



**DEPARTMENT OF ZOOLOGY**  
**Govt. Zirtiri Residential Science College**  
**Aizawl. Mizoram**

**Student Field Trip Report**

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**Brief Report on Student Field Trip** held on 8<sup>th</sup> October, 2019. 5<sup>th</sup> Semester B.Sc (Zoology), Government Zirtiri Residential Science College organized Field study tour in the selected Fish Seed Farm and Animal Husbandry and Veterinary, Government of Mizoram, Thenzawl and important places (Tuirihiau, Thenzawl Park). The unit performed many activities – to attend informative lectures regarding on technique of Field Work and spot verification by using visual observations and photograph on selected areas.

The number of students	:	43
Teacher (Guide)	:	1
Drivers & Conductor	:	4
Total Members	:	48

## **Important Place visited:-**

**1 Thenzawl Fish Seed Farm:** Department introduced brood stock management, operational management of hatchery, nursery management, as well as demonstration on scientific fish farming for raising productivity, culture of diversified fish species with carps and prawn farming.

**Water Source :** Perennial Water pH 7-7.5

No of Earthen rearing pond	9	Total water area	1.6 ha
Number of geomembrane nursery pond	7	Total water area	0.15 ha
Geomembrane rearing pond	7	Total Water area	0.18 ha
Unserviceable pond	6	Total water area	0.78 ha

**Specimen Collection :** Hand picking, netting and Visual observations(Photo)Identification (Systematic Position)

### **Material**

#### **GEOMEMBRANE : HDPE ALLOY - CROSS LAMINATED GEOMEMBRANE**

The material, from which these HDPE liners are manufactured is a cross-laminated (electrostatically fused), multi-axially oriented, HDPE (High-Density Polyethylene) Alloy. Because of the multi-ply orientation, the material is extremely strong.

**2 ANIMAL HUSBANDRY FARM - THENZAWL:** The Farm was first established under NEC Scheme, and now has been taken up under the State Fund. Animal Husbandry and Veterinary Department is one of the Development Departments under Government of Mizoram. The Farm Complex consist of- Piggery Farm, Crossbred Cattle Breeding Farm, Buffalo Farm, Fodder with seed production Farm, Silage and Hay making Project is also included .R.A.H. Centres and 1 Poultry Farm, 1 Goat farm Piggery farm, Fodder Seed Production Farm at Thenzawl.



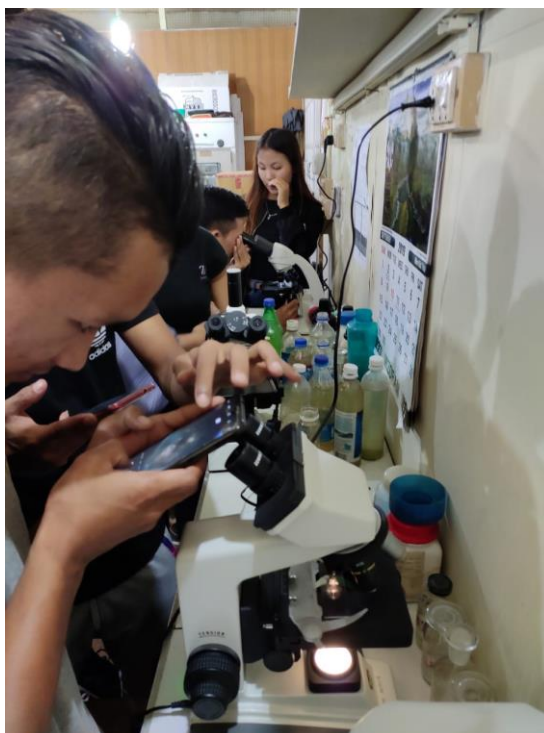
Fig.1 V Sem B.Sc (Zoology) Fish Seed Farm , Thenzawl



*Figure 1 Collecting phytoplankton*



Under Microscope High magnification



Data analysis and observations

