

**ICAR-CIFE Organizes an Awareness-cum-Exhibition Programme on
'Aquaculture as a Potential Livelihood Option for Tribal Communities'
(Under Tribal Sub-Plan)**

A multidisciplinary team of Scientists from ICAR-Central Institute of Fisheries Education (ICAR-CIFE) organized an awareness-cum-exhibition programme on 'Aquaculture as a potential livelihood option for tribal communities' under tribal sub-plan at Krishi Vigyan Kendra (KVK), Narayangaon (Pune) on 19th September, 2021 by following all covid-19 precautionary measures and guidelines issued by Maharashtra Government. The purpose of organising awareness-cum-exhibition programme was to make tribal communities aware about small scale aquaculture and fish farming schemes under Pradhan Mantri Matsya Sampada Yojana (PMMSY), etc. The programme was organised through online as well as offline mode. The programme was attended by 153 participants consisting of 119 tribal farmers (Male-116, Female-3) from 25 villages of Junnar block, 27 KVK staff, 7 ICAR-CIFE Scientists and 3 State Fisheries Department Officials.

The programme was designed as per the vision of Dr. Gopal Krishna, Director, ICAR-CIFE, Mumbai reaching to unreached and promoting fish farming as a potential livelihood source at grass root levels. The welcome address was delivered by Dr. Prashant Shete, Programme Coordinator, KVK, Narayangaon. In the inaugural address, Dr. S. N. Ojha (HoD, FEES Division, ICAR-CIFE, Mumbai) highlighted the importance of water and land in the life of tribal communities. He stressed upon the unexplored potential of water bodies existing in the tribal belt of Junnar (Pune) for fish farming and how tribal communities can take up fish culture as their source of livelihood. Dr. Shivaji Argade (Scientist) briefed about the purpose, structure, evaluation and post-programme activities of the programme. Dr. Kapil Sukhdhane (Scientist) delivered a talk on 'Aquaculture in farm ponds'. He discussed the Five 'W' and One 'H' of pond fish farming. Dr. Karankumar Ramteke (Scientist) deliberated on 'Fish harvesting gears and crafts'. Dr. Manoj Pandit Brahmane (Principal Scientist) talked on the 'GIFT Tilapia Culture' which was highly appreciated by the participants. Further, Mr. Bhaskar Sanap, Assistant Fisheries Development Officer (Junnar) informed about provisions under PMMSY for promoting fish farming. Mr. Dhanesh Padwal (KVK) discussed about fish marketing strategies and value added fish products to earn good profit from fish farming. The vote of thanks was proposed by Dr. Ankush Kamble (Scientist). On this occasion, Poshan Bagh (Nutri-Garden) Kits (containing vegetable seeds grown throughout the year) were distributed to all the trainees. The programme news was covered by Agrowon (Sakal) which is world's first ever daily on Agriculture on 28 March, 2021.

Participant's Feedback

The feedback forms filled by participants were analysed. Total 96 feedback forms were considered for final feedback analysis. The brief findings of feedback analysis are mentioned below;

The majority (96.90%) trainees were male. About 54.20% of trainees were below 35 years. Almost half (45.90%) trainees were graduates and post graduates. Only 17.70% trainees reported that they were having a farm pond. About 81.30% trainees wished to start fish farming. About 91.70% trainees attended fish farming related training for the first time. The majority of trainees participated in the training with the purpose of 1) acquiring technical knowledge for starting of fish farms and 2) looking for alternative livelihood and employment options.

The key lessons learnt by participants were 1) basics of fish farming, fish harvesting, fish farm management and fish marketing; 2) provisions under PMMSY; 3) GIFT Tilapia production in short duration; 4) value added fish products and marketing.

The major needs perceived by the trainees were 1) provision of fish seed, feed and fish harvesting nets to start fish farming (70.80%); 2) providing financial assistance for farm pond construction (62.50%) and 3) establishment of fish hatcheries in nearby localities (39.60%).

The suggestions to improve training effectiveness given by trainees were 1) inclusion of practical demonstrations and field visits to successful fish farms (71.90%); 2) organizing regular follow-up and need specific training to ensure wider adoption (61.50%); 3) sharing of experiences by successful fish farmers and aquapreneurs during training (56.30%); 4) increasing of training duration to 3-5 days (41.70%) and 5) organising training on effective fish marketing and value addition (24%).

The majority of trainees were given Excellent (50%) followed by Very good (39.60%) rating for training arrangement & applicability.



Figure 1. Participants of Awareness-cum-Exhibition Programme



Figure 2. Online inaugural address by Dr. S. N. Ojha, HoD FEES, Division



Figure 3. Group Photo



‘आदिवासींना मत्स्य शेती हा उदरनिर्वाहाचा उत्तम पर्याय’

अॅग्रोवन वृत्तसेवा

पुणे : “गेल्या काही दिवसांपासून मत्स्यशेतीचे महत्त्व वाढत आहे. त्यामुळे शेतकऱ्यांसह, अनेक व्यावसायिक व्यक्ती, संस्था याकडे वळत आहेत. आदिवासी समाजासाठी मत्स्यशेती उदरनिर्वाहाचा एक उत्तम पर्याय आहे,” असे मत केंद्रीय मत्स्य शिक्षण संस्थेचे विस्तार प्रमुख डॉ. एस. एन. ओझा यांनी व्यक्त केले.

केंद्रीय मत्स्य शिक्षण संस्था आणि नारायणगाव कृषी विज्ञान केंद्रातर्फे आदिवासी उपयोजनेअंतर्गत एकदिवसीय मत्स्य शेती, जनजागृती, सह-प्रदर्शन कार्यक्रम नुकताच झाला. डॉ. कपिल सुखधने, डॉ. शिवाजी अरगडे, डॉ. अंकुश कांबळे, केव्हीकेचे प्रमुख प्रशांत शेते, धनेश पडवळ, डॉ. करण रामटेके यांच्यासह ११० आदिवासी शेतकरी उपस्थित होते.

डॉ. ओझा म्हणाले, “तळागाळातील सर्व आदिवासी समाजासाठी उदरनिर्वाहाचा



स्रोत म्हणून मत्स्यपालनास प्रोत्साहित करणे व मत्स्यशेती वाढीस लागणे या दृष्टीने कार्यक्रमाचे आयोजन केले आहे. आदिवासी समाजाला गोड्या पाण्यातील मत्स्य पालन, त्यासाठी योग्य जातीची निवड, शेततळ्याची निर्मिती व काळजी, माशांचे खाद्य व्यवस्थापन तसेच त्या संदर्भातील विविध योजना आहेत.”

शेते म्हणाले, “मत्स्य शेतीसाठी केव्हीकेतर्फे मत्स्यबीज निर्मिती करून उत्तम प्रतीच्या मत्स्यबीजाचा पुरवठा केला जाईल. त्याचा फायदा आदिवासी शेतकऱ्यांसह इतर शेतकऱ्यांनी घ्यावा. त्यामुळे शेतकऱ्यांच्या उत्पन्नात वाढ होईल.” डॉ. शिवाजी अरगडे यांनी सूत्रसंचालन केले. डॉ. अंकुश कांबळे यांनी आभार मानले.

Figure 4. News Coverage by Agrowon- World's first ever daily on Agriculture



Questions Responses 96

96 responses



Accepting responses

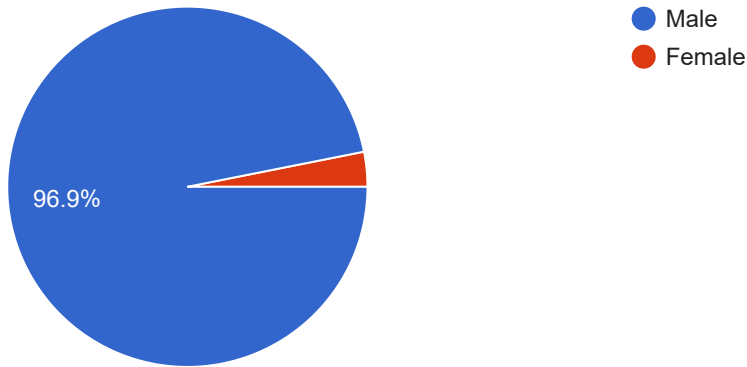
Summary

Question

Individual

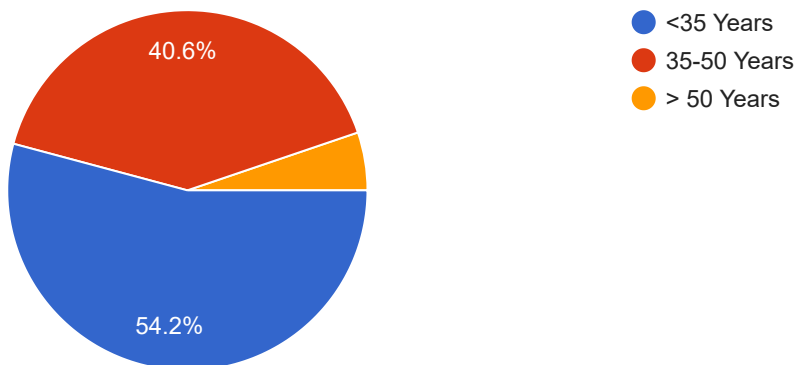
Sex

96 responses



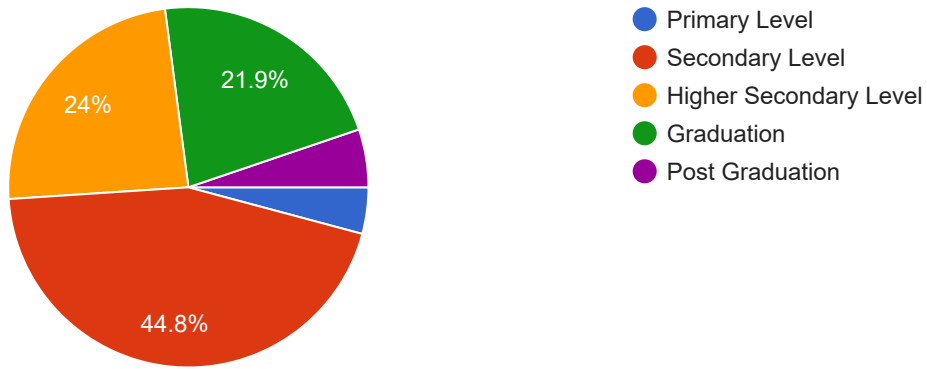
Age

96 responses



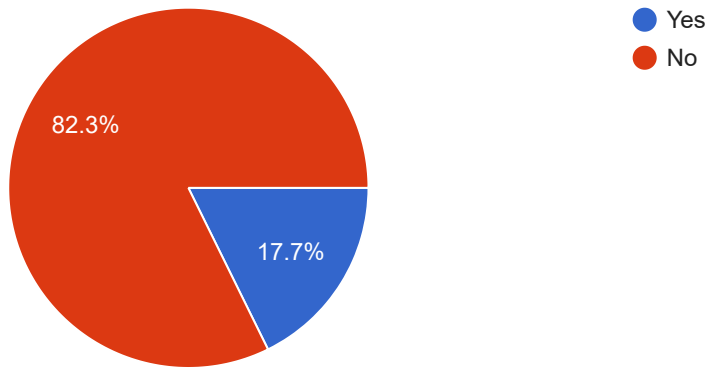
Education

96 responses



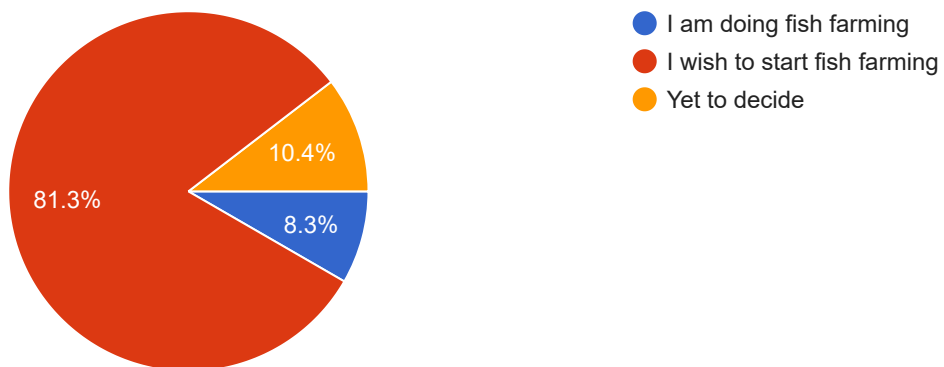
Do you have farm ponds/s?

96 responses



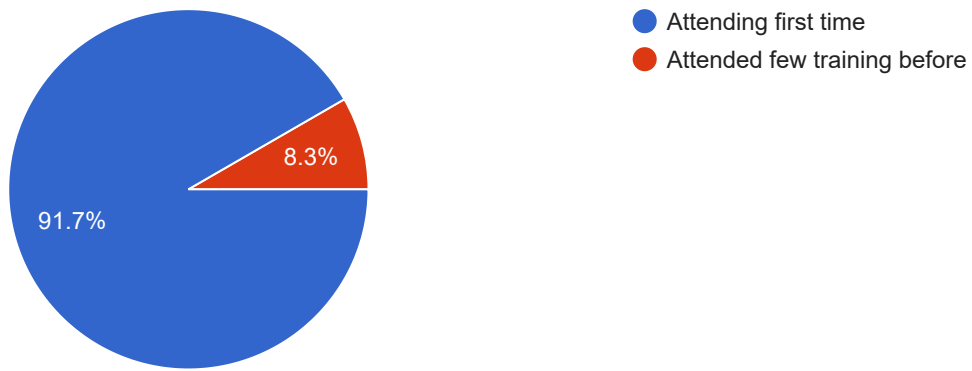
Status of fish farming

96 responses



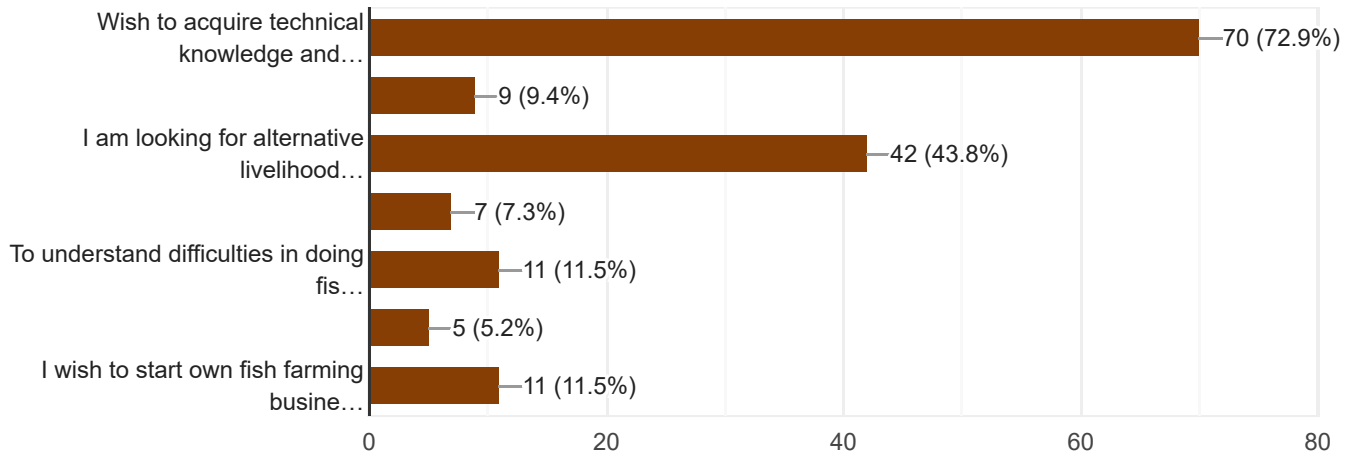
Fish farming training attended status

96 responses



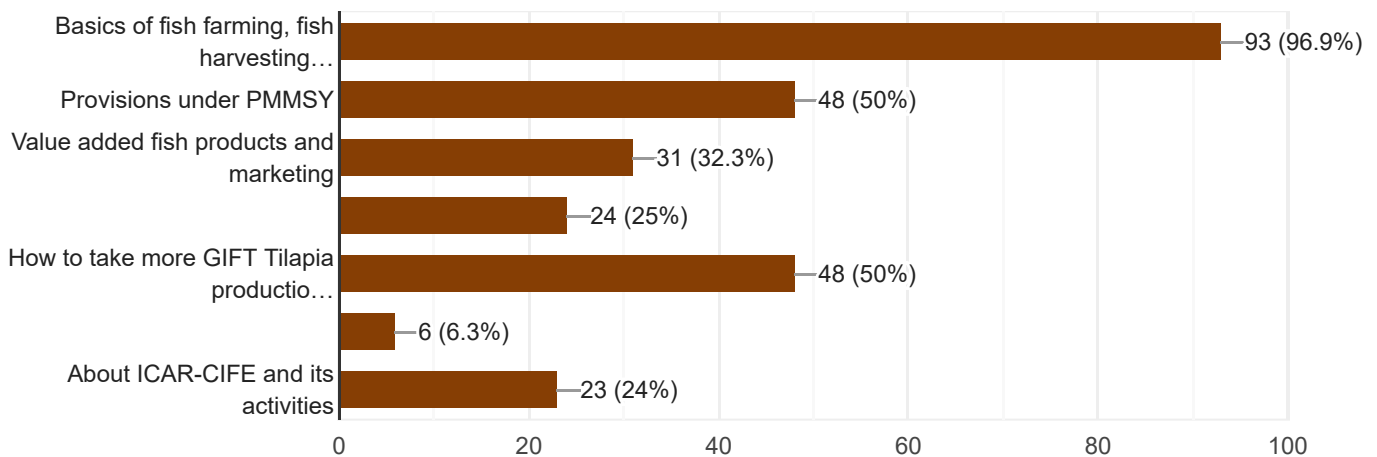
Purpose of attending training

96 responses



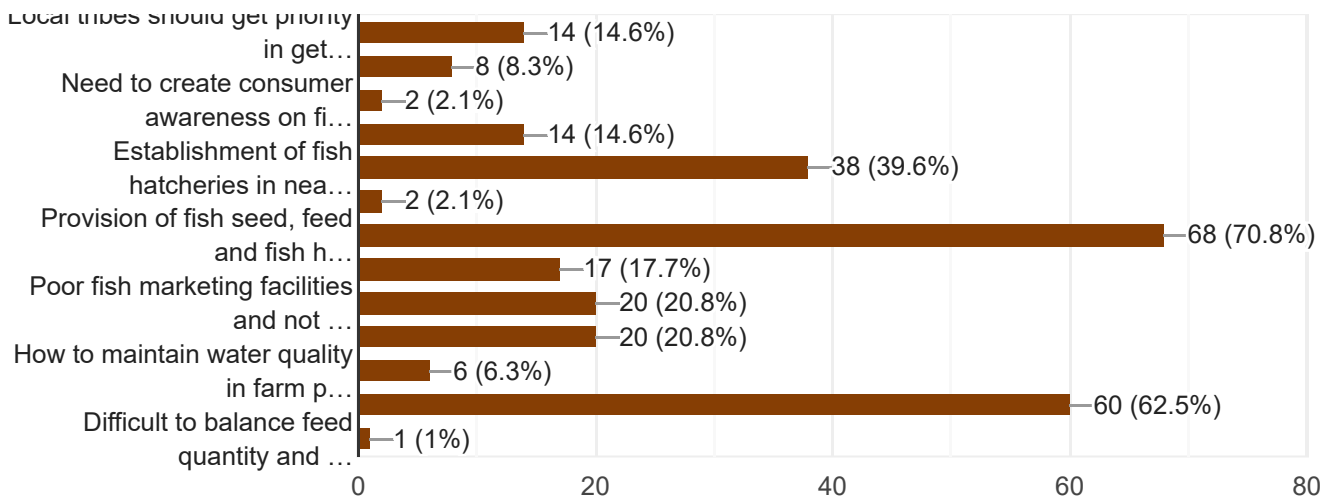
Key learnings from training

96 responses



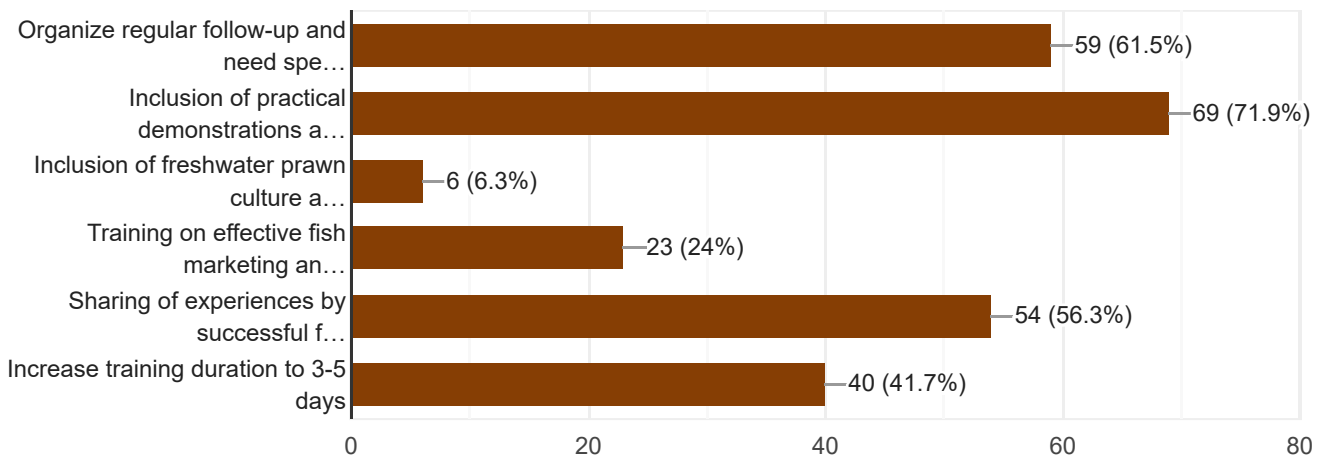
Needs related to fish farming

96 responses



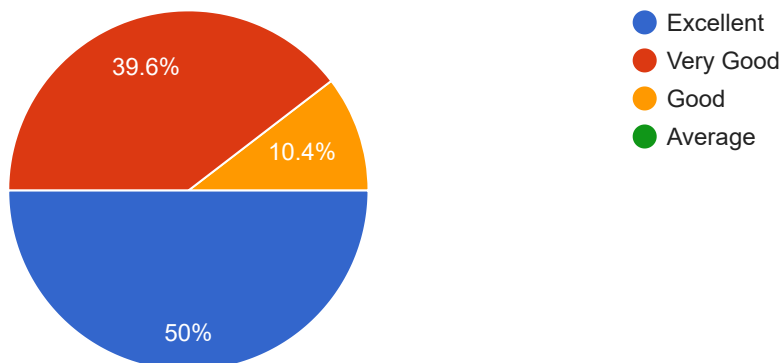
Suggestions to Improve training effectiveness

96 responses



Give your rating for training arrangement and training applicability

96 responses



Give your rating on trainers knowledge and skill

96 responses

