


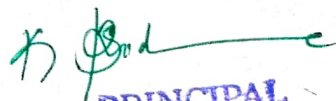
As the part of the Zoology field trip we went the Pochamma Charuvu, Chennoor, Mancherial : Dist.

Date: 06/06/2022

- Already we know that there are several Ecosystem in Environment like desert ecosystem. Pond eco system, lake, grassland, river ecosystem.
- We observed river ecosystem.
- In Rivers water flows continuously so, the living conditions in rivers are different from the pond and lake.
- Salt content, water, temperature, dissolved gases availability of food and light influence the life of the organisms.
- In rivers due to the continuously flow of water deeper and surface layers are continuously mixed resulting in uniform distribution of temperature, oxygen and nutrients.
- Plants if present will have roots that penetrate deep in to river bottom and levels are narrow.
- Animals living in rivers either swim actively are have structure like suckers which hold go to rocks for support.
- In their river Ecosystem we observer several types of producers, Consumers and Decomposers.
- PRODUCERS:
- The Organisms which prepare food by their own are called as "Producers".
- There are autographs which trope the solar energy and prepare Carbohydrates.
- Eg: We observed grasses, algae, green small, herbs " Phytoplankton's " are chief producers in the river Ecosystem.

- **CONSUMER:**
- The organisms depends on others for their food they cannot prepare their food consumers are classified into 3 Types depending upon their food habits.
- **PRIMARY CONSUMERS:**
There depend only on the Green Plants for their food.
They are also called as herbivores nothing but Vegetarians.
- Eg. In their Pochamma Charuvu "Union" s are the Chief primary consumers.
- Snails, Small Insects.
- **SECONDARY CONSUMERS:**
- There animals depends on the herbivores for their food.
- Eg: Small fishes are lot of in number in that river.
- There small fishes depends on the small Insects.
- **TERTIARY CONSUMERS:**
- There animals feed on the Secondary consumers.
- There are "Secondary Carnivores".
- Eg. Water Snakes.
- **DECOMPOSEERS:**
- The Organisms which decompose the dead organic matter of producers and consumers are caused by decomposers.
- Eg. Fungi, Bacteria, are present in the Pond Ecosystem.
- Various bacterial and fungi like actinomycetes are Present, act as Decomposers.


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04

Study Tour

Date: 05/06/2022

Chennoor.

To,
The Principal,
Government Degree College,
Chennoor, Dist: Mancherial.

Respected Madam,

Sub:- Request for Permission to
Visit for Local Polluted Site.

I, D. Krishna Gopal Rao, C.DL in Zoology
Request you to kindly permit to visit the
Local Polluted Site, in the purpose of Pond-
Eco-System with B.Sc. Bze - IIIrd year students
Date: 07-06-2022.

Thanking you Madam.

Yours faithfully

(Signature)

(D. KRISHNA GOPAL RAO)
Lecturer in Zoology

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Dept. of Zoology
GDC-Chennoor
Dist. Mancherial (TS)

Approved
to *(Signature)* Slr

Pedda cheruvu - Chennoor

Sl. No.	H.T.No.	Name of the Students	Sig.
1	051-20-3007	G. Lavanya	
2.	3008	J. Hemalatha	
3.	3009	J. Swapna	
4.	3010	K. Jyothi	
5.	3011	K. Supanya	
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7	3208	I. Manasa	
8	3211	K. Sai	
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