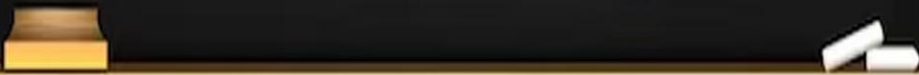
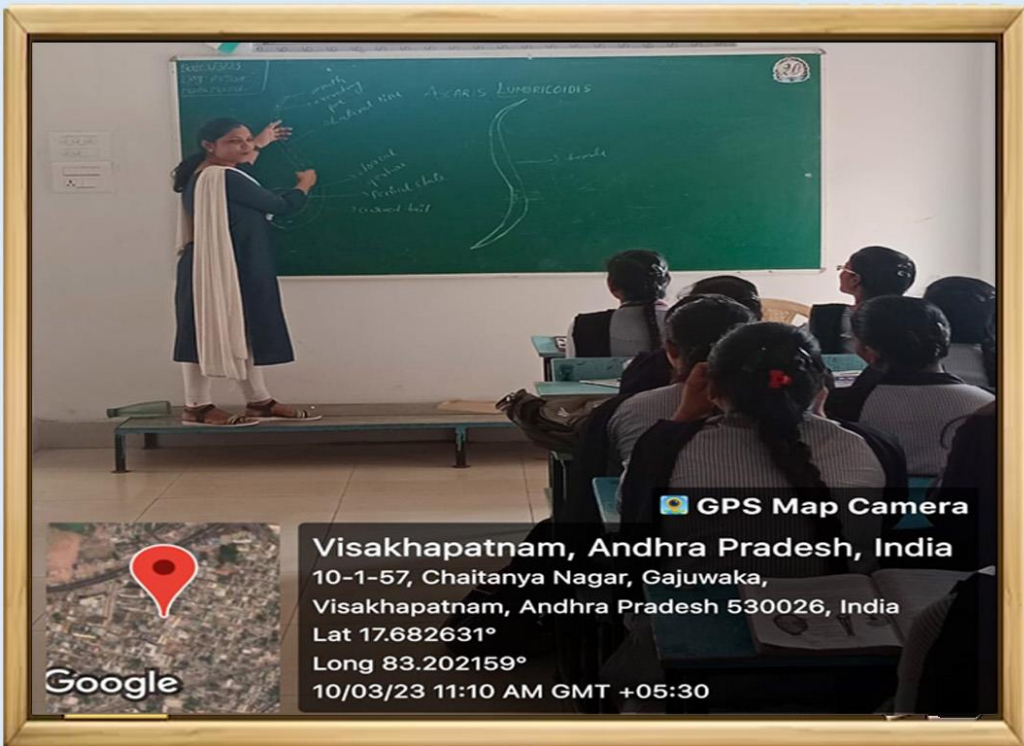


# TEACHING LEARNING METHADOLOGIES

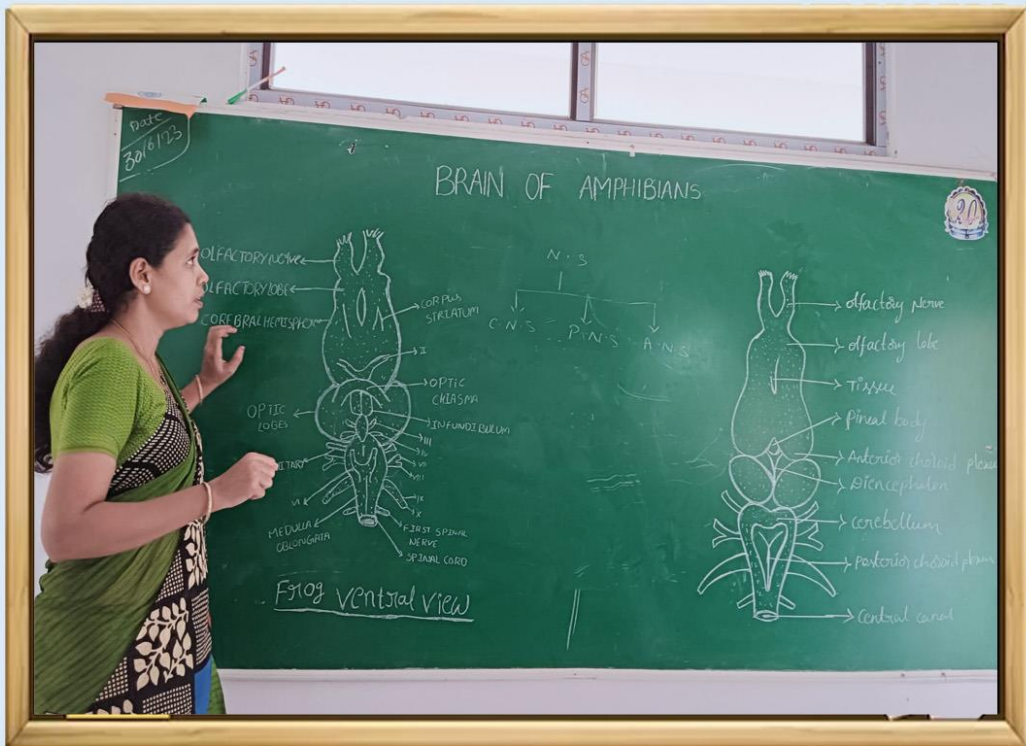


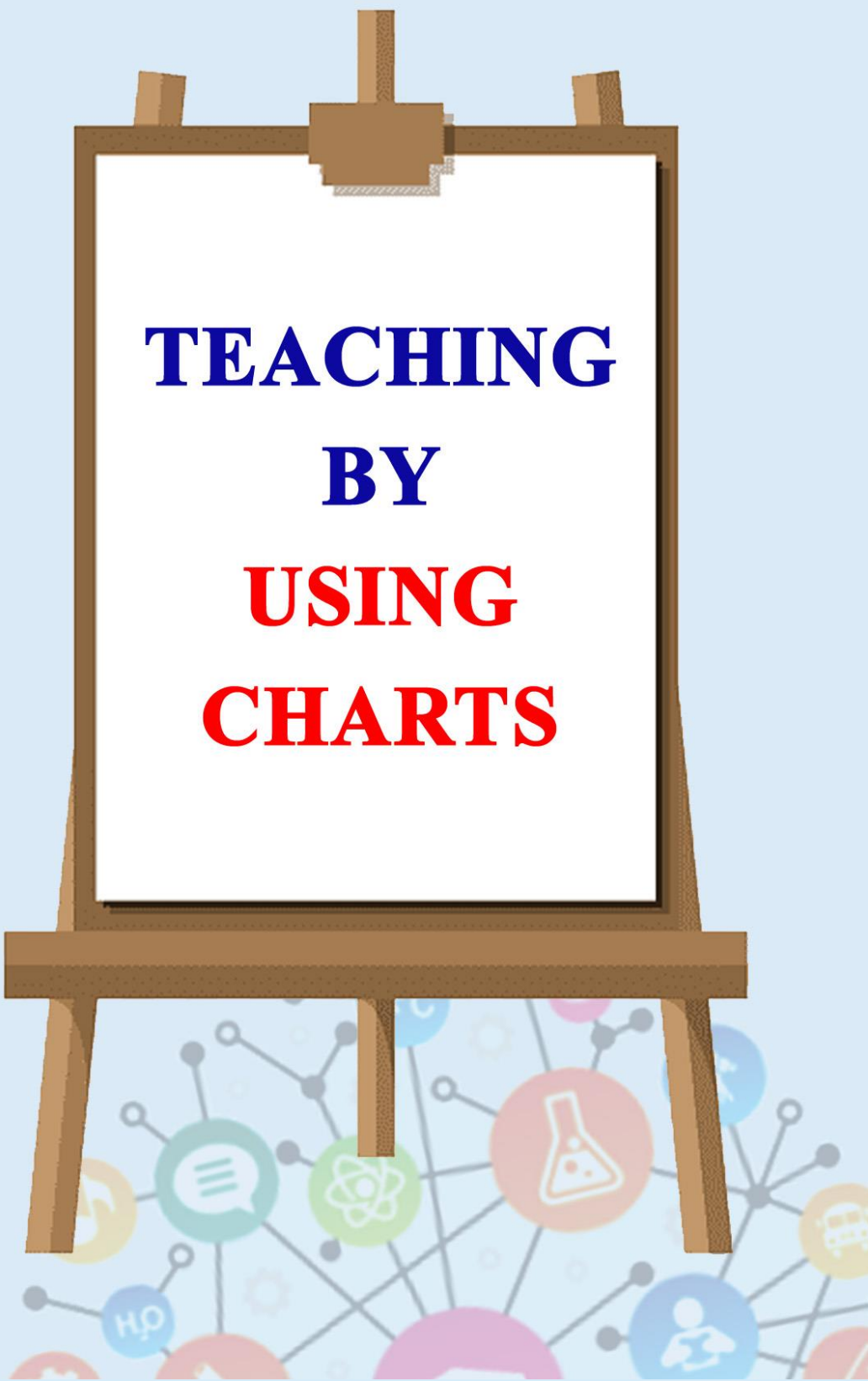
**TEACHING BY  
USING  
BLACK BOARD**











**TEACHING**  
**BY**  
**USING**  
**CHARTS**



# **TEACHING BY USING MODELS**









# TEACHING BY ICT



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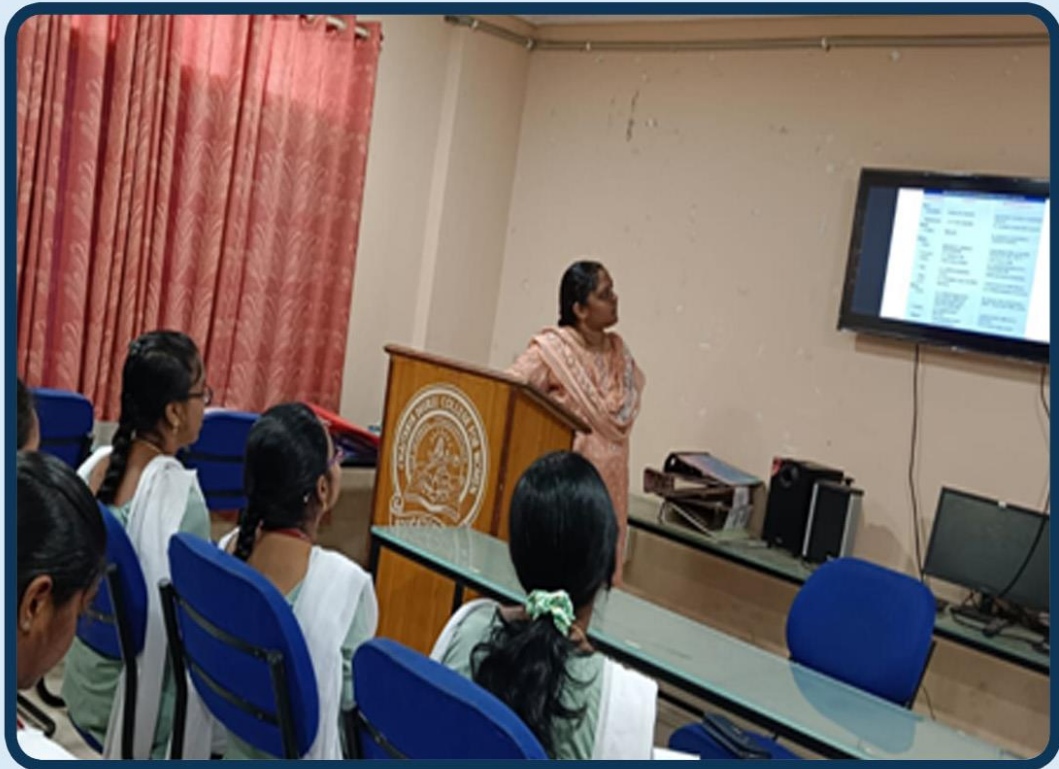
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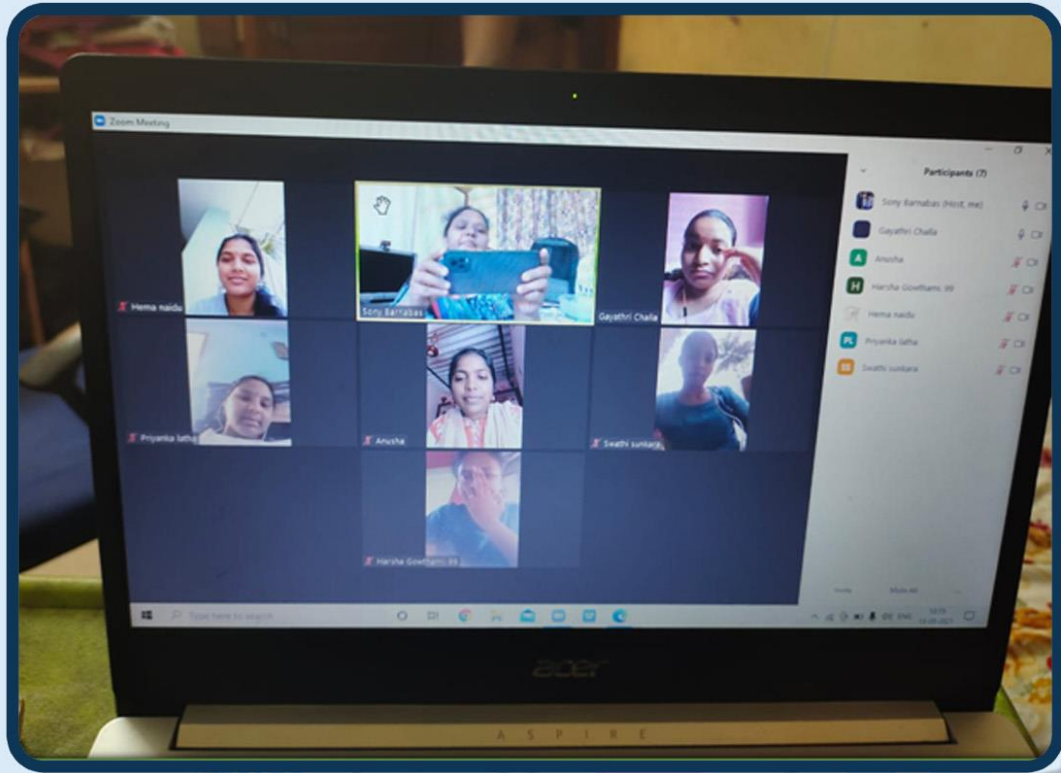
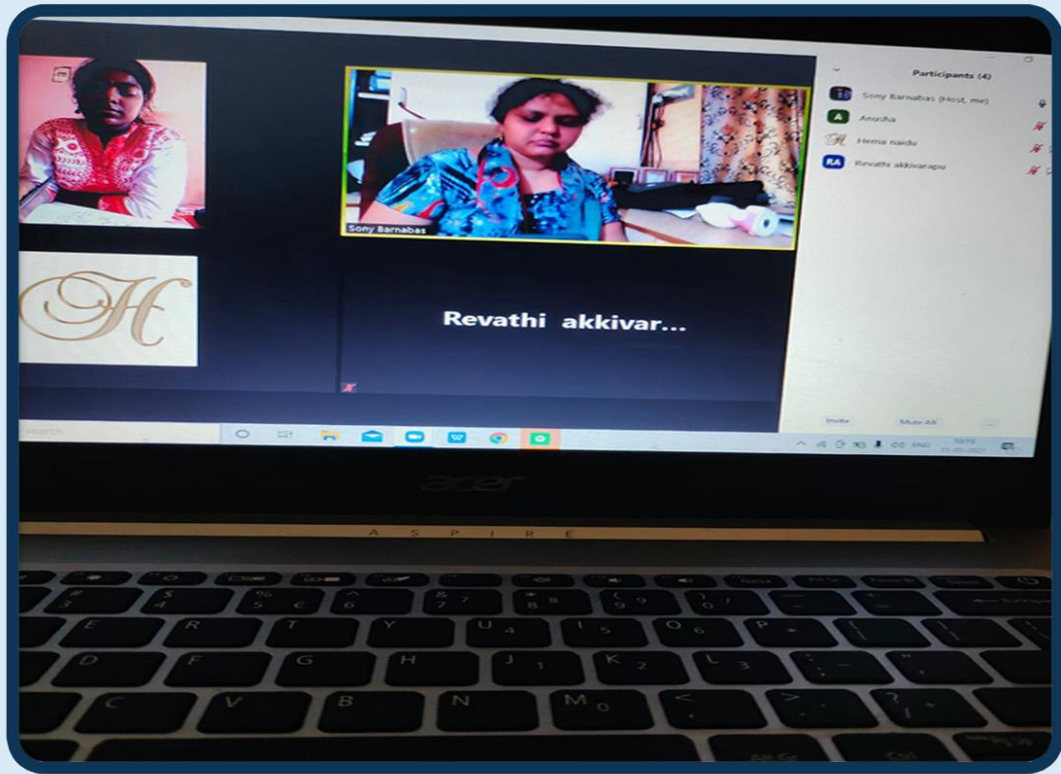
Link1

Link2









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Bioinformatics (0) | Biophysics (14) | Museology and conservation (0) | Pharmaceutical Science (0) | Physical Sports and Health Education (0) | Social Medicine and Community Health (0) | Zoology (0)

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**Figure 1: Mutualistic relationship in ant-acacia system**

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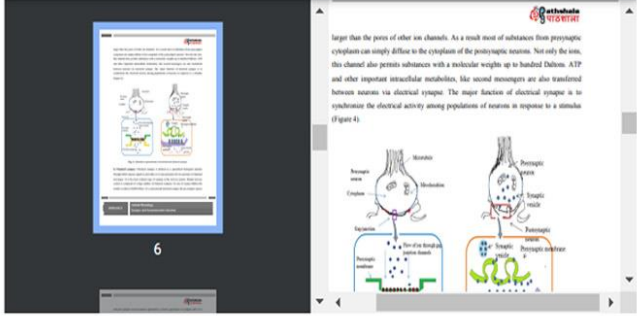
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Subject: Zoology Back to Subjects

Paper: P-06, Animal Physiology (24) | Module: M-06, Synapse and Neuromuscular Junction

E-Text Learn More Self Learning

6 / 13



larger than the pores of other ion channels. As a result most substances from presynaptic cytoplasm can simply diffuse to the cytoplasm of the postsynaptic neuron. Not only the ion, this channel also permits substances with a molecular weight up to hundred Daltons. ATP and other important intracellular metabolites, like second messengers are also transferred between neurons via electrical synapse. The major function of electrical synapse is to synchronize the electrical activity among populations of neurons in response to a stimulus (Figure 4).

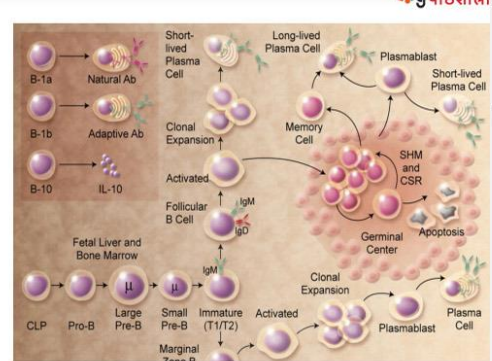
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P-10, Immunology (36) | M-21, B cell development and humoral immunity

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# **PROJECT BASED LEARNING**



**TOXICOLOGY PROJECT**  
**Effect of copper on fingerlings of *poecilia sphenops***



**VERMICOMPOST PROJECT**  
**Converting organic debris to manure**



## MUSHROOM CULTIVATION

Cultivation of Milky mushroom (*Calocybe indica*)



# ECOSYSTEMS



# LEARNING BY DOING







**TOPIC NAME :**  
**ENDEMIC SPECIES**  
**OF INDIA**

**SPECIES UNIQUE TO A DEFINED GEOGRAPHICAL LOCATION .**

- Asiatic Lion** - **Gir Forest,**
- Kashmir Stag** - **Kashmir Valley,**
- Lion Tailed Macaque** - **Western ghats,**
- Purple frog** - **Western ghats,**
- Nilgiri Tahr** - **Nilgiri hills etc.,**







**TOPIC NAME : REASONS OF INFERTILITY**

- **LACK OF REGULAR OVULATION.**
- **POOR QUALITY SEMEN.**
- **BLOCKED OR DAMAGED FELLOPIAN TUBES.**
- **HORMONAL IMBALANCE**



**TOPIC NAME : ZOO NOTIC DISEASES**

**ANTHRAX - LIVESTOCK**

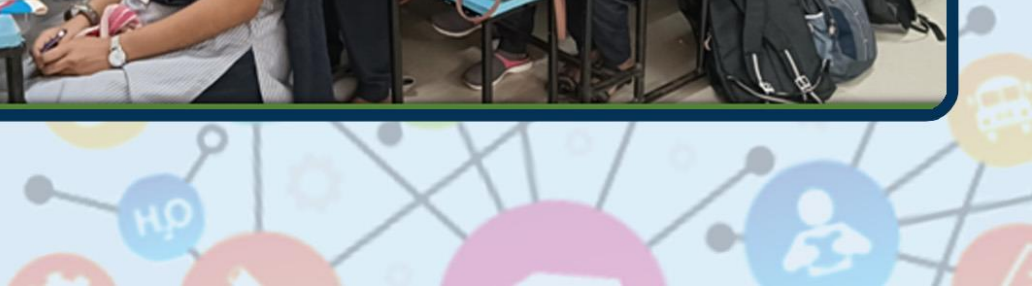
**AVIAN INFLUENZA - POULTRY BIRDS**

**PSITTACOSIS - PARROT**

**Q FEVER - CATTLE**

**TRICHINELLOSIS - PIGS**

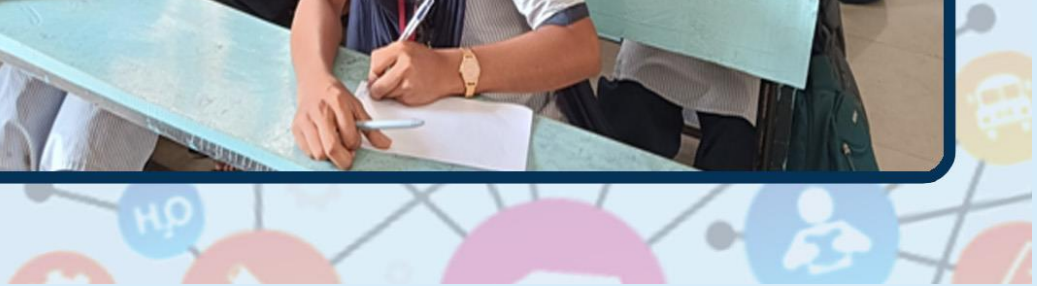
**RABIES - DOGS**



# ASSIGNMENTS







# **SEMINARS BY STUDENTS**





GPS Map Cam

Visakhapatnam, Andhra Pradesh, India

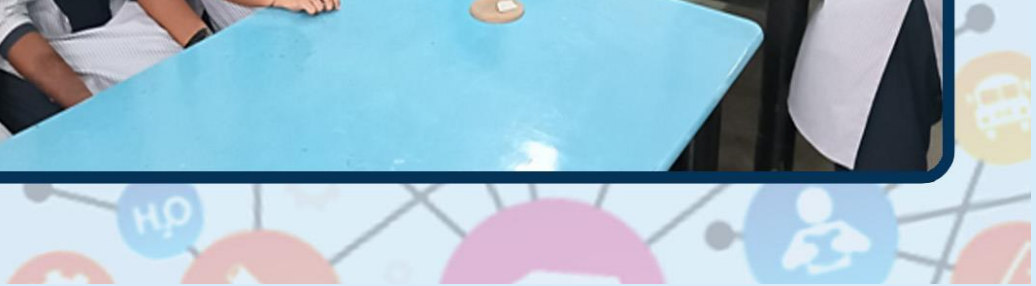
M6J2+QR7, Chaitanya Nagar, Gajuwaka, Visakhapatnam, Andhra

Pradesh 530044, India

Lat 17.681804°







## TOPIC: SCALES OF FISHES



## TOPIC: DNA FINGERPRINTING

# QUIZ



## QUIZ TOPIC : ANIMAL DIVERSITY



## QUIZ TOPIC: ANIMAL PHYSIOLOGY



# **PRACTICAL BASED LEARNING**









# GUEST LECTURES



**Prof. Manjulatha Madam, Head of the Department of Zoology, Andhra University  
Delivered Lecture on Feed Management in Aquaculture practices**



**Associate Prof. Ratna Raju Garu, Department of Zoology, Andhra University  
Neural and Hormonal control on Gastro intestinal  
movements and secretions**