

**SIKSHAN PRASARAK SANSTHA'S**  
**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA, KAVATHE**  
**MAHANKAL**  
**DEPARTMENT OF ZOOLOGY**

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Date: 08/12/20254

To,  
The Principal,  
P.V.P. Mahavidyalaya,  
KavatheMahankal.

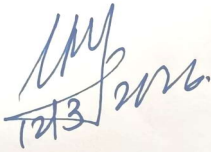
**Subject:** Regarding permission to Field visit for B.Sc. II (Major and Minor)

Respected Sir,

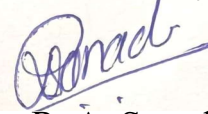
With respect to above mentioned subject, Department of Zoology, PVP Mahavidyalaya, KavatheMahankal, is going to organise Field visit as per syllabus prescribed by the Shivaji University, Kolhapur for the fulfilment of B.Sc-II and III course at Poultry farm, Raywadi and Dandoba Wildlife sanctuary, Kharshing on **11/10/2025**. Kindly grant the permission for the same and oblige.

Thanking you,

*Swadhinendra D. Sanadi*



Yours faithfully,



Dr. R. A. Sanadi

**Head**

**Department of Zoology**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

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Date: 08/12/20254

## NOTICE

All students of **B.Sc. II (Major and Minor)** hereby informed that, as per syllabus of Shivaji University, Kolhapur, Department of Zoology Field visit as per syllabus prescribed by the Shivaji University, Kolhapur for the fulfilment of B.Sc-II and III course at Poultryfarm, Raywadi and Dandoba Wildlife sanctuary, Kharshing on **11/10/2025**.

(**Note:** Those students will not Come for Field visit for their academic loss, Department and College will not responsible)

*Swachhane d. 04,*  
*11/10/2025*

*Sanadi*

Dr. R. A. Sanadi

**Head**  
**Head of Department of Zoology**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

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Date: 08/12/20254

माननीय संचालक,  
मा.राजेंद्र गुरव साहेब,  
कोर्मला फीड अँड फूड नागज फार्म,  
कुक्कुटपालन केंद्र, वाघोली केरेवाडी रस्ता.

**विषय : कुक्कुटपालन केंद्र भेटीसाठी परवानगी संदर्भात.**

महोदय,

आमच्या पद्मभूषण वसंतराव पाटील महाविद्यालय, कवठे महांकाळ येथील प्राणीशास्त्र विभागातर्फे बी.एस्सी. III and II विद्यार्थ्यांसाठी “कुक्कुटपालनाचे व्यवस्थापन” या अभ्यासक्रमातील प्रात्यक्षिक अभ्यासासाठी आपल्या केंद्राला शैक्षणिक भेट देण्याचे नियोजन करण्यात आले आहे.

तरी कृपया आम्हाला आपल्या कुक्कुटपालन केंद्रास भेट देण्यास दिनांक 11/10/2025 रोजी परवानगी द्यावी. या भेटीदरम्यान विद्यार्थ्यांना कुक्कुटपालनाचे प्रकार, खाद्य व्यवस्थापन, रोगनियंत्रण, अंडी उत्पादन तसेच विपणन पद्धती याबाबत प्रत्यक्ष ज्ञान मिळेल. भेटीसाठी विभागप्रमुख, शिक्षकवर्ग तसेच विद्यार्थी येणार आहेत. आपणास आमचा हा शैक्षणिक उद्देश लक्षात घेऊन भेटीस मान्यता द्यावी, ही विनंती.

आपला विश्वासू,



डॉ. रेश्मा असलम सन दी

प्रमुख, प्राणीशास्त्र विभाग

पद्मभूषण वसंतराव पाटील महाविद्यालय,  
कवठे महांकाळ.



# PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA

KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405

Principal Prof.(Dr.) M. K. Patil M.Sc., M.Phil., Ph.D.

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Jr. College Index No. J 22.04.002 Website: www.pvpkm.ac.in

Ref No.PVPMKM/

Date:

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Department of Zoology, Padmabhushan Vasantao Patil Mahavidyalaya, Kavathe Mahankal, under the guidance of Dr. Reshma Aslam Sanadi, is organizing an educational Field visit/ Excursion tour for the B.Sc. II (Major and Minor) and III Zoology students as part of their academic curriculum.

The objective of this visit is to enhance the students' practical knowledge, observational skills, and understanding of applied zoology through exposure to institutional and field-based learning environments.

A group students, accompanied by faculty members, will visit your esteemed institute/organization on 11/10/2025 for academic and educational purposes. This Visit is part of practical syllabus and mandatory for B.Sc. II and III students.

We kindly request your cooperation and permission to allow the students and staff to visit and interact with your team during the scheduled visit.

Thanking you in anticipation of your support and valuable time.

Date:Kavathe Mahankal

Place: 12/10/2025

Yours faithfully,

**Head**  
**Department of Zoology**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist.Sangli**

**SIKSHAN PRASARAK SANSTHA'S**  
**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA, KAVATHE**  
**MAHANKAL**  
**DEPARTMENT OF ZOOLOGY**

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**Date: 12/10/2025**

To,  
The Principle,  
P. V. P. Mahavidyalaya,  
Kavathe Mahankal.

**Subject:** Regarding B.Sc. II excursion visit report Dept. of Zoology-2025-26.

Respected Sir,

With respect to above mentioned subject, herewith we are going to submit the B.Sc. II excursion report. The Excursion was held during 11/10/2025 at Adhar Hatcharies, Borgaon, Komarla Feed Industry and Dandoba Hill Forest, District: Snagali Maharashtra. During this excursion we studied and observed following diversity.

Adhar Poultry Hatcheries Centr, Borgaon, is a modern poultry seed production unit that focuses on the scientific management of breeder birds, egg incubation, chick hatching, and distribution of day-old chicks to poultry farms. The centre plays a major role in supporting the poultry industry by ensuring the supply of healthy, high-quality chicks with good growth potential and disease resistance.

The hatchery begins its work by maintaining breeder flocks in clean, well-ventilated sheds. These breeder birds—usually improved commercial strains like broilers or layers—are provided with balanced feed, clean water, proper vaccination, and regular health check-ups. The birds are kept under ideal lighting and temperature conditions to ensure good egg production and fertility. Only eggs that are clean, properly shaped, and free from cracks are selected as hatching eggs.

The collected eggs are first stored in a cool, temperature-controlled egg storage room. From here, they are placed into the setter incubators. The setter is the first stage of incubation where eggs remain for the initial 18 days. Inside the setter, temperature, humidity, and

turning of eggs are completely controlled by automated systems. Turning the eggs at regular intervals ensures proper embryo development. After 18 days, the eggs are transferred to hatchers—special incubators where the chicks complete their final development and hatch. Maintaining the right temperature and humidity is extremely important during this stage. Hatchers are disinfected regularly to prevent infections. Chicks usually hatch on the 21st day of incubation.

Once the chicks emerge, they are moved to the brooding and grading area. Here, the hatchery staff checks them for health, activity, body weight, and deformities. Only strong and active chicks are selected as marketable. Weak or unfit chicks are separated to maintain quality standards. Chicks are then vaccinated—commonly against Marek’s disease—before being packed. The hatchery uses special chick boxes for packing. Each box contains ventilation holes to maintain airflow and prevent suffocation during transport. Chicks are distributed to poultry farms early in the morning to avoid heat stress. Proper labeling on boxes indicates breed, date of hatching, batch number, and vaccination details.

Hygiene is an essential part of Adhar Poultry Hatcheries. The entire hatchery is sanitized regularly. Workers use gloves, masks, and disinfectant foot dips to prevent contamination. Equipment such as incubators, trays, and chick boxes undergo frequent cleaning and fumigation. Biosecurity measures like restricted entry, controlled movement, and vehicle disinfection ensure disease prevention. Overall, Adhar Poultry Hatcheries Centre is a well-managed unit where scientific incubation methods are used to produce high-quality chicks. The centre supports the poultry farming community by supplying healthy day-old chicks that grow faster and perform well in broiler or layer farms. It also contributes to regional agriculture and rural livelihoods by strengthening the poultry production chain.

Komarla Feed Industry, located at Sidhawwadi in Miraj, is a modern feed manufacturing unit that produces balanced nutritional feed for poultry, cattle, and fish. The industry follows a scientific and systematic approach to feed formulation and production, making it one of the trusted feed suppliers in the region.

The feed industry begins its operations with the procurement of raw materials such as maize, soybean meal, groundnut cake, rice bran, mineral mixtures, and vitamin supplements. These ingredients are checked for quality, moisture content, and contamination before they are accepted into the facility. Proper storage ensures that raw materials remain fresh and free from pests.

The next major step is grinding. Hammer mills and grinders crush large raw materials into fine particles that are easier to digest. After grinding, the ingredients are measured in accurate proportions according to the feed formula and transferred to a mechanical mixer. The mixer ensures uniform blending of all ingredients, creating a nutritionally balanced mixture.

In many cases, the mixed feed is processed into pellets. Pelleting involves passing the feed through a pellet mill where steam and pressure bind the ingredients together. Pellets improve digestibility, reduce feed wastage, and enhance the overall health of animals. Once pellets are formed, they are passed through cooling machines to reduce heat and moisture. Quality control is a major component of Komarla Feed Industry. A laboratory inside the plant checks samples of each batch for crude protein, fat, fiber, minerals, and the presence of toxins. This ensures that the feed meets nutritional standards and is safe for animals. The final product is packed in labeled bags ranging from 25–50 kg and stored in clean, dry warehouses. A First-In-First-Out storage system is followed to maintain freshness.

Komarla produces a wide variety of feeds such as poultry starter, grower, and finisher feed, layer feed, dairy cattle feed, calf starter, and fish feed. The industry follows strict hygiene measures like wearing protective gear, regular cleaning, and maintaining dry conditions to avoid contamination.

Overall, Komarla Feed Industry plays a vital role in supporting poultry and dairy farmers by supplying them with high-quality, scientifically formulated feed. The industry contributes significantly to livestock productivity, regional food security, and rural economic development.

The Dandoba Forest is a significant ecological zone located in the Sangli district of Maharashtra. It is known for its rich biodiversity, comprising various flora and fauna. This study tour was conducted as part of the Zoology I curriculum to observe and analyze the biodiversity of the region, study ecological interactions, and understand conservation challenges. Dandoba Forest exhibits rich biodiversity, hosting a variety of animals and insects that contribute to ecosystem stability. The presence of mammals, reptiles, amphibians, and a diverse range of insects highlights the forest's importance as a wildlife habitat. Where students were observed and studied various animal diversity in their natural habitat

### **A) Invertebrates**

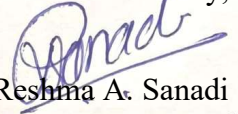
**Phylum: Arthropod:** Common grass yellow and plain tiger butterflies Apis, Ant, Termites, Beetels, Spider, Crab, Dragon fly and mud wasp.

**B) Vertebrates:**

**1. Phylum : Chordata**

**Class : Aves:** Gray Hornbill, Rock pigeon, Grey wagtail, Yellow wagtail, common Kingfisher, white throated Kingfisher, Common Crow, Jungle crow, Black Drongo, Pond heron, Swallow, Bushchat, Common Myna, Brahminy Kite, Red Vented Bulbul, Green Bee eater, Laughing dove, Indian robin, Pied Bushchat, Black Kite, cormorant, Indian Cuckoo, Purple heron, house sparrow, Indian Roller, Shikra, Purple sunbird, Ornate sunbird, common swift, Great egrate, Cattle egrate, Red wattled lapwing, Ashy-prinia, Jungle babbler, common quails(teeter), Munia etc.

Yours faithfully,



Dr. Reshma A. Sanadi

Dr. R. A. Sanadi

**Head**

**Department of Zoology**

**P.V.P. Mathevidyalaya**

**Kasurba Matankal Dist-Sargol**

## Photos





### Miraj, Maharashtra, India

Nh-166 Kalambi Nh-166 Kalambi, Near Reliance Petrol Pump,  
Miraj, Maharashtra 416410, India  
Lat 16.911797° Long 74.700378°  
11/10/2025 04:52 PM GMT +05:30



GPS Map Camera



### Miraj, Maharashtra, India

Nh-166 Kalambi Nh-166 Kalambi, Near Reliance Petrol Pump,  
Miraj, Maharashtra 416410, India  
Lat 16.911181° Long 74.700601°  
11/10/2025 04:44 PM GMT +05:30



GPS Map Camera