



REPORT OF CAPACITY BUILDING FISHERIES TRAINING TO FARMERS
FROM ALLURI SITHARAMA RAJU DISTRICT, ANDHRA PRADESH ON
“FISH ENTERPRISES DEVELOPMENT”

ORGANIZED DURING 19 – 20 APRIL, 2024 IN ARAKU VALLEY, ANDHRA PRADESH
UNDER **SABAL PROGRAM SUPPORT**

Drafted by Ms. Priyanka Patra, Program Officer (Fisheries), WASSAN

A two-day skill development training program on “Fish Enterprises Development” was organized under SABAL program support at Araku valley, Telangana during 19-20 April 2024. A total of 22 numbers of participants from 7 mandals of the ASR district and Vizianagaram. (*Enlisted in the Table - 1*). The list of participants is *annexed*.

THE OBJECTIVE OF THE TRAINING

- Understanding the importance of adopting rainfed fish farming.
- Culture Practices of IMCs & EMCs (Rearing & Grow Out Culture).
- Eco-Farm Pond Concept and bund intensification.
- Method demonstration at the farm pond site (Harvesting & water quality parameter testing).



List of the Participants (Mandal wise)

SI No	Name of the Mandal	Number of participants
1.	Dumbriguda	7
2.	Araku Valley	4
3.	G Madugula	3
4.	Hukumpeta	2
5.	Gangavaram	3
6.	Kurupam	2
7.	Paderu	4
Total		25

Day 1 Proceedings

The program began with a welcome address and a narration of the objective of the training program by Mr Damodhar followed by a brief introduction by the participants with their expectations from the training program.

Dr M L Sanyasi Rao, *Associate Director, WASSAN* started the session with a group activity, the participants were divided into three groups mandalwise. They were assigned to list the details of existing practices, species cultured, pond sizes, total harvest and income.



He delivered a session with Mapping, clustering of GPs and implementation pattern of the fisheries project in ASR district as a rainfed fish culture initiative. The model focuses on encouraging rearing and grow-out practices depending on the selection criteria and suitability of the pond.

Smt. T. Bhagyalaxmi, VFA, Dept of Fisheries explained about the ongoing schemes and suitable culture practices in the locality. She also expressed her willingness to extend support for the mobilization of fish farmers.

The session was followed by the group activity where the participants were divided into three groups. They were asked to calculate the feed requirement for different months during the culture of fish. A detailed discussion was held on the method of calculation of feed quantity, % of feed to be given according to the total biomass of the pond, composition of fish feed, and nutritional requirement.

The participants were given a manual (in Telugu language) describing in detail Fish Farming Techniques.

Day 2 Proceedings

An exposure visit to the Eco-farm pond of Mr Boyi Budra, a farmer from Garudaguda Village, Pedalabdu GP was arranged.

Fish harvesting - Materials required:

- Weighing Machine and measuring scale to observe the growth and weight of the fish
- 4-5 Fish feed types (locally available)
- Cow dung (to prepare slurry and demonstrate)
- Hapa Net to keep the harvested fishes
- Drag Net for fish harvesting
- 3-4 buckets to put the different species separately after the harvesting

SI No.	Name of the Fish species	Weight of the species (Avg) in gm
1	Catla (8)	87
2	Rohu (10)	122
3	Common carp (1)	598

Observations

The weight of the fish indicated less growth of the fish.

Common carp growth was favorable in 9 months (Carp can reach 0.6 to 1.0 kg body weight within one season in a composite culture system). The reason may include that it is flexible in feed habits (Omnivorous & bottom feeder) and can switch to the alternate diets available. It feeds on benthic worms, insects (including their larvae and pupae), micro invertebrates, tender parts of plants.

The farmers were shown locally available feed types i.e. Rice bran, Coconut Oil Cake, GNOC, and Sunflower oil cake for identification. The broadcasting method of feeding practices were demonstrated on the pond. Dry, powdered feeds can be broadcast onto the pond surface.

A detailed discussion on learnings of field visits followed by the narration by Ms. Priyanka on the importance of soil and water quality and management measures in fish culture, pre-post stocking managements, suitable pond conditions, harvest, selection of feed type, fish species & fish growth.

THE REASONS MAY INCLUDE

- Lack of proper management (post-stocking management & sufficient feeding)
- Presence of predator fish (as the periphery of the pond was not strengthened and observed holes)
- Fear of theft
- Less number of stocking
- Poor survival ability



Mr Damodar briefed on the essence of Record Keeping to check the periodic growth, and details of fish and bund culture by showing the record keeping cards. Eco Intensification

A few Videos on the method to acclimatize the fish seed before stocking, netting, the best practices, and good harvest were displayed.

Mr Narsing has explained on the 5-layer model of eco-intensification of the farm pond and plantations on the bunds. Farm ponds can save crops during dry spells and farmers can irrigate less water-consumed crops like Millet and vegetables during rabi season.



At the end of the program, Mr Naidu collected farmers' feedback, the list of issues was noted down and appropriate measures were discussed by the expert.

The training program ended with a vote of thanks by Dr Vesavila.

Way forward

The GP Coordinators and district staff were briefed on the work plan to carry out the activities in consultation with the team. The pre-stocking management and pond preparation will be initiated before a month of stocking of fish fingerlings.

List of VAFs to be shared by Smt Bhagyalaxmi and a WhatsApp group to be created with VAFs, Dept of Fisheries and WASSAN Internal team for further coordination on fisheries activities.

The management practices will be followed by the farmers. Regular monitoring and follow-up to be ensured by the team.

For more information, please write to

Ms. Priyanka Patra,

Program Officer (Fisheries)

Watershed Support Services and Activities Network (WASSAN)

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Annexure | List of Participants

Attendance of Participants

Master Trainers'(ToT) - Training Program on "Fish Enterprise Development in the Eastern Ghats of Andhra Pradesh

Venue: Ushodaya, Araku Valley

Date: 19-20 April

S no	Name of the participant	District/Designation	Mandal	Cluster	Village	19-Apr-24	20-Apr-24
1	Ramboi Simhachalam	ASR	Dumbriguda	Sovva	Panasavalasa	<i>R. Ramesh</i>	<i>R. Ramesh</i>
2	Korra Laikon	ASR	Dumbriguda	Korrai	Chinna anjoda	<i>K. Laikon</i>	<i>K. Laikon</i>
3	Boyi Mohan Rao	ASR	Araku valley	Pedalabudu	Garudaguda	<i>B. Mohan Rao</i>	<i>B. Mohan Rao</i>
4	Boyi. Budra	ASR	Araku valley	Pedalabudu	Garudaguda	<i>B. Budra</i>	<i>B. Budra</i>
5	VandlabuDemulluna idu	ASR	G Madugula	Singraba	Goddubusulu	<i>V. Demulluna</i>	<i>V. Demulluna</i>
6	Tube Chinnarao	ASR	G Madugula	G madugula	Karakapalli	<i>T. Chinnarao</i>	<i>T. Chinnarao</i>
7	Gollori Devagun	ASR	Hukumpet	Kotnapalli	Masada	<i>G. Devagun</i>	<i>G. Devagun</i>
8	Allam Chinnareddy	ASR	Gangaravam	Mohanpuram	Sarabavaram	<i>A. Chinnareddy</i>	<i>A. Chinnareddy</i>
9	Chekka Abbareddy	ASR	Gangaravam	Jaderu	Jaderu	<i>Ch. Abbareddy</i>	<i>Ch. Abbareddy</i>
10	P Chandrayya	ASR	Kurapam	Kondabaridi	Kondabairi	<i>P. Chandrayya</i>	<i>P. Chandrayya</i>

S no	Name of the participant	District/Designation	Mandal	Cluster	Village	19-Apr-24	20-Apr-24
11	Manikumar	CC	KURUPAM	Kondabaridi	Kondabairi	<i>M. Kumar</i>	<i>M. Kumar</i>
12	Nagaraju	GP Coordinator	<i>Paderu</i>	Paderu	Suleepeth	<i>N. Nagaraju</i>	<i>N. Nagaraju</i>
13	Raghunadh	GP-Coordinator	<i>Dumbriguda</i>	Sovva	Korakavase	<i>P. Raghunadh</i>	<i>P. Raghunadh</i>
14	NavaganaMurthy	GP-Coordinator	<i>Hukumpeta</i>	Kotnapalli	pedaguruni	<i>K. Navagana</i>	<i>K. Navagana</i>
15	Laxman	CC	<i>Gangaravam</i>	Jaderu	Jaderu	<i>B. Laxman</i>	<i>B. Laxman</i>
16	Prakash	CC	<i>G. Madugula - M. Nittapattu</i>	M Nittapattu	M. Nittapattu	<i>G. Prakash</i>	<i>G. Prakash</i>
17	ThavitiNaidu G	Program officer	<i>Paderu</i>	Paderu	-	<i>G. Thaviti</i>	<i>G. Thaviti</i>
18	Damodhar	Program associate		Paderu	Paderu	<i>G. Damodhar</i>	<i>G. Damodhar</i>
19	VesavilaAchalla	Program manager		Paderu		<i>V. Achalla</i>	<i>V. Achalla</i>
20	Priyanka Patra	Program officer		Vizag		<i>P. Priyanka</i>	<i>P. Priyanka</i>
21	Dr. ML Sanyasi Rao	Associate Director		Vizag		<i>Dr. M. Sanyasi Rao</i>	<i>Dr. M. Sanyasi Rao</i>
22	T. NarsingRao	Program officer	<i>VSKP</i>	Vizag	<i>VSKP</i>	<i>T. Narsing Rao</i>	<i>T. Narsing Rao</i>

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S no	Name of the participant	District/Designation	Mandal	Cluster	Village	19-Apr-24	20-Apr-24
23	Bhagyalaxmi, T Dept. of Fisheries	VFA					
24	D Krishnarjun	Program Associate	Dumburjuda	Araku	Araku	D. Krishnarjun	D. Krishnarjun
25	Prasanth	Program Associate	Araku valley	Araku	Araku valley	P. Prasanth	P. Prasanth
26	P Jayaram	Program Associate	Dumburjuda	Sagara	Arjuda	P. Jayaram	P. Jayaram
27	S Apparao	Program Associate	Dumburjuda Guda	Araku	Araku	S. Apparao	S. Apparao
28	K Nanibabu	Farmer	ArakuValley	pedabhetu	Ganjaigud	K. Nanibabu	K. Nanibabu
29	Rakesh	internship	Dumburjuda	Araku	Araku	R. Rakesh	R. Rakesh
30	M. Santosh	Driver	WP	-	-	M. Santosh	M. Santosh

Fish Harvesting & Field Demonstration



Exposure Visits
to Eco-Farm pond, Garudaguda, Pedalabdu



Group Photo

TRAINING PROGRAM ON “FISH ENTERPRISES DEVELOPMENT”