



# WORLD FISHERIES DAY – 2020 AWARDS

## The best Marine District in India - Krishna District, Andhra Pradesh

Krishna district ranked first in fish and prawn production in Andhra Pradesh with an output of 8.00 lakh tonnes in 2019-20. The district bagged “Best Marine District” award on World Fisheries Day 2020

Krishna district of Andhra Pradesh occupies a very important place in freshwater aquaculture, marine and inland fisheries activities. It has 111 kms length of coastline along Kolleru fresh water lake, Krishna river and Krishna River back waters; 66,000 ha of aquaculture in both freshwater and brackish water; 1,500 irrigation and Gram Panchayat tanks and 365 Fishermen Cooperative societies in the district. The district is endowed with production of 12,00,000 tonnes adding 15,000 crores GVA to the aqua sector of the state.

### KEY INITIATIVES UNDERTAKEN:

Since 2017-18 FY. the Fisheries department of Krishna District has distributed 685 fish vending units, fishing nets, fishing boats and insulated vehicles, shore-based facilities, sea safety equipment for the welfare of the beneficiaries.

The department has constructed one Re-circulating Aquaculture Systems (RAS), 3 Biofloc units, 5 crab culture units in HDPE boxes and 10 cage culture units in Krishna river back waters for enhancing fish production & productivity. For hygienic food supply, the department established 3 live fish marketing vending units

The department has also constructed 50 sea bass seed rearing units with live feed for assured seed supply for production in ponds and sea bass culture. Further, constructed 20 Vannamei nursery units to increase the survival rate of the seed and reduce the losses during the culture. In convergence with the Rural Development Department, laid approach roads to fish ponds and fish drying platforms under Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS).



### INTERVENTIONS FOR ADVANCED PRODUCTION:



For enhancing fish seed production in the last 3 years, the Department has established one fin fish/shrimp hatchery and 10 shrimp seed rearing units which has produced 10.00 lakh tonnes of Fry, 5.00 lakh tonnes of Fingerlings and 2 fish seed rearing units from which 2 lakh tonnes of Fry and 1 lakh tonne of Fingerlings were produced in the last 3 years. Additionally, 135 captive fish seed rearing ponds were constructed through which 50 lakh tonnes of fingerlings were produced during the

period. It has constructed 10 fish/shrimp rearing ponds, 40 seaweed culture units, 4 RAS/Biofloc systems and 10 Open sea cage culture units.

Utilising its total water spread area of 2,72,825 hectares, the district has produced 35.92 lakh tonnes of table fish in the last 3 years out of which, 5.41 lakh tonnes were sold within the district and 30.51 lakh tonnes outside the district.

### **WELFARE ACTIVITIES:**

The fisheries department of Krishna has processed 141 Kisan Credit Cards (KCC), provided rebate to 1,725 fishermen on high-speed diesel for marine fishers, and provided ban period relief to 22,518 fishers and revolving fund to 1,000 fisherwomen farmers through fisherwomen cooperatives. It has also registered 1,182 fishing vessels for the beneficiaries to avail the benefits of insurance.

### **INSTITUTION AND CAPACITY BUILDING PROGRAMMES:**

The Department had organised:

- Capacity building programmes on the usage of Potential Fishing Zone (PFZ) dissemination devices to 9,025 beneficiaries.
- Created awareness on sea safety measures for 250 beneficiaries.
- Created awareness on disaster (cyclone) management measures for 400 beneficiaries.
- Organised 377 fishermen into fisheries cooperative societies.
- 89 fisherwomen organised into fisheries cooperative societies.
- 325 Fishermen Cooperative Societies & Fisherwomen Cooperative Societies were audited until 2019-20.
- 435 trainings & awareness programmes and exposure visits were conducted in the last 4 years.
- 13,050 fishermen, fisherwomen, project staff, line department staff, elected representatives have undergone trainings in the last 4 years.



### **IMPACT OF THE NEW SCHEMES AND TECHNOLOGIES:**

By adopting technological interventions and implementing various state and central government schemes, the district has achieved 20% increase in water spread area for aquaculture and production of fish and shrimp. The state has also generated 30% employment opportunities in the fisheries sector for the youth in the communities. Participation of fisherwomen in income generation activities through fisheries-based livelihood activities (making solar dry fish, pickles and making other value-added products) has increased by 25%.



### **BEST FISHERIES PRACTICES IN THE DISTRICT:**

Some of the best practices followed by the district are:

- Promotion of sustainable aquaculture with innovative practices.
- Conservation of natural fisheries resources by implementing marine fishing ban.
- Adoption of innovative practices to increase fish and shrimp production.

### **SPECIFIC ACHIEVEMENTS / AWARDS & RECOGNITION:**

- Krishna district has booked 46,000 ha in e-Fish Aqua Crop booking with NIC software, which is the highest in the state.
- Promoted Mastya Sagubadi (Farming Extension Training Programme from Entrepreneur Farmers) in 100 locations in the district.
- Established *Mystus seenghala* (Gulia fish) backyard hatchery and other species at Nagayalanka in AVANIGADA division to promote cluster backyard hatchery concept with technical collaboration with ICAR-CIBA Chennai.
- During COVID-19 restriction period, to eliminate distress harvesting, the department has facilitated shrimp procurement on rates fixed by the government and also issued 1,650 vehicle passes (March to September 2020) to the vehicles used for aquaculture activities for transport of feed, ice, fish & shrimp seed, etc from Feed Mills, Hatcheries, Ponds, processing plants to facilitate hassle free transportation of fish and fishery products.
- Created awareness to fishermen on PFZ maps with the help of village fisheries assistants in marine villages.
- Regular monitoring of convergence initiatives taken up with MGNREGS in Krishna district with an outlay of Rs.15 crores.

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