



C A R D

**CENTRE FOR AGRICULTURE AND RURAL DEVELOPMENT**

*Committed to Farmers' Prosperity*

# Training Programme on **FISHERIES** **ENTREPRENEURSHIP**

Agri-Clinic & Agribusiness Training Centre, Behind BKT Cold Storage,  
Suraj Hostel, Bakshi ka Talab, Lucknow, Uttar Pradesh

**Duration - 5 Days**



[www.card.org.in/bhagidari](http://www.card.org.in/bhagidari)

## Background:

Fisheries sector in India has transformed itself from mere traditional pond-based fishing in non-coastal areas to the induction of newer technologies like RAS and Biofloc. The traditional IMC culture has also now equipped with new technologies for better production and marketing. The fisheries sector has offered encouragement to the rural youth to take up this activity as an entrepreneurial opportunity and safeguard their livelihood. The enormous potential in fisheries and also an assured market would create self-employment on a big scale.

However, proper training and hand-holding for around the year to scale up the business are not being offered, which has resulted in the unintended quitting of the fisheries business. The youth who are starting up their fisheries business without training, in the majority of the cases are being failed.

Skill development and entrepreneurship efforts across the country have been highly appreciated. Therefore, Centre for Agriculture and Rural Development (CARD) would be organizing a five days training programme on Fisheries Entrepreneurship. The entire training programme would be a Residential Training

The purpose of the project is to attain livelihood security and improve the quality of life of unemployed rural youth through the Residential Skill Development Training program

## About the Organizer :

Centre for Agriculture and Rural Development is a premier organization accredited by MANAGE to impart entrepreneurial training programme. The organizer has organized various fisheries seminars on fisheries entrepreneurship in Bihar, Haryana and Uttar Pradesh.

## About the Faculty :

Training faculty shall be mobilized from fisheries research institutes, entrepreneurs, bankers, department of Fisheries officials.

## About the Venue :

Agri-Clinic & Agribusiness Training Centre, based at Bakshi ka Talab is well connected by road, has ideal infrastructure facilities, and rooms are twin sharing basis and also having all kinds of AV and teaching AIDS.

## About the Exposure Visit :

The exposure visit shall be organized at Fisheries Farms, Research Institutions and innovative production units.



# The Training Module :

## 5 DAY TRAINING PROGRAM ON INLAND FISH FARMING AND BIOFLOC, RAS ( Recirculatory Aquaculture System )

- Training objectives: To promote the fish farming among the rural unemployed youth for livelihood.
- To make fish farming more commercially viable option.
- To educate the farmers about modern and scientific methods of fish rearing through trainings.
- Providing special knowledge and benefits of all the schemes of Pradhan Mantri Matsyasampada yojana.

DAY	09:30 AM - 11:30 AM	11:40 AM - 01:00 PM	02:00 PM - 03:30 PM	03:40 PM - 05:00 PM
<b>DAY 1</b>	<ul style="list-style-type: none"> <li>➤ Registration</li> <li>➤ Inauguration &amp; Introduction of program.</li> <li>➤ How fish Farming is viable option.</li> <li>➤ Facilities and schemes available for fisheries sector.</li> </ul>	<p style="text-align: center;">TEA</p> <ul style="list-style-type: none"> <li>➤ Construction of fish farm.</li> <li>➤ Important factors.</li> <li>➤ Selection of land for fish culture .</li> <li>➤ Introduction of soil management.</li> <li>➤ Preparation of pond management .</li> <li>➤ Water supply management like-rivers ,canals, surface run, well, tube wells .</li> </ul>	<p style="text-align: center;">LUNCH</p> <ul style="list-style-type: none"> <li>➤ Introduction of Inland/Pond fish farming, its characteristics and types of pond and management.</li> <li>➤ Types of fish species in india.</li> <li>➤ Maintenance of fish farm, like-control of aquatic vegetation, improvements of pond bottom, liming, pond fertilization.</li> </ul>	<p style="text-align: center;">TEA</p> <ul style="list-style-type: none"> <li>➤ Water quality parameters, like physical, chemical and biological parameters.</li> <li>➤ How to choose fish seed and precaution.</li> <li>➤ Fish seed stock management.</li> </ul>
<b>DAY 2</b>	<p><b>Fish feeds and feeding</b></p> <ul style="list-style-type: none"> <li>➤ Introduction of fish feed management and fish feed formulation.</li> <li>➤ Fish feeding methods and types of fish feeding (Like-floating or buoyant ,sinking, bag feedings. )</li> <li>➤ Selected of the fish feed size and types of feeders (like-surface,middle and bottom feeders)</li> <li>➤ How to growth fishes.</li> </ul>	<p style="text-align: center;">TEA</p> <p><b>Exposure visit to ICAR-National Bureau of Fish Genetic Resources (NBFGR) Lucknow.</b></p> <ul style="list-style-type: none"> <li>➤ Activities</li> <li>➤ Show the various components of the Fish Farms.</li> <li>➤ Show the different Species of Fishes with Physical characteristic.</li> <li>➤ Show the model of fish aquarium management system.</li> </ul>	<p style="text-align: center;">LUNCH</p> <ul style="list-style-type: none"> <li>➤ Introduction of pond aeration, increased or maintaining the amount of dissolved oxygen(DO).</li> <li>➤ Types of fish pond aerators management.</li> <li>➤ Types of fish nets and its characteristics.</li> </ul>	<p style="text-align: center;">TEA</p> <ul style="list-style-type: none"> <li>➤ Fish Marketing management marketing of fish supplying.</li> <li>➤ Prevalent Practices in the Fish Market.</li> <li>➤ Customer relations and its management</li> </ul>
<b>DAY 3</b>	<p><b>Fish Health Management</b></p> <ul style="list-style-type: none"> <li>➤ Introduction of fish diseases management.</li> <li>➤ Type of fish disease and its characteristics (like- Bacterial, Viral, Algal, Protozoan and fungal disease)</li> <li>➤ Prevention of fish disease and symptoms, treatment.</li> </ul>	<p style="text-align: center;">TEA</p> <ul style="list-style-type: none"> <li>➤ Fish Medicine and its Characteristics .</li> <li>➤ Supplementary feeding.</li> <li>➤ Fish sampling.</li> <li>➤ Fish Harvesting management.</li> <li>➤ Group discussion of fisheries experts with Participants candidates.</li> </ul>	<p style="text-align: center;">LUNCH</p> <ul style="list-style-type: none"> <li>➤ Insurance coverage</li> <li>➤ Banking advances and deposit.</li> <li>➤ Schemes for fish farming.</li> <li>➤ Preparation of project report.</li> <li>➤ Project Report Development for Fish Farming.</li> <li>➤ Business Management concepts.</li> </ul>	<p style="text-align: center;">TEA</p> <ul style="list-style-type: none"> <li>➤ <b>Exposure visit to fish farm Continues</b></li> </ul>

DAY	09:30 AM - 11:30 AM	11:40 AM - 01:00 PM	02:00 PM - 03:30 PM	03:40 PM - 05:00 PM
DAY 4	<b>BIOFLOC SYSTEM</b> <ul style="list-style-type: none"> <li>➤ Introduction of biofloc fish culture .</li> <li>➤ Need of bioflock technology</li> <li>➤ How biofloc tank work.</li> <li>➤ Setting up the pond/tank</li> <li>➤ Aeration.</li> <li>➤ Selection of species and other related stuff.</li> <li>➤ Optimization of carbon and nitrogen.</li> </ul>	TEA <ul style="list-style-type: none"> <li>➤ Advantage of biofloc tank.</li> <li>➤ Composition and nutritional value of bioflock.</li> <li>➤ Biofloc growth</li> <li>➤ Species suitable for biofloc culture, major cultivable fish species.</li> </ul>	LUNCH	TEA <ul style="list-style-type: none"> <li>➤ How to prepare the inoculums (Method 1 and 2)</li> <li>➤ Monitoring, Harvest, and Clean-up.</li> <li>➤ Growth performance in biofloc system.</li> <li>➤ Disease management of biofloc.</li> <li>➤ Preparation of Project report for Biofloc farming.</li> </ul>
	<b>RAS SYSTEM</b> <ul style="list-style-type: none"> <li>➤ INTRODUCTION OF RAS FISH FARMING.</li> <li>➤ Tank construction of RAS system.</li> <li>➤ Type of Filtration RAS System.</li> <li>➤ Optimal water quality requirement fish farming in RAS.</li> <li>➤ Instructions to RAS farming by NFDB.</li> </ul>			

## Who can participate ?

- Fisheries Entrepreneurs & startups
- FPOs,

### How to participate :

Interested people can write a mail to

[nodalofficer.card@gmail.com](mailto:nodalofficer.card@gmail.com)

### Registration Fees : Rs. 5000

**Note :** charges included lodging, boarding, exposure visit, training and one year handholding

### RTGS/NEFT Details

BENEFICIARY NAME	Centre for Agriculture and Rural Development
BENEFICIARY A/C NO	50200028473500
BENEFICIARY BANK	HDFC BANK
BENEFICIARY BRANCH	KAILASH BUILDING, KG MARG, NEW DELHI-110001
ACCOUNTS STATUS	CURRENT ACCOUNT
IFSC Code	HDFC0000003
MICR Code	110240001

For participation, please contact

#### LUCKNOW OFFICE

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