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मीना समाचार
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I. Research Front

A) Occurrence of striped eel catfish, *Plotosus lineatus* (Thunberg, 1787) from the South Maharashtra coast (Lat 18^0 N)

During the month of November' 2018, the vessel M.F.V. *Matsya Nireekshani* while carrying out exploratory fishery resources survey along west coast of India recorded a catch of striped eel catfish, *Plotosus lineatus* in the area Lat.18^{0}06.6'N/ Long. 072^{0}29.0'E at a depth of 41m. A total of 66 Nos. of fishes ranging between 14.5-20.0 cm and weighed 20 kg. were caught in 45 m shrimp trawl.

P. lineatus is identified based on the single dorsal spine consisting 69-115 soft dorsal rays and 58-82 soft anal rays. The dorsal and anal fin is continuing up to caudal fin. Four pairs of mouth barbles and a single highly venomous serrate spine is present at the beginning of the first dorsal and each of the pectoral fins. The distribution of *P. lineatus* occurs in the Indian Ocean, in the Western Pacific Ocean sometimes they enters in freshwaters of East Africa and Madagascar. The species also occurs in the Mediterranean, having invaded as a Lessepsian migrant through the Suez Canal. Presence of the juveniles in the area off South Maharashtra (Lat 18^{0}N) reveals that these areas might be the breeding ground for the eel cat fishes.

P. lineatus, belongs to the family Plotosidae commonly called as striped eel catfish. A distinctive striped catfish with an eel-like body and mouth surrounded by 4 pairs of barbles. The stripes are brighter in Juveniles and becomes less distinct in adults. *P. lineatus* is costal benthic and only found in coral reefs commonly occurring in estuaries, tide pools and open coasts. Adults of *P. lineatus* are found solitary or in small groups of around 20. They hide themselves under rocks or reefs during the day. Striped eel catfish mainly feeds on crustaceans, molluscs, worms, and sometimes fish by search and stirring the sand incessantly.

(Communicated by Dr. S. K. Dwivedi, Fisheries Scientist, Mumbai Base)

B) An unusually large specimen of pufferfish, *Lagocephalus inermis*

During October'2018 voyage, the vessel M.F.V. *Matsya Shikari* was deployed for exploratory fishery resources survey between Lat. 16^{0}N-21^{0}N and recorded an unusually large female specimen of pufferfish, *Lagocephalus inermis* (Temminck & Schlegel, 1850), smooth blassop or smooth-backed blowfish in Visakhapatnam coastal waters in the area Lat. 17^{0}46.8'N/Long. 83^{0}28.9'E at a depth of 39m. caught by 34 m Shrimp trawl. The morphometric measurements of the specimens are: Total Length – 480mm, Standard Length – 470mm, Dorsal rays – 13 mm, Pectoral soft spines- 16mm, Anal soft spines – 12mm, Caudal soft spines – 9mm, Weight - 2.75 kg.

The said species was seen to be parasitized by the parasite *Nerocila sigani* which was identified from the caudal region of the *Lagocephalus inermis*. A total of 07 parasites were found in the caudal fin region of the host of which 04 ovigerous females and 03 male parasites were observed. The ovigerous females ranged from 17.0-19.0mm length and 9.0-11.0mm breadth. Whereas, 03 males ranged 12.0-14.0mm length and breadth 4.0-06mm. *Lagocephalus*

inermis is a new host record of the isopod parasite *N. sigani* from the caudal region.

(Communicated by Shri K. Silambarasan, Sr. Scientific Assistant, Visakhapatnam Base)

C) Bumper catch of demersal fishery resources off Visakhapatnam coast, Southeast coast of India

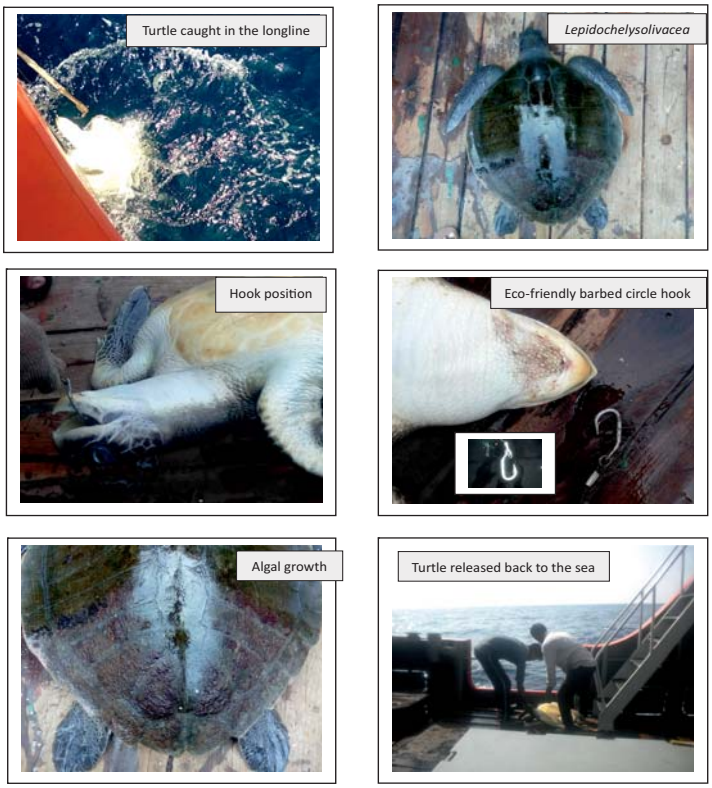
The vessel M.F.V. *Matsya Shikari* conducted the exploratory survey, assessment and monitoring of demersal fishery resources by deploying 34m Fish trawl during the month of December' 2018 and recorded a total of 1.2 tons of fish catch in a single haul in the area Lat 17^{0}45.2'N/Long 83^{0}30.7'E (off Visakhapatnam) at a depth of 57m. The catch was comprised of Goatfishes (36.2%), Clupeoids (32.8%), Indian scads (25.7%) and Mackerels (5.2%).

(Communicated by Shri S.K. Pattnayak, Sr. Scientific Assistant, Visakhapatnam Base)

D) Sea Turtle - An incidental catch in the tuna longline

M.F.V. *Yellow Fin*, a multifilament tuna longliner was deployed to carry out the survey of oceanic tuna and allied resources in the area between Lat. 13^{0}N – 18^{0}N. During the voyage, in the month of December' 2018. there were 2 Nos. of Olive ridley sea turtles *(Lepidochelys olivacea)* recorded in the area Lat. 16^{0}18.6'N/070^{0}51.4'E, depth 2677 m and Lat. 13^{0}47.4'N/072^{0}42.8'E, depth 1521 m, weighing 25 & 27 kg respectively. The recorded, two female turtles were incidentally hooked up in the mid of the lower jaw and found dead. The bait used on the days was Squid and Decapterids. After taking necessary morphological measurements, it was released back to the sea.

This is not a targeted species in longline, as these species are vulnerable under IUCN, 2008. This is an incidental catch. These species inhabit the tropical and warm water regions of the Indian Oceans and pacific seas and badly needs conservation.



(Communicated by Shri A. Siva, Sr. Scientific Assistant, FSI(HQs.), Mumbai.)

E) Parasite *(Hirudinella ventricosa)* in the stomach of Yellow Fin Tuna (YFT)

Multifilament tuna longliner, M.F.V. *Yellow Fin* was deployed for exploratory survey of oceanic waters (tuna and allied resources) during December' 2018. While carrying out the survey in area between Lat.13^{0}N – 18^{0}N, a Yellow Fin Tuna, *(Thunnus albacares)* was recorded in the area Lat.13^{0}57.20'N/Long. 071^{0}51.70'E, 1662 m depth. 5 Nos. of parasite (fluke) in the inner wall of the stomach were found and was identified as *Hirudinella ventricosa.*

As these parasites are already reported in various neritic tunas of the world, present observations is in Yellow Fin Tuna in middle west coast of India. The species *Hirudinella ventricosa* a fleshy worm that varies in size and many shapes. This brown to pinkish parasite has 2 suckers easily seen and are close together on the anterior end of the worm. It is a characteristic parasite of wahoo and a primary parasite of Atlantic blue marlin, dolphin, little tunny and possibly in other Scombrids as secondary parasite.

(Communicated by Shri A. Siva, Sr. Scientific Assistant, FSI(HQs.), Mumbai.)

II. Outreach and Training:

Regional Workshops / Exhibitions organized by Bases

Mumbai Base :

A regional workshop - cum - exhibition on "Marine Fishery Resources off Veraval and Diversified Fishing Methods" were conducted at Veraval, Gujarat on 05.12.2018 for the benefit of local fishermen of the region. The workshop was inaugurated by Shri Lakhanbhai Bhensala, President of Kharwa Samaj, Veraval, Chief Guest of the function. The inaugural function was presided by Shri. B. Balanayak, Service Engineer (Mech.), Mumbai Base of FSI. Total of 100 fishermen participated in the workshop. In addition to the fishermen, the workshop was also attended by State Fisheries Deptt. officials, from Govt. of Gujarat and boat owners/operators of Veraval. In Technical session, scientific papers were presented by the scientists of Mumbai Base of FSI. *Viz.*, Marine Fisheries, Code of Conduct for Responsible fisheries (CCRF) & Safety at Sea, Hygienic fish handling and Fuel saving tips.

Mormugao Base :

Mormugoa Base organized a regional workshop on "Marine Fishery Resources of Goa: Sustainable Utilization, Development and Management" on 08th October 2018 at Shri Moraje Kuldev Devasthan, Tembwada Morjim, Goa. Shri Chandrakant Velip, Dy. Director of Fisheries, Govt. of Goa had inaugurated the workshop. Shri Bhim Pednekar, President, Nirvikar Fishing Co-operative Society, Morjim, Goa and Shri. Amit V Shetgaonkar, Dy. Sarpanch, Village Panchayat, Morjim, Goa were the guests of honor in the workshop. Shri. Raju S Nagpure, Sr. Scientific Assistant welcomed the dignitaries and other officials from various fishermen communities. Shri S.K. Jaiswal, Mechanical Marine Engineer, FSI Goa, delivered the key note address and explained the mandate of FSI, History and objective for organizing the workshop. The Representatives from fishermen communities addressed the issues of fishermen while at sea and their expection from the government machineries. They had also appreciated FSI for organizing such events for the benefit of fishermen. Dr. H.D. Pradeep, Fisheries Scientist, proposed the vote of thanks.

In the technical session, scientific papers were presented in regional languages i.e. Konkani and Hindi. Total of 138 fishermen from Fishermen Co-op Societies, Marketing Societies and officials of Dept. of Fisheries, Morjim participated in the workshop. A "Fishermen Rally" was also organized at the venue to spread the message of "Safe and Sustainable Fishing Practices".

Cochin Base:

The Cochin Base had conducted a regional workshop on "Marine Fishery resources of Southwest coast-Challenges ahead" and exhibits were displayed for the benefit of fishermen at Emmanual Hall, Chellanam (Kochi) on 30.10.2018.

World Fisheries Day Celebration :

Visakhapatnam Base had participated in the "World Fisheries Day Celebration" and put up an exhibition stall at Gyan Bhavan of Samrat Ashoka International Convention Centre, Gandhi Maidan Road, Muradpur, Patna, Bihar on 22.11.2018 conducted by the Ministry of Agriculture and Farmers Welfare, Dept of Animal Husbandry, Dairying and Fisheries, New Delhi. Various fishery charts depicting the organizational activities and eco-friendly fishing methods and fishing vessel & gear models were on display during the exhibition.

Open House organized by Bases :

Mormugao Base

Mormugao Base had organized an Open House cum marine exhibition for the students and faculty members of Dr. M.G.R. Fisheries College & Research Institute, Ponneri, TNFU, Tamilnadu during their study visit on 29.11.2018. Total 36 students & 02 faculty members participated in the event. They were briefed about the activities of FSI.

Mormugao Base of FSI organized Open House/Marine Fisheries Exhibition on "Sustainable Marine Fisheries in India" on 10th December 2018 on board the departmental vessels M.F.V. *Sagarika* and M.F.V. *Yellow Fin* berthed at Mormugao Harbour, Mormugao, Goa. The School students, officials from MPT, CISF and Customs Dept. were invited for the event. The programme was inaugurated by Shri Vipin R. Menoth, Traffic Manager, Mormugao Port Trust, Mormugao. Capt. Arun Kumar, Harbour Master and Shri Jerome Clement Dy. Senior Traffic Manager, Mormugao Port Trust, Mormugao were present as Special Invitees in the event. Shri S. K. Jaiswal, Mechanical Marine Engineer briefed about the purpose of organizing the open house; wherein he had emphasized on the extension programmes of FSI. Shri Raju S. Nagpure and Shri Puran Singh, Sr. Scientific Assistant(s), explained the activities of FSI in the marine exhibition. Shri Vinoji K. P. and Shri A. K. Mohopatra, Skippers and vessel staff explained the navigational and operational activities of the vessels to the visitors. The digital charts depicting the activities, achievements and futuristic vision of FSI, fishing methods employed by FSI were displayed. Traditional and Mechanized boats, Gears Models, Charts of Marine fishery status of Goa, India and World were also displayed. Total of 101 students, faculty members and officials from the various dept. *Viz*., Deepvihar Higher Secondary School, Mormugao, Goa, Mormugao Port Trust, Central Industrial Security Force, MPT, Mormugao, Custom Department, Mormugao attended the Open House.

Visakhapatnam Base :

Visakhapatnam Base organized an Open House onboard M.F.V. *Matsya Shikari* and M.F.V. *Matsya Darshini* at jetty no.6, Fishing Harbour, Visakhapatnam on 07.12.2018. It was inaugurated by Shri. S. Satyanarayana Murty, Surveyor-in-charge-cum-DDG (Tech), Mercantile Marine Department,

Visakhapatnam. Various fish specimen, fishery charts, lifesaving & firefighting appliances and navigational equipment's were on display during the above programme. Fishermen, school, college & university students, researchers, faculties and general public visited the Open House.

III. Visitors visit :

- 50 students from Sri Chaitanya School, Visakhapatnam, visited Visakhapatnam Base and vessels M.F.V. *Matsya Shikari* & M.F.V. *Matsya Darshini* on 03.10.2018. They were briefed about the organizational activities and various navigational equipments as well as fishing nets and accessories.
- 40 GP rating list of trainees along with one faculty member from Behera Institute of Maritime Training, Vizianagaram District, Andhra Pradesh, visited Visakhapatnam Base and vessels on 09.10.2018.
- 04 Post Graduate students (Ist Year) of the Zoology Department, Andhra University visited Visakhapatnam Base on 10.10.2018. They were briefed about the fish and fishery resources of the east coast of India.
- 30 students from Govt. Vocational Higher Secondary School, Njarakkal, Ernakulam visited on board survey vessel M.F.V. *Matsya Varshini* on 11.10.2018.
- 23 students from Govt. Vocational High Secondary School, Kayppamangalam visited on board survey vessel M.F.V. *Matsya Varshini* on 23.10.2018.
- 50 local fishermen undergoing training at Central Institute of Fisheries Nautical Engineering & Training, Visakhapatnam under the Skill Development Programme of Govt. of India along with two officials visited Visakhapatnam Base on 25.10.2018. They were explained about the organizational activities, marine fish and fishery resources of upper east coast of India, various eco-friendly fishing methods, tuna resources of east coast of India as well as handling & preservation techniques of the oceanic tunas.
- 39 final year B.Sc. trainees from St Joseph's College for Women, Visakhapatnam along with one faculty member visited Visakhapatnam Base and vessel on 09.11.2018 and 12.11.2018 respectively. They were briefed about the organizational activities and various navigational equipments as well as fishing nets and accessories.
- 5 local fishermen and two officials from Andaman Nicobar Island visited onboard survey vessel M.F.V. *Matsya Varshini* on 14.11.2018.
- 50 students of 1st year B.Sc. (Industrial Fish & Fisheries) from Asutosh college, Kolkata visited Visakhapatnam Base and vessel on 16.11.2018. They were briefed about the organizational activities and various navigational equipments as well as fishing nets and accessories.
- 16 students and one staff GVHSS, Kalamssery, Ernakulam visited onboard survey vessel M.F.V. *Matsya Varshini* on 21.11.2018.
- 30 M.Sc. (Fish Processing) students of Calicut University, Malappuram visited onboard survey vessel M.F.V. *Matsya Varshini* on 24.11.2018.
- 19 students (Diploma in Fisheries Engineering) and two academic staffs from Konkan Krishi Vidhyapeeth, Ratnagiri visited Cochin Base on 24.11.2018.
- 29 students (Marine Technology) with 3 staff members and 30 students (sea food processing) with two instructors GVHSS, Kaitharam visited onboard M.F.V. *Matsya Varshini* on 26.11.2018 and 29.11.2018 respectively.
- 11 students (M.Sc. Aquaculture) from Adikavi Nannaya University , Rajahmundry visited Visakhapatnam Base and the vessel M.F.V. *Matsya Shikari* on 28.11.2018.
- Miss Srijita Roy, M.Sc. Geoinformatics student from Symbiosis Institute of Geoinformatics, Pune had visited FSI, HQs, Mumbai on 17.12.2018 to gather the information on commercial marine fisheries of India and vulnerable species. Scientists from FSI provided the necessary information regarding desired topic and briefed about the institutional activities.
- Shri. Himakanta Keshi, Scientist-G, National Science & Technological Laboratory, Defense Research Development Organistion, Visakhapatnam visited Visakhapatnam Base on 18.12.2018. He was explained about the organizational activities and the marine fishery resources, their abundance and distribution along the east coast of India.
- Shri. B. Sujith, Hoverdock, Visakhapatnam visited Visakhapatnam Base on 20.12.2018.
- 18 students of B.Sc., (Industrial Fish & Fisheries) from Asutosh College, Kolkata visited Visakhapatnam Base on 26.12.2018.

IV) Implementation of Official Language :

OLIC meeting

- The OLIC Meeting for Cochin Base was held on 27.12.2018.
- Official language implementation committee meeting of Chennai Base was held on 28.11.2018.
- The performance of the Port Blair Base was reviewed in the Official Language Implementation Committee, meeting held at Port Blair on 09.10.2018.

TOLIC Meeting

Dr. L. Ramalingam, Dy. Director General (Fy.) Director General (I/C) and Smt. Meera Vellan Rajiv, Jr. Translator participated in TOLIC meeting held on 24.10.2018 at Western Railway (HQs), Churchgate, Mumbai.

Hindi workshops organaised by FSI (HQs) and Bases

A one day Hindi Workshop was orgnaised on "Noting & Drafting" at FSI (HQs) Mumbai on 18.12.2018 in order to increase the correspondence in Hindi. Dr. Susheel Kumar Sharma, Member Secretary & General Manager (OL) Western Railway, TOLIC, Mumbai gave lecture on the said topic. 30 officials and staff members actively participated in the workshop.

Mumbai Base

A one day Hindi workshop was organised by Mumbai Base on 15.12.2018. Shri Naresh Kumar, Assistant Director, Central Translation Bureau, Navi Mumbai was invited as the subject specialist, to deliver the lecture on the topic "SARAL ANUWAD". The workshop was attended by 13 staff and 04 officers of the Base.

Mormugao Base :

Mormugao Base conducted a Hindi workshop on "Unicode & Computing'' on 23.10.2018 for the benefit of the staff members of the Base. Shri Narendra Kumar Prasad, Assistant Director (T&S) Central Hindi Institute, Delhi was resource person on this occasion.

Cochin Base :

A Hindi workshop was conducted on 26.12.2018. 15 Employees took part in the workshop conducted by Smt. Leena T.P, Jr. Translator.

Visakhapatnam Base :

A Hindi Workshop was conducted at the office on 04.12.2018. Smt. G. Deepthi, Jr. Hindi Translator, Income Tax Department, Visakhapatnam, was the resource person on this occasion. She deliberated on various aspects of Hindi as official language and also day to day use of Hindi in Govt. Offices.

Port Blair Base

A one day Hindi workshop was organised by Port Blair Base on 31.12.2018, wherein Dr. Dewanand E Uikey Sr. Scientific Assistant, Port Blair Base of FSI was the resource person and in his lecture he had described about objectives of FSI and various fishing practices.

V) Participation of Director General (I/C) in Meetings/ Conferences :

1. One-day workshop on the Coastal Shipping Study organised by Ministry of Shipping at Hotel Taj Mahal Palace, Mumbai on 08.10.2018.
2. Meeting in connection with the disposal of decommissioned fishing vessel M.F.V. *Matsya Sugandhi* on 17.11.2018 at MED, FSI, Kochi.
3. 1st meeting of Research Advisory and Monitoring Committee (RAMC) being an Ex- Officio Member at Zoological Survey of India (ZSI), Kolkata on 20-11-2018.
4. National Conclave on Coastal Security way ahead held on 27-11-2018 at University of Mumbai.
5. 6th and 7th meeting of Central Approval and Monitoring Committee (CAMC)of ministry was held at Krishi Bhawan, New Delhi on 07.12.2018 and 13.12.2018 respectively.
6. Committee meeting to conduct enquiry into the loss suffered by Govt. of India on account of implementing LOP scheme at Krishi Bhawan, New Delhi on 14.12.2018.

VI) Participation in Training/Seminar/ Workshops /Symposium/ Meetings/ Conference :

- Dr. Ansuman Das, Fisheries Scientist had attended a technical committee meeting of State fisheries department, Govt. of Maharashtra at Taraporevala Aquarium, Mumbai for AMC of Taraporevala Aquarium on 05.10.2018.
- Dr. Vinod Kumar Mudumala, Sr. Fisheries Scientist along with Dr. L. Ramalingam, Dy. Director General (Fy)/ Director General (IC) had participated in the one-day workshop on the Coastal Shipping Study organised by Ministry of Shipping at Hotel Taj Mahal Palace, Mumbai on 08.10.2018.
- Shri N. V. Raman Murthy, System Analyst, Shri Ch. Bhaskar, Programmer and Shri A. Siva, Sr. Scientific Assistant attended "Multi-parameter Remote Sensing Data Aanalysis for potential fishery zone" organised by SAC Ahmadabad during 8th-12th October 2018 at Ahemadabad.
- Dr. A. John Chembian, Jr. Fisheries Scientist and Shri C. Babu, Sr. Scientific Assistant attended the final workshop on Knowledge Management in Marine Fisheries Sector on 12th October, 2018 at Hotel Ranitree, Chennai organised by BOBP-IGO,Chennai.
- Dr. Dewanand E Uikey, Sr. Scientific Assistant, Shri Pratyush Das, Jr. Fishing Gear Technologist and Shri Nashad M, Sr. Scientific Assistant attended Ph.D Viva – voce of Shri Vikas Pandey on the topic "Macro and Meio benthic diversity of Andaman Islands" on 23.10.2018 at Dept. of Marine Biology and Ocean Studies, Pondicherry University, Brookshabaad, Port Blair.
- Shri. N. Jagannadh, Jr. Fisheries Scientist and Shri. G.V.A. Prasad, Jr. Fisheries Scientist attended the meeting of the tender committee at National Institute of Fisheries Post Harvest Technology & Training, Visakhapatnam on 22.10.2018.
- Shri C. Babu, Sr. Scientific Assistant attended the valedictory function of Green Skill Development Programme (GSDP) course on Para-Taxonomy including Peoples Bio-diversity Register (PBR) organized by Anna University ,Chennai on 25.10.2018 at Koodal hall, Institute for Ocean Management, Anna University, Chennai, Tamil Nadu
- Shri. K. Govindaraj, Sr. Fisheries Scientist attended the 70th TOLIC meeting held at Divisional Railway Manager office, Visakhapatnam on 25.10.2018 along with Shri. S.K. Pattnayak, Sr. Scientific Assistant and Shri. M. Govidna Rao, Radio Telephone Operator.
- Shri. N. Unnikrishnan, Jr. Fisheries Scientist attended a preliminary meeting of the Department of Fisheries, Kerala state held at CMFRI on 29.10.2018 for finalization of the Southern states Fisheries Ministers conference to be held 10-11 November 2018.
- Dr. Ansuman Das, Fisheries Scientist had attended the meeting on "Conversion of trawler into resource specific deep sea fishing vessel" under the Blue Revolution programme organised by the Asst. Commissioner, Mumbai, State Fisheries Department, Govt. of Maharashtra at the Conference hall of FSI, Mumbai on 29.10.2018.
- Dr. Vinod Kumar Mudumala, Sr. Fisheries Scientist along with Shri A. Siva, Sr. Scientific Assistant delivered a talk on "Eradicate Corruption – Build a New India" as part of the Vigilance Awareness Week, to give awareness on the corruption to the students of St. Peters' Higher Secondary School, Mazgaon, Mumbai and Kendriya Vidyalaya, Koliwada was delivered on 31st October, 2018 and 1st November, 2018 respectively.
- Shri. K. Govindaraj, Sr. Fisheries Scientist along with Dr A. B. Kar, Fisheries Scientist attended the meeting convened by Shri Tarun Sridhar, IAS, Secretary, Dept of Animal Husbandry, Dairying and Fisheries, Govt. of India for discussion with the State and Central Govt. officials, shrimp farmers and associated stake holders on various issues relating to fisheries and aquaculture held at Hotel Gateway, Vijayawada on 12.11.2018.
- Dr. A. B. Kar, Fisheries Scientist, Shri G.V.A.Prasad, Jr. Fisheries Scientist and Shri K.Silambarasan, Sr. Scientific Assistant attended the Stakeholder's Consultation on Draft National Policy on Mariculture at Visakhapatnam Regional Center for ICAR-CMFRI on 14.11.2018.
- Dr. Vinod Kumar Mudumala, Sr. Fisheries Scientist and Shri Rajendra Kumar B. Dokare, Mech. Supervisor (Sr.) had attended the 5th Co-ordination Committee Meeting for Modernisation of Sassoon Dock on 20-11-2018 at the Chairman Office, Port House, Mumbai Port Trust, Mumbai.
- Dr. Ansuman Das, Fisheries Scientist had attended Training Course "Geospatial techniques for Coastal Mapping and Monitoring (using QGSIS)" during 26-30 November, 2018 at INCOIS, Hyderabad, India organised by INCOIS in association with IODE (International Oceanographic Data and Information Exchange) programme.
- Dr. Vinod Kumar Mudumala, Sr. Fisheries Scientist along with Dr. L. Ramalingam, Dy. Director General (Fy) / Director General (I/C) attended National Conclave on Coastal Security way ahead held on 27.11.2018 at University of Mumbai.
- Dr. A. B. Kar, Fisheries Scientist had delivered a lecture on "Marine Fish and Fisheries" during 28- 29 November 2018 and 03rd December 2018 for the B.F.Sc. students of College of Fisheries, Odisha University of Agriculture & Technology, Rangailunda, Berhampur, Odisha, at CIFNET, Visakhapatnam.

- Shri Rahulkumar B. Tailor, Sr. Scientific Assistant,FSI (Hqs) and Shri Solly Soloman, Sr. Scientific Assistant from Mormugao Base of FSI had participated in the ICAR-Winter School on "Recent Advances in Fishery Biology techniques for biodiversity evaluation and conservation" organized by Central Marine Fisheries Research Institute (CMFRI) during 1st-21st December' 2018 at CMFRI (Hqs), Kochi.
- Shri Ashok S. Kadam, Fisheries Scientist and Shri Swapnil S. Shirke, Sr. Scientific Assistant had attended the quarterly meeting of the Agriculture Advisory Committee of Doordarshan Mumbai on 7th December' 2018 at Doordarshan Kendra, Worli, Mumbai.
- Dr. S. Ramachandran, Sr. Fisheries Scientist and Shri N. Unnikrishnan, Jr. Fisheries Scientist attended a Stakeholder's workshop towards discussion on Draft National Mariculture Policy on 15.12.2018 at CMFRI, Kochi.
- Dr. A. B. Kar, Fisheries Scientist and Dr. S. Ramachandran, Sr. Fisheries Scientist participated in the "Regional Training Course for Capacity Enhancement on International Fisheries Agreement, Treaties and Conventions" during 17-22 December'2018, organized by Bay of Bengal Programme - Inter Governmental Organization, Chennai.
- Shri. Ashok S. Kadam, Fisheries Scientist and Dr. Harshavardhan D. Joshi, Sr. Scientific Assistant invited as resource person to disseminate the information and spread awareness on hygienic fish handling and cleanliness in Fisheries on 18.12.2018 at MNC Building, MBPT, Sassoon Dock, Mumbai.
- Dr. Sijo P Varghese, Sr. Fisheries Scientist participated in the 9th meeting of the task force on Fisheries subsidies on 20.11.2018 held under the Chairmanship of the Joint Secretary (Fisheries), Ministry of Agriculture and Farmers Welfare, New Delhi.
- Shri Raju S. Nagpure, Sr. Scientific Assistant, Smt. Bindu K., UDC and Shri Bharat Kumar, LDC attended a training on "Use of Technical words and its Importance" sponsored by Commission for Scientific Technical Terminology, M/o Human Resources Development, New Delhi, during 27th-28th December' 2018 at National Centre for Polar and Ocean Research, Head land Sada, Mormugao, Goa.

VII) Administrative News :

Appointments :

- Shri Pravin Kumar appointed to the post of Multi Tasking Staff (MTS) w.e.f. 01.11.2018 and posted at FSI, HQs, Mumbai.

Promotions / Transfers :

- Shri Pradeep Kumar Shukla, Sr. Accountant transferred from Mumbai Base to FSI, HQs, Mumbai on his promotion to Assistant Accounts Officer (AAO) on 10.10.2018.
- Shri Mahesh Kumar Farejiya, Director Engineering FSI, HQs, Mumbai had promoted to the post of Deputy Director General (Engineering) on 17.10.2018.

Retirements :

- Shri. Ashok Kumar Khita, M. S. (Sr.), Mumbai Base of Fishery Survey of India retired from services on his superannuation on 31.12.2018.
- Shri. Joy Moothedan, C.E. (Gr.-I), Mumbai Base of Fishery Survey of India retired from services on his superannuation on 31.12.2018.

Swachhata Pakhwada :

The "Cleanliness Fortnight "Swachata Pakhwada" was observed by FSI, HQs and Bases from 15.09.2018 to 02.10.2018 and from 16th - 31st December' 2018 with Kisan Diwas on 23.12.2018. During the programme all the officers & staffs of HQs and the Bases were actively involved in cleaning of the office building and its premises, weeding out of plants and cleaning water logged areas, pamphlets and posters on cleanliness awareness were also distributed /displayed in local fish market. A rally was also conducted by the officers & staffs during the event to bring awareness of cleaning among the local public.

"Vigilance Awareness Campaign"

"Vigilance Awareness Campaign" was observed by FSI (HQs), Mumbai and all the Bases during 29.10.2018 to 03.11.2018. As a part of campaign the vigilance pledge was taken on 29.10.2018. In this connection, a workshop- cum-debate on the topic" Are Govt. Measure Enough to Eradicate Corruption'' was also conducted for office staff on 30.10.2018.

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