

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF FISHERIES

LOK SABHA

ADMITTED QUESTION No. 313
TO BE ANSWERED ON 19TH JULY, 2022

Incorporation of Scientific Methods of Fishing

313. SHRI ANURAG SHARMA:

Will the Minister of **FISHERIES, ANIMAL HUSBANDRY AND DAIRYING**
मत्स्यपालन, पशुपालन और डेयरी मंत्री be pleased to state:

- (a) the details of ways through which the Government can incorporate scientific methods to improve fisheries quality as well as production for export and domestic use purposes; and
- (b) the other steps taken by Government in this regard?

ANSWER

THE MINISTER OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING:

(SHRI PARSHOTTAM RUPALA)

(a): The fish production for domestic and export market may be improved by adopting horizontal and vertical expansion of pond-based aquaculture in freshwater and brackish water systems with commercially important finfish/shellfish species, shrimp farming in inland saline waters, farming of coldwater species in raceways, farming of high-valued species through modern farming practices, open-sea cage culture, cage & pen culture in inland open-waters, integrated fish farming etc. Further, incorporation of improved stocks viz., selective-bred rohu, catla & freshwater prawn in farming systems, use of quality feeds and required fish health management tools will be other management measures for improving production and productivity in different culture systems. Dissemination of need-based fisheries and aquaculture technologies through training & demonstration may be undertaken for wider adoption. Fisheries quality can be improved by imparting knowledge to fishermen, fisherwomen, processing workers, technicians, other fishery stakeholders etc. on fish quality management, conservation of fish resources and sustainable fishing.

(b): The Government of India through its various programmes and schemes are taking several steps. Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying through its flagship scheme “Pradhan Mantri Matsya Sampada Yojana (PMMSY) – with an investment of Rs. 20,050 crore is supporting technology infusion along the value chain for enhancing fish production and productivity, quality and hygiene and modernization and strengthening the supply and value chain. Under PMMSY, government is promoting adoption of new and better technologies in production and post-harvest management including High-density aquaculture in ponds, Re-circulatory Aquaculture System (RAS), Bio-floc, aquaponics, cage culture, nano-feed, live feed technology, Block chain, value addition, quality preservations and marketing etc.

In addition, Government of India is taking steps towards strengthening of safety and security of fishermen by providing safety kits and by providing boats and PFZ devices. Further, the Government supports the proposals for Certification, accreditation, traceability and labelling and for Aquatic Animal Health laboratory including mobile unit. Government is conscious of developing domestic fish market for providing cheap nutrition for its people and accordingly nationwide campaigning are being done on Domestic Fish Consumption through Jingles, posters, & IEC materials. In addition, trainings & capacity building workshops, exhibitions etc are being conducted on a regular basis through States/UTs to create awareness in the country on new technologies and practices. Also, sea and river ranching programs are being carried out in the country to sustain and conserve the biodiversity in the water bodies to increase the fish production and rebuilding the depleted stocks.
