

**Internal Quality Assurance Cell (IQAC)****Activity Report****Academic Year 2022-23**Title of Activity: **Study tour at fish breeding center Majalgaon dist. Beed**Date: **21.09.2022**Time: **08.00 am to 4.00 pm**Place: **Majalgaon**Convenor/Host: **Head, Department of Zoology**Name of teacher Participant: **Dr. Sandip R. Rathod**Number of students Participant: Boys: **03**, Girls: **12**Total: **15****Details of Activity:**

Study tour is the important and interesting event in faculty of science. The study tour is very important because observations in field with scientifically understand concepts. The purpose of the study tour is to learn from the experience on field work. The Majalgaon is about 50 km from Manwath. we visited to kesapuri dam near Majalgaon, Dist. Beed on 21 September 2022. All BSC TY student (15 students) visit the place for observe the fish farm which are related to Aquaculture Paper No. XII A.

In this fish farm we are observed the five ponds which are available there i.e., breeding pond, spawning pond Nursery Pond, rearing pond and stocking pond. Firstly, we observed breeding pond, this breeding pond is as like water tank. In this breeding pond many individuals are present i.e., Major carps are available such as *Catla catla* and *Lebeo rohita*. These many individuals of Major carps are collected one by one and then observe sexual dimorphism character and identify male and female. Male fish have pectoral fin has rough and belly region is not swell but in female belly region swell and pectoral fin smooth one after identification of carp they injected the synthetic ova tide hormone to these carp for stimulating male release the melt after few hours and female release eggs. The quantity of this hormone injected 25% to male and female it is about 50% i.e., we observed that female have double dose of hormone injected as compared to the male practically demonstrated by Khan sir.

In this study tour we are studied and observed very well fish farm management, seed production, fish breeding and transportation of fish seeds.



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