapp	702
26	20-12-2021	MPEDA talk on export potential in traditional and sunrise sectors	Whatsapp	702
27	22-12-2021	Image - Remove plastic to protect environment	Whatsapp	702
28	23-12-2021	National farmer's day	Whatsapp	702
29	26-12-2021	Recipe - Baked fish Masala	Whatsapp	702
30	30-12-2021	Beached whale saved at Tasmania shore Australia	Whatsapp	702

Impacts/Outcomes observed during the month



Improvement in fish handling practice at Honnavar FH



Sufficient icing of fish observed in Malpe FH



Waste-bin provided at Tadri FH for plastic collection

9. MAHARASHTRA

9.1 Maharashtra South & Goa

Type of Activity	No. of programmes
Physical programmes	20
Virtual programmes	0
Meetings	0
Total	20

➤ **Physical Training programmes conducted during the month**

Type of programme	Harne	Devgad	Chapora	Total
Fishing Vessel based programme		6	10	16
Fishing Harbour based programme	1	3		4
Total	2	9	10	20

Sl. No:	Date	Location	Type of programme	No: of participants
1	10.12.21	Harne	Fishing Harbour programme	26
2	11.12.21	Devgad	Fishing Harbour based programme	16
3	15.12.21	Devgad	Fishing Vessel based programme	9
4	15.12.21	Devgad	Fishing Vessel based programme	7
5	16.12.21	Devgad	Fishing Vessel based programme	7
6	16.12.21	Devgad	Fishing Harbour based programme	24
7	17.12.21	Devgad	Fishing Vessel based programme	8
8	17.12.21	Devgad	Fishing Vessel based programme	6
9	18.12.21	Devgad	Fishing Vessel based programme	5
10	18.12.21	Devgad	Fishing Harbour based programme	8
11	20.12.21	Chapora	Fishing Vessel based programme	5
12	20.12.21	Chapora	Fishing Vessel based programme	5
13	21.12.21	Chapora	Fishing Vessel based programme	6
14	21.12.21	Chapora	Fishing Vessel based programme	5
15	22.12.21	Chapora	Fishing Vessel based programme	5
16	22.12.21	Chapora	Fishing Vessel based programme	5
17	23.12.21	Chapora	Fishing Vessel based programme	5
18	23.12.21	Chapora	Fishing Vessel based programme	5
19	24.12.21	Chapora	Fishing Vessel based programme	5
20	24.12.21	Chapora	Fishing Vessel based programme	6



Harbour based programme at Devgad



Vessel based programme at Chapora

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Participants
1	09.12.21	Online	SCO along with CE NETFISH had met with Shri. Pankajkumar, Commissioner of Fisheries, Maharashtra at MFDC office Meeting with Shri. Yogesh Joshi, Tata Trust, at MPEDA Nariman Point Office.	--

			Conducted Meeting with Mangrove Foundation.	
2	15.12.21	Malvan	Conducted physical verification of HDC	--
3	16.12.21	Devgad	Conducted physical verification of HDC	--
4	22.12.21	Malim & Vasco	Conducted physical verification of HDC	--
5	23.12.21	Cutbona	Conducted physical verification of HDC	--
6	27.12.21	Mirkarwada	Conducted physical verification of HDC	--
7	31.12.21	Ratnagiri	Stakeholders meeting at Ratnagiri Jilha Machhimar Sangha, Bhagawati Machhimar Society, Karla Machimar Society & Navanagar Machhimar Society	--

➤ **Details of information disseminated to stakeholders on social media:** (15WhatsApp groups in 15 harbours)

Sl. No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	04.12.2021	Instructions of Dept of Fisheries for fishing vessel owners and crew members of the fishing vessels	WhatsApp	478
2	05.12.2021	French fishing nets could help save marine life	WhatsApp	478
3	08.12.2021	Release of 07-08 Finless Porpoises at Malvan by Rampan Sangha members.	WhatsApp	478
4	13.12.2021	News- Implementation of an Ordinance passed dated 23.11.2021 to amend Maharashtra MFRA. Meme- Whale Vomit smuggling.	WhatsApp	478
5	17.12.2021	Training programme conducted on 11.12.2021 at Devgad	WhatsApp	478
6	19.12.2021	Video - Artificial reef dumping by fishermen of Mangarol, Gujrat. Photos- Hybrid solar fish drying units	WhatsApp	478
7	22.12.2021	Fishermen from Harnai collected plastic wastes from sea. Meme - Plastic Ko hatana Hai and Paryavaran ko Surkshit banana hai.	WhatsApp	478
8	24.12.2021	Deck cleaning videos from Chapora jetty as effect of NETFISH training programmes.	WhatsApp	478
9	26.12.2021	News- NETFISH activities in Sindhudurg.	WhatsApp	478
10	27.12.2021	Video - turtle rescue from Harnai area.	WhatsApp	478
11	31.12.2021	Ordinance passed by State govt about MFRA to curb illegal fishing activities. Plastic waste collection photos from Gujarat for motivation.	WhatsApp	478

9.2 Maharashtra North

Type of Activity	No. of programmes
Physical programmes	28
Virtual programmes	0
Meetings	8
Total	36

➤ **Physical Training programmes conducted during the month**

Type of programme	Alibag	Arnala	Uttan	Total
Fishing Vessel based programme	2	1	3	6
Fishing Harbour based programme	3	3	3	9
Dry fish programme		2		2
Total	5	6	6	17

Sl. No:	Date	Location	Type of programme	No: of participants
1	07.12.21	Alibag	Fishing Harbour based programme	14
2	08.12.21	Arnala	Fishing Harbour based programme	16
3	08.12.21	Arnala	Dry fish programme	23
4	10.12.21	Uttan	Fishing Harbour based programme	15
5	10.12.21	Uttan	Fishing Vessel based programme	6
6	13.12.21	Arnala	Fishing Vessel based programme	9
7	13.12.21	Arnala	Fishing Harbour based programme	11
8	14.12.21	Uttan	Fishing Vessel based programme	15
9	14.12.21	Uttan	Fishing Harbour based programme	11
10	15.12.21	Alibag	Fishing Vessel based programme	6
11	15.12.21	Alibag	Fishing Harbour based programme	10
12	21.12.21	Alibag	Fishing Vessel based programme	6
13	21.12.21	Alibag	Fishing Harbour based programme	17
14	22.12.21	Arnala	Dry fish programme	13
15	22.12.21	Arnala	Fishing Harbour based programme	10
16	28.12.21	Uttan	Fishing Vessel based programme	6
17	28.12.21	Uttan	Fishing Harbour based programme	21



CE NETFISH delivering a talk during Dry fish development programme at Arnala



Distribution of Hand gloves and brushes during Harbour based programme

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Alibag	Arnala	Uttan	Total
Awareness programme on Eradication of plastic	2	2	7	11

S.N.	Date	Location	Type of Activities	No: of Participants
1	08.12.21	Uttan	Awareness programme on Eradication of plastic	4
2	08.12.21	Uttan	Awareness programme on Eradication of plastic	6
3	10.12.21	Uttan	Awareness programme on Eradication of plastic	4
4	10.12.21	Uttan	Awareness programme on Eradication of plastic	6
5	13.12.21	Arnala	Awareness programme on Eradication of plastic	4
6	14.12.21	Uttan	Awareness programme on Eradication of plastic	6
7	15.12.21	Alibag	Awareness programme on Eradication of plastic	4
8	21.12.21	Alibag	Awareness programme on Eradication of plastic	6
9	22.12.21	Arnala	Awareness programme on Eradication of plastic	4

10	28.12.21	Uttan	Awareness programme on Eradication of plastic	6
11	28.12.21	Uttan	Awareness programme on Eradication of plastic	4

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Participants
1	03.12.21	Kharland Research Station, Panvel	Delivered an invited talk on "Fresh water fish utilization and value addition" in 3 days Training Programme on Sustainable Shrimp Farming and Aquaculture of Diversified Species organized by MPEDA RD, Mumbai at Kharland Research Station, Panvel	15
2	06.12.21	RD, Mumbai	Conducted meeting of HDCs from North Maharashtra regarding various activities of NETFISH, awareness programmes and training programmes to be conducted, problems faced by them, data collection on marine mammals, etc	--
3	08.12.21	Arnala	Visited drying yards to see possibility of project on solar drying in future along with CE, NETFISH & HDCs Visited Grampanchayat, Arnala and meeting with Sarpanch regarding plastic eradication programme and fish drying activity Visited Uttan fishing harbour to see the activities in harbour	--
4	09.12.21	Mumbai	Meeting with Commissioner of Fisheries In-Charge Mr. Pankaj Kumar on various NETFISH activities and possibility of funding for training programmes and collaborative trainings with State Department of Fisheries Meeting with Mr. Yogesh Joshi, Controller of Executive Board of World Communications Forum Association (Personnel in service from Tata Steel Limited) regarding possibility for CSR funding for solar drying activity, bringing back plastic from sea to land and further disposal and marine mammal conservation project Meeting with Joint Director, Mangrove Foundation of Maharashtra Smt. Neenu, IFS and Dr. Sushant Sanaye, Deputy Director, Livelihood from Mangrove Foundation of Maharashtra on solar dryer project under UNDP unspent balance and possibility for funding for solar drying activity, bringing back plastic from sea to land and further disposal and marine mammal conservation project	-
5	10.12.21	Uttan	Meeting with Mr. Nandkumar Patil, Licensing Officer, Uttan	-
6	13.12.21	Arnala	Physical verification of HDC	-
7	14.12.21	Arnala	Physical verification of HDC	-
8	15.12.21	Mumbai	Delivered a theory class on "Cultivated Fish: Utilization and Value Addition" in a training programme on "Sustainable Shrimp Farming and Aquaculture of Diversified Fish Species" organized by MPEDA-RD, Mumbai	15
9	16.12.21	Newferry Wharf	Physical verification of data entered by HDC at New Ferry Wharf and interaction with stakeholders and boat owners	--

			at New Ferry Wharf Fishing harbour	
10	17.12.21	Telephonic Discussion	Discussion with Asst. Director, ATMA, Raigad regarding training programme to be conducted Talked to Dr. L. N. Murthy, SIC, Mumbai Research Centre of ICAR-CIFT for conducting chill killing experiment	--
11	20.12.21	Vasai & Versova	Physical verification of HDC at Vasai & Versova	--
12	21.12.21	Alibag	Physical verification of HDC at Alibag	--
13	22.12.21	--	Meeting with Mr. Vijay Thatu, Chairman of Fisherman Co-operative society regarding solar dryer project proposal Meeting with Chairman of Macchimar Co-operative society regarding solar dryer project proposal	--
14	29.12.21	Online	Attended review meeting of SCOs & HDCs by HO MPEDA	--
15	30.12.21	Satpati & Dahanu	Physical verification of HDC at Satpati & Dahanu Meeting with Dry fish processors from Umargam, Gujarat and SCO, Gujarat regarding dry fish development	--

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	09.12.2021	Meeting with Commissioner of Fisheries, Government of Maharashtra for collaboration and cooperation by State Fisheries Department for conducting various NETFISH activities and extension training programmes and for various projects under State Department funds	State Department of Fisheries agreed for cooperation in NETFISH activities. Proposal for funding need to be submitted for possibility of funding in next financial year.
2	09.12.2021	Meeting with Mr. Nitin Joshi, Controller of Executive Board of World Communications Forum Association regarding possibility of projects and CSR funds for conducting various NETFISH activities and extension training programmes. During the meeting various proposed projects like marine mammal conservation, eradication of single use plastic and bringing back plastic from the sea to land were discussed for possibility of funding under CSR funds with the personnel in service from Tata Steel Limited	Preliminary discussions regarding possibility for CSR funds are underway in the same regard.
3	09.12.2021	Meeting with Smt. Neenu Somraj, IFS, Joint Director, Mangrove Foundation of Maharashtra and Dr. Sushant Sanaye, Deputy Director, Livelihood, Mangrove Foundation of Maharashtra regarding possibility of funding for various proposed projects.	Preliminary discussions regarding possibility for CSR funds are underway in the same regard. Mangrove Foundation is ready to give fund for proposed projects.

➤ **Details of information disseminated to stakeholders on social media:**

Sl.No:	Date	Content Disseminated	Social Media Used
1	06.12.2021	Content on Ecolabels	WhatsApp
2	10.12.2021	Video on marine mammal conservation	WhatsApp
3	10.12.2021	Seafood export value by MPEDA	WhatsApp
4	10.12.2021	Video on production of fish leather and reducing post-harvest losses from fisheries sector	WhatsApp
5	18.12.2021	Content on action on illegal fishing by State Department of Fisheries	WhatsApp
6	22.12.2021	Content on bringing back plastic from sea to land	WhatsApp
7	22.12.2021	Content on eradication of single use plastic	WhatsApp
8	31.12.2021	Calendar regarding biodiversity and conservation	WhatsApp

Impacts/Outcomes observed during the month

- At New Ferry Wharf Fishing harbour in Mumbai, few fishers started using handgloves to sort the fish caught which were not following such practices before



- As a result of NETFISH awareness programmes, the fishers have started hygienic handling and proper icing of the catch at New Ferry Wharf fishing harbour.



- Reduced Juvenile Fishing as an impact of Responsible fishing awareness by SCO & HDC at Sassoon dock FH



10. GUJARAT

Type of Activity	No. of programmes
Physical programmes	38
Virtual programmes	0
Meetings	3
Total	41

- **Physical Training programmes conducted during the month**

Type of programme	Veraval	Mangrol	Porbandar	Umargam	Total
Fishing Vessel based programme		1			1
Fishing Harbour based programme	3	3	4		10
Dry fish training programme				6	6
Total	3	4	4	6	17

S.N.	Date	Harbour/LC	Type of programme	No: of Participants
1	07.12.21	Veraval	Fishing Harbour based programme	12
2	08.12.21	Veraval	Fishing Harbour based programme	13
3	09.12.21	Mangrol	Fishing Vessel based programme	15
4	09.12.21	Mangrol	Fishing Harbour based programme	30
5	14.12.21	Porbandar	Fishing Harbour based programme	16
6	14.12.21	Porbandar	Fishing Harbour based programme	21
7	15.12.21	Porbandar	Fishing Harbour based programme	17
8	15.12.21	Porbandar	Fishing Harbour based programme	14
9	16.12.21	Mangrol	Fishing Harbour based programme	14
10	16.12.21	Mangrol	Fishing Harbour based programme	14
11	27.12.21	Veraval	Fishing Harbour based programme	15
12	28.12.21	Umargam	Dry fish awareness programme	10
13	28.12.21	Umargam	Dry fish awareness programme	10
14	29.12.21	Umargam	Dry fish awareness programme	10
15	29.12.21	Umargam	Dry fish awareness programme	10
16	30.12.21	Umargam	Dry fish awareness programme	10
17	30.12.21	Umargam	Dry fish awareness programme	10



Harbour based programme at Porbandar



Dry fish awareness at Umargam

In addition, the following awareness meetings were held through the HDCs at their respective harbours to create awareness on hygienic handling practices to reduce post-harvest loss and on conservation measures to be adopted for making the fishery sustainable.

Type of programme	Okha	Porbandar	Mangrol	Chorwad	Jafrabad	Vanakbara	Veraval	Total
Awareness meeting by HDCs	3	4	2	2	2	4	4	21

S.N.	Date	Harbour/LC	Topic / Type of programme	No: of Participants
1	02/12/2021	Okha	Awareness meeting with fishers on hygienic handling and conservation	5
2	04/12/2021	Porbandar	Awareness meeting with fishers on hygienic handling and conservation	5
3	05/12/2021	Porbandar	Awareness meeting with fishers on hygienic handling and conservation	7
4	07/12/2021	Mangrol	Awareness meeting with fishers on hygienic handling and conservation	9
5	07/12/2021	Chorwad	Awareness meeting with fishers on hygienic handling and conservation	7
6	09/12/2021	Okha	Awareness meeting with fishers on hygienic handling and conservation	4
7	11/12/2021	Jafrabad	Awareness meeting with fishers on hygienic handling and conservation	7
8	11/12/2021	Vanakbara	Awareness meeting with fishers on hygienic handling and conservation	6
9	11/12/2021	Vanakbara	Awareness meeting with fishers on hygienic handling and conservation	7
10	13/12/2021	Veraval	Awareness meeting with fishers on hygienic handling and conservation	6
11	13/12/2021	Veraval	Awareness meeting with fishers on hygienic handling and conservation	6
12	13/12/2021	Porbandar	Awareness meeting with fishers on hygienic handling and conservation	7
13	14/12/2021	Okha	Awareness meeting with fishers on hygienic handling and conservation	6
14	20/12/2021	Mangrol	Awareness meeting with fishers on hygienic handling and conservation	8
15	20/12/2021	Porbandar	Awareness meeting with fishers on hygienic handling and conservation	5
16	22/12/2021	Jafrabad	Awareness meeting with fishers on hygienic handling and conservation	7
17	22/12/2021	Chorwad	Awareness meeting with fishers on hygienic handling and conservation	4

18	22/12/2021	Vanakbara	Awareness meeting with fishers on hygienic handling and conservation	6
19	23/12/2021	Vanakbara	Awareness meeting with fishers on hygienic handling and conservation	5
20	23/12/2021	Veraval	Awareness meeting with fishers on hygienic handling and conservation	6
21	23/12/2021	Veraval	Awareness meeting with fishers on hygienic handling and conservation	6

➤ **The following meetings were conducted/attended by the State Coordinator during the month:**

S.N.	Date	Location	Type of Activities	No: of Participants
1	04.12.21	Ahemmadabad	SCO along with DD had conducted meeting with Secretary of Fisheries , officials of Commissioner of Fisheries , Gandhinagar	--
2	09.12.21	Mangrol	SCO had met previous President & Secretary of Mahavir society and discussed about minimizing single use plastic , stop juvenile fishing , create awareness on deep sea fishing etc.	--
3	10.12.21	RD, Veraval	Discussion with Shri.Deepak Bhatt , Commanding officer, Coast guard, Veraval regarding conducting workshop on diversification fishing, to avoid fishermen from crossing international line of border in Sea	--
4	15.12.21	Porbandar	Met president of Boat association and discussed about NETFISH activity and insist to prepared poster on TED/Single use plastic etc and paste to Various places surroundings to harbour Met Ex. President of Boat association Of Porbandar and aware him about present scenario of fishing industries and informed about preparation of poster on TED & single use plastic to paste it at public places	--
5	19.12.21	Ahammedabad	Preparation of MPEDA Stall at Shri. Shakti Convention Center, Ahmedabad for participating in Pre-Vibrant Summit	--
6	20.12.21	Ahammedabad	Participating in Pre-Vibrant Summit, MPEDA Stall , Chairman , MPEDA also visited the stall	--
7	29.12.21	Online	Attended review meeting of SCOs & HDCs by HO MPEDA	--
8	30.12.21	Umargam	SCO had met State Co-ordinator, Maharashtra along with dry fishers and made discussion on better market access, VAP , Retail out let etc Meeting with Secretary of fishermen community, Umargam regarding hygienic fish drying, minimize single use of plastic, etc.	--



Exhibition Stall in Pre Vibrant Summit event at Shree Shakti Convention Center, Ahmedabad.



SCOs Gujarat & Maharashtra North region along with the dryfishers having discussion regarding better market access, VAP, Retail out lets etc.

➤ **Efforts For Generating External Fund**

Sl.No:	Date	Activity done	Remarks
1	04.12.2021	Met Secretary fisheries, Gandhinagar and discussed about financial support for conducting NETFISH regular training programme proposal submitted to commissioner of fisheries, Gandhinagar on 29/06/21	Secretary informed that he will discuss with commissioner of fisheries and will do some joint programme with NETFISH MPEDA

➤ **Details of information disseminated to stakeholders on social media:** (12 WhatsApp groups in 12 harbours)

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01/12/21	1.Information about oceans, Mahi Mahi, Baracudda 2.Photos of plastic wastes bring back to harbor by Fishermen of Mangrol 3.Photos of Sea turtle released by Jafrabad Fishermen	WhatsApp	>1300

		4.Photos of FV of Porbandar (trained by NETFISH on Quick chilling , cleaning of vessel , use of proper Ice etc.		
2	02/12/21	1.Information about top ten healthiest fish variety, dolphin, benefit of fish oil capsules 2. Photos of FV of Veraval trained by NETFISH on Quick chilling , cleaning of vessel , use of proper Ice , bring back plastic waste etc shared 3.Photos of plastic wastes bring back to harbor by Fishermen of Mangrol 4. Photos of FV of Porbandar (trained by NETFISH on Quick chilling , cleaning of vessel , use of proper Ice etc	WhatsApp	>1300
3	03/12/21	1.Information about nutrition value of Various fishes, Conger eel, National Pollution Preservation Day, Facts of Dolphin 2.Video on How to buy fresh fish	WhatsApp	>1300
4	04/12/21	1.Information about plastic waste accumulation at sea shore 2.Photos of FV of Porbandar trained by NETFISH on Quick chilling , cleaning of vessel , use of proper Ice etc shared 3.Photos of awareness meeting conducted by HDC Porbandar 3.Photos of impact of NETFISH HBP training at Porbandar FH 4.Video of Fish and Over fishing	WhatsApp	>1300
5	05/12/21	1.Information about Indian prawn, Ray fish 2.Photos of improved condition of fish Drying at Vanakbara FH 3.Photos of Impact of NETFISH HBP training programme at Veraval FH 3.Photos of FV of Jafrabad and Mangrol bring back plastic waste to Harbour 4.Photos of awareness meeting conducted by HDC Porbandar	WhatsApp	>1300
6	06/12/21	1.Photos fish dry before and after at Vanakbara FH 2.Photos of FV cleaning by Porbandar Fishermen 3.Photos of use of square mesh cod end 4.Video on Pomfret fish benefits 5.Photos of FV of Porbandar , Mangrol bring back plastic wastes to harbour	WhatsApp	>1300
7	07/12/21	1.Photos of cleaning of FV of Veraval FH 2.Information about accumulation plastic waste into sea, golden anchovy 3.Photos of awareness meeting conducted by HDCs chorwad & Mnagrol	WhatsApp	>1300
8	08/12/21	1.Photos of FV kirtisagar shared following instruction of NETFISH to reduce post harvest loss 2.Photos of FV of Mangrol & Vanakbara bring back plastic waste to harbour 3.Photos & Video of hygienic handling of Ice at Okha fishing harbour	WhatsApp	>1300
9	09/12/21	1.Information about quick chilling , Mackerel, Tiger prawn	WhatsApp	>1300
10	10/12/21	1.Information about Indian Mackerel , Plastic waste , food web , Indian oil sardine 2.Photos of FV of Mangrol bring back plastic waste 3.Photos of FV cleaning by Porbandar fishermen 4.Video of fresh water aquaculture	WhatsApp	>1300
11	11/12/21	1.information about blue whale 2.video on turtle 3.Photos of awareness meeting conducted by HDC Jafrabad	WhatsApp	>1300

		&Vanakbara 3.Photos & Video of sea turtle released by Mangrol fishermen		
12	12/12/21	1.Information about seafood nutrition guide, blow fish 2.Photos & Video of sea turtle released by Mangrol fishermen 3.Video on Electric eel 4.Photos of FV of Mangrol bring back plastic waste to harbour	WhatsApp	>1300
13	13/12/21	1.Information about waves , start eating fish every day, sole fish 2.Photos of sea turtle released by mangrol fishermen 3.Photos of HDC Veraval guiding fishermen for how to do proper Icing to reduce post harvest loss 4.Photos & Video of hygienic ice crushing at veraval FH 5.Photos of solid waste disposal by Fishermen of Veraval 6.Photos of hygienic fish handling at veraval FH 7.Photos of plastic waste bring back to harbor at Mangrol FH 8.Photos of awareness meeting conducted by HDC Porbandar &Veraval	WhatsApp	>1300
14	14/12/21	1.Photos & video of sea turtle released by Mangrol Fishermen shared (IND GJ 11 MM 483) 2.information about Oceanic Resources, long tail tuna , Overfishing	WhatsApp	>1300
15	15/12/21	1.Video on 8 incredible benefits of fish, star fish, deep sea shrimp, feed meal plant, oil pollution 2.Photos of plastic waste bring back to harbor by Mangrol fishermen	WhatsApp	>1300
16	16/12/21	1.Video on sea turtle with straw up & rescue, octopus 2.Information about trigger fish, blue shark 3. Photos of plastic waste bring back to harbour by Mangrol fishermen 4.Photos & video of sea turtle released by Porbandar fishermen	WhatsApp	>1300
17	17/12/21	1.Photos of fishing vessel cleaning by Mangrol fishermen by clean sea water 2.Video on sea turtle rescue , 13 interesting facts about blue whale , hygienic Ice crushing at veraval FH	WhatsApp	>1300
18	18/12/21	1.Video & Photos on Hygienic handling fish at Porbandar Harbour after NETFISH training 2.Information about important fish landing center & Harbour of Gujarat 3.information about minimize single use of plastic	WhatsApp	>1300
19	19/12/21	1.Reciepe of fish stew 2.Photos & Video of Fish aggregation device dumped in sea at Mangrol FH 3.Video of sea turtle, video & Photos of FV cleaning by fishermen of Mangrol 4.Information about thread fin bream 5.Photos & Video of fish segregation on plastic sheet by Veraval fishermen 6.Photos of FV of Veraval bring back plastic waste to harbor	WhatsApp	>1300
20	20/12/21	1.Information about plastic waste 2.video of sea turtle rescue 3.Photos of FV of Mangrol Bring back plastic waste to the harbour 4.Video of Veraval Fishermen released sea turtle in live condition 5.Photos of Awareness meeting conducted by HDC	WhatsApp	>1300

		Porbandar		
21	21/12/21	1.Video on jelly fish 2.Information about plastic wastes , protection of sea turtle 3.Photos of FV cleaning and plastic waste bring back to harbour by Vanakbara fishermen 4. Photos of plastic waste bring back to harbour by Mangrol fishermen 5.Information about how to protect sea turtle and their residence	WhatsApp	>1300
22	22/12/21	1.Photos of plastic waste bring back to harbour by Mangrol fishermen 2.Information about removal plastic and keep environment clean 3.Informantion about whale shark 4.Photos of awareness meeting conducted by HDC Jafrabad /Vanakbara	WhatsApp	>1300
23	23/12/21	1. Video of Whale shark released by Veraval FV 2.Information about plastic waste, aquaculture, how to handle the fish at harbour etc. 3.Photos of awareness conducted by HDC Vanakbara & Veraval 4.Photos of plastic waste bring back to harbour by Mangrol fishermen	WhatsApp	>1300
24	24/12/21	1.Photos & Video of segregation of fish on plastic sheet at Mangrol FH 2.information about sea turtle production, effect of plastic waste on Marine animal 3.Video of sea turtle released by Porbandar fishermen	WhatsApp	>1300
25	25/12/21	1. Photos of plastic waste bring back to harbor by Mangrol fishermen 2.Information about lobster 3.Video of sea turtle rescue	WhatsApp	>1300
26	26/12/21	1.Video of ICAR CIFT on refrigerated Mobile fish vending kiosk 2.Information about whale, eggs of sea turtle 3.Photos of plastic waste bring back to harbour by fishermen of Porbandar and mangrol 4.Keep the sea plastic free 5.Photos & Video of FV of Porbandar released sea turtle and bring clean sea water to harbour for cleaning of vessel	WhatsApp	>1300
27	27/12/21	1. Photos of plastic waste bring back to harbour by fishermen of mangrol 2.Information about on board tuna handling	WhatsApp	>1300
28	28/12/21	1.Video on Open cage culture , world Ocean day massage 2.information about tuna &Octopus	WhatsApp	>1300
29	29/12/21	1.Informantion about dumping of plastic waste into sea during a year , blue whale 2.Photos of Vessel log sheet of Mangrol	WhatsApp	>1300
30	30/12/21	1.Information about mullet, Karikadi shrimps, gold fish, video on classification of fishes 2.Video on fish handling at Veraval FH 3. Photos of plastic waste bring back to harbour by fishermen of Jafrabad 4.Video of ICAR CIFT on fishermen should start use of square mesh cod end 5.Video of FV of Mangrol released whale shark 6.Photos of hygienic fish bunkering at Okha FH	WhatsApp	>1300

31	31/12/21	1.information about blue whale 2.Photos & Video of FV Kirti sagar adopted norms NETFISH MPEDA training programme 3.Video of ICAR CIFT on Long line fishing technique for tuna 4.Photos & Video of fish segregation of Plastic sheet by Mangrol fishermen 5.Photos and video of Sea turtle released by Jafrabad fishermen 6.Information about ribbon fish 7. Photos of FV cleaning by clean sea water of Mangrol Fishermen and also bring back plastic waste to harbour.	WhatsApp	>1300
----	----------	---	----------	-------

Impacts/Outcomes observed during the month

1. It is observed that due to continuous awareness meeting by HDCs & SCO, Fishermen of Jafrabad, Veraval, Mangrol, Porbandar and Vanakbara are bringing back all plastic /solid wastes comes during fishing to land for proper disposal.



2. Before training there was no insulated box in fishing vessels, but due to NETFISH MPEDA awareness programmes, the Vessel owner purchased insulated box and given to the workers for quick chilling of fishes to reduce post harvest loss.



3. Due to NETFISH awareness programme, Fishermen of Veraval, Mangrol and Porbandar started to use plastic sheets and stopped putting fish on dirty floor.



4. Effect of NETFISH MPEDA Harbour Based programme.



5. Fish drying method at Vanakbara Harbour improved



6. Due to NETFISH MPEDA's continuous trainings, awareness meetings and Mass communication with stakeholders, the active group of fishermen along with cooperative society and fishermen community of Mangrol prepared around 700 artificial fish aggregation devices and started to deploy in to the sea. ***This is the most important out come during the year of 2021-22 as far as concern to conservation of Marine ecosystem***



7. Implemtation of Vessel logsheet at Mangrol FH , HDC , Mangrol collecting everyday 10 to 15 Vessel log sheet from vessel owner/captain.

VESSEL LOG SHEET		
Name of fishing vessel Mangrol		
Registration No. T.N.O. 6211 M.M. 2165		
Mach. engine nos. T.M. 101		
Type of fishing vessel Trawl		
Area of fishing Mangrol		
Voyage started on 01/11/21		
Voyage completed on 21/11/21		
S.No.	Fish items (hand-drawn)	Approximate quantity (kg)
1	skipper	400 kg
2	crabs	400 "
3	sea cat	200 "
4	sea fish	400 "
5	pillon fish	200 "
6		
7		
8		
9		
10		
Name of skipper M. S. Narayan		Signature M. S. Narayan

VESSEL LOG SHEET		
Name of fishing vessel Mangrol		
Registration No. T.N.O. 6211 M.M. 3091		
Mach. engine nos. T.M. 101		
Type of fishing vessel Trawl		
Area of fishing Mangrol		
Voyage started on 15/11/21		
Voyage completed on 28/11/21		
S.No.	Fish items (hand-drawn)	Approximate quantity (kg)
1	half moon skipper	640
2	sea fish	540
3	crabs	200
4	pillon fish	400
5	sea cat	200
6		
7		
8		
9		
10		
Name of skipper M. S. Narayan		Signature M. S. Narayan

