



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

Date05//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.S.-Jaynagar
Dist.-South 24 Parganas



DHRUBA CHAND HALDER COLLEGE

DEPARTMENT OF ZOOLOGY

OBJECTIVE:

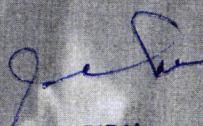
To teach the basics of Aquarium Fishery and how it can be used as a means of employment and earning.

**ADD ON COURSE
ON
AQUARIUM FISHERY**

**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


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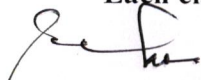
**RESOURCE PERSON
DR. SUBHASREE THAKUR
DR. POULAMI SARANGI**

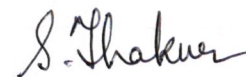
DEPARTMENT OF ZOOLOGY

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.


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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.

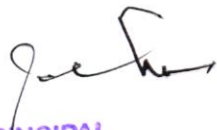
Day 15 : Course Evaluation

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.



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Evaluation: Through Online MCQ Examination

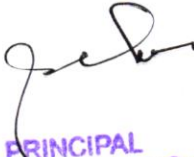
Result Details (No. of Students taking up the Course vs. No. of Students completing the Course):

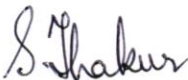
No. of students taking up the course- 27

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.


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S. Shaker

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.

Ludovina Bengtsson

IQAC COORDINATOR



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

COURSE COORDINATOR

Sulhasree Bhakur