

# **DEPARTMENT OF FISHERIES**

## **Annual Report 2020-21**

- 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 2020-21 was 3.45 lakh metric tonnes. Presently, 4,597 mechanized boats, 10,100 motorized boats and 9,760 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 95,841 MT of marine products worth Rs.1367.13 crore (\$198.92) was exported from the State during 2019-20.
- 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.13007.36 lakh subsidy amount has been given on diesel supplied to 4512 fishing boat owners during 2020-21.
- 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.320.00 lakh has been spent and 7247 KL of kerosene has been distributed to the boats during 2020-21.
- 1.7 The works of second phase of the outer harbour, which is under construction at Maravanthe in Byndoor Taluk of Udupi District has been accorded approval by the state Government for a cost of Rs.85 crore and will be made available for use by fishermen.
- 1.8 The state government has accorded approval for the development works in Koderi fishing harbour of Udupi district at a cost of Rs. 2.00 crore.
- 1.9 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.

- 1.10 A new scheme namely “Assistance to Shrimp and brackish water fin fish culture where in 50% subsidy upto Rs. 50,000/- 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.
- 1.11 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.
- 1.12 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.
- 1.13 Under the Pradhan Mantri Matsya Sampada Yojana for the year 2020-21 projects to the tune of Rs. 137.19 crore has been approved for the state of Karnataka. This encompasses a central share of 42.04 crore, state share of Rs. 29.22 crore and a beneficiary share of Rs. 65.93 crore. Towards the implementation of the approved 31 components, Rs. 47.0085 crore has been released (including state and central share).
- 1.14 Under Distress relief fund scheme Rs.422.64 lakh relief has been provided to fishermen with respect to 115 cases.
- 1.15 Under tribal sub plan scheme, 8 beneficiaries belonging to scheduled tribe have been given subsidy of Rs.39.19 lakh for purchase of four wheeler vehicles for fish sale and transportation.

## 1.21 DEPARTMENT'S ORGANIZATIONAL STRUCTURE

**HONOURABLE MINISTER FOR FISHERIES**

↓  
**ADDITONAL CHIEF SECRETARY/PRINCIPAL SECRETARY/ SECRETARY –  
 ANIMAL HUSBANDRY AND FISHERIES**

↓  
**DIRECTOR OF FISHERIES**

**DIRECTORATE OF FISHERIES**  
 JOINT DIRECTOR OF FISHERIES - 2  
 Sr. DEPUTY DIRECTOR OF FISHERIES- 1  
 DEPUTY DIRECTOR OF FISHERIES (Admn)-1  
 Sr. ASST.DIR. OF FISHERIES - 5  
 ASST. DIR. OF FISHERIES- 7  
 ARCS -1

**JOINT DIRECTOR OF FISHERIES (HARBOUR), MALPE**  
 Sr. ASST.DIR. OF FISHERIES- 5  
 ASST. DIR. OF FISHERIES- 7

**JOINT DIRECTOR OF FISHERIES Nijasharana Sri Ambigara  
 Chowdaiah Fisheries Development Agency. Bagalakote.**  
 Sr. ASST.DIR. OF FISHERIES- 5  
 ASST. DIR. OF FISHERIES- 6

**ZONAL Sr. DEPUTY DIRECTOR OF FISHERIES (8)**  
 ASST. DIR. OF FISHERIES- 4

**TRAINING CENTRES**  
 Sr. ASST. DIR. OF FISHERIES– 4  
 ASST. DIR. OF FISHERIES- 1

**FISH SEED PRODUCTION AND  
 REARING FARMS:**  
 Sr. ASST. DIR. OF FISHERIES- 5  
 ASST. DIR. OF FISHERIES- 22

**DISTRICT LEVEL OFFICES:**  
 DEPUTY DIR.OF FISHERIES-24  
 Sr. ASST.DIR.OF FISHERIES– 6  
 ASST. DIR. OF FISHERIES- 5

**TALUK LEVEL OFFICES**  
 ASST. DIR. OF FISHERIES- 136

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, 12 Sr. Deputy Directors (Zonal level officers), 26 Deputy Director of Fisheries (District level officers), 35 Sr. Assistant Director of Fisheries (Grade -1) (District level officers) and Assistant Director of Fisheries- 188 (Taluk level officers) in the Department to assist the Director. The total sanctioned cadre strength of the department is 1419. 680 posts are filled up and 739 posts are vacant in the Department.

## 2. Review of Annual Plan 2020-21

A budgetary allocation of Rs.29406.65 lakh was made during the year 2020-21. Due to the financial constraints the budget was reduced to Rs. 24306.65 lakh. Later during the year additional budget was provided various schemes as per the requirement. The total revised allocation provided to the department of fisheries was Rs.32184.28 lakh. The details are given below:

(Rs in lakh)

| Details                              | BE              | RE1             | RE2             |                |                 |
|--------------------------------------|-----------------|-----------------|-----------------|----------------|-----------------|
|                                      |                 |                 | State Share     | Central Share  | Total           |
| <b>State sector Schemes</b>          |                 |                 |                 |                |                 |
| A) 2405- Fisheries                   | 20208.00        | 15908.00        | 23101.99        | 2820.51        | 25922.50        |
| B) 4405- Capital Outlay on Fisheries | 4992.00         | 4192.00         | 3998.80         | 1073.20        | 5072.00         |
| <b>State sector total</b>            | <b>25200.00</b> | <b>20100.00</b> | <b>27100.79</b> | <b>3893.71</b> | <b>30994.50</b> |
| <b>Zilla Panchayat Schemes</b>       |                 |                 |                 |                |                 |
| A) 2405- Fisheries                   | 4206.65         | 4206.65         | 4207.65         | 0.00           | 4207.65         |
| <b>Total</b>                         | <b>29406.65</b> | <b>24306.65</b> | <b>30528.10</b> | <b>4674.05</b> | <b>35202.15</b> |

The details of additional allocation provided is as follows:

| Sl. No | Scheme  | Additional Allocation (Rs. in lakh) |
|--------|---|-------------------------------------|
| 1.     | Direction and Administration – 2405-00-001-0-01   | 17.87                               |
| 2.     | CSS - Blue Revolution – Integrated development and management of fisheries - 2405-00-101-0-58 | 3600.85                             |
| 3.     | Reimbursement of sales tax on diesel used by fishing boats – 2405-00-103-0-23                 | 3000.00                             |
| 4.     | CSS Savings-cum-relief scheme for marine fishermen- 2405-00-120-0-07-100                      | 1395.78                             |
| 5.     | Maintenance of link roads in coastal area (2405-00-337-0-01)                                  | 2000.00                             |

|    |   |                 |
|----|---|-----------------|
| 6. | Block grants ZP- 2405-00-196-1-01   | 1.00            |
| 7. | Renovation of fishing harbours, jetties and landing centers- 4405-00-104-0-02 | 880.00          |
|    | <b>Total</b>  | <b>10895.50</b> |

Apart from this Rs.1700.00 lakh has been provided under RKVY.

## Abstract of the financial achievement during 2020-21

### Financial Achievements

(Rs in lakh)

| Details                              | Allocation      | Release         |                |                 | Expenditure     |
|--------------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|
|                                      |                 | State Share     | Central Share  | Total           |                 |
| <b>State sector Schemes</b>          |                 |                 |                |                 |                 |
| A) 2405- Fisheries                   | 25922.50        | 23101.99        | 2820.51        | 25922.50        | 25404.33        |
| B) 4405- Capital Outlay on Fisheries | 5072.00         | 3997.80         | 1073.20        | 5071.00         | 5070.16         |
| <b>State sector total</b>            | <b>30994.50</b> | <b>27099.78</b> | <b>3893.71</b> | <b>30993.49</b> | <b>30474.49</b> |
| <b>Zilla Panchayat Schemes</b>       |                 |                 |                |                 |                 |
| A) 2405- Fisheries                   | 4207.65         | 4074.85         | 0.00           | 4074.85         | 3581.51         |
| <b>Total</b>                         | <b>35202.15</b> | <b>31174.63</b> | <b>3893.71</b> | <b>35068.34</b> | <b>34056.00</b> |

### Physical Achievements

|                      |           | Target      | Achievement |
|----------------------|-----------|-------------|-------------|
| Fish Production      |           |             |             |
| Inland               | lakh MTs  | 2.00        | <b>2.51</b> |
| Marine               | lakh Mts  | 4.10        | 3.45        |
| Total                | lakh MTs. | <b>6.10</b> | <b>5.96</b> |
| Fish Seed Production |           |             |             |
| Fry                  | Millions  | 725.00      | 754.57      |
| Fingerlings          | Millions  | 362.00      | 377.28      |

### 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 budget allocation of Rs.13500.00 lakh was earmarked and was later reduced to Rs. 10000.00 lakh. An additional budget of Rs. 3000.00 lakh was released. An expenditure of Rs.13007.57 lakh has been made to supply 82,995 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 per month.

Out of this amount Rs.314.00 lakh was re-appropriated to the following schemes.

| Sl. No | Scheme  | Amount (Rs in lakh) |
|--------|---|---------------------|
| 1.     | Establishment of North Karnataka Inland Fisheries Development centre (2405-00-101-0-67) | 25.00               |
| 2.     | Assistance for development of inland fisheries (State Sector) (2405-00-101-0-03)        | 50.00               |
| 3.     | Direction and Administration (2405-00-001-0-01- 200-Maintenance Expenditure):           | 98.00               |
| 4.     | Direction and Administration (2405-00-001-0-01- 071-Building Expenses)                  | 8.00                |
| 5.     | Direction and Administration (2405-00-001-0-01- Salary Expenditure):                    | 25.00               |
| 6.     | Direction and Administration (2405-00-001-0-01- - Vehicle Expenditure):                 | 25.00               |

|    |  |               |
|----|--|---------------|
| 7. | Subsidy on electricity used by Ice plants -2405-00-110-0-03  | 75.00         |
| 8. | Reimbursement of sales tax on diesel used by fishing boats (2405-00-103-0-23-422- Schedule Caste Sub Plan) | 8.00          |
|    | <b>Total</b>   | <b>314.00</b> |

An allocation of Rs.640.00 lakh was earmarked. An expenditure of Rs.320.00 lakh has been made to supply 82,995 kilo litres of Kerosene to 4514 boats.

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

The central Government has accorded sanction for construction of Fishing harbour at Hejamadi Kodi in 2019-20, at an estimated cost of Rs.138.60 crores and the first installment of Rs.13.86 crores has been released. An allocation of Rs.2500.00 lakh was made during the year 2020-21, Rs. 2500.00 lakh was released and an expenditure of Rs.2499.68. The details are as given below.

(Rs. in lakh)

| Sl. No | Details of work   | Sanctioned cost | Exp during 2020-21 | Cumulative expenditure |
|--------|---|-----------------|--------------------|------------------------|
| 1      | Breakwater construction at Gangolli fishing harbour- 2nd stage (75:25::C:S) | 10211.00        | 1213.43            | 10044.69               |
| 2      | Construction of Hejmadikodi fishing harbour (75:25::C:S)                    | 18084.00        | 212.91             | 262.23                 |
| 3      | Breakwater construction at Alevekodi Thenginagundi (50:50::C:S)             | 8608.00         | 1073.34            | 1073.34                |
|        |   | <b>36903.00</b> | <b>2499.68</b>     | <b>11380.26</b>        |

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

The state government has accorded approval for two new projects viz; works of second phase of the outer harbour, which is under construction at Maravanthe in Byndoor Taluk of Udupi District at a cost of Rs.85 crore and development works in Koderi fishing harbour of Udupi district at a cost of Rs. 2.00 crore.

Under this scheme, Rs.100.00 lakh was allocated in the budget. However and additional budget of Rs. 880.00 lakh was allocated in the supplementary estimate. Rs. 980.00 lakh has been released for the development and infrastructural work at Koderi fishing harbour, riverbank protection work along navigational channel at Koderi,

Gangolli diaphragm wall and ongoing works of 2020-21. Against the release an expenditure of Rs. 979.98 has been incurred. The ongoing works under this scheme are as given below.

(Rs. in lakh)

| Sl. No | Details of work   | Sanctioned cost | Expenditure   | Cumulative expenditure |
|--------|---|-----------------|---------------|------------------------|
| 1      | Construction of breakwater at Koderi (2nd stage)  | 3300.00         | 96.43         | 1382.93                |
| 2      | Reconstruction of Gangolli fishing harbour (Diaphragm wall)                                 | 1200.00         | 370.63        | 370.63                 |
| 3.     | Providing river bank protection work along the navigation channel in Koderi Fishery Harbour | 280.00          | 189.77        | 189.77                 |
| 4.     | Various works at the fishing harbors of the state under Udipi Division                      | 912.85          | 126.05        | 174.80                 |
| 5.     | Various works at the fishing harbors of the state under Karwar Division                     | 316.48          | 132.20        | 172.92                 |
| 6.     | Other expenses like fees for CRZ etc.   | 0               | <b>64.90</b>  | <b>64.90</b>           |
|        |   | <b>6009.33</b>  | <b>979.98</b> | <b>2355.95</b>         |

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

An budget allocation of Rs.2391.00 lakh was earmarked and was later reduced to Rs. 1591.00 lakh. Against a release of Rs. 1590.50 lakh an expenditure of Rs.1590.50 lakh has been made for the 9 works approved under RIDF 23 and 24 under NABARD assisted RIDF scheme. Details of the work are provided below

(Rs. in lakh)

| Sl No. | Tranche | Project Name   | Amount |
|--------|---------|--|--------|
| 1      | 23      | Extension of Fishing Jetty at Kodi Bengre in Udipi Taluk and District                                | 17.15  |
| 2      | 24      | Conversion of 15 Earthern Ponds to Masonary Ponds in Nugu Fish Farm at H D Kote                      | 50.00  |
| 3      | 24      | Conversion of 10 Earthern Ponds to Masonary Ponds in Kabini Fish Farm at H D Kote                    | 50.00  |
| 4      | 24      | Restoration of Existing Fish ponds in Harangi fish farm in Somwarpet Taluk                           | 50.00  |
| 5      | 24      | Construction of RCC Lining to Earthern ponds Nos 1 to 12 @ Menasinahally Fish Farm in Tarikere Taluk | 100.00 |
| 6      | 24      | Development work of Fish Farm at B R Project in Bhadravathi Taluk                                    | 50.00  |

|    |    |   |                |
|----|----|---|----------------|
| 7  | 24 | Construction of Auction Hall at Hangarkatte Udupi Taluk   | 8.67           |
| 8  | 24 | Construction of RCC Lining to Breeding ponds , RCC Drainage works to Narayanpura Fish Farm at Muddebihal Taluk , Vijayapura                 | 300.00         |
| 9  | 24 | Construction of RCC lining to fish ponds, fencing, main water supply, hatchery construction, road and drainage works to shivapura fish farm | 260.67         |
| 10 |    | Deposit of Funds in treasury for EE, Udupi  | 704.01         |
|    |    | <b>TOTAL</b>  | <b>1590.50</b> |

### **3.6. Dredging of fishing harbors-Centrally Sponsored Scheme (4405-00-103-1-02):**

In order to solve the problem of siltation in the fishing harbors and landing centres in the State constructed under various centrally sponsored scheme and other schemes dredging of harbors may be taken up under this scheme.

During the year 2020-21 a token allocation of Rs.1.00 lakh was made and Rs. 0.50 lakh was released. Since funds were not released from GOI, no expenditure has been made.

### **3.7. 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 2020-21 and Rs. 75.00 lakh was reappropriated from the scheme Supply of Kerosene to traditional boats and an expenditure of Rs.474.26 lakh was incurred towards providing subsidy to 184 Ice plants.

### **3.8. Maintenance of link roads in coastal area (2405-00-337-0-01):**

There are 226 fisheries link roads with a length of 366.50 Km in the three coastal districts of the State. During 2020-21, a budget allocation of Rs.200.00 lakh was earmarked and was later the budget allocation was reduced to Rs. 0.00 lakh under the scheme. However in the supplementary estimate Rs. 2000.00 lakh was provided to take up the maintenance of 29 works related to the fisheries link roads. Rs. 2000.00 lakh expenditure has been incurred.

## 4. INLAND FISHERIES

During 2020-21, 7422.18 lakh fish seed (fry) have been produced. 3145 department tanks were developed by stocking 2171.62 lakh fingerlings. Similarly, 1914 Gram Panchayat tanks have been developed by stocking 497.15 lakh fingerlings. It is estimated that 1.52 lakh MT of inland fish has been produced.

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

i) 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 cooperative societies 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.

ii) 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.

iii) 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 .

iv) Under “Shrimp and brackish water fin fish culture” scheme 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.

| Sl. No | Scheme                                     | Expenditure (Rs. In lakh) | No of tanks and area Developed (Ha) and | No of fish fingerlings stocked (in lakh) |
|--------|--|---------------------------|---|--|
| 1.     | Subsidy for purchase of fish seed          | 24.95                     | 443 (15029 Ha)                          | 226.00                                   |
| 2.     | Matsya Krishi Asha Kirana                  | 103.36                    | 86 (582.05 Ha)                          | 23.28                                    |
| 3.     | Encouragement for inland fish culture      | 317.80                    | 341 (11702 ha)                          | 234.00                                   |
| 4.     | Shrimp and brackish water fin fish culture |                           |   |  |
|        | Cage culture                               | 74.83                     | 500                                     |  |
|        | Shrimp culture                             | 26.65                     | 55 (59Ha)                               |  |
|        | <b>Total</b>                               | <b>547.59</b>             |   |  |

During 2020-21, a budget allocation of Rs.850.00 lakh was earmarked and later the budget allocation was reduced to Rs. 500.00 lakh under the scheme. Further considering the demand for the scheme Rs. 50.00 lakh was reappropriated from Supply of Kerosene to traditional boats . The total expenditure under the scheme is Rs.547.59 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 livelihood. Fishermen depending on these reservoirs and rivers are in deep trouble off late as there is a big scarcity of fish stock in these water bodies. It is essential to stock these reservoirs periodically with fast growing catla, rohu, mrigal species which do not produce a naturally replenishing stock.

Under this scheme, reservoir development is being taken up in selected reservoirs and advanced fingerlings are stocked. During 2020-21, Rs.150.00 lakh has been provided and Rs. 148.57 lakh has been utilised. Under this scheme 148.58 lakh fingerlings have been stocked in selected 37 reservoirs of the state. Details are given below

| Sl. No | District                  | Taluk                     | Reservoir           | No of fish fingerlings stocked (in lakh) | Amount    |
|--------|---------------------------|---------------------------|---------------------|--|-----------|
| 1      | Vijayapur                 | Muddebihal                | Basavasagara        | 1,053,000                                | 868,460   |
| 2      | Belagavi                  | Hukkeri                   | Ghataprabha         | 748,000                                  | 720,000   |
| 3      | Belagavi                  | Saundathi                 | Malaprabha          | 701,000                                  | 661,680   |
| 4      | Belagavi                  | Belagavi                  | Rakkaskoppa         | 199,000                                  | 189,600   |
| 5      | Belagavi                  | Belagavi                  | Markandeya          | 399,000                                  | 381,600   |
| 6      | Belagavi                  | Bailhongal                | Tigadiharinala      | 280,000                                  | 263,000   |
| 7      | Balgalkote/<br>Vijayapura | Balgalkote/<br>Vijayapura | Almatti             | 1,915,000                                | 1,800,900 |
| 8      | Dharwad                   | Kalghatti                 | Nerasagara          | 199,000                                  | 180,800   |
| 9      | Mandya                    | Srirangapattana           | K.R.S.              | 969,000                                  | 874,640   |
| 10     | Hassan                    | Beluru                    | Yagaci              | 352,500                                  | 306,000   |
| 11     | Hassan                    | Hassan                    | Hemavati            | 791,000                                  | 686,800   |
| 12     | Hassan                    | Beluru                    | Vatehole            | 277,900                                  | 243,320   |
| 13     | Chitradurga               | Molakaluru                | Rangaiyana<br>Durga | 158,000                                  | 147,200   |
| 14     | Chitradurga               | Hiriyuru                  | V.V.Sagar           | 293,500                                  | 254,000   |
| 15     | Shimoga                   | Hosanagara                | Chakra              | 300,000                                  | 255,000   |
| 16     | Chikkamagaluru            | Narasimrajapura           | Bhadra              | 920,000                                  | 784,000   |
| 17     | Shimoga                   | Shimoga                   | Tunda               | 199,000                                  | 169,200   |
| 18     | Shimoga                   | Sagara                    | Linganmakki         | 900,000                                  | 766,000   |
| 19     | Shimoga                   | Sagara                    | Talakalale          | 400,000                                  | 344,000   |

|    |                                |                     |              |         |                   |
|----|--------------------------------|---------------------|--------------|---------|-------------------|
| 20 | Shimoga                        | Shikaripura         | Anjanapura   | 289,000 | 246,200           |
| 21 | Shimoga                        | Hosanagara          | Savehakkalu  | 472,000 | 402,600           |
| 22 | Shimoga                        | Sagara              | Siruru       | 100,000 | 86,000            |
| 23 | Chitradurga                    | Hiriyuru            | Gayathri     | 162,000 | 148,800           |
| 24 | Chikkamagaluru                 | Tarikere            | Jambadahalla | 100,000 | 85,000            |
| 25 | Shimoga                        | Shikaripura         | Ambaligolla  | 388,000 | 330,400           |
| 26 | Davengere                      | Channagiri          | Shantisagara | 685,000 | 583,000           |
| 27 | Shimoga                        | Thirthahalli        | Varahi       | 298,000 | 256,400           |
| 28 | Bidar                          | Balki               | Karanja      | 300,000 | 245,000           |
| 29 | Koppala                        | Koppal              | Hirehalli    | 300,000 | 255,000           |
| 30 | Kalburgi                       | Afzalpura           | Bhimalift    | 300,000 | 245,000           |
| 31 | Kalburgi                       | Kalburgi            | Gandorinalla | 300,000 | 245,000           |
| 32 | Bellary                        | Sanduru             | Narihalli    | 200,000 | 170,000           |
| 33 | Tumkur                         | Kunigal             | Markonahalli | 297,500 | 265,000           |
| 34 | Bangalore<br>(Urban)           | Hesarghatta         | Hesargahatta | 186,000 | 172,160           |
| 35 | Tumkur                         | Chikkanayakanahalli | Borankanave  | 199,000 | 180,000           |
| 36 | Kolar                          | Bangarpette         | Behanmangala | 200,000 | 167,000           |
| 37 | Uttar Kannada                  | Mungodu             | Dharma       | 260,000 | 223,224           |
| 38 | Payment made for 2019-20 bills |                     |              |         | 6,06,000          |
| 39 | Payment made for 2018-19 bills |                     |              |         | 50,000            |
|    | <b>Total</b>                   |                     |              |         | <b>14,857,984</b> |

### **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 2020-21 a budget allocation of Rs.100.00 lakh has been made and later the budget allocation was withdrawn.

### **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 Fibre glass coracle worth Rs.10,000/-at 100% subsidy instead of a fishery requisite kit. These fibre 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.

During 2020-21, a budget allocation of Rs.350.00 lakh was earmarked and later the budget allocation was reduced to Rs. 200.00 lakh under the scheme. Out of the amount released Rs.199.71 lakh has been spent to provide fishery requisite to 1997 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 2020-21, no budget allocation was made for this scheme. 115 cases (Death: 78 cases, Rs.393.00 lakh; Boat damage: 28 cases, Rs.22.26 lakh; Net damage: 8 cases, Rs.7.13 lakh, Medical requirements: 1 case, 0.25 lakh) have been settled and totally Rs.422.64 lakh relief has been given.

### **5.2 Group Accident Insurance Scheme (2405-00-120-0-07-100)**

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 2020-21, Rs.12.28 lakh has been paid to FISHCOFED, New Delhi towards premium by the State Government to cover 2.04 lakh fishermen.

### **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 2020-21, budget allocation of Rs.50.00 lakh was made under this scheme. The state and center implement the scheme on a 50: 50 sharing basis. Rs. 716.75 lakh was released by the state and a matching share was released by GoI. An expenditure of Rs. 1433.42 lakh has been made and **34,468** fishermen have availed the benefit.

#### **5.4 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 2020-21, under this scheme provision has been made for purchase of mobile/ retail fish canteen or vehicle fresh fish sale. An allocation of Rs.40.00 lakh was made. Rs.39.19 lakh was spent for the implementation of these programmes. **8** beneficiaries have been assisted.

### **6. 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.

## **7. OTHER SCHEMES**

### **8.1 Reimbursement of differential interest to commercial banks (2405-00-195-0-01):**

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.50.00 lakh was made during the year 2020-21. Rs.50.00 lakh has been spent to clear claims of **2331** fishermen.

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

Central Government has introduced a flagship programme called Pradhan Mantri Matsya Sampada Yojana- Integrated development and management of fisheries to bring about a significant growth in the fisheries sector in the next 5 years.

In the 2020-21, a budget allocation of Rs.1100.00 lakh has been earmarked. An additional budget of Rs.3600.85 lakh was provided . Thus, a total of Rs.4700.85 lakh has been released for various programmes. Out of this, Rs.4462.72 lakh has been spent.

### *Components implemented during 2020-21*

| Sl. No. | Component   | Unit | Units Completed | Amount (Rs. in lakh) |
|---------|---|------|-----------------|----------------------|
| 1       | Brackish water Biofloc Unit-0.1ha   | No   | 6               | 57.60                |
| 2       | Brackishwater Cage culture  | No   | 26              | 42.60                |
| 3       | Construction of fish kiosk  | No   | 2               | 20.00                |
| 4       | Construction of freshwater finfish hatchery   | No   | 1               | 0                    |
| 5       | Construction of Ice Plant/ColdStorage-10 Ton Capacity   | No   | 2               | 32.00                |
| 6       | Construction of Ice Plant/ColdStorage-20 Ton Capacity   | No   | 3               | 106.51               |
| 7       | Construction of Ice Plant/ColdStorage-30 Ton Capacity   | No   | 4               | 200.00               |
| 8       | Construction of Ice Plant/ColdStorage-50 Ton Capacity   | No   | 4               | 300.00               |
| 9       | Construction of New Ponds & Inputs  | ha   | 313.35          | 1432.78              |
| 10      | Cycle with Icebox   | No   | 3               | 0.04762              |
| 11      | Deep Sea boat   | No   | 0               | 0                    |
| 12      | Fish seed rearing unit  | ha   | 5.9264          | 22.16                |
| 13      | Freshwater Biofloc Unit-0.1ha   | No   | 8               | 39.90                |
| 14      | Live Fish Vending Center  | No   | 2               | 0.00                 |
| 15      | Livelihood and nutritional support for socio-economically backward active traditional fishers' families for conservation of fisheries resources during fishing ban/lean period. | No   | 12000           | 360.00               |
| 16      | Modernization of Cold storage/Ice plants  | No   | 9               | 190.71               |
| 17      | Providing boats and fishing nets  | No   | 30              | 64.80                |
| 18      | Purchase of Insulated Vehicle   | No   | 10              | 128.00               |
| 19      | Purchase of Refrigerated Vehicle  | No   | 8               | 120.00               |
| 20      | RAS /Biofloc Unit- Large Unit   | No   | 10              | 220.00               |
| 21      | RAS /Biofloc Unit- Medium Unit  | No   | 12              | 112.64               |
| 22      | RAS /Biofloc Unit-Samll Unit  | No   | 13              | 53.40                |
| 23      | Stocking of Reservoir (lakh Fingerlings)  |      | 48.86           | 40.64                |
| 24      | Three-Wheeler With Icebox   | No   | 7               | 7.74                 |
| 25      | Two-wheeler with Ice box  | No   | 35              | 11.09                |
| 26      | Upgradation of fishing boat for export competency   | No   | 0               | 0.00                 |
|         | Deposited in NKIFDC   |      |                 | 300.00               |
|         | <b>Total</b>  |      |                 | <b>3862.63</b>       |

*Components implemented during 2020-21 from the previous years*

| Sl. No. | Component   | Unit | Amount (Rs. in lakh) |
|---------|---|------|----------------------|
|         | <b>2019-20</b>  |      |                      |
| 1       | Motorization of Traditional Craft   | 73   | 52.09                |
| 2       | Safety of Fishermen at Sea  | 118  | 17.61                |
| 3       | FRP Boats upto 10 OAL and Insulated fish and Ice Holding Box                        | 6    | 4.25                 |
| 4       | Bivalve Culture   | 12   | 1.05                 |
| 5       | Construction of New Ponds and Tanks & Inputs  | 0    | 163.54               |
| 6       | Purchase of Insulated Truck -6 ton  | 4    | 18.00                |
| 7       | Purchase of Motorcycle with Ice box   | 44   | 12.48                |
| 8       | Purchase of Insulated Truck -10 ton   | 5    | 48.00                |
| 9       | Setting of Fish Retail Outlet   | 6    | 24.00                |
| 10      | Auto rickshaw with Ice Box  | 6    | 2.80                 |
|         | <b>2018-19</b>  |      |                      |
| 11      | Renovation of Ice Plant-  | 5    | 42.28                |
| 12      | Construction of Ice Plant-50 tonne capacity M/s Matsya Marine, Malpe Udupi District | 4    | 69.19                |
| 13      | Medium cost Recirculatory Aquaculture System (RAS)- Pavana Dhanya Kumar             | 1    | 8.60                 |
| 14      | GIFT Tilapia  |      | 100.00               |
| 15      | Solar electrification of farms  |      | 71.73                |
|         | <b>Total</b>  |      | <b>291.80</b>        |

### **8.3 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 2020-21, Rs.2778.00 lakh was provided under the budget, Rs.106.00 lakh was allocated through reappropriation from the scheme Supply of Kerosene to traditional boats and Rs. 17.87 lakh was provided under additional budget. An expenditure of Rs.2684.22 lakh has been incurred.

#### **8.4. Rashtriya Krishi Vikasa Yojana:**

Under Rashtriya Krishi Vikasa Yojana, an allocation of Rs.1700.00 lakh was provided during 2020-21 to implement the following programmes

| <b>Sl No.</b> | <b>Name of the Project</b>  | <b>Cost of the Project (Rs in lakh)</b> |
|---------------|---|---|
| 1             | Upgradation of Menasinahalli, Nugu, Mulki, Hidkal, Kabini, Tippaganahalli Fish Seed Production Farms in Karnataka | 900.00                                  |
| 2             | Modernization of Department nurseries in the state (30 nurseries)   | 300.00                                  |
| 3             | Upgradation of training centre, at Bethamangala, kolar in Karnataka   | 300.00                                  |
| 4             | Establishment of Cold Chain -Insulated Van - 2Ton Capacity (8 vans)   | 200.00                                  |
|               | <b>Total</b>  | <b>1700.00</b>                          |

During 2020-21, Rs.1700.00 lakh was released and Rs.1700.00 lakh has been transferred to the implementing agency to execute the work.

#### **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 2020-21, Rs.300.03 lakh has been provided under this scheme and Rs.241.70 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 2020-21 was Rs.676.05 lakh and the total expenditure to implement the above programmes was Rs.621.83 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.

An expenditure of Rs.173.77 lakh has been incurred against the budget provision of Rs.180.00 lakh under this scheme during 2020-21.

### **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.100.00 lakh was made for exhibition and training, out of which Rs.89.80 lakh has been spent in 2020-21.

### **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 2020-21 is Rs.2950.57 lakhs and an expenditure of Rs. 2454.41 lakh has been incurred under this scheme.

The financial progress achieved 2020-21 in respect of Zilla Panchayat schemes are as follows.

(Rs. in lakh)

| <b>Sl. No.</b> | <b>Scheme</b>   | <b>Budget Allocation</b> | <b>Expenditure</b> |
|----------------|---|--------------------------|--------------------|
| 1              | Construction of fisheries buildings and facilities and maintenance. | 300.03                   | 241.70             |
| 2              | Assistance for development of inland Fisheries                      | 676.05                   | 621.83             |
| 3              | Assistance for construction of markets and fish marketing           | 180.00                   | 173.77             |
| 4              | Exhibition and Training   | 100.00                   | 89.80              |
| 5              | District and other staff  | 2950.57                  | 2454.41            |
|                | <b>Total</b>  | <b>4206.65</b>           | <b>3581.51</b>     |

## 10. Expenditure and Revenue

The expenditure and revenue particulars of the Department under various schemes for 2019-20 and 2020-21 are as follows:

(Rs. in lakh)

| <b>Sl. No</b> | <b>Scheme</b>                             | <b>2019-20</b> | <b>2020-21</b> |
|---------------|---|----------------|----------------|
| 1.            | Expenditure under State Sector Schemes    | 27862.10       | 30474.49       |
| 2.            | Expenditure under Zilla Panchayat schemes | 3706.60        | 3581.51        |
| 3.            | Revenue Receipts                          | 1985.27        | 1920.82        |

Director of Fisheries