

DEPARTMENT OF FISHERIES

Annual Report 2019-20

- 1.1 Fisheries has gained importance in the State and National economy as a source of nutritious food, foreign exchange and employment.
- 1.2 Karnataka State has vast potential for fish production. It has 5.65 lakh ha. of freshwater sources consisting of 2.93 lakh ha of ponds and tanks and 2.72 lakh ha of reservoirs. In addition, the State has 8,000 ha of brackish water resources and 320 Km coastline with a continental shelf area of 27,000 Sq. Km.
- 1.3 The marine fish production during 2019-20 was 3.93 lakh metric tonnes. Presently, 4542 mechanized boats, 8949 motorized boats and 9044 traditional crafts are operating along the coast. More than 85% of total fish catch of the State is caught through mechanized fishing boats.
- 1.4 1,41,980 MT of marine products worth Rs.1,886.43crore was exported from the State during 2018-19.
- 1.5 Under the scheme, “Reimbursement of Sales Tax on Diesel for Fishing boats”, an amount equivalent to the sales tax amount on diesel used for mechanized fishing boats has been credited to bank account of owners of these boats as subsidy. Rs.1344.47 crore subsidy amount has been given on diesel supplied to 3141 fishing boat owners during 2019-20.
- 1.6 In the coast, 4514 traditional boats with permit is being provided 1355 Kilo litre kerosene every month at PDS rate. In order to provide kerosene to these boats at PDS rate Rs.687.50 lakh has been spent during 2019-20.
- 1.7 The central Government has accorded approval for construction of fishing harbour at Kulai at an estimated cost of Rs.196.51 crore with financial assistance of Ministry of Shipping (50%), New Mangalore Port trust (45%) and State Government (5%) and has released Rs.49.13 crore. A total amount of Rs.54.04 crore including the corresponding state share of Rs.4.91 crore has been released to New Mangalore Port trust.
- 1.8 The central Government has accorded sanction for construction of Fishing harbour at Hejamadi Kodi at an estimated cost of Rs.138.60 crores and the first installment of Rs.13.86 crores has been released.
- 1.9 About 165 motorized and 460 country boats are functioning in Murudeshwara of Uttara Kannada District. For safe landing of these boats, it is proposed to construct outer harbour. Approval has been given to undertake a preliminary study.

- 1.10 Administrative sanction has been accorded for construction of breakwater at Alvekodi-Thengingundi fish landing centre at an estimated cost of Rs.86.08 crore. Further, Government of India has agreed to provide 50% assistance. i.e. Rs.43.04 Crore.
- 1.11 Under “Matsya Krishi Asha Kirana” scheme, in order to increase fish production and to encourage fish culture in perennial major tanks across the state, sanction has been accorded to provide 50% of the unit cost upto a maximum of Rs.27,000 as subsidy to purchase 4,000 fingerlings and 2 tonnes of artificial feed per ha.
- 1.12 A new scheme namely “Assistance to Shrimp and brackish water fin fish culture where in 50% subsidy will be given for a unit cost of Rs.1 lakh per hectare for encouraging prawn and fish farming in inland and backwater resources available in the State.
- 1.13 Sanction has been obtained for the scheme “Encouragement to inland fish culture” to increase the inland fish production by stocking 2000 fish seeds per hectare of effective water spread area in the inland water resources of the state through Fishermen Co-operative Societies free of cost.
- 1.14 Sanction has been accorded by the Government for the loan being given from commercial/rural regional banks upto Rs. 50,000 at the rate of interest 2% to women fishermen to take up fishing activities, to be given at zero rate of interest from 2019-20.
- 1.15 Under Blue revolution-Integrated development and management of Fisheries, 40% subsidy for general category beneficiary and 60% subsidy to SC/ST/ women beneficiaries will be provided to take up marine fisheries, development of infrastructure facilities and post harvest operation , national scheme for fishermen welfare, development of inland fisheries and aquaculture, National Fisheries Development Board and its activities and other programmes. Under this scheme Rs.1519.88 lakhs have been spent for various programmes.
- 1.16 Under Distress relief fund scheme Rs.237.35 lakh relief has been provided to fishermen with respect to 84 cases.
- 1.17 Under tribal sub plan scheme, 6 beneficiaries belonging to scheduled tribe have been given subsidy of Rs.40.00 lakh for purchase vehicles for mobile/ retail fish canteen/ Fresh fish sale.

1.21 DEPARTMENT'S ORGANIZATIONAL STRUCTURE

HONOURABLE MINISTER FOR FISHERIES

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PRINCIPAL SECRETARY/ SECRETARY – ANIMAL HUSBANDRY AND FISHERIES

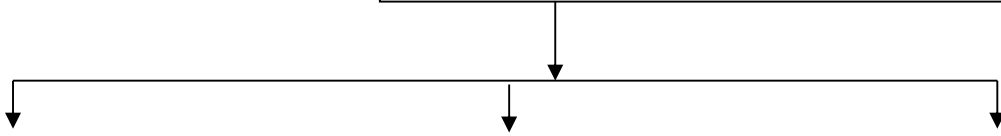
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DIRECTOR OF FISHERIES

DIRECTORATE OF FISHERIES
 JOINT DIRECTOR OF FISHERIES - 2
 DEPUTY DIRECTOR OF FISHERIES- 1
 Sr. ASST.DIR. OF FISHERIES (Admn)-1
 ASST.DIR. OF FISHERIES (GR-1) - 4
 ASST. DIR. OF FISHERIES (GR-2)- 7
 FISHERIES CURATOR-1
 ARCS -1

JOINT DIRECTOR OF FISHERIES (HARBOUR), MALPE
 ASST.DIR. OF FISHERIES (GR-1) - 5
 ASST. DIR. OF FISHERIES (GR-2)- 7

JOINT DIRECTOR OF FISHERIES Nijasharana Sri Ambigara Chowdaiah Fisheries Development Agency. Bagalakote.
 ASST.DIR. OF FISHERIES (GR-1) - 5
 ASST. DIR. OF FISHERIES (GR-2)- 6

ZONAL DEPUTY DIRECTOR OF FISHERIES (8)
 ASST. DIR. OF FISHERIES (GR-2)- 4



TRAINING CENTRES
 ASST. DIR. OF FISHERIES (GR- 1) – 4
 ASST. DIR. OF FISHERIES (GR-2)- 1

FISH SEED PRODUCTION AND REARING FARMS:
 ASST. DIR. OF FISHERIES (GR-1) - 5
 ASST. DIR. OF FISHERIES (GR- 2) - 22

DISTRICT LEVEL OFFICES:
 SR.ASST.DIR.OF FISHERIES-24
 ASST.DIR.OF FISHERIES (GR-1) – 6
 ASST. DIR. OF FISHERIES (GR-2)- 5

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TALUK LEVEL OFFICES
 ASST. DIR. OF FISHERIES (GR- 2) - 134

Department comes under the control of Minister of State for Fisheries. The Secretary to Government, Animal Husbandry and Fisheries Department is the head at the Government level. The Director of Fisheries is in-charge of all the developmental activities of the department and administration. There are 06 Joint Directors, 09 Deputy Directors (Zonal level officers), 26 Senior Assistant Director of Fisheries (District level officers), 32 Assistant Director of Fisheries (Grade -1) (District level officers) and Assistant Director of Fisheries (Grade -2) - 186 (Taluk level officers) in the Department to assist the Director. The total sanctioned cadre strength of the department is 1401. 679 posts are filled up and 722 posts are vacant in the Department.

2. Review of Annual Plan 2019-20

A budgetary allocation of Rs.28,001.58 lakh was made during the year 2019-20. A central allocation of Rs.4593.53 lakh was provided as per the requirement for certain schemes. The total revised allocation provided to the department of fisheries was Rs.32,600.11 lakh. The details are given below:

(Rs in lakh)

Details	State Share	Central Share	Total
State sector Schemes			
A) 2405- Fisheries	19804.765	898.525	20703.29
B) 4405- Capital Outlay on Fisheries	4160.87	3700	7860.87
State sector total	23965.635	4598.525	28564.16
Zilla Panchayat Schemes			
A) 2405- Fisheries	3784.06	0	3784.06
Total	27749.695	4598.525	32348.22

The details of additional allocation provided is as follows:

Sl.No	Scheme	Additional Allocation (Rs.in lakh)
1.	CSS - Blue Revolution – Integrated development and management of fisheries - 2405-00-101-0-58	669.21
2.	Construction of fishing harbours – Centrally sponsored scheme – 4405-00-103-6-01	232.26
	Total	901.47

During 2019-20 a central share of Rs.4598.53 lakh has been released for the fisheries sector. Apart from this Rs.2272.70 lakh has been provided under RKVY.

Abstract of the financial achievement during 2019-20

Financial Achievements

(Rs in lakh)

Details	Allocation	Release	Expenditure
State sector Schemes			
A) 2405- Fisheries	19535.00	20703.29	20002.50
B) 4405- Capital Outlay on Fisheries	3431.61	7860.87	7859.61
State sector total	22966.61	28564.16	27862.11
Zilla Panchayat Schemes			
A) 2405- Fisheries	3784.06	3784.06	3706.60
Total	26750.67	32348.22	31568.71

Physical Achievements

		Target	Achievement
Fish Production			
Inland	lakh MTs	2.00	1.97
Marine	lakh Mts	4.10	3.93
Total	lakh MTs.	6.10	5.90
Fish Seed Production			
Fry	Millions	725.00	575.36
Fingerlings	Millions	362.00	287.68

3. MARINE FISHERIES:

3.1 Reimbursement of sales tax on diesel used by fishing boats (2405-00-103-0-23)

Under the scheme, Reimbursement of sales tax on diesel used by fishing boats the amount equivalent to sales tax on the diesel used by mechanized fishing boats as subsidy is reimbursed by transferring it directly to the bank account of the boat owner. An allocation of Rs.13500.00 lakh was earmarked. An expenditure of Rs.13447.23 lakh has been made to supply 149999 kilo litres of diesel to 3141 boats.

3.2 Supply of Kerosene to traditional boats (2405-00-103-0-17)

In Karnataka coast many traditional boats are involved in fishing activity and these boats have been installing outboard engines stage by stage and are able to go for fishing too far off from the seashore in short time and have been successful in profitable fisheries. These motorised boats are being supplied with 300 litre kerosene per month per boat at PDS rate by Food, civil supplies and consumer affairs department from many years. However, from 2018-19 the budget allocation is being made in Department of Fisheries. Provision has been made to supply 300 litre kerosene per month per boat at PDS rate. In the coast 4514 traditional fishing boats with permit are provided with 1355 kilo litre kerosene at PDS rate.

Out of this amount Rs.574.81 lakh was re-appropriated to the following schemes. (i) Rs 250.89 lakh towards Blue revolution scheme (ii) Rs. 155.70 lakh towards salary for staff and wages for outsourced employees of the Department under the Zilla Panchayat sector, (iii) Rs. 85.00 lakh for salary of staff under Director and Administration, (iv) Rs. 83.22 lakh for Subsidy for ice plants. However, Rs. 14.73 lakh was not utilized by ZP, Kolar and hence remained in the same Head of Account. Therefore the effective re- appropriation is Rs. 560.08 lakh.

An allocation of Rs.1341.00 lakh was earmarked. An expenditure of Rs.687.50 lakh has been made to supply 12195 kilo litres of Kerosene to 4514 boats.

3.4 Fishing Harbours - Centrally sponsored scheme (4405-00-103-6-01)

Sanction was accorded by GOI and State Government for the construction of Mangalore fishing harbor III stage at an estimated cost of Rs.57.60 crore, Malpe fishing harbor III stage at an estimated cost of Rs.37.15 crore, 2nd stage Honnavar fishing harbour in Uttara Kannada district at an estimated cost of Rs.26.98 crore and break water at Gangolli at an estimated cost of Rs.102.11 crore and these works have been completed.

The central Government has accorded approval for construction of fishing harbour at Kulai at an estimated cost of Rs.196.51 crore with financial assistance of Ministry of Shipping (50%), New Mangalore Port trust (45%) and State Government (5%). The central Government has released Rs.49.13 crore. A total amount of Rs.54.04 crore including the corresponding state share Rs.4.91 crore was released to New Mangalore Port trust.

Government of India has accorded sanction for construction of fishing harbour at Hejamadi Kodi and the first installment of Rs.13.86 crore has been released. State Govt has accorded administrative approval for revised estimated cost of Rs. 180.84 crore during 2019-20.

The state Government has accorded sanction to take up construction of break water at Alvekodi-Thengingundi fish landing centre at an estimated cost of Rs.86.08 crore. Further, Government of India, has agreed to give 50% assistance for this project.

GOI has released Rs.7117.50 lakh as central share under this scheme in 2018-19, of which Rs.1510.00 lakh for construction of Mangalore fishing harbour, Rs.2200.00 lakh for Gangolli break water construction, Rs.2021.50 lakh for construction of Kulai fishing harbour and Rs.1386.00 lakh for construction of Hejamadi Fishing harbour.

Construction of breakwater at Gangolli has been taken up during 2019-20. The estimated cost is Rs. 1.02 crore at 75:25 central state partnership. So far Rs. 70.00 crore from GoI and Rs. 18.31 crore from GoK has been released. An expenditure of Rs. 88.31 crore has been incurred.

A token allocation of Rs.1.00 lakh was made during the year 2019-20. A total allocation of Rs.4431.26 lakh was released. Out of this Rs.4431.26 lakh was spent for construction works of Gangolli break water.

3.5. Landing and berthing facilities (4405-00-104-0-02):

- Construction of break water at Shirur Alvegadde in Kundapur taluk of Udupi district at a cost of Rs.980.00 lakh, Kerala Model open harbour at a cost of Rs.4500.00 lakh at Maravanthe in Kundapur taluk at Udupi district, break water at Koderi at a cost of Rs.3300.00 lakh, extension of wharf at Thengingundi fish landing centre at a cost of Rs.1000.00 lakh, extension of wharf at a cost of Rs.400.00 lakh in Kundapur Kodi and extension of wharf at Alvekodi at a cost of Rs.500.00 lakh are completed

- Administrative approval has been accorded for extension of jetty upto 75 m and other facilities at an estimated cost of Rs.5.00 crore at Malpe fishing harbour and work has been completed.
- The re-construction of breakwater near Bhatkal fishing harbour at an estimated cost of Rs.5.00 crore has been completed.
- The dredging works at Honnavar estuary at an estimated cost of Rs.6.00 crore is completed.
- Administrative approval has been accorded for reconstruction of Jetty at Gangolli fishing harbour at an estimated cost of Rs.12.00 Crores.

Apart from these in 2018-19 administrative sanction has been accorded to take up various works required for development of Tadri fishing harbour at an estimated cost of Rs.1.79 crore

Amadalli fishing harbor works at an estimated cost of Rs.1874.00 lakh has been taken up under centrally sponsored scheme and the work has been completed.

Under this scheme, Rs.2754.00 lakh was allocated in the budget. However the budget was reduced to Rs.2254.00 lakh and Rs.2253.56 lakh has been utilized.

3.6. NABARD assistance under RIDF (4405-00-800-2-03)

An expenditure of Rs.1175.61 lakh has been made for the 38 works approved under RIDF 19, 20, 21, 22, 23 and 24 under NABARD assisted RIDF scheme.

Under RIDF 24 approval has been accorded for 16 works at a cost of Rs.25.77 crores for the development of fisheries. The works approved are 8 fish seed farms of the fisheries department (Rs.15.09 crore), 5 hygienic fish markets (Rs.5.00 crore), Extension of jetty at Bobbaryapade, Udupi district (Rs.1.30 crore), construction of traditional berthing centre at Thota bengre, Mangalore taluk (Rs.3.37 crore) and construction of auction hall at Hangarakatte (Rs.1.01 crore). In 2019-20, a budget allocation of Rs.1921.00 lakh was made. However the budget was reduced to Rs. 1176.00 lakh and Rs. 1175.61 lakh was utilized.

3.7 Dredging of fishing harbours-Centrally Sponsored Scheme (4405-00-103-1-02):

In order to solve the problem of siltation in the fishing harbours and landing centres in the State constructed centrally sponsored scheme and other schemes dredging of harbours has been taken up. The dredging works are under progress at

Kodikanyana at Rs.646.00 lakh, Malpe basin at Rs.225.00 lakh and Belikeri at Rs.300.00 lakh.

During the year 2019-20 a token allocation of Rs.1.00 lakh was made. Since funds were not released from GOI no expenditure has been made.

3.8 Subsidy on electricity used by Ice plants (2405-00-110-0-03):

Under this scheme provision was made to provide subsidy @ Rs.1.75 per unit of the electricity consumed by the Ice plants subject to a maximum of Rs.3.50 lakh per ice plant.

An allocation of Rs.400.00 lakh was made during 2019-20 and Rs. 83.22 lakh was re appropriated from Supply of Kerosene to traditional boats. Out of the total funds released Rs.483.22 lakh was released to 190 Ice plants as subsidy.

3.9 Maintenance of link roads in coastal area (2405-00-800-0-15):

There are 226 fisheries link roads with a length of 366.50 Km in the three coastal districts of the State. During 2019-20, an allocation of Rs.150.00 lakh was made for repair, development and maintenance of these link roads. An expenditure of Rs.125.00 lakh has been incurred for maintenance of 43 roads.

4. INLAND FISHERIES

During 2019-20, 5753.64 lakh fish seed (fry) have been produced. 2976 department tanks were developed by stocking 2277.00 lakh fingerlings. Similarly, 2088 Gram Panchayat tanks have been developed by stocking 535.00 lakh fingerlings. It is estimated that 1.97 lakh MT of inland fish has been produced.

4.1 Assistance for development of inland fisheries (State Sector) (2405-00-101-0-03):

Under Subsidy for purchase of fish seed scheme 50% of the cost of fish seed of any species purchased by the fish farmer subject to a maximum of Rs. 5000.00 for an individual and Rs. 20000.00 for an institution is provided as subsidy. Provision has been made to avail 50% subsidy subject to a maximum of Rs.25,000 for purchase of 50 lakh spawn or 10 lakh fish fry by fish seed rearers who are interested to take up fish seed rearing in their own ponds registered with the fisheries department . Under this programme Rs.37.74 lakh was given as subsidy for stocking fish fingerlings in 776 tanks.

Under “Matsya Krishi Asha Kirana”scheme to increase fish production and to encourage fish culture in major tanks across the state, 50% of the unit cost upto a

maximum of Rs.27,000 will be provided to purchase 4,000 fingerlings and 2 tonnes of artificial feed per ha. Under this scheme Rs.238.07 lakh has been spent to develop 122 tanks with a EWSA of 1287.97 Ha.

Under “Encouragement for inland fish culture” scheme 2000 fish fingerlings will be stocked per hectare effective water spread area of the water resources of the state through Fishermen Co-operative Societies free of cost . Under this scheme sanction has been accorded to stock 233 tanks with a EWSA of 9692 HA at a cost of Rs. 183.90 lakh. .

Under the new scheme “Shrimp and brackish water fin fish culture” 50% subsidy will be given for a unit cost of Rs.1 lakh per hectare for encouraging prawn and fish farming in inland and backwater resources available in the State. Under this scheme Rs.92.81 lakh has been spent for installing 270 cages in brackishwater and 56 units for shrimp culture.

During 2019-20, an allocation of Rs.719.00 lakh was made. From this scheme Rs. 160.00 lakh has been re appropriated to the following schemes (i) Rs. 150.00 lakh for wages under zilla panchayat outsourced staff (ii) Rs. 10.00 lakh for the payment of rent under the Direction and administration scheme. The total expenditure under the scheme is Rs.554.12 lakh.

4.2 Reservoir stocking (2405-00-101-0-54):

There are 82 reservoirs in the State. The total water spread area of these reservoirs is 2.72 lakh hectare. Thousands of fishermen families are depending on these reservoirs for their life. Fishermen depending on these reservoirs and rivers are in deep trouble off late as there is a big scarcity of fisheries resource. It is essential to stock often these reservoirs with fast growing catla, rohu, mrigal species which will not be produced naturally.

Under this scheme, reservoir development is being taken up in selected reservoirs and advanced fingerlings are stocked. During 2019-20, Rs.150.00 lakh has been provided and Rs. 149.59 lakh has been utilised. Under this scheme 170.65 lakh fingerlings have been stocked in selected 33 reservoirs of the state.

4.3 Establishment of North Karnataka Inland Fisheries Development centre (2405-00-101-0-67)

North Karnataka has around 1.64 lakh hectare area reservoirs, 42,195 hectare area major tanks and 20,667 hectare area of gram panchayat tanks, rivers and canals that offers vast scope for development of inland fisheries. In this background ‘Nija Sharana Ambigara Chowdaiah North Karnataka Fisheries Development Agency

(NKFDA)' has been established involving the officers of the department. . The main objectives of NKFDA are to formulate local specific programmes for the integrated development of fisheries in North Karnataka and implement the same, to prepare the necessary project report and mobilize funds for the fisheries activities and implement them and to collaborate with fisheries education, research, extension, and development institutes and fishermen organizations to develop fisheries and Aquaculture in North Karnataka.

In 2019-20 a budget allocation of Rs.100.00 lakh has been made and the entire amount has been transferred to the account of the agency to be utilised for inland fisheries development.

4.4 Supply of fishery requisite kits (2405-00-110-0-02):

Under the scheme "Supply of Fishery requisite Kit", a kit consisting of fishing net and other fishery requisites worth Rs.10,000/-are given with 100% subsidy to coastal and inland fishermen involved in traditional capture fisheries. The fishermen can also choose to get a Fiber glass coracle worth Rs.10,000/-at 100% subsidy instead of a fishery requisite kit. These fiber glass coracles are not only durable but also very strong and it also helps the fishermen to fish in deeper waters and ensure the safety to the life of fishermen. In 2018-19, under this scheme a new component "Free distribution of square meshed cod end nets for trawl nets of trawl boats". The objective of the scheme is to provide 35 mm square meshed nets worth Rs.10,000/- each to fishermen for attaching it the cod end in order to conserve the fish wealth in sea by preventing fishing of juvenile fish. The budget allocation was Rs.200.00 lakhs.

In 2019-20 a new scheme was proposed in the budget where in for the safety of fishermen and fishing boats, subsidy of 50% will be provided for installation of ISRO authorized DAT equipment to fishing boats. The budget allocation was Rs.300.00 lakhs.

During the year 2019-20, an amount of Rs.500.00 lakh was proposed in the budget, however Rs. 300.00 lakh towards assistance for procurement of DAT equipment was not released. Therefore Rs. 200.00 lakh was released under this scheme and out of this Rs.199.83 lakh has been spent to provide fishery requisite to 2000 beneficiaries.

5. FISHERMEN WELFARE SCHEMES

5.1 Distress Relief Fund (2405-00-103-0-15):

Distress Relief Fund was started to provide relief to fishermen/their dependents in case of death/permanent disability while fishing. From the Distress Relief Fund

compensation of Rs.3,00,000 for death and Rs.100,000 in case of partial disability is provided to fishermen/their dependents in case of death / accident while fishing. Provision of Rs.100,000 has been fixed as relief for loss/damage of boat/net and medical expenses. In case of cases where the fishermen die during fishing due to natural calamity or accident in sea Rs.6.00 lakh is provided as relief to the dependents.

During 2019-20, Rs.1.00 lakh was given under the scheme. 84 cases (Death: 59 cases, Rs.216.00 lakh; Boat damage: 13 cases, Rs.12.98 lakh; Net damage: 7 cases, Rs.0.35 lakh; Medical: 3 case, Rs.1.02 lakh; Loss of fish during culture: 2 cases, Rs. 7.00 lakh) have been settled and totally Rs.237.35 lakh relief has been given.

5.2 Group Accident Insurance Scheme (2405-00-120-0-07-106)

Under this Centrally Sponsored Group Accident insurance Scheme, the premium amount of Rs.20.27 per fisherman, shared equally by State and Centre has been paid to the National Federation of Fishers Co-operative Ltd.,(FISHCOFED) New Delhi towards insurance coverage of 2.04 lakh fishermen of the State. During 2019-20, Rs.12.28 lakh has been paid to FISHCOFED, New Delhi towards premium by the State Government.

5.3. CSS Savings-cum-relief scheme for marine fishermen (2405-00-120-0-07-100):

Under this Scheme, a total amount of Rs.1500 will be collected from each fisherman during fishing period and matching contribution of Rs. 1500 each by the State and Central Governments is given. Rs.4500 thus collected will be distributed during 3 lean months to the beneficiaries equally at Rs. 1500 per month.

During 2019-20, token allocation of Rs.1.00 lakh was made under this component. Since funds were not released from GOI no expenditure has been made.

5.4 Unspent SCSP-TSP Amount as per the SCSP-TSP Act 2013 (2405-00-101-0-66)

Under this scheme programmes have been taken up for the beneficiaries involved in fisheries activities and belonging Scheduled caste and scheduled tribe. In 2019-20 under this scheme provision has been made for distribution of fisheries requisite kits. In 2019-20 an allocation of Rs.1.04 lakh was made and Rs.1.00 lakh was spent. 10 beneficiaries have availed benefit.

5.6 Tribal Sub Plan (2405-00-790-0-00)

Under this scheme various programmes have been taken up for the beneficiaries involved in fisheries activities and belonging Scheduled tribe. In 2018-

19, under this scheme provision has been made for purchase of mobile/ retail fish canteen or vehicle fresh fish sale. In 2019-20 an allocation of Rs.40.00 lakh was made. Rs.40.00 lakh was spent for the implementation of these programmes. 6 beneficiaries have been assisted.

6. Processing, Preservation and Marketing

There are 195 ice plants with a production capacity of 5609 tonnes of ice per day, 49 cold storages with a storage capacity of 2925 tonnes, 11 frozen storages with a storage capacity of 1255 tonnes per day and 14 freezing plants with a capacity of 175 tonnes and 8 canning plants with production capacity of 528.50 tonnes and 21 fish meal plants with a production capacity of 424.50 tonnes in the State.

There are two Co-operative Fish Marketing Federations and one Fisheries Development Corporation working in the coastal districts to help the fishermen in marketing their fish catches. These institutions will help the fishermen in supply of diesel, fishery requisites, spare parts etc. and in marketing of fish.

6.1. Assistance for construction of fish markets (2405-00-105-0-09):

Fish markets are being constructed and maintained by the local bodies. National Fisheries Development Board is giving lot of importance for construction of hygienic fish markets. In order to assist these local bodies, the board is providing 50% of the project cost as financial assistance for construction of fish markets. In order to assist these local bodies, under this scheme it is proposed to finance the balance 10% cost subject to a maximum of Rs.25.00 lakh by the State Government. 75% subsidy subject to maximum of Rs.7.50 lakh will be provided to Fishermen co-operative societies to construct Fish Collection and Marketing Building on their own site with water, electricity and other facilities at an estimated unit cost of Rs.10 lakh.

An allocation of Rs.75.00 lakh was earmarked for construction of Fish Collection and Marketing Building through Fishermen co-operative societies

Thus, under this scheme Rs.47.75 lakh has been spent against allocated amount of Rs.75.00 lakh and 6 FCS have availed this benefit.

7. Fisheries Co-operative Societies

There are 654 Fishermen Co-operative Societies in the State of which, 592 are functioning and 62 are defunct. One State Level Co-operative Fisheries Federation in inland and two District Co-operative Fish Marketing Federations are functioning in

marine districts in the State. To assist the activities of these Co-operatives, share capital, fishery requisites loan and managerial subsidy are being provided. There are 2.04 lakh members in all FCS.

8. OTHER SCHEMES

8.1 Reimbursement of differential interest to commercial banks (2405-00-800-0-28):

Provision has been made to reimburse the difference of interest to the Commercial Banks and Regional Rural Banks that will provide loans to fishermen @ 2% interest up to Rs.50,000/- for fisheries activities.

From 2019-20, provision has been made for fisherwomen to avail loan from commercial/ rural regional banks upto Rs.50,000 at zero percent interest to take up fisheries activities.

An allocation of Rs.151.04 lakh was made during the year 2019-20. Rs.151.04 lakh has been spent to clear claims of 13,768 fishermen.

8.3 Blue Revolution - Integrated Development and management of Fisheries (2405-00-101-0-58)

Central Government has introduced a flagship programme called Blue Revolution- Integrated development and management of fisheries to bring about a significant growth in the fisheries sector in the next 5 years. Under this scheme the following programmes have been included for the overall development of the fisheries sector and socio economic development of fishermen.

1. National Fisheries Development Board (NFDB) and its activities,
2. Development of Inland Fisheries and Aquaculture,
3. Development of Marine Fisheries, Infrastructure and Post-Harvest Operations,
4. Strengthening of Database & Geographical Information System of the Fisheries Sector,
5. Institutional Arrangement for Fisheries Sector
6. Monitoring, Control and Surveillance (MCS) and other need-based Interventions
7. National Scheme of Welfare of Fishermen

In the 2019-20, a budget allocation of Rs.100.00 lakh has been earmarked. Rs. 751.28 lakh released by GoI during 2018-19 has been revalidated for the year 2019-20 and Rs. 1269.21 lakh has been released including the state share (Central Rs. 751.28 lakh, state Rs. 517.93 lakh). For the year 2019-20, GoI has released Rs. 147.245 lakh

and GoK has released a matching grant of Rs. 103.64 lakh. The balance amount Rs.250.89 lakh of the year 2019-20 was allocated through reappropriation from the scheme, Supply of Kerosene to traditional boats ”. Thus, a total of Rs.1520.10 lakh has been released for various programmes. Out of this, Rs.1519.88 lakh has been spent.

8.4 Direction and Administration (2405-00-001-0-01):

Under this head of account, provision has been made for staff expenditure, salary of engineers of head office and other offices, installation and maintenance of computer, fax and other electronic equipments, vehicle purchase and other expenditure under state sector scheme. Under this scheme, provision has been made for construction and maintenance, modernisation and repair of department office buildings, purchasing the requisites and other materials for maintenance of aquarium and other works.

Further under this scheme from 2019-20, allocation is made towards the operational cost for production of fish seed in fish seed production farms, rearing of fish seed in farms and at taluk level nurseries, procurement and transportation of fish seed, the purchase of seed transport vehicles, maintenance of vehicles and staff salary.

For the extension activities of the Department like publicity, workshops, documentary film, Matsya Mela, evaluation studies of schemes, training, organizing fish farmers day, etc provision has been made under this scheme.

During 2019-20, Rs.2593.00 lakh was provided and Rs.85.00 lakh was allocated through reappropriation from the scheme Supply of Kerosene to traditional boats (Rs. 85.00 lakh) and Assistance for inland fisheries (Rs. 10.00 lakh). Thus, a total of Rs.2688.00 lakh has been released and out of this, Rs.2483.06 lakh has been spent.

8.6. Rashtriya Krishi Vikasa Yojana:

Under Rashtriya Krishi Vikasa Yojana, an allocation of Rs.2273.00 lakh was provided during 2019-20 to implement the following programmes

- i. Distribution of fishery requisite kits – Rs. 60.00 lakh (2018-19) and Rs. 100.00 lakh
- ii. Up gradation of Narayanapura fish farm seed production farm-Rs. 473.00 lakh,
- iii. Up gradation of Karimuddnahalli, Menasinahalli, Gorur, Markonahalli- Rs. 500.00 lakh

- iv. Demonstration of fresh water prawn culture in the state- Rs.250.00 lakh
- v. Establishment of integrated hygienic fish markets in the state by KFDC- Rs. 100.00 lakh
- vi. Modernisation of Research and instructional fish farm in college of Fisheries- Rs.790.00 lakh
- vii. Distribution of fishery requisite kits – Rs. 100.00 lakh

During 2019-20, Rs.2272.70 lakh was released and an expenditure of Rs.1159.00 lakh has been incurred.

9. Details of Zilla Panchayat Schemes -

9.1 Construction and maintenance of fisheries buildings and facilities (2405-00-101-0-27):

Grant has been provided under this scheme for construction and maintenance of office buildings, repair and improvement of fish seed production center and Taluk level nurseries, construction and maintenance of fisheries jetties, landing centers, auction halls in coastal districts, expenditure on maintenance of aquarium at Karwar, Hassan, Belagavi, Kalaburagi, Dakshina Kannada, Bidar, Kolar, Kodagu and Vijayapur Districts and purchase of other materials. During 2019-20, Rs.434.50 lakh has been provided under this scheme and Rs.388.84 lakh has been spent.

9.2 Assistance for Development of Inland Fisheries (2405-00-101-0-28):

Under this scheme, assistance is given for construction of ponds in waterlogged saline and alkaline soils. 25% subsidy subject to a maximum of Rs.30,000/- is given for construction of 1acre fish culture pond and for first year inputs. Subsidy of Rs.10,000/- is provided to the entrepreneurs who construct one acre fish culture tanks in their own land and take up fish culture. Apart from this, 50% subsidy subject to a maximum of Rs. 5000 is provided to farmers who have stocked their tanks with grass carp seed. Fish farmers are given awareness regarding fish culture and they are provided with 250 fish seeds to stock in wells and irrigation ponds.

Allocation is made towards the operation cost for production of fish seed in fish seed production farms, rearing of fish seed in farms and at taluk level nurseries, cages and pens, procurement and transportation of fish seed, the purchase of seed transport vehicles, maintenance of vehicles and purchase of farm equipments.

The allocation for the scheme during 2019-20 was Rs.676.05 lakh and the total expenditure to implement the above programmes was Rs.605.69 lakh.

9.3. Assistance to construction of fish markets and fish marketing –(2405-00-101-0-30)

In order to help fisher folk, to sell and transport harvested fish in fresh and hygienic condition, assistance is being provided for the purchase of a bicycle and insulated boxes with 50% subsidy, subject to a maximum limit of Rs.2000/- and 25% subsidy for purchase of 2 wheeler and ice box subject to maximum of Rs.10,000/- .

For quick transportation of fresh fish in hygienic condition from fish landing centres to marketing places, financial assistance is provided under "Matsya Vahini". Under this scheme, 25% subsidy to a maximum of Rs.30,000/- for the purchase of a 3-wheeler tempo rickshaw and 25% subsidy subject to a maximum of Rs.35000/- for the purchase of 4 wheeler will be provided to a group of 3-4 persons.

Apart from this, under this scheme provision has been made for fishermen who possess non motorised (pathi doni) boats to purchase fishery requisites for unit cost of Rs.10,000 and avail subsidy of maximum Rs.5000/-.

An expenditure of Rs.180.00 lakh has been incurred against the budget provision of Rs.176.27 lakh under this scheme during 2019-20.

9.4 Exhibition and training (2405-00-101-0-32):

Under this scheme allocation has been made for participation and to prepare suitable exhibits on fisheries department and its activities at State, District and Taluk level exhibitions. Training is provided to interested fish farmers on fish culture activities and information on departmental schemes is given. An allocation of Rs.109.51 lakh was made for exhibition and training, out of which Rs.105.30 lakh has been spent in 2019-20.

9.5 District and other staff (2405-00-101-0-26):

Under this scheme, the allocation has been made to bear the salary of staff and other expenses. The allocation made in 2019-20 is Rs.2384.00 lakhs and Rs. 290.97 lakh was reappropriated from Supply of Kerosene to traditional boats (Rs. 155.70 lakh) and Assistance for inland fisheries (Rs. 150.00 lakh) for wages under zilla panchayat outsourced staff. Rs. 14.73 lakh was not utilised by ZP, kolar though the amount was re appropriated. An expenditure of Rs. 2430.50 lakh has been incurred under this scheme.

The financial progress achieved 2018-19 in respect of Zilla Panchayat schemes are as follows.

(Rs. in lakh)

Sl. No.	Scheme	Allocation	Expenditure
1	Construction of fisheries buildings and facilities and maintenance.	434.50	388.84
2	Assistance for development of inland Fisheries	676.05	605.69
3	Assistance for construction of markets and fish marketing	180.00	176.27
4	Exhibition and Training	109.51	105.30
5	District and other staff	2384.00	2430.50
	Total	3784.06	3706.60

10. Expenditure and Revenue

The expenditure and revenue particulars of the Department under various schemes for 2017-18 and 2018-19 are as follows:

(Rs. in lakh)

Sl. No	Scheme	2018-19	2019-20
1.	Expenditure under State Sector Schemes	33314.36	27862.10
2.	Expenditure under Zilla Panchayat schemes	3474.98	3706.60
3.	REVENUE RECEIPTS	1897.93	31568.70

Director of Fisheries