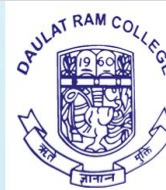




# SKILL ENHANCEMENT CENTRE OF AQUACULTURE



## DAULAT RAM COLLEGE, UNIVERSITY OF DELHI, SKILL ENHANCEMENT CENTRE In AQUACULTURE



### SEC COURSES UNDER AQUACULTURE



**Aquaculture Entrepreneurship**



**Fish Feed Formulation**

#### Elevating skills in:

- Construction and maintenance of an aquarium
- Building a favorable habitat for fish
- Maintaining water quality parameters
- Fish feed formulation
- Breeding of fish and larviculture
- Expertise in aquarium entrepreneurship



**Ornamental Fish Culture**



**Fish Breeding and Larviculture**

**SUPPORTED BY:**  
**SKILL ENHANCEMENT COURSES COMMITTEE, UNIVERSITY OF DELHI**

## **SKILL ENHANCEMENT CENTRE**

### **Research Laboratory Write up for Aquaculture lab**

**Department of zoology,**

**Daulat Ram college,**

**Delhi University**

The Aquaculture Laboratory offers practical training under Skill Enhancement Courses (SEC) to promote sustainable aquaculture and entrepreneurship.

Courses Offered

#### **1.Aquaculture Entrepreneurship**

- Training in modern and traditional aquaculture techniques.
- Sustainable water management and ornamental plant cultivation.

#### **2.Ornamental Fish Culture**

- Aquarium decoration, fish breeding, and nutritional observation.
- We gain practical knowledge on breeding and culture of various Ornamental fishes.
- We understand the maintenance and management of optimum water quality for healthy fish production

#### **3.Fish Feed Formulation**

- Indigenous ingredient identification and optimized feeding strategies
- We regularly monitor the fishes to analyze the impact of formulated feeds on fish growth, so we can optimize feeding strategies that improve fish health.

#### **4.Fish Breeding and Larviculture**

- Broodstock maintenance and live feed usage for larvae survival.
- Breeding was done on the following fishes: guppy, molly, poller parrot

#### **5.Pearl Culture**

- Techniques for bead implantation, harvesting, and marketing pearls.
- We develop skills in harvesting, processing, sorting and marketing of the Pearl ensuring maximum value and commercial success

### Key Activities

- - Aquarium construction and maintenance.
- - Rearing fish fries and formulating fish feed.
- - Breeding ornamental fish like guppies and mollies.

### Key Fishes in the Lab

Species include Betta fish, Angelfish, Koi fish, Neon Tetra, and Ranchu Goldfish, bred under optimal care for growth and health.

### Events and Achievements

- - Lectures: Training on water quality and fish breeding by experts.
- - Field Visits:
  - - Yamuna Biodiversity Park: Observed diverse aquatic ecosystems.
  - - Shakalpur Village: Explored pond systems and interacted with fishermen.
- - Expo Participation: Secured 1st place in 'Skill, Startup, and Entrepreneurship Expo.'
- - MOU with Anandpur Village: Promotes sustainable fishing and improved livelihoods.

This program equips students with essential skills for sustainable aquaculture and entrepreneurial ventures.

