

Rearing of Guppy fishes:  
Biological Mosquito Control Program



**Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Zoology**

**Report  
2022-2023**

**Rearing of Guppy Fishes: Biological Method to Control Mosquito Population**

Biological control methods are once again being given much research focus for malaria vector control. This is largely due to the emerging threat of strong resistance to pesticides. Larvivores fish have been used for over 100 years in mosquito control and many species have proved effective. The Guppy fishes eat up the larvae and eggs of the mosquitoes and thus help in curbing Malaria. Guppy fishes thus control the spread of the disease. Fogging and anti-larvae measures to control these malarial vectors unable to provide an effective control of Students collected and lefts these fishes to study the breeding and development of fishes in the artificially maintained pond water in the college premises. As well as to aware the peoples about the guppy fishes as biological agent to be a standard approach to malaria control, the fishes distributed in slum areas near Chunabhatti and Ajni by the B. Sc. students (CZM and CBZ) under the guidance of Dr.R.P Bhagat.

Following students were actively participated and completed the project based on above topic.

Class: B.Sc.-IV (Zoology) CBZ and CZM.

Candidates: 5

1. Ayushi L. Hedau
2. Aditi S. Giri
3. Rohit P. Jambule
4. Ritika Tandekar

HOD

Dr. A. D. Bobdey  
Professor & Head  
Department of Zoology,  
Shri Shivaji Science College,  
Congress Nagar, Nagpur-12.

CONVENER

Dr.R.P Bhagat.

Collection and Distribution of Guppy Fishes by Students  
Extension Activity to Control Dengue, Malaria and Filariasis.



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Dhantoli, Nagpur, Maharashtra 440012, India  
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Long 79.081982°  
02/08/22 09:47 AM GMT +05:30



Shri Shivaji Education Society Amravati's  
Science College Congress Nagar, Nagpur  
Department of Zoology  
Session: 2022- 2023

### Notice

**Date: 25 /07/22**

All the students of UG are hereby informed that they gather in Zoology Laboratory for distribution of guppy fishes on 2/08/22.

**Venue: Zoology department laboratory**

**Time : 9:30 am**

*Rupali*

Convener


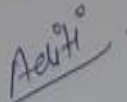
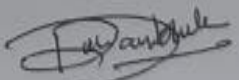
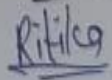
*@luc*

Head

Prof. A.D. Bobdey

Dr. A. D. Bobdey  
Professor & Head  
Department of Zoology,  
Shri Shivaji Science College,  
Congress Nagar, Nagpur-12.

## Attendance

1) Ayushi L. Hedau	CBZ IV sem	
2) Aditi S. Guxi	CBZ IV Sem	
3) Rohit P. Jambhule	CBZ IV sem	
4) Ritika Tandekasi	CBZ IV sem	

Shri Shivaji Education Society Amravati's  
Science College Congress Nagar, Nagpur

**Zoology Department Program Feedback Form**

We hope you enjoyed our program. Please take a moment to share your thoughts with us.

**Personal Information**

1. **Name:** \_\_\_\_\_
2. **Email:** \_\_\_\_\_
3. **Program:** \_\_\_\_\_
4. **Date:** \_\_\_\_\_

**Program Evaluation**

- **Overall, how satisfied were you with the program?**
  - [ ] Very Satisfied
  - [ ] Satisfied
  - [ ] Neutral
  - [ ] Dissatisfied
- **How relevant was the content of the program to your needs?**
  - [ ] Extremely Relevant
  - [ ] Very Relevant
  - [ ] Somewhat Relevant
  - [ ] Not so Relevant
- **How would you rate the quality of the instruction?**
  - [ ] Excellent
  - [ ] Good
  - [ ] Average
  - [ ] Poor
- **Was the program length:**
  - [ ] Too Long
  - [ ] Just Right
  - [ ] Too Short
- **How likely are you to recommend this program to others?**
  - [ ] Very Likely
  - [ ] Likely
  - [ ] Neutral
  - [ ] Unlikely

**Open-Ended Questions**

- **What did you like most about the program?** \_\_\_\_\_
- **What did you like least about the program?** \_\_\_\_\_
- **Do you have any suggestions for improving the program?**  
\_\_\_\_\_

**Additional Comments**

- **Please share any additional comments or suggestions below:**  
\_\_\_\_\_