

K. T. S. P. Mandal's
Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar

A. Y. 2024- 2025

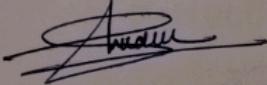
Department of Zoology

Date: 11/01/2025

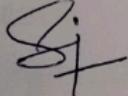
Notice

All the Students of S. Y. B. Sc. are hereby informed that Department of Zoology & Internal Quality Assurance Cell (IQAC) organizing the one Week workshop on "Aquarium Management" from 16th January to 22nd January, 2025. The students which are willing to participate in the workshop communicate with Zoology department for the registration.

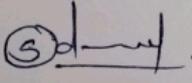
(Note- Registration fee for each student is 100/-)


Prof. P. P. Shindekar

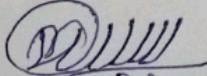
HOD Zoology


Dr. S. M. Jagtap

Science In-charge


Prof. S.S. Deshmukh

IQAC Coordinator


Dr. H. M. Jare

Principal

PRINCIPAL
K.T.S.P. Mandal's

Sahebraoji Buttepatil Mahavidyalaya
Rajgurunagar, Tal. Khed, Dist. Pune



K.T.S.P MANDAL'S



SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA

A.Y.2024-25

**DEPARTMENT OF ZOOLOGY
& Internal Quality Assurance Cell [IQAC]**

Organizing one week certificate course on

“AQUARIUM MANAGEMENT”

Venue:- SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA

Department of Zoology

START FROM: - 16th JANUARY TO 22nd JANUARY

INAUGURATION: - 16th JANUARY at 10 AM

CHIEF GUEST- Principal Dr. H. M. Jare

Workshop time:-12 PM TO 4 PM

OBJECTIVES

- Aquarium maintenance
- Perfecting fish care
- To Startup cottage industry

Prof. P.P.SHINDEKAR	Dr.S. M. JAGTAP	Prof. S.S.Deshmukh	Dr.H.M.JARE
Dept. of Zoology	Science In-charge	IQAC Cordinator	Principal

FOR MORE INFORMATION CONTACT Prof P. P. SHINDEKAR [7057035232]



K. T. S. P. Mandal's

Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar

A. Y. 2024- 2025

Department of Zoology

Workshop on Aquarium Management (2 credits)

Course objectives:

- To see and practice the paths that lead to the success of any entrepreneurship on live animals like ornamental fishes
- To develop the knowledge of aquarium fish keeping techniques in an operational aquarium for more profit management, feed requirements, etc.
- To make the students well versed in their practical skills starting from setting of aquaria to the aquarium fish production

Learning outcomes:

By successful completion of the course, students will be able to:

- Enlighten themselves about the operation of setting, maintenance, feeding and biology of ornamental fishes.
- learn aquarium fish production and fish keeping industry which will generate a source of employment opportunities in rural areas and employment.
- understand the field level structure and functioning of insurance sector and its role in protecting the risks.



6. Physico-chemical parameters of water for fish culture:

3L

6.1 Acidity, Alkalinity, Calcium, Nitrate, Ammonia, Total hardness.

7. Aquarium Fish Diseases

3L

I) Parasitic diseases; II) Bacterial diseases; III) Viral diseases; IV) Protozoan diseases; V) Fungal diseases; V) Deficiency diseases



K.T.S.P. MANDALS

Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar

A. Y. 2024-2025

Department of Zoology

Report on Aquarium Management workshop

Sr. no.	Content	Particulars
1.	Date	16 th January to 22 nd January
2.	Name of the event	Aquarium Management workshop
3.	Venue	Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar
4.	Time	12:00am to 1:00pm
5.	Duration of the program	Seven days
6.	Expense	2500/-
7.	Source of financial assistance	K.T.S.P. MANDALS Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar
8.	Name of the resource person	Mr. Vikas Kamble & Mrs. Ayesha Kamble
9.	Name of the coordinator	Prof. Shindekar P. P.
10.	Name of the participants	S.Y.B.Sc students
11.	Curricular/extracurricular /co-curricular	Curricular
12.	Activity belongs to which criteria of NAAC	2

The Department of Zoology and Internal Quality Assurance Cell (IQAC) organized a one-week workshop on **Aquarium Management** from 16th January to 22nd January aimed at providing hands-on knowledge and practical skills in setting up and maintaining aquariums. The workshop was well-attended by S.Y. B. Sc students

Objectives of this workshop is To educate participants on the basic and advanced concepts of aquarium management. To demonstrate the setup, maintenance, and care of freshwater aquariums. To promote interest in aquatic biodiversity and conservation. Also provide career guidance related to aquaculture and aquarium-based industries.

The workshop was conducted by experienced professionals in the field, including Mr. **Vikas Kamble**, Mrs. Ayesha Kamble and Prof. P. P. Shindekar Faculty from the Zoology Department.

The Aquarium Management Workshop was inaugurated on 16th January 2025 at Zoology department in the presence of the Principal Dr. H. M. Jare, Hutatma Rajguru



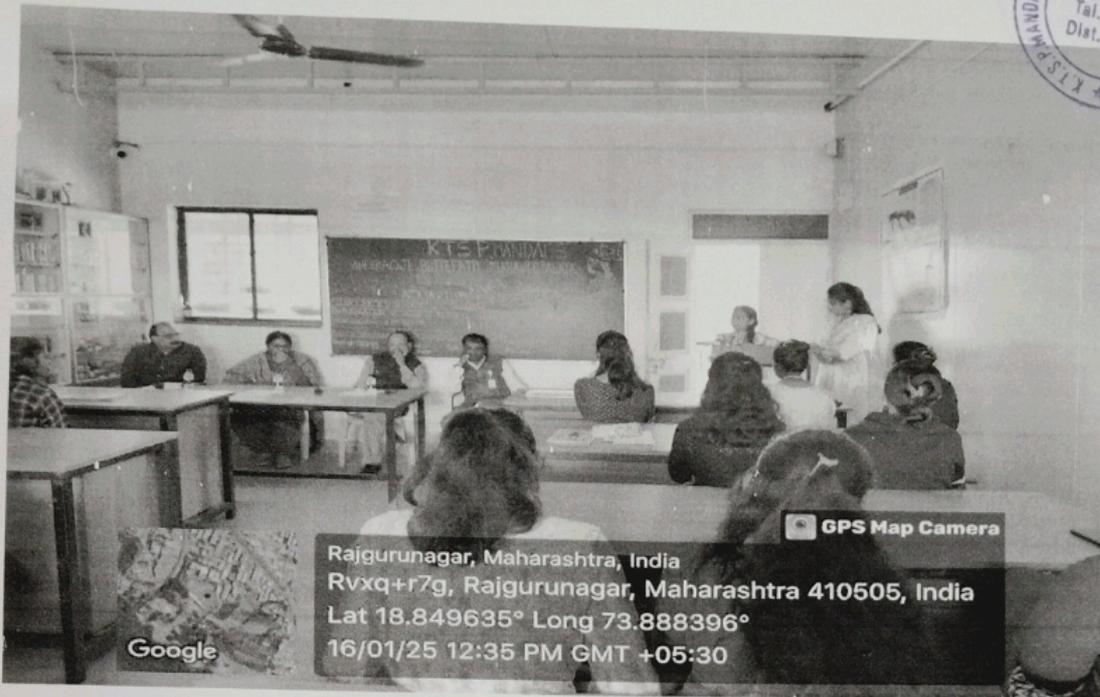
Mahavidyalaya Principal Dr. S. S. Pingale, Science In-Charge Dr. S. M. Jagtap and IQAC Coordinator Prof. S. S. Deshmukh. The ceremony began with the lighting of the lamp, followed by a welcome address by the Prof. P. P. Shindekar Head of the Zoology Department. The Principal delivered an inspiring speech highlighting the importance of practical learning and environmental awareness. The Science In-Charge and IQAC Coordinator also shared their thoughts and appreciated the initiative. The session concluded with a vote of thanks by the Head department of zoology, setting a positive tone for the day's events.



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Rajgurunagar, Maharashtra, India
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- **Session I:** Introduction to Aquarium Types and Components.
- **Session II:** Water Quality Parameters and Maintenance.
- **Session III:** Fish Selection, Feeding, and Health Care.
- **Session IV:** Hands-on Demonstration – Setting up a Freshwater Aquarium.

- **Session IV:** Diseases in fish and their symptoms.



Interactive Session:

- Q&A with the resource persons.
- Sharing of participant experiences and queries.

Setup of aquarium: S.Y.B. Sc students setup the aquarium in the zoology department.

Participants gained valuable practical knowledge of aquarium setup and care.

Increased awareness of sustainable fish-keeping practices.



Encouraged students to pursue projects and careers in aquaculture, zoology, and environmental science.

Feedback from attendees was overwhelmingly positive, with requests for advanced-level sessions in the future.

Conclusion:

The Aquarium Management Workshop was a resounding success, fulfilling its objective of imparting practical and theoretical knowledge on the subject. The Department of Zoology looks forward to organizing more such workshops and training programs that enhance student skills and promote ecological awareness.

Prof. P. P. Shindekar

8.	Dhobale Asmita Suresh	<u>Dhobale</u>						
9.	Sonawane Daksha Sunil	<u>Sonawane</u>						
10.	Pathare Bhumiika Dattatray	<u>Pathare</u>						
11.	Shinde Tanuja Dadabhau	<u>Shinde</u>						
12.	Ingale Shraddha Hemant	<u>Ingale</u>						
13.	Nanaware Vidya Shivaji	<u>Nanaware</u>						
14.	Shaikh Akib Ramjan	<u>Akib</u>						
15.	Satkar Diksha Dipak	<u>Satkar</u>						
16.	Dighekar Snehal Santosh	<u>Dighekar</u>						
17.	Inamdar Fiza Samir							
18.	Gawade Dhanashri Sanjay	<u>Gawade</u>						
19.	Wagh Mahesh Shamrao	<u>Wagh</u>						
20.	Kadlag Heramb Shashikant	<u>Kadlag</u>						
21.	Paradhi Vishal Suresh	<u>Paradhi</u>						
22.	Jadhav Sonali Kailas	S.K.Jadhav						
23.	Budhewar Tanuja Maroti	<u>Budhewar</u>						
24.	Pawar Pratiksha Dattatray	<u>Pawar</u>						



24.	sakshi Kaudane	sakshi						
25.	Pragati Kedani	<u>Pradani</u>						
26.								
27.								
28.								
29.								



K. T. S. P. Mandal's

Sahebraoji Buttepatil Mahavidyalaya
RAJGURUNAGAR, TAL. KHED, DIST. PUNE

Academic Year 2024-2025

Department of Zoology

Feedback form of Aquarium Management workshop

Date: 16th and 22nd February 2025

Name of Participant: Asawale Vidya Devram

Class: S.Y. BSc

Roll No: 09

Sr. No.	Particulars	Excellent	Good	Average
1.	Content of Workshop compared with your expectations?		✓	
2.	The content level of Workshop?	✓		
3.	The workshop exposed you to new knowledge and practices?	✓		
4.	Will you recommend this workshop to your friends?		✓	
5.	Were objectives of workshop clear to you?		✓	
6.	Your knowledge about the soft skills before attending the workshop.	✓		
7.	Your knowledge about the soft skills after attending the workshop.		✓	

Please comment on the how workshop was conducted and give suggestions for improvement of workshop

Workshop was informative and well-organized. We were introduced to basic concept of aquarium set-up fish care, how to maintain aquarium. we are interested to build aquarium in my/our home

Vidya Asawale
Asawale

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Sahebraoji Buttepatil Mahavidyalaya
RAJGURUNAGAR, TAL. KHED, DIST. PUNE
Academic Year 2024-2025
Department of Zoology

Feedback form of Aquarium Management workshop

Date: 16th and 22nd February 2025

Name of Participant: Dhadwad Sakshi Dinesh

Class: S.Y. BSc

Roll No: 08

Sr. No.	Particulars	Excellent	Good	Average
1.	Content of Workshop compared with your expectations?		✓	
2.	The content level of Workshop?	✓		
3.	The workshop exposed you to new knowledge and practices?		✓	
4.	Will you recommend this workshop to your friends?		✓	
5.	Were objectives of workshop clear to you?		✓	
6.	Your knowledge about the soft skills before attending the workshop.	✓		
7.	Your knowledge about the soft skills after attending the workshop.		✓	

Please comment on the how workshop was conducted and give suggestions for improvement of workshop

The session/workshop successfully combined theory with practice, keeping participants engaged throughout. Feeding schedules, water quality tips & diseases of fish these basic concept get known.

Sakshi Dhadwad
Dhadwad