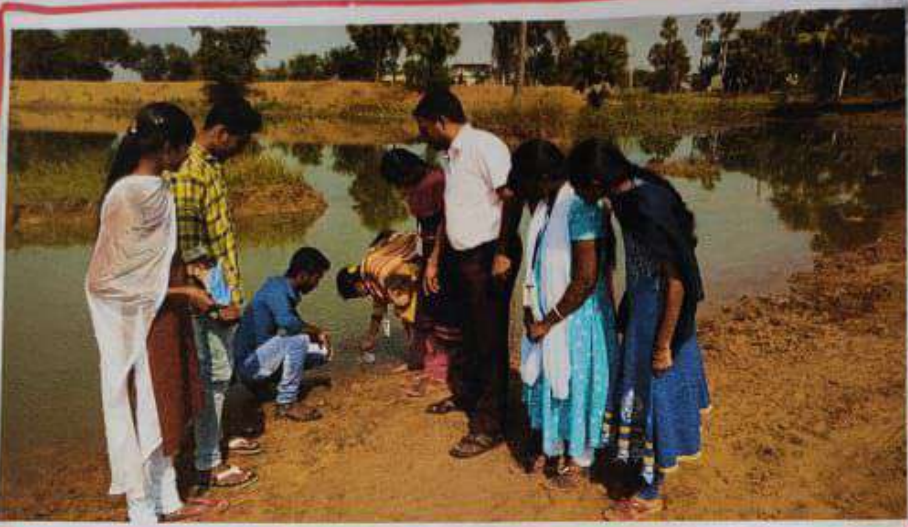


## **Estimation of faunal populations in the household garbage contaminated pond water in Akulavarighanapuram.**

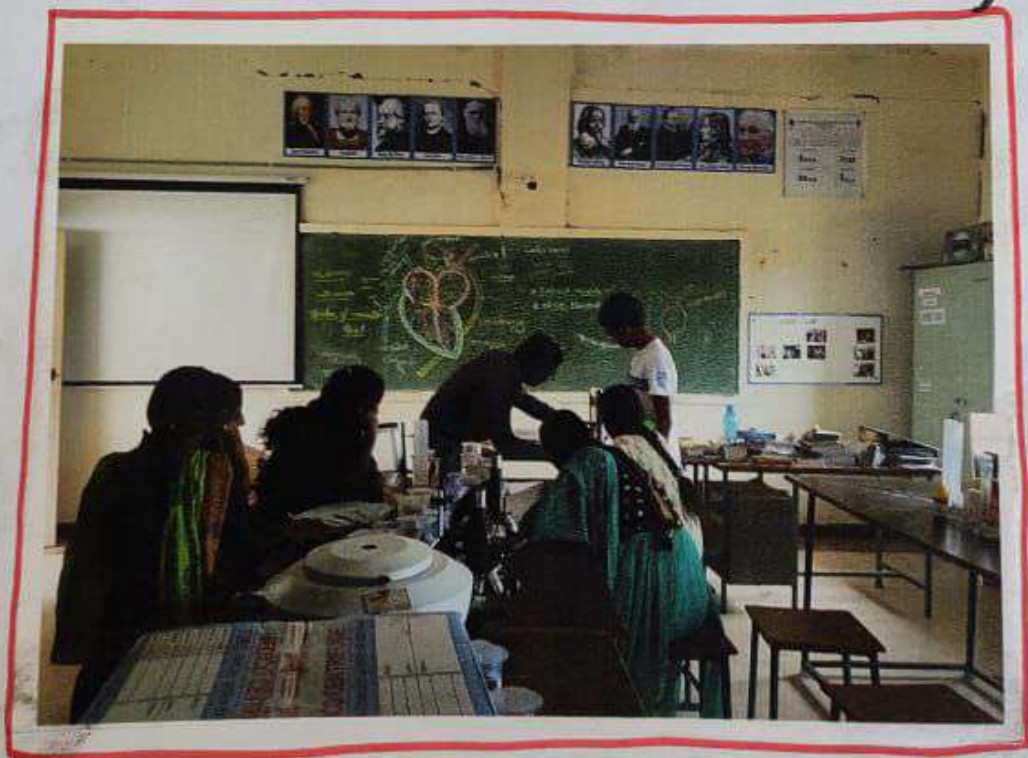
### **Abstract**

The project work was assigned to the students studying final year B.Sc. B.Z.C. 2021, own investigation, February month. The listed students were investigated about the animal fauns in the concern pond. The work was carried out in the month of February, as there is no reason and the insects were naturally reached to the reproductive stage, yet.

The students brought the samples to the Zoology Laboratory and investigated under light microscope. The observations were recorded and referenced in the books. The students also analyzed the presence of different animal fauna in that contaminated water, which actually lived in garbage water. Finally, the research concluded that, the pond water is highly contaminated and it cannot be used for household purposes, but can be utilized for agricultural purposes.



II year student collecting water sample from lake to observe aquatic fauna.



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PROJECT :-

Observation of aquatic fauna in lake ecosystem near the College, GDC, Etumagaram.

Year of Students + Semester :- II year III semester.

DATE : 14.09.19

\* Students Participation :-  
Name

Signature

1. P. Sindhu

P. Sindhu

2. T. Oornila

Oornila

3. N. Sanghavi

N. Sanghavi

4. O. Jyothi

O. Jyothi

5. N. Sindhu

N. Sindhu

6. A.V. Asrija

V. Asrija

7. P. Jayza

P. Jayza

8. K. Ramadevi

K. Ramadevi

9. Ch. Roshini

Ch. Roshini

10. K. Lavanya

K. Lavanya

11. S. SriLatha

S. SriLatha

12. N. Kavitha

Kavitha

13. W. Sravanthi

W. Sravanthi

14. E. Rama

Rama

15. V. Shrivanthi

V. Shrivanthi

16. M. Soujanya

Soujanya

17. G. Saritha

G. Saritha

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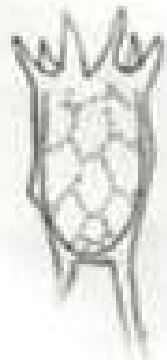
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*Brachionus*



*Asplanchna*



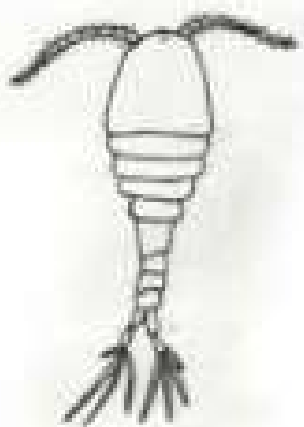
*Keratella*



*Filinia*



*Diaphanosoma*



*Cyclops*



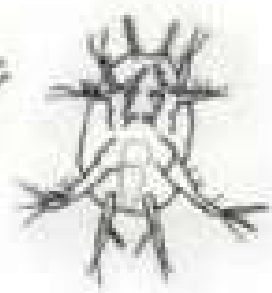
*Diaptomus*



*Daphnia*



*Moina*



*Nauplius*

## Zooplanktons observed in the pond water

The pond water organisms were analyzed and the populations were drawn on the sheet. They were presented in the classroom whatever they produced.

