



C A R D

**CENTRE FOR AGRICULTURE AND RURAL DEVELOPMENT**

*Committed to farmer's prosperity*

# BIOFLOC TRAINING PROGRAM

**21-22-23 DECEMBER 2020**

**Place :** Plot No.-102 to 105 New Virat Nagar Phase 3 Between two canals Panipat - 132103

## About CARD

Centre for Agriculture and Rural Development (CARD) is a premier Non-Government Organization, playing a vital role in the national efforts of developing India through agricultural transformation. CARD is committed towards reaching out to all parts of the rural society, especially the farming community. CARD also participates actively towards improving the quality of life of rural masses by addressing technical, economic policy issues related to the development of agriculture and rural society.

## Introduction

In a world where more than 800 million people continue suffering from chronic malnourishment and where the global population is expected to grow by another 2 billion to reach 9.6 billion people by 2050, it is important to meet the huge challenge of feeding our planet while safeguarding its natural resources for future generations [1]. In this context, aquaculture plays a key role in eliminating hunger, promoting health, reducing poverty, as well as generating jobs and economic opportunities.

Biofloctechonology is considered the new “blue revolution” in aquaculture. It is an innovative and cost-effective technology in which toxic materials to the fish and shellfish such as Nitrate, Nitrite, Ammonia can be converted to useful product, i.e., proteinaceous feed. It is the technology used in aquaculture system with limited or zero water exchange under high stocking density, strong aeration and biota formed by biofloc. The culture of biofloc will be productive in the case of culture tanks exposed to sun.

## Benefits of Biofloc Technology

- Eco-friendly culture system.
- It reduces environmental impact.
- Improves land and water use efficiency
- Limited or zero water exchange
- Higher productivity (It enhances survival rate, growth performance, feed conversion in the culture systems of fish).
- Higher biosecurity.
- Reduces water pollution and the risk of introduction and spread of pathogens
- Cost-effective feed production.
- It reduces utilization of protein rich feed and cost of standard feed.
- It reduces the pressure on capture fisheries i.e., use of cheaper food fish and trash fish for fish feed formulation.

## Training objectives:

- To promote the Biofloc farming technology among the rural unemployed youth for livelihood.
- To make Biofloc farming technology more commercially viable option.
- To educate the farmers about modern and scientific methods of Biofloctechonology through trainings.
- To develop new entrepreneurs in Biofloc sector.

## Topics covered:

- Biofloc farming technology
- Disease management in Biofloc
- Fish species selection
- Water management in Biofloc
- Water testing



## Live demonstration:

- Biofloc tank installation
- Water preparation
- Water management in tank
- Probiotics and other ingredients usage
- Floc measurement in tank
- Feeding technology
- Water testing kit use

## Who can participate?

- Agriculture Graduates
- Rural unemployed youth
- Farmers
- Fish Farmers
- **Rs 6000/- per person with stay | Rs 4200/- per person without stay**
- **Inclusive of fooding, visit to farm, certificate and project report, help in bank loan and subsidy.**



# Application Form

## Integrated Biofloc Training Program

1. Full Name (in block letters): .....
2. Designation: .....
3. Present employer and address: .....
4. Address to which reply should be sent (in block letters): .....
5. Email, Tel, Fax, Mobile: .....
6. Date of Birth: .....
7. Sex: Male/Female: .....
8. Working Experience: .....
9. Academic Qualification: .....

Exam/Degree	Subjects	Year of Passing	Marks Obtained	Institution

10. Particulars of course fee/DD enclosed.

**Certificate:** This is to certify that all the information provided here are true to best of my knowledge.

**Date:** ..... **Place:** ..... **Signature of applicant:** .....

## Seats will be allocated on first come first serve basis.

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

Interested candidates can call at :

**MS Khan : 9997286694**  
**Deepak Saini: 8448482487**

**Training Charges:**

**Rs 6000/-** per person with stay | **Rs 4200/-** per person without stay  
Inclusive of fooding, stay, visit to farm, certificate and project report.

### Address

306, Rohit House, Tolstoy Road, New Delhi - 110001

Tel: 011-23731129, 011-43595456 | Fax: 011-23731130 | email: [ed@card.org.in](mailto:ed@card.org.in) | Web: [www.card.org.in](http://www.card.org.in)