



# DHRUBA CHAND HALDER COLLEGE

( FORMERLY DAKSHIN BARASAT COLLEGE )

**ESTD.-1965**

**A NAAC Accredited Degree College Affiliated to University of Calcutta**

P. O. Dakshin Barasat • Dist. South 24-Parganas • West Bengal • Pin 743372

E-mail : dchcollege@yahoo.com, Website : www.dchcollege.org.

Phone : (03218)-222550 (Prin.) / 223-668 (Off.)

Ref. No. ....**DCHC/ZOO/ ADON 2/ 2022**

Date .....**05//01/2022**..... 20

## NOTICE

The Department of Zoology is organising an Add on course in Aquarium Fishery through online mode. The duration of the course is 30hrs. Interested students can enroll their names to Dr. Subhasree Thakur on or before 13/01/2022. The course commences from 29/01/22. The classes will be held from 10 A.M. to 12 Noon every Saturday except holidays.

*S. Thakur*  
05/1/22

*[Signature]*  
5-1-22

**PRINCIPAL**  
Dhruba Chand Halder College  
P.O.-D. Barasat, P.C.-Jaynagar  
Dist.-South 24 Parganas



**DHRUBA CHAND HALDER COLLEGE**

**DEPARTMENT OF ZOOLOGY**

**ADD ON COURSE  
ON  
AQUARIUM FISHERY**

**OBJECTIVE:**

To teach the basics of Aquarium Fishery and how it can be used as a means of employment and earning.

**STARTS FROM- 29/01/2022  
(30 HRS DURATION)**

**REGISTRATION FREE**

Interested Students Can Enroll Their  
Names To Dr. Subhasree Thakur On  
Or Before 13/01/2022

  
PRINCIPAL  
Dhruba Chand Halder College  
P.O.- D. Barasat, P.S.- Jaynagar  
South 24 Parganas, Pin- 743372

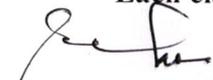
**RESOURCE PERSON  
DR. SUBHASREE THAKUR  
DR. POULAMI SARANGI**

**DEPARTMENT OF ZOOLOGY**

## ATTENDANCE SHEET OF ADD-ON COURSE: AQUARIUM FISHERY, 2022

NAME OF STUDENT	ATTENDANCE														
	29/1	05/2	12/2	19/2	26/2	05/3	12/3	19/3	26/3	02/4	09/4	16/4	23/4	30/4	07/5
ANKAN MAYRA	P	P	A	P	A	P	P	P	A	P	P	P	A	P	P
ANWESHA MARICK	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P
ARPAN KAYAL	P	P	P	P	A	P	A	P	A	A	A	P	P	P	P
RAMKRISHNA GAYEN	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
MUSTAK PAIK	P	P	A	P	A	P	A	P	A	A	A	P	P	P	P
SAHASA HALDAR	A	A	P	P	P	A	P	A	P	P	P	A	P	P	A
SUCHISMITA ROY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
BISWAJIT GHARAMI	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P
MUJAINA KHATUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
MONALISA KHATUA	P	A	P	P	P	A	P	A	P	P	P	A	P	P	P
MOUMITA NASKAR	P	A	A	P	A	P	A	P	A	P	A	A	A	A	A
TANIA ISLAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ASIF IQBAL MOLLA	P	P	A	P	P	P	A	P	A	P	A	P	P	A	P
BRIHASPATI NASKAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
MOUSUMI PAUL	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P
JHARNA KAYAL	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
SUJAN SARDAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
JAYASRI NATUYA	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P
KUHELI BARIK	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
DIGANTA SARDAR	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
MIJANUR RAHAMAN MOLLA	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P
BEAUTY LASKAR	P	P	P	P	A	P	A	P	A	A	A	P	P	P	P
SAKIL AHAMED GAZI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
SUCHANDRA NASKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SAMIM AHAMED MALI	P	P	A	A	A	P	A	P	A	P	A	P	P	A	P
BROTATI MONDAL	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
SWARNAJITA MANDAL	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P

Each class comprises of 2 hours.

  
**PRINCIPAL**  
 Dhruva Chand Halder College  
 P.O.-D. Barasat, P.S.-Jaynagar  
 Dist.-South 24 Parganas



## ADD- ON COURSE, 2021- 2022 IN ZOOLOGY

### Add-On Course Summary

**Name of the Course: AQUARIUM FISHERY**

**Course Coordinators:** Dr. Subhasree Thakur

**Syllabus covered:**

**Day 1: Introduction to Aquarium Fish Keeping**

The potential scope of Aquarium Fish Industry as a Cottage Industry, Exotic and Endemic species of Aquarium Fishes

**Day 2 to Day6 : Biology of Aquarium Fishes**

Common characters and sexual dimorphism of Fresh water and Marine Aquarium fishes such as Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish and Butterfly fish

**Day 7 to Day 11: Food and feeding of Aquarium fishes**

Use of live fish feed organisms. Preparation and composition of formulated fish feeds

**Day-12to Day 13: Fish Transportation 5**

Live fish transport - Fish handling, packing and forwarding techniques.

**Day 14: Maintenance of Aquarium**

General Aquarium maintenance - budget for setting up an Aquarium Fish Farm as a Cottage Industry.

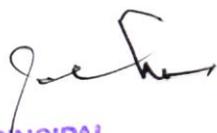
**Day 15 : Course Evaluation**

**Resource Person(s):** Dr. Poulami Sarangi

**Participants:** 27 nos.

**Duration:** 30 classes (2 hours x 15 days).

**Focal Theme of the Course:** Teaching the basics of Aquarium Fisheries and how it can be used as a means of employment and earning.



PRINCIPAL  
Dhruva Chand Halder College  
P.O.-D. Barasat, P.S.-Jaynagar  
Dist.-South 24 Parganas



**Evaluation:** Through Online MCQ Examination

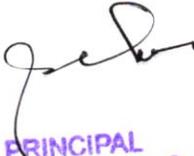
**Result Details (No. of Students taking up the Course vs. No. of Students completing the Course):**

**No. of students taking up the course- 27**

**No. Of students completing the course- 27**

**Outcome:**

Ornamental (aquarium) fish farming is a promising avenue of self-employment and income generation for both males and females in different Blocks of South 24 Parganas district. It can emerge as a cottage industry where rural homemakers (household women) associated with Self Help Groups can be trained and encouraged to adopt this lucrative vocation of breeding, seed production, rearing upto adulthood and sale of familiar and high-priced freshwater aquarium fishes. It can lead to women empowerment. Demand for such coloured fishes is increasing in domestic and foreign markets. With skill and expertise, both men and women can adopt this activity in a plot of 2-4 decimal of land beside their own house where rectangular cement cisterns may be constructed with few glass tanks for propagation and seed production of aquarium fishes respectively. It is a medium-cost technology, also aquarium fishes are not difficult to breed and rear up to marketable size. Salient aspects of this technology were discussed in this course to give the students a basic idea of Aquarium fish farming and their marketing.

  
**PRINCIPAL**  
Dhruva Chand Halder College  
P.O.-D. Beresat, P.S.-Jaynagar  
Dist.-South 24 Parganas



# CERTIFICATE OF PARTICIPATION

DHRUBA CHAND HALDER COLLEGE

This is to certify that Smt. / **Sri Suchismita Roy** of the Department of **Zoology**,  
Dhruba Chand College, Dakshin Barasat, South 24 Parganas, attended an Add on  
Course on **Aquarium Fishery** of 30 hours duration, conducted by the Department  
of **Zoology** and has successfully completed this short course in the Academic  
session 2021-22.

*Sudalina Bengtla*

IQAC COORDINATOR



*Sudhakar*

PRINCIPAL

*Sulhasree Bhakun*

COURSE COORDINATOR

PRINCIPAL

Dhruba Chand Halder College  
P. O.- D. Barasat, P. S.- Jajuria  
South 24 Parganas, Pin- 743377