



**A**

**Report on**

***Industrial Visit***

**Organized by**

**Department of Zoology, Kalinga University**

**To**

**Indira Gandhi Krishi Vidyalaya, Raipur**

**on**

**Date: 16.10.25**





## Details of Program:

On 16<sup>th</sup> October 2025, Department of Zoology organized an industrial visit to the aquaculture unit of IGKV. The students of both BZBC and M.Sc. Zoology attended the visit. The visit spanned and matched with the various papers like Aquarium Fish Keeping, Applied Zoology, Structure & Function of invertebrates and vertebrates and Applied and Economic Zoology which are taught in UG and PG levels. Overall, the idea was to give an exposure to the students to pisciculture, especially techniques of breeding and maintaining ornamental fishes. This was planned such that it may give students an idea about entrepreneurship opportunities in the field of aquarium fish cultivation and marketing.

The visit included an initial orientation about the aquaculture facility by the director which was followed by the visit of the institute. The visit was divided into 3 parts where the 1<sup>st</sup> part included the techniques of breeding ornamental fishes and rearing them in controlled environment. The processes of fish breeding, maintaining eggs, capturing spawns, maintaining their diet and checking their health was explained to the students. The next area was about biofloc culture and jeol fish culturing which was shown and explained and the 3<sup>rd</sup> part was about maintaining the aquarium and making aquarium accessories like fish feed, aquatic plants, etc. The students were also explained about different vocational training programs conducted by IGKV which can help them run their own aquarium shops/ ornamental fish rearing units.

India is the 3<sup>rd</sup> largest fish-producing country and 2<sup>nd</sup> in aquaculture production globally (after China). Contributes over 1% to India's GDP and about 7% of agricultural GDP. Provides employment to more than 14 million people. Therefore, exposing students to such practices will enhance their future academic and entrepreneurial skills.

## Objectives

- To make students understand about pisciculture unit.
- To enable students to gain interest in ornamental fish culturing.
- To stimulate students to think about building own aquarium maintenance facility.
- Introducing the students to experts at the institute
- To align academic courses with vocational objectives.

## Participation

- Students: 22 (UG & PG)
- Faculty and Lab Attendant: 4+1

## Outcomes

- Enhanced student understanding of pisciculture and aquarium maintenance.
- Improved sense of maintaining pisciculture units.

- Strengthened scientific communication and entrepreneurship skills.
- Hands on exposure to how aquaculture units are maintained.

## Photo Gallery:





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After the completion of the visit, student seminar for evaluation was also conducted in the department on 25.11.25. Glimpses of some presentations are attached below.

**Date:** 25.11.2025

**Name of student Presented:** Anish Gupta

**Topic:** Aquaculture Practices



**Name of student Presented:** Jonah Dayal

**Topic:** Aquaculture in India





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## Attendance:

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**Faculty of Science**  
**Department of Zoology**  
**Attendance Sheet**

Title of the Event/Activity: Industrial Visit

Date of the Event/Activity: 16/10/25

Name of the Resource Person (If applicable):

| Sl. No. | Name of the Student     | Program Name             | Sem. | Signature |
|---------|-------------------------|--------------------------|------|-----------|
| 1       | Kalpa Z. Dahi           | BZAC 5 <sup>th</sup> Sem |      |           |
| 2       | Anish Gupta             | BZAC 5 <sup>th</sup> Sem |      |           |
| 3       | Kanchan Sai             | BZAC 5 <sup>th</sup> Sem |      |           |
| 4       | Tanish Rayal            | BZAC 5 <sup>th</sup> Sem |      |           |
| 5       | Yashu Chandrakar        | BZAC 5 <sup>th</sup> Sem |      |           |
| 6       | Guldy Liley             | MSc 1 <sup>st</sup> Sem  |      |           |
| 7       | Vikram Yadav            | MSc 1 <sup>st</sup> Sem  |      |           |
| 8       | Pankaj Chandra          | MSc 1 <sup>st</sup> Sem  |      |           |
| 9       | Amish Chandra Bhatnagar | MSc 1 <sup>st</sup> Sem  |      |           |
| 10      |                         |                          |      |           |
| 11      |                         |                          |      |           |
| 12      |                         |                          |      |           |
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| 18      |                         |                          |      |           |
| 19      |                         |                          |      |           |
| 20      |                         |                          |      |           |

  
(Event Coordinator)  
Name & Signature with Date

  
(Dean/HOD)  
Name & Signature with Date



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### Faculty of Science

### Department of Zoology

### Attendance Sheet

Title of the Event/Activity: Industrial Visit

Date of the Event/Activity: 16.10.25

Name of the Resource Person (If applicable): Department of Zoology Faculty members

| Sl. No. | Name of the Student | Program Name | Sem. | Signature |
|---------|---------------------|--------------|------|-----------|
| 1       | Mimanshu Sharma     | B.Sc ZBC     | 1st  |           |
| 2       | Naveen Bhargat      | B.Sc ZBC     | 1st  |           |
| 3       | Simran Borkar       | B.Sc ZBC     | 1st  |           |
| 4       | Palak Sen           | B.Sc ZBC     | 1st  |           |
| 5       | Kaviti Bhagat       | B.Sc ZBC     | 1st  |           |
| 6       | Nirupama Xaxa       | B.Sc ZBC     | 1st  |           |
| 7       | Shreshmita          | B.Sc ZBC     | 1st  |           |
| 8       | Himanshu            | B.Sc ZBC     | 1st  |           |
| 9       | Gauri               | B.Sc ZBC     | 1st  |           |
| 10      | Pooja               | B.Sc ZBC     | 1st  |           |
| 11      | Pooja Kanya Panda   | M.Sc Zoology | 3rd  |           |
| 12      | Anisha Chatterjee   | M.Sc Zoology | 3rd  |           |
| 13      | Lipika Sanyal       | M.Sc Zoology | 3rd  |           |
| 14      |                     |              |      |           |
| 15      |                     |              |      |           |
| 16      |                     |              |      |           |
| 17      |                     |              |      |           |
| 18      |                     |              |      |           |
| 19      |                     |              |      |           |
| 20      |                     |              |      |           |

(Event Coordinator)  
Name & Signature with Date

(Dean/HoD)  
Name & Signature with Date

Dr. Manoj Singh  
Event Coordinator