

## Research Arena



**Objective:-** As a part of M.sc Zoology , the department of Zoology is also conducting research project in the field of toxicology . As it is mandatory for the final year M.sc Zoology students as a part of curriculum we the department of Zoology started metal toxicity studies.

The coastal waters are continuously polluted by the industries and chemical wastes which in turn increased aquatic pollution. Today pollution is more threatening because many of the released pollutants degrade slowly or do not degrade at all, leading to accumulation in biota.

As a part of research project , the department of Zoology provided a chance to study the toxic effects of one of the heavy metal copper on *Poeciliasphenops*(silver molly fishes) . calculated  $LC_{50}$  and even the sub lethal exposure of copper growth of *Poeciliasphenops* was studied .

This study helps in planning and adopting sustainable measures to minimize heavy metal toxicity in aquatic medium which ensures high survival rate and growth.

**Dr.M.Sony** giving instructions to the students





## Students doing different activities in the Project



## Outcomes:

- Students have knowledge about handling different instruments.
- Exposure to research projects that make students research journey easy.