

Report on Field Excursion

Field report on exploring the Fish farming institute at Naihati fish farm to study some ichthyofaunal breeding behavior and keep special note on their breeding habit induced breeding, in captivity at Naihati fish farm.

The department of Zoology, Sree Chaitanya College, Habra successfully conducted a field study at Naihati fish farm, West Bengal. The excursion was held on 06.05.2024 with 45 students, 3 supervisors and 1 non-teaching staff.

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5. Smt. Biswanath Bhowmik *Biswanath Bhowmik 08/05/24*
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Non-teaching staff:

2. Mr. Asim Sarkar

Objective of the excursion:

The primary aim of the excursion was to explore and study the breeding behavior of fishes of different species in captivity along with their overall ethology.

The study was focused on:

4. To achieve the hand on knowledge about the induced breeding procedure and handling the instrument for the same in the fish breeding laboratory of Naihati fish farm of the West Bengal .
5. Individual fish variety was studied according the systematics .
6. The breeding process of the individual fish species their sperm production , egg laying , study of oozing female ripe fish for induced breeding, on details were also studied.

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Activities conducted:

5. Study of feeding habit, habitat artificially created in the captive condition.
6. All the information were collected on the breeding behavior, specimen selection, breeding procedure and overall ecology of fish ponds were studied.
7. Photograph of different fishes was taken at the site.

Outcome:

The study of induced breeding (procedure and productivity) of fishes , the details procedure , choosing ripe fish , collection of pituitary gland , process of preparing extract, were achieved . The breeding of fishes to fulfill the aim of conservation and increase production to meet the demand fish eating people.

Conclusion:

The field study was a resounding success, fulfilling academic objective and fulfillment the perspectives of all the participants on behalf of the dept. of Zoology the, teachers along with the students of the department thankfully acknowledge the administration of SCC, Habra for support and help for organizing the event.

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