

"Jai Sri Gurudev"

Sri Adichunchanagiri First Grade College
Channarayapatna 573116

ACHIEVER
Date: / /

Date 12/04/2024



Circular

Department of Zoology

Subject: - planning to visit to pond water Ecosystem.
As mentioned in the above Subject students of VIth Semester must visit a near by field collect and study of phytoplankton and Zooplankton in water sample in the Natural habitat. According to their Syllabus, we are the Zoology department faculty have so planned to visit pond water near the Channarayapatna 13/04/2024. On this occasion of field visit of pond water ecosystem Ex:- phytoplankton, Zooplankton, Crustacean Insects etc.

H.O. of Zoology
S.A.E.G. College

Channarayapatna-573116
Dr. Nixupama M.
Radhamma K.M.

Principal

Sri Adichunchanagiri First Grade College
Channarayapatna.

Inform to VIth Semester Students

**Sri Adichunchanagiri First Grade College,
Channarayapatna-573116**

Department of Zoology

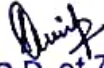
Date: 13.04.2023

**Report on field visit to Ragavendra Swamy Temple Pond and
Channarayapatna Lake**

In compliance with the syllabus pattern of the 6th semester NEP scheme BSC (Zoology), the Department of Zoology organized a field visit to Ragavendra Swamy Temple Pond and Channarayapatna Lake on April 13, 2024, with permission from Principal Dr. Manjunath M. K. and HOD of Zoology Dr. Nirupama M. along with all VI semester students and faculties. We arrived the pond by 10:00 am to study the pond ecosystem and to collect water samples for laboratory studies.

A pond ecosystem is a community of organisms that live in a pond. It is a freshwater ecosystem in which the various organisms rely on one another. The biotic factors of the pond ecosystem are classified into three categories. They are known as producers, consumers, and decomposers. We guided the students to differentiate producers, consumers and decomposers and also how abiotic factors also influenced on the development of biotic factors. Pond ecosystems provide a home for wildlife, including fish, turtles, frogs, and water birds. They also provide a habitat for plants like pond lilies and cattails. Ponds also play a vital role in cycling water and nutrients, like carbon and nitrogen, through the earth's system. Phytoplankton is the base of several aquatic food webs. In a balanced ecosystem, they provide food for a wide range of sea creatures. Phytoplankton, also known as microalgae, are similar to terrestrial plants in that they contain chlorophyll and require sunlight in order to live and grow. The zooplankton community is an important element of the aquatic food chain. These organisms serve as an intermediary species in the food chain, transferring energy from planktonic algae (primary producers) to the larger invertebrate predators and fish who in turn feed on them.

Although we have collected water sample and return to the college by 11.30 am and then observed under microscope and we got Algae, Diatoms, Paramecium and Euglena etc.


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Field visit to Ragavendra Swamy Temple Pond and Channarayapatna Lake on 13/04/2024



Zooplanktons under microscope

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Neelamath M.K
Principal
Sri Adichunchanagiri First Grade College
Channarayapatna.



Pond. Visit on 2 13th April 2024

Achiever
Date: / /

Sl. No.	Student Name	Class	Signature	Feedback
01	Shambhavi C.S	VI th (CZ)	Shambhavi	Good
02	Guchithra . K.R	VI sem (CZ)	Guchithra	Good
03	Bindu. K	VI sem (CZ)	Bindu	Memorable
04	Keerthana H.S	VI sem (CZ)	Keerthana H.S	V. Good
05	Nischitha B.S	VI sem (CZ)	Nischitha	Good
06	Sona B.N	VI Sem (CZ)	Sona B.N	Good
07	Nisarga M.R	VI Sem (CZ)	Nisarga	Good
08	Komal. G.H	VI Sem (CZ)	Komal	Good
09	Krutik Kumar. K.P	VI sem (CZ)	Krutik	Good
10	Sarjay. B	6 th Sem (CZ)	Sarjay	Nice
11	SUHAS. S.H	6 th Sem (CZ)	Suhas	Good
12	Abhilasha. CM	6 th sem (CZ)	Abhilasha	V. Good
13	Sindhu sree	—————	Sindhu	Good
14	Nisarga D.	—————	Nisarga	Good
15	Ranjitha C.N	—————	Ranjitha	V. Good
16	H.S Anrutha	—————	H.S	Good
17	Submitha	6 th Sem	Submitha	Good
18	Subha S.L.	6 th Sem BZ	Subha S.L.	V. Good
19	Rashmita K.R.	6 th Sem BZ	Rashmita	Good
20	Nischitha B.S	6 th Sem CZ	Nischitha	Excellent
21	Saraswathi C.N	—————	Saraswathi	Good
22	Jayalaxshmi A.G.	—————	Jayalaxshmi	V. Good
23	Pooja H.K	VI sem	Pooja	V. Good
24	Swathi. M.	VI Semester	Swathi	Nice
25	Yogitha	VI sem	Yogitha	Good
26	Ruthik Gowda	VI sem	Ruthik	Nice

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