



**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**  
KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405  
**Principal Prof. (Dr.) M. K. Patil** M.Sc., M. Phil., Ph.D      Mob. **9421185277**  
Phone-02341-295220 Email: [kmpvp@rediffmail.com](mailto:kmpvp@rediffmail.com) Website: [www.pvpm.ac.in](http://www.pvpm.ac.in)  
**Jr. College Index No. J22.04.002**

## Criterion-VII: Institutional Values & Best Practices

### Key Indicator 7.3 Institutional Distinctiveness

**7.3.1 Performance of the institution in one area distinctive to its priority and thrust.**


### Integrated Rural Education: Nurturing Well Rounded Individuals

## Green Initiative INDEX

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**-PRINCIPAL**  
 Padmabhushan Vasantodada Patil  
 Mahavidyalaya, K. Mahankal, Dist. Sangli



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Photos of Environmental Promotion Activities: At the Campus Tree plantation and Other activities

**Environment Protection Oath**



**Agrani River Trustees Conference**



**Tree Plantation Program at Campus in Chief presence Prin. Dr. M. K. Patil**



**Tree Plantation Program in chief Presence Mr. Rohit R. Patil**



**Tree Plantation Program in Chief Presence Honorable Vice Chancellor Shivaji University Kolhapur**





**Mega Tree Plantation Drive on the Occasion of Tree plantation Program of Maharashtra Government**



**Tree Plantation on the occasion of International Women's Day**



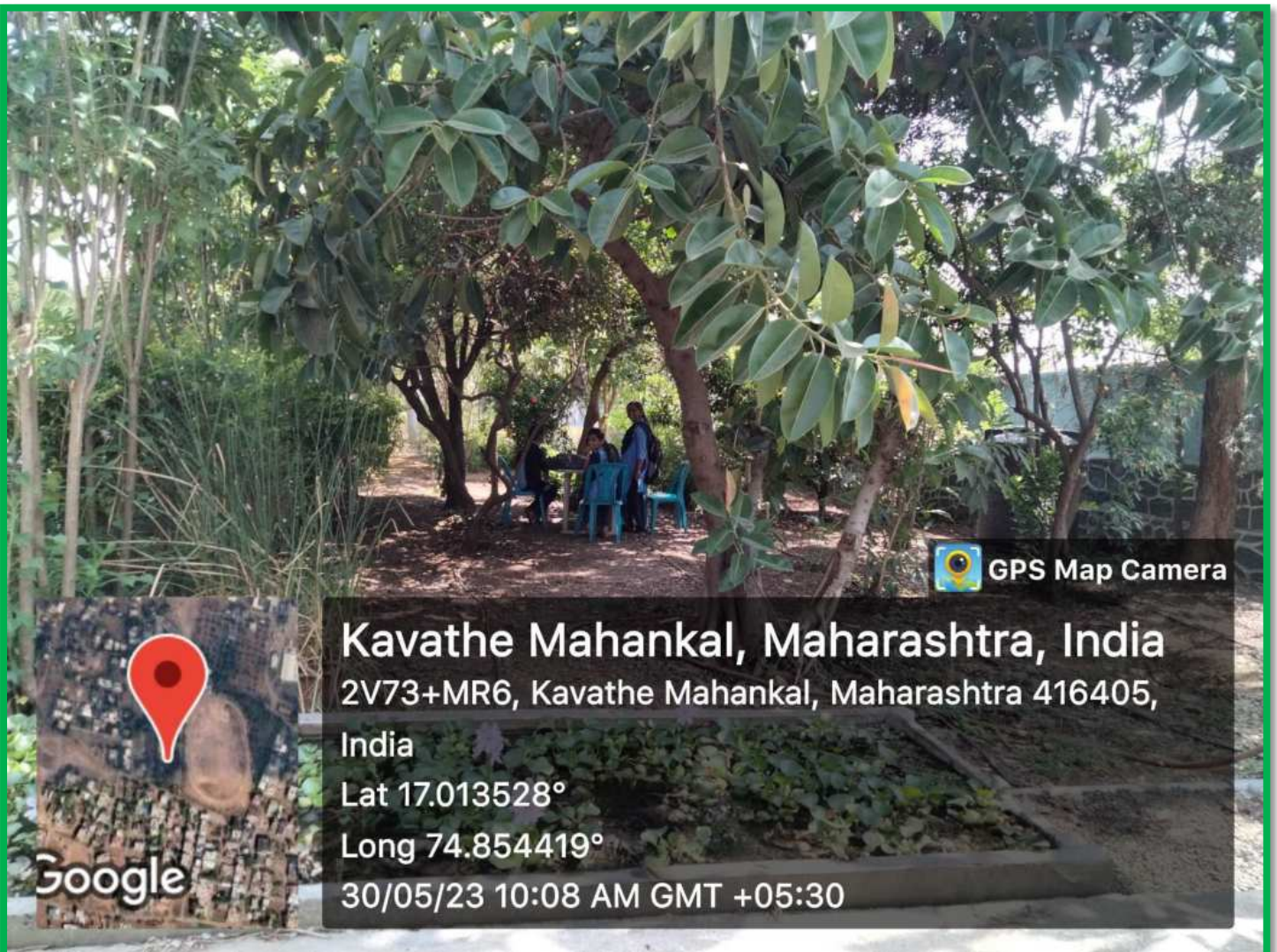
**Tree Plantation Done by Mr. G. R. Patil on the occasion his Retirement**

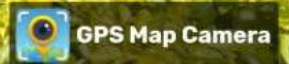


**Tree Plantation on the occasion of National Teachers Day by Pro-Vice chancellor Shivaji University  
Kolhapur**

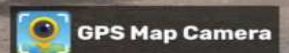


## Glimpses of College Campus

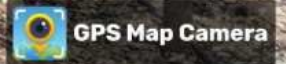




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Medicinal Plants Garden Maintained by Department of Botany



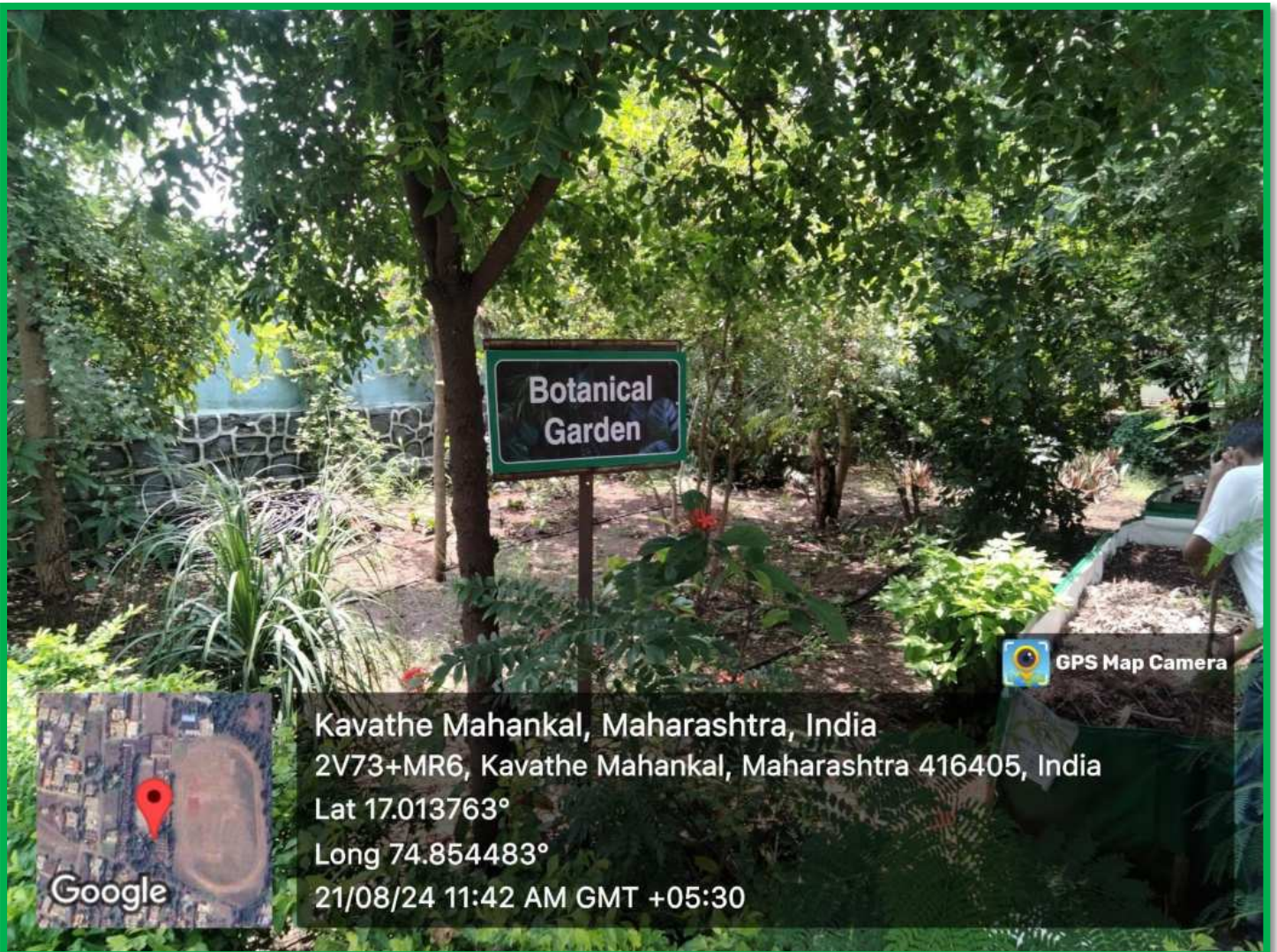
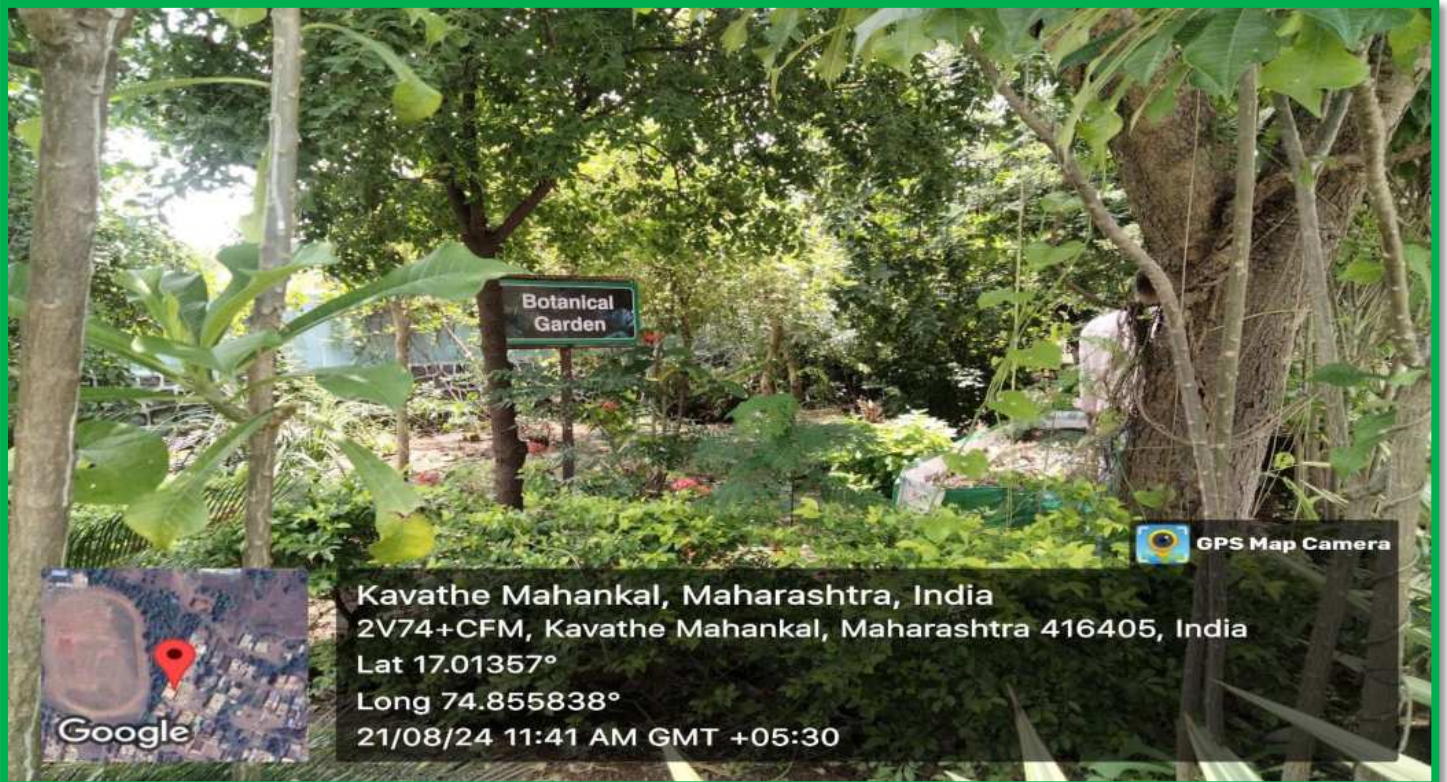
## Nursery Prepared by Students of Department of Botany



Oxygen Park (initiative to Spread awareness about plants which give more oxygen)



## Botanical Garden





**Kavathe Mahankal, Maharashtra, India**  
2V73+MR6, Kavathe Mahankal, Maharashtra 416405,  
India  
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### Vermicompost Plant



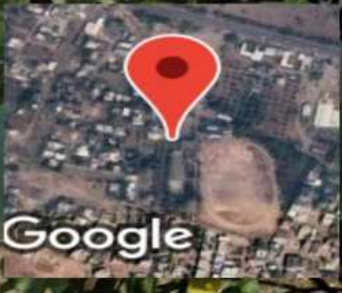
**Kavathe Mahankal, Maharashtra, India**  
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Signposts to promote “Principle of Go Green”



GREEN *Issue*  
SOLAR POWER EARTH *LOW IMPACT*  
SUSTAINABLE **RECYCLE**  
ECO **CLEAN** **WILD** *Life*  
ECO-FRIENDLY  
REUSE ORGANIC  
GREEN *Water*  
CONSERVE EARTH  
REDUCE WATER LOW IMPACT

GPS Map Camera



**Kavathe Mahankal, Maharashtra, India**  
2V73+VJJ, Kavathe Mahankal, Maharashtra 416405,  
India  
Lat 17.014417° अभ्यागतांनी व विद्यार्थ्यांनी स्वतःचे ओळखपत्र  
Long 74.854328° सुरक्षा रक्षकास निर्देशनास येईल असे धारण करावे.  
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वापर करावा.

**Tree Plantation Program by Faculty Members**



**Same Tree after One Year**



**Tree Planted by Mr. Bhagvan Sonand**



**Same Tree After 10 years**





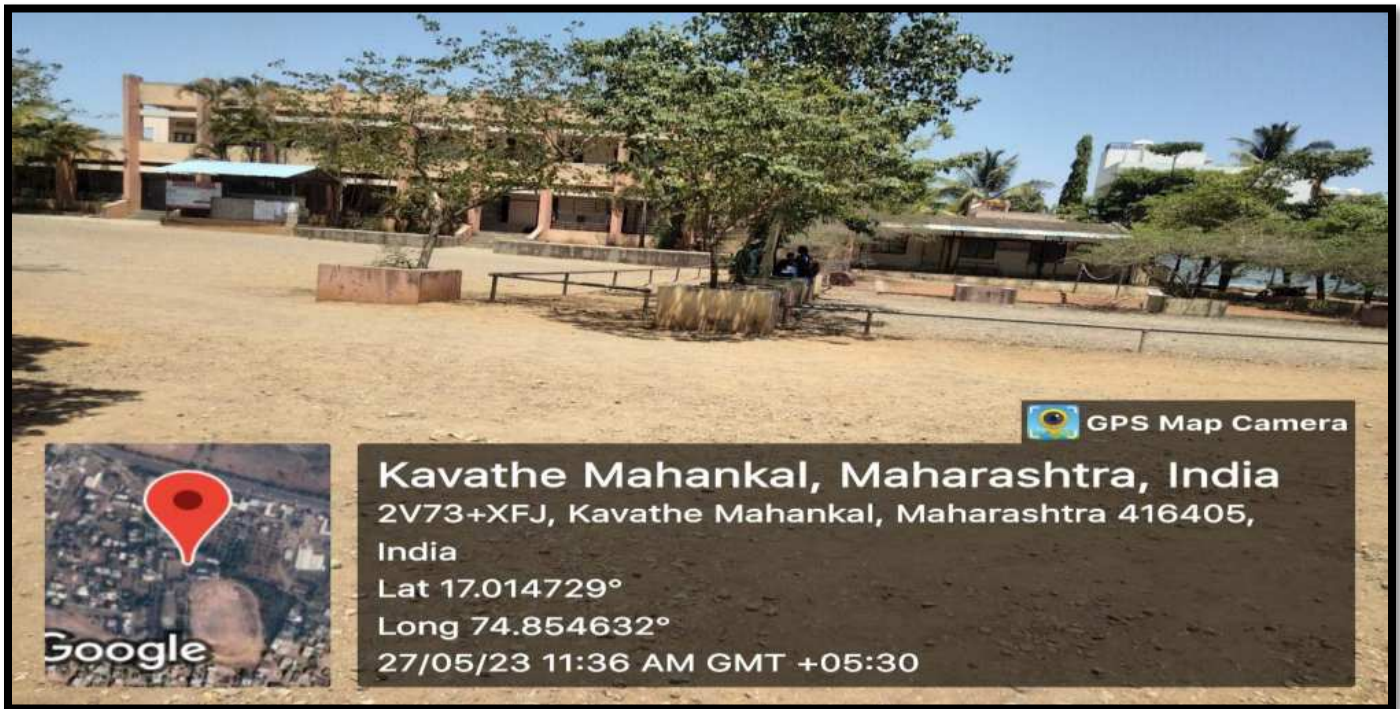
**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**  
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Phone-02341-295220 Email: kmpvp@rediffmail.com Website: www.pvpkm.ac.in**Jr.**  
**College Index No. J 22.04.002**

Photos of Environmental Promotion Activities: No Vehicle Day

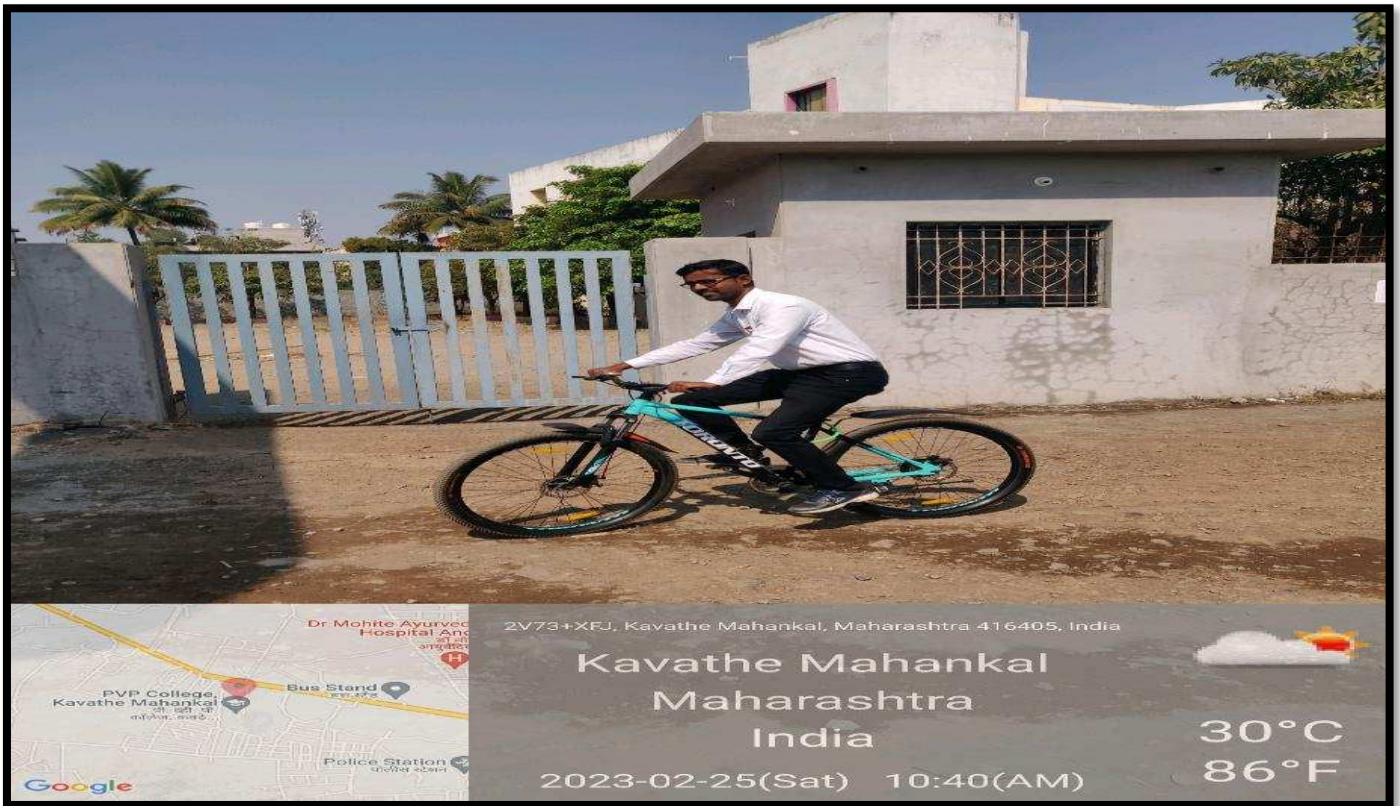
Digital Flex of Maintenance of No Vehicle Day



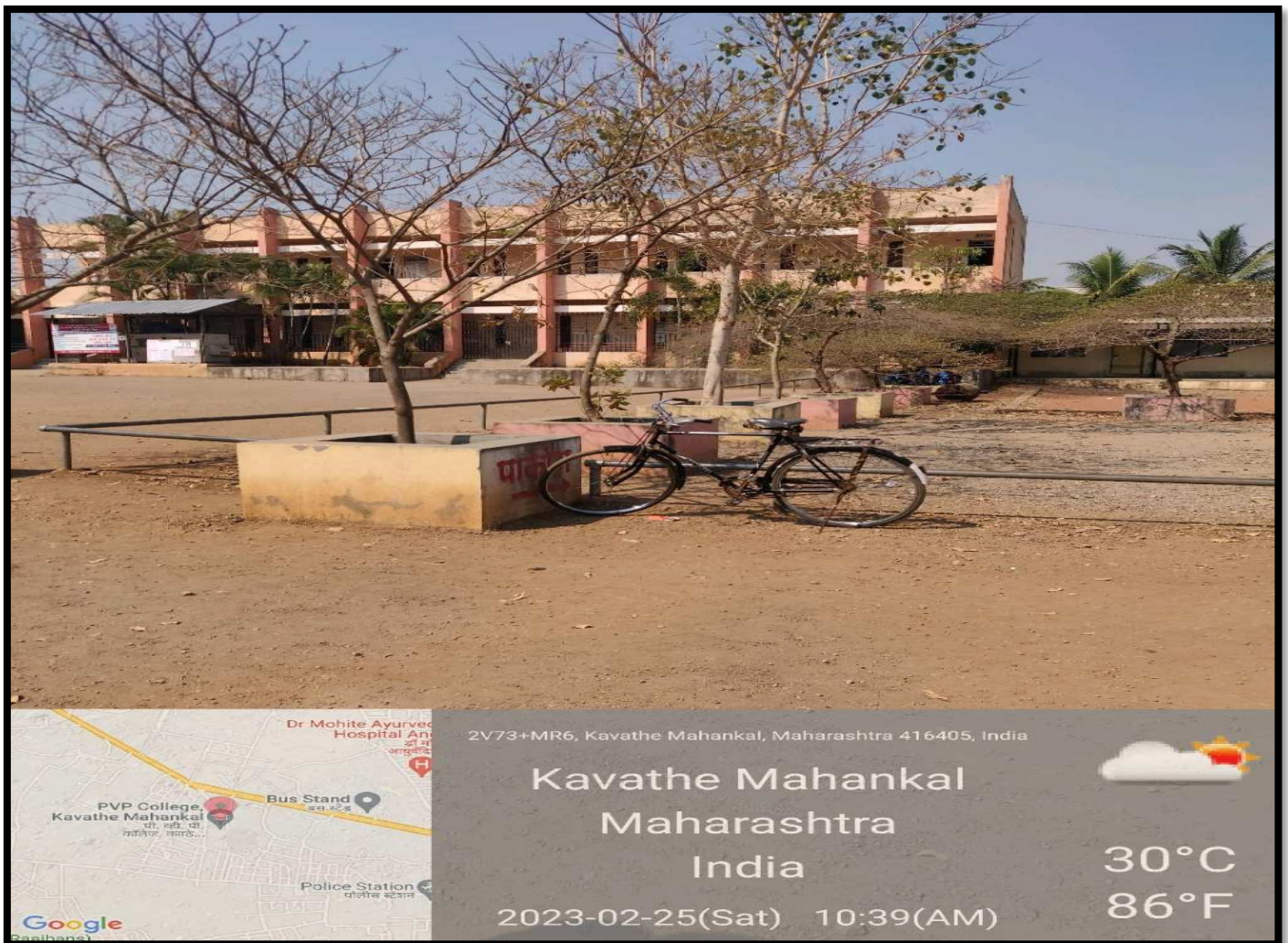
No Vehicles are in Campus on No Vehicle Day



Faculty Members with Bicycles on No Vehicle Day



# Parked Bicycles at College Campus





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**Jr. College Index No. J 22.04.002**

Website : www.pvpkm.org

Ref No. PVPMKM 575 / 2023-24 11

Date : 1.10.2023

To,  
Mr. Amol Jadhav  
Nature conservation Society,  
Sangli

Subject - Invitation as Resource Person...

Sir,

With respect to above mentioned subject, on behalf of our college, on the occasion of wildlife week we are very pleased to have the honour of inviting you as a resource person for the Guest lecture on "**Socioeconomic impact and importance of wildlife**". The lecture will be held on **Friday, 06<sup>th</sup> October, 2023** between 11.00 am to 1.00 pm.

We believe that your participation as resource person in this lecture would be a great opportunity for us. Your thoughts, expertise and experience enable to gain knowledge to one and all.

We look forward to your presence and guidance.

Yours faithfully,

Principal  
-PRINCIPAL


Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

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


Date:07/10/2023

**Report of the Activity**

<b>Title</b>	Guest lecture on "Socioeconomic impact and importance of wildlife"
<b>Day &amp; Date</b>	Friday, 06 <sup>th</sup> October, 2023
<b>Organizer</b>	Department of Zoology
<b>Chief Guest</b>	<b>Mr. Amol Jadhav</b> Nature conservation Society, Sangali
<b>Co-ordinator</b>	<b>Prof. (Dr.) Suverna B. More</b> Head, Department of Zoology, P. V. P. Mahavidyalaya, KavatheMahankal
<b>President</b>	<b>Principal Prof.(Dr.) M. K. Patil</b> P. V. P. Mahavidyalaya, KavatheMahankal
<b>Present Students</b>	
<b>Background</b>	Guest lectures are often a welcome and inspiring event in a course, potentially demonstrating the real-life relevance with wildlife. It can however be challenging to successfully incorporate a guest lecture. The Department of Zoology of the institute dedicated to promoting interest in life science and wildlife and recently organized a guest lecture on topic "Socioeconomic impact and importance of wildlife"
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To create awareness about importance of Careeropportunities in Zoology</li><li>2. To encourage more economic activities in rural communities, create more rural employment opportunities.</li></ol>
<b>Conclusion</b>	Total students were participated in the present event. This event provide fostering professional relationships between the speaker and the student beyond the classroom experience. The Guest Speaker dons the hat of bringing socioeconomic impact and importance of wildlife. This platform to invite impactful speakers for the interactive sessions helps strengthen the students' knowledge. Student's active involvement in learning from the speakers on the Climate change, Global warming, Impact of civilization on Environment, Plastic pollution, Endangered animals.

  
Prof. (Dr.) S. B. More  
Co-Ordinator & Head

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

  
Prof. (Dr.) M. K. Patil

**Principal**  
**-PRINCIPAL**  
**Padmabhushan Vasanttraodada Patil**  
**Mahavidyalaya, K. Mahankal, Dist. Sangli**

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

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Date:07/10/2023

**Report of the Activity**

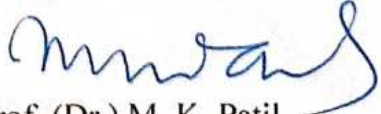
The Department of Zoology, Padmabhushan Vasanthaodada Patil Mahavidyalaya, Kavathe Mahankal is going to organize a Guest lecture on "Socioeconomic impact and importance of wildlife" as a Departmental Activity on 6<sup>th</sup> October, 2023. This event aimed to promoting interest in wildlife.

The objective to create awareness of biodiversity and wildlife are often a welcome and inspiring event in a course, potentially demonstrating the real-life relevance with wild life. It can however be challenging to successfully incorporate a guest lecture. The Department of Zoology of the institute dedicated to promoting interest in life science and wildlife.

Total students were participated in the present event. This event provide fostering professional relationships between the speaker and the student beyond the classroom experience. The Guest Speaker dons the hat of bringing socioeconomic impact and importance of wildlife. This platform to invite impactful speakers for the interactive sessions helps strengthen the students' knowledge. Student's active involvement in learning from the speakers on the Climate change, Global warming, Impact of civilization on Environment, Plastic pollution, Endangered animals.

  
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Co-Ordinator & Head

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

  
Prof. (Dr.) M. K. Patil  
Principal  
**PRINCIPAL**  
**Padmabhushan Vasanthaodada Patil**  
**Mahavidyalaya, K. Mahankal, Dist. Sangli**



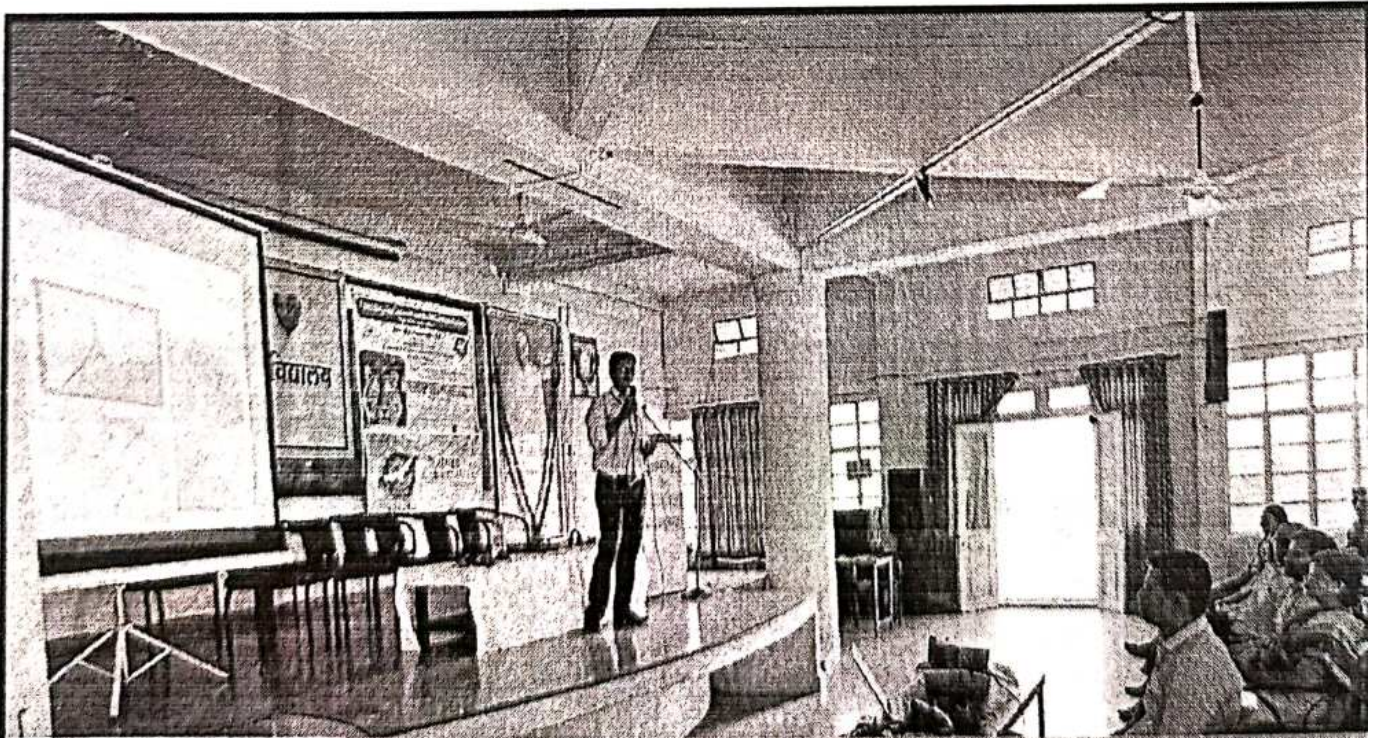
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Kavathe Mahankal  
Maharashtra  
India

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Maharashtra  
India

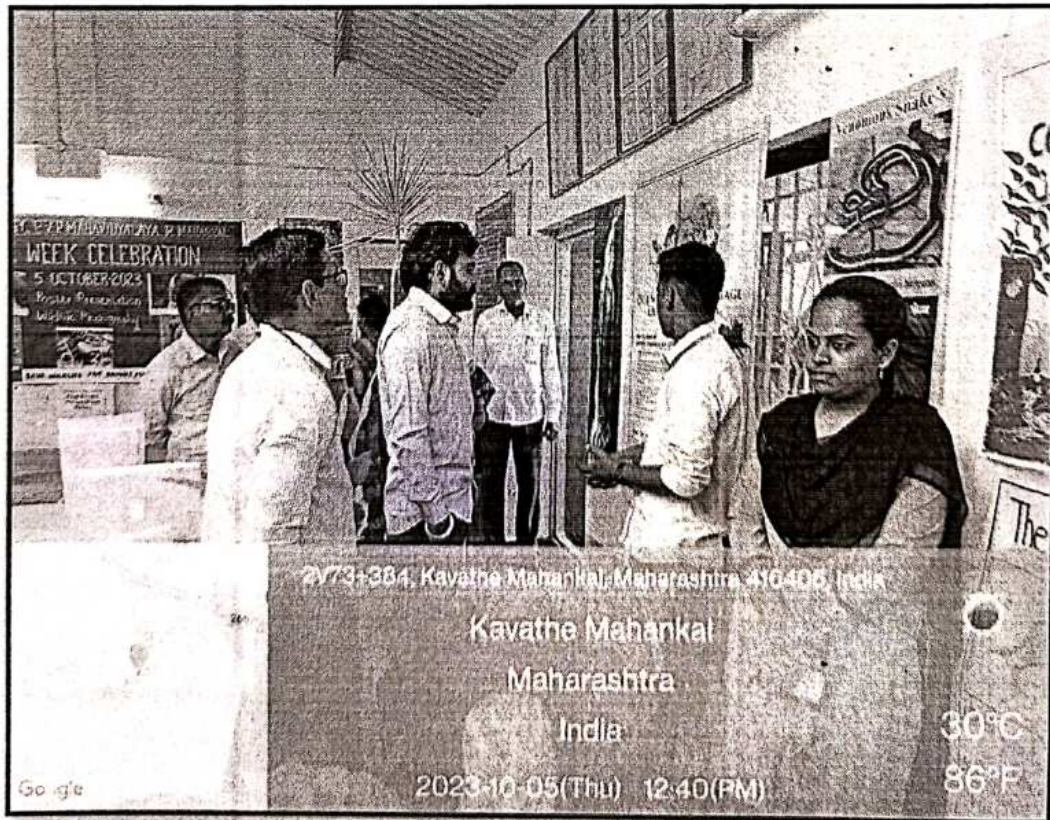
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Date 05/10/2023

Celebration of World Wildlife Week  
"Inauguration of Poster presentation competitions and Wild life photography"







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**Jr. College Index No. J 22.04.002**

Website : www.pvpkm.org

RefNo. PVPMKM/ 580/2023-24 II

Date : 6.10.2023

To,

Mr. Amol Jadhav

Nature conservation Society,

Sangali

Subject -Appreciation Letter

Respected Sir,

With respect to above mentioned subject, we would like to take this opportunity to thank you on behalf of our college for participating as resource person for the Guest lecture on the topic "**Socioeconomic impact and importance of wildlife**" on the occasion of Wildlife Week organized by Department of Zoology held on **Friday, 06<sup>th</sup> October, 2023** between 11.00 am to 1.00 pm.

We find that the whole area of your expertise is truly fascinating. Once again, thank you for making the guest lecture successful, and we appreciate your continued support.

Yours faithfully,

Principal  
-PRINCIPAL

Padmabhushan Vasanttraodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

# Wildlife week Celebration 6<sup>th</sup> Oct.to 15<sup>th</sup> Oct 2022



## Inauguration



## 1) Medicinal Plants



## 2) Aquatic Plants



## 3) Molluscan Shells



## 4) Rangoli

## 5) Wildlife Model of Jungle to conserve Wildlife



## 6) Wildlife Photography



## 7) Flex Posters of wildlife

### THE BIG FIVE

- 1 ELEPHANT**

  - ❖ When they are hot, elephants flap their ears to keep cool.
  - ❖ The skin of elephants is about an inch thick.
  - ❖ Elephants eat for up to 16 hours a day.


- 2 RHINO**

  - ❖ A group of rhino is sometimes called a crash.
  - ❖ When charging, a rhino can get up to 35 mph.
  - ❖ Female rhino are pregnant for 15-16 months.
  - ❖ While rhino can weigh over 3500 kg.


- 3 LEOPARD**

  - ❖ Leopards ears are five times more powerful than human ears.
  - ❖ Leopards spend a lot of time on trees.
  - ❖ Leopards are extremely good swimmers.


- 4 BUFFALO**

  - ❖ Cape Buffalo are known to kill lions.
  - ❖ The cape buffalo only mate and give birth in the rainy season.
  - ❖ The cape buffalo are always within a days walk of water.


- 5 LION**

  - ❖ Lions rest for approximately 20 hours a day.
  - ❖ When lions are born they have spots on their fur.
  - ❖ Lions live in the wild for around 13 years.



Shruti Sakate and Minal Patil - B.Sc I, Zoology



## 8) Wildlife Hand Drawing Posters



## 9) Identification of Venomous and Non Venomous Snakes



## Departmental visit of Students from other Institutes



## Certificate and Prize Distribution







Shot on OnePlus  
By @suvarna more



Shot on OnePlus  
By @suvarna.more



Shot on OnePlus  
By @suvarna more



Shot on OnePlus  
By @sivarna more



Shot on OnePlus  
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Shot on OnePlus  
By @anurag1999



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By @suvarna more



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By @sujarna more



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Kavathe Mahankal

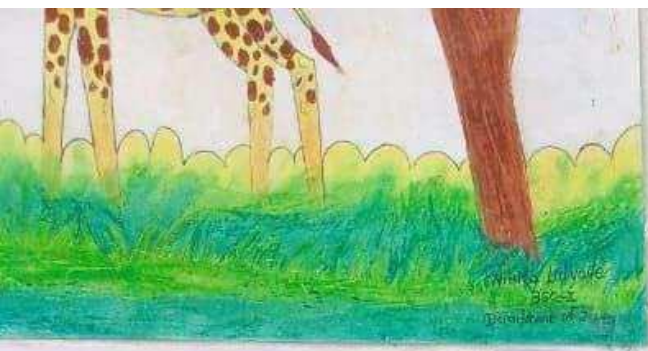
Maharashtra

India

2022-10-08(Sat) 10:05(AM)

23°C

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**Kavathe Mahankal**  
**Maharashtra**  
**India**

23°C  
 73°F

2022-10-08(Sat) 10:04(AM)



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# Kavathe Mahankal

## Maharashtra

India

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# Kavathe Mahankal

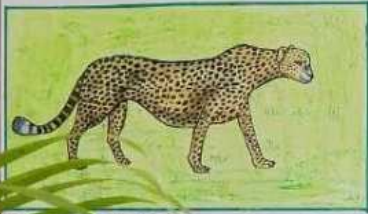
## Maharashtra

### India

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## The wildlife animal :- Cheetah



The planet's fastest land animal is built for super speed, rather than stamina. Cheetahs have a unique social life among cats.

The name cheetah comes from a Hindi word chita meaning 'spotted one'. Don't expect a cheetah to sprint. Cheetahs need their space. Cheetahs are under threat from the illegal wildlife trade. Cheetahs could be sprinting towards extinction. They have natural Camouflage.

-Vaibhavi Dhanraj Palkhure BSCST



2V73+MR6, Kavathe Mahankal, Maharashtra 416405, India

Kavathe Mahankal

Maharashtra

India

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Maharashtra  
India



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Maharashtra  
India

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2022-10-08(Sat) 10:05(AM)


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

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Date:28/09/2019

NOTICE

All the students of B. Sc.- I, II and III are hereby informed that, on the Occasion of Wildlife Week Department of Zoology, Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal is going to organize Exhibition of Wildlife Photography, Molluscan Shells, identification of venomous and non-venomous snakes, Medicinal plants and aquatic plants as a Departmental Activity on 01<sup>th</sup> to 7<sup>th</sup> October, 2019. Students should visit to the department for work as volunteer.

  
Prof.(Dr.) Suvarna B. More  
Head,  
Department of Zoology  
Head  
Department of Zoology  
P.V.P. Mahavidyalaya,  
Kavathe Mahankal, Dist.-Sangli.

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

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Date: 11/10/2019

**WILDLIFE WEEK CELEBRATION**

**Report of the Activity  
(Academic Year-2019)**

On the occasion of world wild life week 1<sup>th</sup> October to 7<sup>th</sup> October 2019. The Department of zoology organized celebration of world wildlife Programme by Exhibition of Wildlife Photography, Medicinal plants, Molluscan shells, identification of venomous and non-venomous snakes and Aquatic plants. Sanstha President Hon. Mr .Balasaheb Shinde, Sanstha Vice-President Hon. Mr. Suresh Patil was chief guest of programme, Prir ipal Dr. A. V. Babar, P.V.P. Mahvidyalaya, K.M. was the president of programme, Student were visited to department and got knowledge of diversity of mollusc shells and uses, importance of medicinal plants. This event aimed to provide a platform for participants to showcase their creativity, knowledge, interest and research in the field of Wildlife and its conservation.

The objective to organize exhibition Wildlife Photography, Medicinal plants, Molluscan shells, identification of venomous and non-venomous snakes and aquatic plants is to provide a platform for participants to protection of natural habitats of organisms through controlled exploitation and maintenance of rare species in protected areas such as national parks, sanctuaries etc., foster a sense of critical thinking, research skills, and communication abilities among the participants, to promote collaboration and exchange of ideas among the participants, academicians, and experts in the field.

For the wildlife exhibition 731 students from other college, schools, primary school, teachers, professors and parents were visited to exhibition. The poster presentation competition on Wildlife conservation proved to be a successful endeavour, achieving its objectives of encouraging research, fostering critical thinking skills, and providing a platform for showcasing talent in the field. It served as a valuable opportunity for participants to enhance their knowledge, network with like-minded individuals.



Prof. (Dr.) S. B. More  
Co-Ordinator & Head  
**Head**  
Department of Zoology  
P.V.P. Mahavidyalaya,  
Kavathe Mahankal, Dist.-Sangli.













## AIMS AND OBJECTIVES OF ZOOLOGY DEPARTMENT

### Aims :

- Prime aim of Zoology is to understand how organism survive & thrive in the environmental set up.
- To impart the knowledge of animal science to the pupils.
- To make the pupils use the knowledge in their daily life.
- To make the pupils aware of natural resources and environment.
- Application of knowledge in Zoology for nutrition, aquaculture & live stock.
- To provide practical experiences which form a part of their learning processes.
- To develop the ability for scientific work & ability to pursue studies far beyond the school level.
- To encourage pupils to take life science as a carrier which is the need of the hour for the society.

### Objectives :

- To impart the basic aim of education. The students are expected to acquire the knowledge of science, natural phenomenon, manipulation of environment.
- Understand the concepts, facts, phenomena and scientific hobbies.
- To develop the interest in science, which is the major objective. This is achieved by the students through curiosity, thinking etc.
- To develop the collection of specimens.
- To impart the knowledge of scientific work.
- To impart the knowledge of scientific work.







**AIMS AND OBJECTIVES OF ZOOLOGY DEPARTMENT**

**Aims:**

- To provide the students with an understanding of the scope and objectives of the department.
- To provide the students with a sound knowledge of the basic principles of zoology.
- To provide the students with a sound knowledge of the practical aspects of zoology.
- To provide the students with a sound knowledge of the theoretical aspects of zoology.
- To provide the students with a sound knowledge of the practical aspects of zoology.

**Objectives:**

- To provide the students with a sound knowledge of the basic principles of zoology.
- To provide the students with a sound knowledge of the practical aspects of zoology.
- To provide the students with a sound knowledge of the theoretical aspects of zoology.
- To provide the students with a sound knowledge of the practical aspects of zoology.



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya**



Kavathe Mahankal, Sangli  
Affiliated to Shivaji University, Kolhapur

*Wild Vegetable Festival*

*as a*

*Departmental Activity*



Organised by

**Department of Botany**

**Padmabhushan Vasantodada Patil Mahavidyalaya**

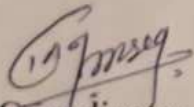
Kavathe Mahankal, 416405.

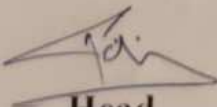


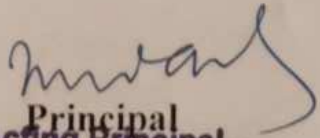
Date: 08/10/2022

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal  
**DEPARTMENT OF BOTANY**  
Report of the Activity

<b>Title</b>	Wild Vegetable Festival
<b>Day &amp; Date</b>	Friday, 07 <sup>th</sup> October 2022.
<b>Organizer</b>	Department of Botany.
<b>Funding</b>	-
<b>Chief Guest</b>	<b>Dr. P.M. Chougule</b> Former Vice Principal Smt.K.W.C. College Sangli and Research guide of Botany Shivaji University Kolhapur.
<b>Background</b>	The Department of Botany dedicated to promoting natural healthcare and environmental sustainability recently organized a wild vegetable festival on the occasion of wildlife week. This activity is to provide a platform for participants to show their research and knowledge in the field of natural healthcare and environmental sustainability.
<b>Objective</b>	<ul style="list-style-type: none"><li>• To inspire students to explore and interest in the various aspects of ancient and natural healthcare, wild vegetables, traditional ayurveda and its value among the community</li><li>• To provide a platform for participants to present their findings and insights in a visually appealing and informative manner through the recipe of wild life vegetable.</li><li>• To develop sense of critical thinking, research skills, and communication abilities among the participants.</li><li>• To promote collaboration and exchange of ideas among the participants, academicians, and experts in the field.</li></ul>
<b>Conclusion</b>	Wild vegetable festival proved to be a successful endeavour; achieving its objectives of encouraging students and providing a platform for express the knowledge in the field of natural healthcare, ayurveda and plant science. It gives the important opportunity for participants to enhance their knowledge, Research ability, creativity and communication and presentation skills.

  
Co-ordinator  
Dr. B. T. Jadhav

  
Head  
Mr. T. G. Patil  
Head  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal Dist-Sangli

  
Principal  
Acting Principal  
Prof. Dr. M. K. Patil  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, Kavathe Mahankal Dist-Sangli

## Department of Botany

Head of Department,  
Department of Botany  
P. V. P. Mahavidyalaya,  
Kavathe Mahankal, Dist. Sangli,  
Maharashtra 416 405  
Date: 01/10/2022

To,  
The Principal,  
Padmabhushan Vasantodada Patil Mahavidyalaya,  
Kavathe Mahankal, Dist. Sangli,  
Maharashtra 416 405

**Subject:** Seeking a permission to conduct **Wild Vegetable Festival** as a departmental activity.

Respected sir,

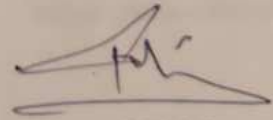
As per your guidelines we are going to organize **Wild Vegetable Festival** as a departmental activity in Department of Botany for our college students. The departmental activity will be completed in one day on the date of 07<sup>th</sup> October, 2022. This departmental activity will be definitely beneficial for students.

I request you to give permission to organize the above activity in the Department.

Thanking you.

*Permission granted*

*Mundar*



Yours faithfully,  
**Head**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

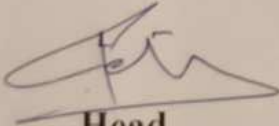
**DEPARTMENT OF BOTANY**

Date: 03-10-2022

**NOTICE**

All the students in P. V. P. Mahavidyalaya, Kavathe Mahankal are informed that, Department of Botany is going to organize **Wild Vegetable Festival** as a departmental activity on the date of 07<sup>th</sup> October, 2022. The interested students are requested to enroll for participation upto 06<sup>th</sup> October, 2022.

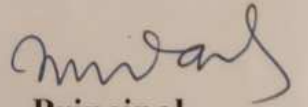
**Note:** Participants student need to prepare at least one recipe of wild vegetable on the day of occassion.



**Head**

**Head**

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



**Principal  
Acting Principal**

**Padmabhushan Vasantodada Patil  
Mahavidyalaya, K. Mahankal Dist-Sangli**

Shikshan Prasarak Sanstha's

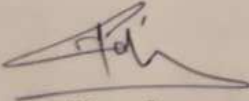
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

**DEPARTMENT OF BOTANY**

Date: 06-10-2022

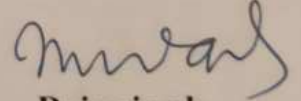
**NOTICE**

All the teaching, non-teaching staff and students of senior and junior college are hereby informed that, Department of Botany has organized Wild Vegetable Festival as a departmental activity on the date of 07<sup>th</sup> October, 2022. However everyone should attend and visit the Wild Vegetable Festival.



**Head  
Head**

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



**Principal  
Acting Principal**

**Padmabhushan Vasantrodada Patil  
Mahavidyalaya, Kavathe Mahankal Dist-Sangli**

Shivahan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya**



Kavathe Mahankal, Sangli

Affiliated to Shivaji University, Kolhapur

**Department of Botany**

**BROCHURE**



Open to  
Enrollment for  
Participation

**Wild Vegetable Festival**

as a

**Departmental Activity**



**Specifications:**

- ◆ Development of human values, healthcare and Environmental Sustainability.
- ◆ Free Certificate.

**Enroll Now**

Contact us on:  
Mob No. 9822495288

Shikshan Prasarak Sanstha's

Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

List of Participated Students

Wild Vegetable Festival

Sr. No.	Name of Student	Used Wild Vegetable
1	Bandgar Sarika Birbal	<i>Cucurbita maxima</i>
2	Devkate Payal Balaso	<i>Digera muricata</i>
3	Jadhav Tejashri Raosaheb	<i>Digera muricata</i>
4	Jagtap Tejaswini Bharat	<i>Chenopodium album</i>
5	Kolekar Pranali Rajendra	<i>Caralluma tuberculata</i>
6	Mangave Aishwarya Pravin	<i>Moringa oleifera</i>
7	Mulani Sharmin Shoukat	<i>Colocasia esculenta</i>
8	Nikam Gayatri Mohan	<i>Hibiscus Sabdariffa</i>
9	Patil Pranali Laxman	<i>Amaranthus palmeri</i>
10	Patil Rutuja Shankar	<i>Amaranthus roxburghii</i>
11	Patil Sonal Shrikant	<i>Amaranthus palmeri</i>
12	Patil Supriya Vijay	<i>Launea procumbens</i>
13	Pawar Kiran Tanaji	<i>Portulaca quadrifida</i>
14	Pawar Nikita Laxman	<i>Colocasia esculenta</i>
15	Sonawane Pooja Shrikant	<i>Achyranthus aspera</i>
16	Suryawanshi Nilima Ganpatrao	<i>Celosia argentia</i>
17	Suryawanshi Rutuja Ramchandra	<i>Commelina benghalensis</i>
18	Sutar Nikita Nivrutti	<i>Portulaca oleraceae</i>



Date: 08/10/2022

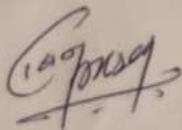
**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF BOTANY**  
**Report of the Activity**

It was the first time, in this year; Wild Vegetable Festival was organized by the Department of Botany in Padmabhushan Vasantrodada Patil Mahavidyalaya. The program was inaugurated by Chief Guest Dr. P. M. Chougule and Principal Dr. M. K. Patil Sir. On the occasion of the inauguration, Head of Department of Botany Mr. T. G. Patil explained the purpose behind holding the Wild Vegetable Festival.

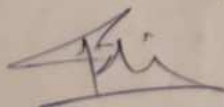
Approximately 20 undergraduate students of Botany participated in the festival. More than 15 wild vegetables were exhibited by the students. Medicinal properties of each vegetable as well as scientific information and dietary importance were explained by the students. Among these, Bhopala (Louki), Kunjir, Chakvat, Makadshingi, Shevaga, Alu, Ambadi, Katemath, Tandulja, Pathar, Ghol, Chighal, Aghada, Yelavat, Gokharu etc. Wild vegetables were mainly used by students. Different foods e.g. Bhaji, Chutney, Vadi prepared by the students. Tribal people and locals use these wild vegetables in their daily diet. These wild vegetables that grow in the rainy season can be seen everywhere. It contains proteins, carbohydrates, vitamins and a lot of medicinal elements.

Students of all faculties in institute attended this festival and learned the scientific information of all wild vegetables. The certificates are provided to participated students at the end of Program. The Teacher MLA of Pune Assembly, Hon. Jayant Aasgaonkar also visited the wild vegetable festival. All the faculty and non-teaching staff of the Department of Botany provided invaluable support for the successful completion of this program. The program was also attended by department heads, teaching staff, non-teaching staff, students and villagers.

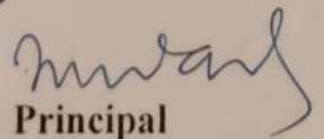
Wild vegetable festival proved to be a successful endeavour; achieving its objectives of encouraging students and providing a platform for express the knowledge in the field of natural healthcare, ayurveda and plant science. It gives the important opportunity for participants to enhance their knowledge, Research ability, creativity and communication & presentation skills.



**Co-ordinator**  
Dr. B. T. Jadhav



**Head**  
Mr. T. G. Patil  
**Head**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**



**Principal**  
Prof. Dr. M. K. Patil  
**Acting Principal**  
**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, Kavathe Mahankal Dist-Sangli**

ShikshanPrasarakSanstha's  
Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal

**DEPARTMENT OF BOTANY**  
**ATTENDANCE SHEET (Participated Student)**

Name of Activity: Wild Vegetable Festival (Experiential Learning Activity)

Day & Date: Friday, 07/10/2022

Sr. No.	Name of Student	Class	Sign
1	Bandgar Sarika Birbal	B. Sc. III	<i>Bandgar</i>
2	Devkate Payal Balaso	B. Sc. III	<i>Devkate</i>
3	Jadhav Tejashri Raosaheb	B. Sc. III	<i>Jadhav</i>
4	Jagtap Tejaswini Bharat	B. Sc. III	<i>Jagtap</i>
5	Kolekar Pranali Rajendra	B. Sc. III	<i>Kolekar</i>
6	Mangave Aishwarya Pravin	B. Sc. III	<i>Mangave</i>
7	Mulani Sharmin Shoukat	B. Sc. III	<i>Mulani</i>
8	Nikam Gayatri Mohan	B. Sc. III	<i>Nikam</i>
9	Patil Pranali Laxman	B. Sc. III	<i>Patil</i>
10	Patil Rutuja Shankar	B. Sc. III	<i>Patil</i>
11	Patil Sonal Shrikant	B. Sc. III	<i>Patil</i>
12	Patil Supriya Vijay	B. Sc. III	<i>Patil</i>
13	Pawar Kiran Tanaji	B. Sc. III	<i>Pawar</i>
14	Pawar Nikita Laxman	B. Sc. III	<i>Pawar</i>
15	Sonawane Pooja Shrikant	B. Sc. III	<i>Sonawane</i>
16	Suryawanshi Nilima Ganpatrao	B. Sc. III	<i>Suryawanshi</i>
17	Suryawanshi Rutuja Ramchandra	B. Sc. III	<i>Suryawanshi</i>
18	Sutar Nikita Nivrutti	B. Sc. III	<i>Sutar</i>



Department of Botany  
Visitors List



Name of the Activity: Wild Vegetable Festival  
Day & Date: Friday, 07/10/2022

अ.क्र.	नाव	विवरण	सही
1	Jyegyu H. Kondekar	BA - III	Jyegyu
2	Rutuja M. Hatekar	BA - II	Mutekar
3	MISS SAVANURKAR A.R.	Teacher	(B) Savanurkar
4	Mrs. Waghmare R.G	- II -	Waghmare
5	Miss. Kamble R.D.	- II -	Kamble
6	Dr. Kore Gurupad D.	- II - Chemistry	Kore
7	Ms. Kamble Animesh A	- II Chemistry	Kamble
8	Patil S.T.	Physics	Patil
9	Salunkhe A.G.	Physics	Salunkhe
10	Maheshwar. J. Mengulale.	B.Sc. II <sup>nd</sup>	Mengulale
11	Shiraj D. Patil.	B.Sc. II	Patil
12	Akshaykumar Pandurang Indur	Geog	Indur
13	शुभंकर सुनील रामचंद्र	अभियांत्रिकी	Shubankar
14	Rohan B. Patil	B.Sc. II	Rohani
15	Mahesh S. Jadhav.	B.Sc. 2 <sup>nd</sup>	M.S. Jadhav.
16	prajwal sanjay patil	BSC - II	Patil
17	Aditya Daganu Waghmare	B.Sc. III	Waghmare
18	shrinke digambar Sambhuji	B.Sc. III	Shrinke
19	Mahite Madhuri Manohar	MBA II.	Mahite
20	Mahite Komal krushandevar	MBA II	Mahite
21	Chougule Rahul Taraji	BSC - III	Chougule
22	Ushaishwari Anasoo Jagtap	XII - Sci	Jagtap
23	Piyush Nitin Waghmare	XII Scie	P.Ye.
24	Nikhil Balazoo Jankar	BSc. III	Jankar
25	kumbhar sachin sepan	BSC - III	Kumbhar
26	Kadam Vishal Raghunath	BSC. III	Kadam
27	Shingade sanjay Govind	-	Shingade
28	BT Chanzarkhiva	Head Clerk	Chanzarkhiva
29	RA Swami	Registrar	Swami
30	Swati. A. Dhore.	Teacher.	Dhore
31	Prakash U. Kamble	Teacher	Kamble
32	Fadatore shobha Pandit.	B.sc. II. student.	Fadatore
33	Vishwajeet Santosh Mane	BSC - II	Vishwajeet
34	Shridhar. M. Kamble	BSC II	Shridhar
35	Rohan Rajesh Kamble.	B.Sc. II	Rohan
36	Vishal Jagdish Patil	- I -	Patil

क्र. सं.	नाव	विभाग	सही
38)	pratapsinh bhausaheb deshmukh	B.Sc - I	Zoshmukh
39)	Ritesh laxman Gaikwad	B.Sc - I	@Gaikwad
40)	Dasshana Mahavir Gambhir	B.Sc - I	<del>Dasshana</del>
41)	Komal Dagodu Patil	B.Sc - I	Komal
42)	Pronali Rajendra Patil	B.Sc - I	<del>Patil</del>
43)	Torane Sunil Nana	Asst. Teacher	<del>Torane</del>
44)	Dhaneshwari Dhanappa Haste	B.Sc. II (Sup.)	D. Haste
45)	Pratiksha Subhash kedar	B.Sc. II	P. Kedar
46)	Sanika Rajaram Salunkhe	B.Sc. II	Salunkhe
47)	Aditi Bajarang Patil	B.Sc II	<del>Patil</del>
48)	Bhasti Shashikant Chavan	B.S.C II	B. Chavan
49)	Angha vitthal kashid	B.S.C. III	A. Kashid
50)	shinde Pragati Pandit	- 1 -	P. Kashid
51)	Kashid Rohini Dapurao	B.S.C III	B. Kashid
52)	vijay Suresh Barbale	12 <sup>th</sup>	V. Barbale
53)	sujeet Nanasa Hajare	Headmaster	S. Hajare
54)	shakaji Babasa kundlikre	Clerk	S. Kundlikre
55)	Chandrasant Tammanna Kumbhar	Asst. Teacher	C. Kumbhar
56)	Ananda Lahu Kumbale	Peon	A. Kumbale
57)	Mandhar Baburao mali	Headmaster	M. Mali
58)	Shinde Babasa Sitaram.	Headmaster	S. Shinde
59)	Dr. Takaram Mahender Masal	Headmaster	T. Masal
60)	Sou. Torane V. S.	Teacher	T. Torane
61)	Mrs. Patil N.N	Teacher	M. Patil
62)	Mane S. G.	Teacher	M. Mane
63)	Ghatage. V. P.	Geography	G. Ghatage
64)	Gherade Yuvraj vasant	B.Sc-III	Y. Gherade
65)	Patil K. S.	Asst. Teacher (Chem)	K. Patil
66)	Thorat D. P.	Lecturer	D. Thorat
67)	Yashashai Namath Gurov	11 <sup>th</sup>	Y. N. Gurov
68)	poonam popat Patil	11 <sup>th</sup>	P. Patil
69)	Firdos Elahi Mulla	11 <sup>th</sup>	F. E. Mulla
70)	Shinde shubham Ravasahab	12 <sup>th</sup>	S. Shinde
71)	Nikam Sachin Subas	12 <sup>th</sup>	N. Nikam
72)	Patil Pooja Balasaheb	Asst. Prof. (Chem)	P. Patil



क्र.सं.	नाम	विभाग	श्री.
73	Arvind Rajaram Patil	office.	
74	Sudashan Balasaheb Shinde	-dr	
75	Vasant Ramchandra Pawar	Zoology	
76	Mahesh Mamdi Kamble	Library	
77	Pankaj Bhirwaru mane	Teacher	
78	Shraddha Shrikant Koshti	B.Sc-I	
79	Ashwini Nivrenti Shinde	B.Sc-I	
80	Vandana Bhaskar Koli	B.Sc-I	
81	Divyaprabha Dilip Bhasale	B.Sc-I	
82	Dipita Ratu Mane	B.Sc-I	
83	Samruddhi Ganesh Pawar	B.Sc-I	
84	madhura Suryakant Anarati	B.Sc-I	
85	Divya Uttam Lamdige	B.Sc-I	
86	Maheshwari Bhageshbab Patil	B.Sc-I	
87	Kiran Ajit Patil	12th Sci	
88	Dipti Dnyaneshwar Suryawanshi	12th Sci	
89	Prerana Pradip Shinde	12th sci	
90	Poojara Santosh Kadam	11th Art	
91	Chaitrali Anur patil	12th Sci	
92	Akanksha Jyapat Salunkhe	Teacher (chem)	
93	Ashwini Ajit More	K.H.B	
94	Patil Nikita Manik.	Chem. fch (H.B.)	
95	Patil Sandip Subhash	commerce	
96	Dhore Ajitrao Dadasahab	Lecturer	
97	Mane Arvind Sampat	Commerce	
98	Shruti Sanjay patil	BSc I	
99	Gayatri Shivaji more	-11-	
100	pooja vilas vhanmane	-11-	
101	Azati vilas vhanmane	-11-	
102	praja astek patil	-11-	
102	Pranali Baban Shinde	B.Sc(I)	
103	Snehal Dadasa Kadam	Bsc I	
104	sayali sandip Kadam	BSc-I	
105	Pratiksha Hitendra Patil	BSc I	
106	Shri Sabane. X.I.	Asst. teacher	

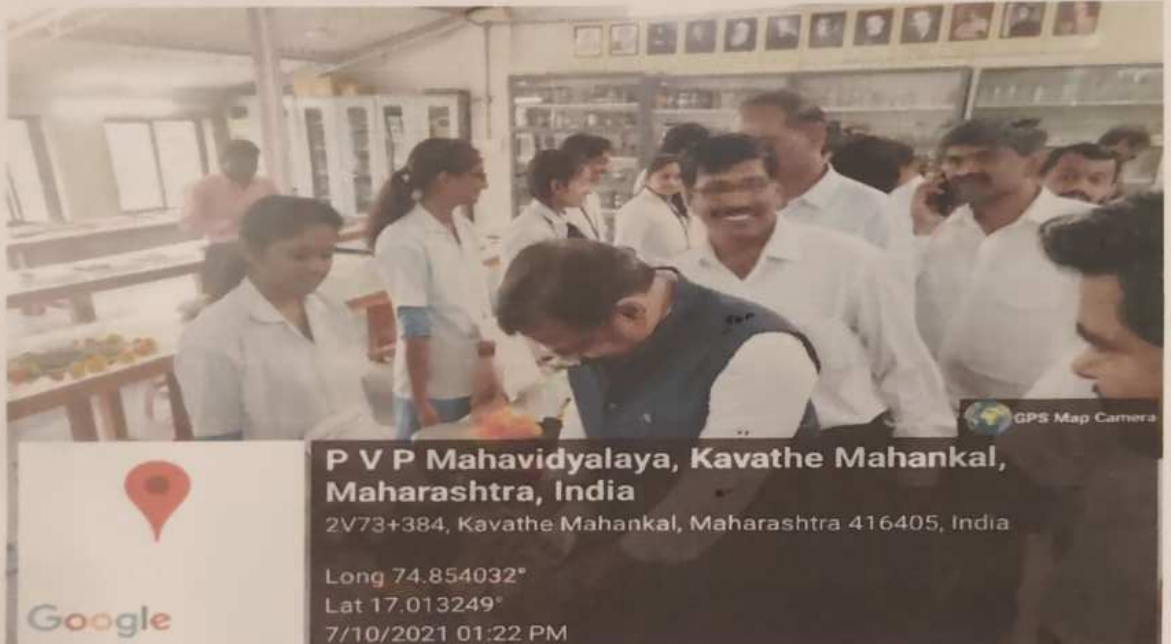
Shikshan Prasarak Sanstha's

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Wild Vegetable Festival

Photos (Visitors of Wild Vegetable Festival)





Hon. Teacher MLA of Pune Assembly. Mr. Jayant Aasgaonkar Visited to Wild Vegetable Festival



Student's Presentation to Hon. Principal, Prof. Dr. M. K. Patil Sir



  **P V P Mahavidyalaya, Kavathe Mahankal, Maharashtra, India**  
2V74+88F, Kavathe Mahankal, Maharashtra 416405, India  
Long 74.855787°  
Lat 17.013305°  
7/10/2022 01:38 PM

College Staff Visited to Wild Vegetable Festival



  **P V P Mahavidyalaya, Kavathe Mahankal, Maharashtra, India**  
2V74+88F, Kavathe Mahankal, Maharashtra 416405, India  
Long 74.855787°  
Lat 17.013305°  
7/10/2022 01:51 PM

Students Represent their Recipes to Students and Staff Memeber



Shikshan Prasarak Sanstha's

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Students List and Their Recipes

Wild Vegetable Festival

Sr. No.	Name of Student	Used Wild Vegetable
1	Bandgar Sarika Birbal	<i>Cucurbita maxima</i>
2	Devkate Payal Balaso	<i>Digera muricata</i>
3	Jadhav Tejashri Raosaheb	<i>Digera muricata</i>
4	Jagtap Tejaswini Bharat	<i>Chenopodium album</i>
5	Kolekar Pranali Rajendra	<i>Caralluma tuberculata</i>
6	Mangave Aishwarya Pravin	<i>Moringa oleifera</i>
7	Mulani Sharmin Shoukat	<i>Colocasia esculenta</i>
8	Nikam Gayatri Mohan	<i>Hibiscus Sabdariffa</i>
9	Patil Pranali Laxman	<i>Amaranthus palmeri</i>
10	Patil Rutuja Shankar	<i>Amaranthus roxburghii</i>
11	Patil Sonal Shrikant	<i>Amaranthus palmeri</i>
12	Patil Supriya Vijay	<i>Launea procumbens</i>
13	Pawar Kiran Tanaji	<i>Portulaca quadrifida</i>
14	Pawar Nikita Laxman	<i>Colocasia esculenta</i>
15	Sonawane Pooja Shrikant	<i>Achyranthus aspera</i>
16	Suryawanshi Nilima Ganpatrao	<i>Celosia argentic</i>
17	Suryawanshi Rutuja Ramchandra	<i>Commelina benghalensis</i>
18	Sutar Nikita Nivrutti	<i>Portulaca oleraceae</i>

Encl: Detail of recipes are attached



.

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantodada Patil Mahavidyalaya**  
**Kavathe Mahankal , Sangli**  
Affiliated to Shivaji University, Kolhapur



## **One-day Workshop**

On

**“Biodiversity of Western Ghats and You”**

**And**

**“Eco-tourism: A Startup for Environmental  
Conservation”**



**Day & Date- Monday, 27/02/2023**

Organised by – IQAC and Department of Botany

**Shikshan Prasarak Sanstha's**

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya,**  
**Kavathe Mahankal**

**REPORT OF**

Title	"Biodiversity of Western Ghats and You" And "Eco-tourism A Startup for Environmental Conservation"
Day & Date	Monday 27/02/2023 10.00 a.m. To 05.00 p.m.
Organizer	Department of Botany
Funding	Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal
Chairman	Prof.(Dr.) M. K. Patil
Resource person	Dr. Shrinath P. Kavade
Background	Former Member Of Botanical Survey of India (BSI) Life Member of Empress Botanical Garden, Pune
Objective	1) Biodiversity is to develops national strategies for the conservation sustainable use of Biological diversity, and it is often seen as the key document regarding sustainable development. 2) 2) The conservation of biodiversity, the sustainable use of its component's and fair and equitable shearing of benefits arising from natural resources
Conclusion	Biodiversity identify the richness of every type of life on our planet.


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



  
**Principal**  
**Acting Principal**  
**Prof. (Dr.) M. K. Patil**  
**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, Kavathe Mahankal Dist-Sangli**

## नोटीस

वरिष्ठ महाविद्यालयातील सर्व शिक्षक व शिक्षकेत्तर कर्मचा-यांना सूचित करणेत येते की आपले महाविद्यालयात सोमवार दि. २७/२/२०२३ रोजी 'पश्चिम घाट जैवविविधता व आपण आणि पर्यावरणपूरक पर्यटन सुरूवात व संवर्धन' या विषयावर एक दिवशीय कार्यशाळा आयोजित करणेत आली आहे. सदर कार्यशाळा सकाळी १० ते १ या वेळेत होणार असलेने सर्वांनी सदर दिवशी कार्यशाळेसाठी वेळेत सभागृहात उपस्थित रहावे.



प्रभारी प्राचार्य

पद्मभूषण वसंतरावदादा पाटील महाविद्यालय  
कवठेमहांकाळ जि. सांगली.



**Padmabhushan Vasanthaodada Patil Mahavidyalaya,  
Kavathe-Mahankal**

Internal Quality Assurance Cell (IQAC) Organized

**One Day Workshop**

**On**

**“Biodiversity of Western Ghats and You”**

**And**

**“Eco-tourism A Startup for Environmental Conservation”**

**Day:-Monday**

**Date:- 27/02/2023**

**Chairman- Prof.(Dr.) M. K. Patil**

Principal, P.V.P. Mahavidyalaya, K.Mahankal

**Resource Person -**

Session I- **Dr. Shrinath P. Kavade**

Member of IUCN, President of SEBC

Session II - **Dr. Shrinath P. Kavade**

Member of IUCN, President of SEBC



**Convener - Dr.B.T.Jadhav**

Associate Professor, Department of Botany

P.V.P. Mahavidyalaya, K.Mahankal



## Table Program

<b>Time</b>	<b>Activity</b>	
09.00 - 10.00 a.m.	Registration	
10.00 -10.30 a.m.	Inauguration	Dr.B.T.Jadhav Dept .of Botany
10.30 – 10.40 a.m.	Introduction of Guest	Dr.B.T.Jadhav Dept.of Botany P.V.P.Mahavidyalaya, K.Mahankal
10.40- 11.00 a.m.	Theme of the workshop	Mr.T.G.Patil HOD Dept.of Botany P.V.P.Mahavidyalaya, K.Mahankal
11.00--12.30 p.m.	Session – I Biodiversity of Western Ghats and You	Dr. Shrinath P. Kavade Member of IUCN, President of SEBC
12.30-1.30 p.m.	Lunch Break	
1.30 -4.00 p.m.	Session – I Eco-tourism A Startup for Environmental Conservation	Dr. Shrinath P. Kavade Member of IUCN, President of SEBC
4.00-.5.00 p.m.	Vote of thanks	Mr.S.B.Patil Dept.of Botany P.V.P.Mahavidyalaya, K.Mahankal

## Brochure:-



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantrodada Patil  
Mahavidyalaya , Kavathe Mahankal**

**IQAC and Department of Botany  
Organizes**

**ONE DAY WORKSHOP ON**

**"Biodiversity of Western Ghats and You"  
And  
"Eco-tourism A startup for  
Environmental conservation"**

Day & Date :  
Monday, 27 th February 2023,  
Time : 10 a.m. to 1.00 p.m.

Resource person : **Dr. Shrinath Pralhad Kavade**

**Dr.B.T.Jadhav**  
Co-ordinator

**Shri.T.G.Patil**  
HOD,Dept.Of Botany

**Prof.(Dr.)M.K.Patil**  
I/C Principal





**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**  
KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405  
Acting Principal Prof. (Dr.) M.K.Patil M.Sc., M.Phil., Ph.D. Mob. 9405649190  
Phone- 02341-295220 Email : kmpvp@rediffmail.com Website : www.pvpkm.org  
Jr. College Index No. J 22.04.002

Ref No. PVPKM/ 2022-23/1127

Date : 17/02/2023

To  
**Dr. Shrinath Pralhad Kavade**  
Ghorapadi, Pune

**Subject : Invitation as a Resource Person for One Day Workshop**

Respected Sir,

With great pleasure to inform you that the Department of Botany and IQAC, P.V.P. Mahavidyalaya, Kavathe Mahankal organizing **One Day Workshop on "Biodiversity and Eco-tourism"** on 27<sup>th</sup> February 2023 at 10.30 a.m. It gives us an immense pleasure to invite you as a Resource Person in the said workshop. Kindly accept the invitation and grace our students and faculty with your lecture.

Thanking you.

Yours faithfully,

Acting Principal

Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal Dist. Sangli.





**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**  
KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405  
Acting Principal Prof. (Dr.) M.K.Patil M.Sc., M.Phil., Ph.D. Mob. 9405649190  
Phone- 02341-295220 Email : kmpvp@rediffmail.com Website : www.pvpkm.org  
Jr. College Index No. J 22.04.002

Ref No. PVPKM/ 2022-23 /1147

Date : 01/03/2023

To  
Dr. S. P. Kavade  
Kavade Mala, Ghorapadi Gaon,  
Pune

**Subject:- Letter of Appreciation**

Respected Sir,

We are very grateful to you for your auspicious presence and sparing your valuable time and valuable guidance on the topic '**Biodiversity of Western Ghats and you and Eco-tourism A Startup for Environmental Conservation**' in one day workshop on 27<sup>th</sup> February 2023 in our college. We sincerely thank and expect the co-operation from you in future.

Thanking you,

Yours faithfully,

**Acting Principal**  
Padmabhushan Vasantraodada Patil  
Mahavidyalaya, Kavathe Mahankal, Dist. Sangli.



## Participants list of Workshop



दि. 27/02/2023

पी. व्ही. पी. महाविद्यालय, कवठेमहोकाळ, जि. सांगली.  
वनस्पतिशास्त्र विभाग, व अंतर्गत गुणवत्ता हमी कक्ष  
संगीत संयुक्त विद्यमान  
एकदिवसीय कार्यशाळा 2023

सहभागी प्राध्यापक व विद्यार्थी

अ.न.	प्राध्यापक / विद्यार्थी	विभाग	सही
1	प्रा. डॉ. विनायक शिवाजी शिंदे	हिंदी	
2	प्रा. दिपककुमार राऊत सुभवेरी	मानसशास्त्र	
3	प्रा. सौ. पी. यु. महापुत्रा	पदार्थविज्ञान	
4	प्रा. सौ. व्ही. पी. धारगे.	भूगोल	
5	रेखमा चव्हाण	वनस्पतिशास्त्र	
6	पवार हरिप्रसाद विठ्ठल	इतिहास	
7	एडके सागर हरिचंद्र	—	
8	प्रा. अविनायक कांबळे	रसायनशास्त्र	
9	प्रा. किरण ल. सकत	अर्थशास्त्र	
10	प्रा. सुभाष प्र. शिंदे	वाणिज्य	
11	प्रा. डॉ. एन. एन. रोडगे	पदार्थविज्ञान	
12	प्रा. सुवर्णल पाटील	वनस्पतिशास्त्र	
13	डा. करे सुभाष कुण्ठा	रसायनशास्त्र	
14	प्रा. पाटील सुभाष विठ्ठल	—	
15	प्रा. डॉ. मोहन गोविंद लोढे	मराठी	
16	प्रा. व्ही. व्ही. दोशी	तंत्रशास्त्र	
17	प्रा. डॉ. ड. ड. ड. ड.	वाणिज्य विभाग	
18	मंडा कांबळे	सांगली	
19	डा. विनोद कांबळे	मानवशास्त्र	
20	श्री धनपाल पांडुरंग यादव	भूगोल	
21	प्रा. दिपककुमार राऊत सुभवेरी	मानसशास्त्र	
22	सौ. वसुधा प्र. धारगे.	भूगोल	
23	श्री. सागर संपतराव शिंदे	भौतिकशास्त्र	
24	कुणाल गौतम प्रेन्नापुरे	इतिहास	
25	गणेश दिनकर सातपुते	सांख्यशास्त्र	
26	प्रा. डॉ. सुवर्णल सा. साठे	प्राणीशास्त्र	
27	पाटील स्नेहल भरोक	प्राणीशास्त्र	

अ.न	नाम / विद्यार्थी	विभाग	सहा
1)	अशोकेश्वर लक्ष्मण शोनाळ		
2)	सुप्रिया चंद्रकांत शस्त	11 वी (सायन्स)	30/06/10
3)	आन्विका आरशाद मोमीन	11 वी (सायन्स)	Pranali
4)	निकिता निहल्ली सुनार	BSC-III	Patil
5)	सुप्रिया विजय पाटील	Botany	Patil
6)	निकिता लक्ष्मण पवार	Botany	Nikita
7)	प्रतुजा विरेंद्रकुमार वारंडे	Botany	Ruk
8)	स्वजाती उत्तम पाटील	Botany	Surati
9)	ऐश्वर्या प्रविण माणगावे	Botany	Am
10)	त्रुतुजा शंकर पाटील	Botany	Patil
11)	आश्विनी शिवाजी शिंदे	B.Sc-II	Lickey
12)	प्रणाली राजेंद्र फेडेकर	Botany	Pranali
13)	तेजस्विनी भारत जगताप	Botany	Tejaswini
14)	निलिमा गणपतराव सुर्यवंशी	Botany	Shirke
15)	वशमिन्नी लोकर सुल्तानी	Botany	Shirke
16)	प्रणाली लक्ष्मण पाटील	Botany	Pranali
17)	रतन सावंता दुधाळ	Botany	Patil
18)	दिगंबर संभाजी शिंदे	Botany	Shinde
19)	शकुन गजानन सपकाळ	Botany	Shankar
20)	आदित्य दगडू वाघमारे	Botany	Aditya
21)	मिनल कुमार पाटील	Botany - I	Minal
22)	पतिष्ठा हिनंद पटील	B.Sc-I	Patil
23)	पूजा संजय हरगे	BSC-I	Patil
24)	श्रुती विनायक शकटे	BSC-I	Shruti
25)	सानिका ताजानो जाहव	BSC-I	Sanika
26)	आश्विनी वसंतराव भासले	BSC-I	Ashwini
27)	पूजा विलास वनमोने	Bsc-I	Patil
28)	सानिका मच्छिंद्र पाटील	Bsc-I	Sanika
29)	पंजनी राजाजन मीळी	BSC-I	Panji
30)	अमोल लक्ष्मण काळे	BSC-III	Amol
31)	अदित्य दगडू वाघमारे	Bsc-III	Aditya
32)	मीनल शिखंत पाटील	Bsc-II (Botany)	Patil
33)	शाश्वती मोहन निरुम	-II-	Ankarn
34)	सई गणेश माळी	BSC-I	Sai
35)	श्रुती रोशन लक्ष्मण	BSC-I	Shruti



# Inaugural function



## Session –I – Dr.S.P.Kavade Delivering lecture



## Participants of Wrokshop





Shikshan Prasarak Sanstha's  
**Padmabhushan Vasanthaodada Patil**

**Mahavidyalaya, Kavathe Mahankal**

# Certificate of Participation

Date:27-2-2023

From **PVP mahavidyalaya kavathe mahankal**

This is to Certify that **Tejaswini Bharat Jagtap**  
has actively participated in the one day workshop on “ **Biodiversity of Western Ghats and Eco-Tourism**” organized by IQAC and Department of Botany on 27<sup>th</sup> February 2023.

**Dr. B. T. Jadhav**  
Coordinator

**Mr. T. G. Patil**  
HOD Botany

**Dr. M. K. Patil**  
I/C. Principal



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasanthaodada Patil**

**Mahavidyalaya, Kavathe Mahankal**

# Certificate of Participation

Date:27-2-2023

From **P.V.P Mahavidyalaya Kavathe Mahankal**

This is to Certify that **Nikita Nivrutee Sutar**

has actively participated in the one day workshop on “ **Biodiversity of Western Ghats and Eco-Tourism**” organized by IQAC and Department of Botany on 27<sup>th</sup> February 2023.

**Dr. B. T. Jadhav**  
Coordinator

**Mr. T. G. Patil**  
HOD Botany

**Dr. M. K. Patil**  
I/C. Principal



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil**

**Mahavidyalaya, Kavathe Mahankal**

# Certificate of Participation

Date: 27-2-2023

From **P. V. P college Kavathe mahankal**

This is to Certify that **Suryawanshi Nilima Ganpatrao** has actively participated in the one day workshop on “ **Biodiversity of Western Ghats and Eco-Tourism**” organized by IQAC and Department of Botany on 27<sup>th</sup> February 2023.

**Dr. B. T. Jadhav**  
Coordinator

**Mr. T. G. Patil**  
HOD Botany

**Dr. M. K. Patil**  
I/C. Principal



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil**

**Mahavidyalaya, Kavathe Mahankal**

# Certificate of Participation

Date:8-3-2023

From **P V P college KM**

This is to Certify that **Ganesh Rajaram Chougule** has actively participated in the one day workshop on “ **Biodiversity of Western Ghats and Eco-Tourism**” organized by IQAC and Department of Botany on 27<sup>th</sup> February 2023.

**Dr. B. T. Jadhav**  
Coordinator

**Mr. T. G. Patil**  
HOD Botany

**Dr. M. K. Patil**  
I/C. Principal



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil**

**Mahavidyalaya, Kavathe Mahankal**

# Certificate of Participation

Date:11-3-2023

From **Shivaji university kolhapur**

This is to Certify that **Pranali laxman patil**  
has actively participated in the one day workshop on “ **Biodiversity of Western Ghats and Eco-Tourism**” organized by IQAC and Department of Botany on 27<sup>th</sup> February 2023.

**Dr. B. T. Jadhav**  
Coordinator

**Mr. T. G. Patil**  
HOD Botany

**Dr. M. K. Patil**  
I/C. Principal

**National Service Scheme  
Activity Report**

<b>Title</b>	<b>Soil Pollution Awareness Campaign</b>
<b>Day &amp; Date</b>	21/09/2023
<b>Organizer</b>	NSS
<b>Co-ordinator</b>	<b>Surendranath Babar, Dr Netaji Pol</b>
<b>Background</b>	On the 21st of September, 2023, the National Service Scheme (NSS) unit of Padmabhushan Vasantodada Patil Mahavidyalaya organized a unique and impactful campaign to raise awareness about soil pollution and its detrimental effects on the environment. The initiative aimed to educate students and the wider community on the importance of soil conservation and the urgent need to address soil pollution.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. Raise Awareness: Educate students and the community about the causes and effects of soil pollution.</li><li>2. Promote Conservation: Encourage sustainable practices to protect soil health.</li><li>3. Engage Youth: Involve students in an interactive activity that fosters a connection with the environment.</li><li>4. Leverage Social Media: Use WhatsApp to amplify the message and reach a broader audience.</li></ol>
<b>Conclusion/ Outcomes</b>	The soil pollution awareness campaign organized by the NSS unit of Padmabhushan Vasantodada Patil Mahavidyalaya on 21st September 2023 was a resounding success. By engaging students in an interactive activity and leveraging social media, the campaign effectively raised awareness about the importance of soil and the urgent need to combat soil pollution. The initiative not only educated participants but also inspired them to adopt sustainable practices to protect our environment.

  
**Surendranath Babar**

NSS Program Officer  
**PROGRAM OFFICER**  
**National Service Scheme**  
**P. V. P. Mahavidyalaya,**  
Kavathe Mahankal.



**Padmabhushan Vasantodada Patil Mahavidyalaya,  
Kavathe Mahankal.**

**DEPARTMENT OF ZOOLOGY**

Career Oriented Course

in

**“Vermicomposting”**

(2023-24)

## INDEX

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From,  
Head,  
Department of zoology  
P. V. P. College, Kavathe Mahankal,  
Dist. Sangli, Maharashtra 416405  
Date: 01/07/2022

To,  
The Principal,  
Padmabhushan Vasantodada Patil Mahavidyalaya,  
Kavathe Mahankal, Dist. Sangli,  
Maharashtra 416405

**Subject:** Seeking a permission to start the career-oriented course in "Vermicomposting".

Respected sir,

As per your guidelines we are going to start a career-oriented course in "Vermicomposting" in Department of Zoology for our college students. This course will be of 30 hours and will be completed during August 2023 to October 2023. The course will be definitely very beneficiary for students.

I request you to grant us permission for the same.

Thanking you.

Yours faithfully,



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

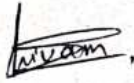
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

**DEPARTMENT OF ZOOLOGY**

Date: 2-07-2023

**NOTICE**

All the students in P. V. P. college, Kavathe Mahankal are hereby informed that, Department of Zoology is going to start the career oriented course in "Vermicomposting". The interested students are requested to enroll upto 31<sup>st</sup> July, 2023.



**Coordinator**



**Head**

**Head**

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

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

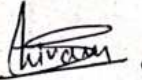
**DEPARTMENT OF ZOOLOGY**

**Vermicomposting**

Date: 01-08-2023

**NOTICE**

All the enrolled students are hereby informed that, the lectures of the course will be started from 2<sup>nd</sup> August, 2023 as per timetable. All the lectures will be conducted at Department of Zoology. All the enrolled students must be remaining present for the same.



**Coordinator**  
Mr. Shivam P. Jagade.



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

## Brochure

**Padmbhushan Vasanttraodada Patil Mahavidyalaya Kavathe Mahankal**

To have basic knowledge of vermiculture, vermicomposting and vermiwash



To develop aptitude for scientific work and scientific ability to develop vermicompost

To aware the peoples of natural resources and environment.

Department of Zoology organizes, Carrier Oriented Course on, **VERMICOMPOSTING**



It helps to create organic manures which is useful to farmers for organic farming, by means of which it helps to provide healthy food and avoid pollution

Aware students about the importance of organic manure.


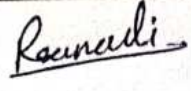

To acquaint students with some basic concepts of Vermicomposting

Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF ZOOLOGY

Data Analysis using MS Excel

Board of Studies

Sr. No.	Name	Designation	Signature
1.	Prof. (Dr.) Suvarna B. More	President	
2.	Asst. Prof. (Dr.) Reshma A. Sanadi	Member	
3.	Mr. Shivam P. Jaganade	Member	

**Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.**

## **DEPARTMENT OF ZOOLOGY**

### **Vermicomposting**

#### **Objectives:**

1. To acquaint students with some basic concepts of Vermicomposting.
2. To aware students about the importance of organic manure.
3. To know the process of vermicomposting.

#### **Duration:**

The course will be completed in 30 hours (3 months).

#### **Eligibility of the student:**

1. The student must have the basic knowledge of Farming.
2. Student must have passed H. Sc. Examination.

#### **Course outcomes:**

- By the end of this course students are expected,
1. To have basic knowledge of vermiculture, vermicomposting and vermiwash.
  2. To develop aptitude for scientific work and scientific ability to develop vermicompost.
  3. To aware the peoples of natural resources and environment.
  4. It helps to create organic manures which is useful to farmers for organic farming, by means of which it helps to provide healthy food and avoid pollution.

#### **Evaluation Method:**

The examination will be conducted in two parts – theory and practical. Theory examination will consist of 25 multiple choice questions which will be conducted online/offline and Practical examination will be of 25 marks which will be at the Department of Zoology at end of the course.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF ZOOLOGY

### Vermicomposting

### Syllabus

#### Objectives and course outcomes:

1. To acquaint students with some basic concepts of Vermicomposting.
2. To aware students about the importance of organic manure.
3. To know the process of vermicomposting.

#### Unit 1: Vermiculture

(08 hours)

**1.1 Introduction:** Vermiresources, Annelids useful for man and environment

**1.2 Systemic position of Earthworm:** Species diversity (Endemic and exotic), Classification of Earthworm, Study of various species of Earthworms, Region. wise distribution of Earthworm in India.

**1.3 Habit and Habitat:** Habits of Earthworm, Habitat and Habitat diversity, Seasonal dynamics, Study of various environmental factors affecting the habits (Soil type, pH, temperature, water, atmospheric gases etc)

**1.4 External characters:** Study of external characters and segmentation-a) Body division of Earthworm, b)size,shape and colouration, c)segmentation

**1.5 Study of gut microflora:** Study of various Microorganisms found in gut of earthworm, Classification of useful and harmful microbes, Role of earthworm in dispersal of beneficial and harmful microorganisms.

**1.6 Setting of composting small units :** Study of various composting materials (cattle dung, leaf litter, various agricultural byproducts, domestic sewage, vegetable wastes etc), Study of small composting units- a)Collection and preparation of composting material, b)construction of compost beds, various types i)simple polythene bed, ii) Composite cement bed, d)various types of productive shades- size, shape, height, width etc.

#### 2 Unit 2: Vermicomposting

(7 hours)

##### A. Vermitechnology

##### I. Vermiculture

- i. Introduction
- ii. Applications or potentials of Earthworm in various fields like
  - a) Waste decomposer

- b) Biofertilizer manufacturer
  - c) Land recliner
  - d) Protein producer
  - e) Food source
  - f) Drug source
  - g) Vitamin source
  - h) Natural detoxicant
  - i) As a bait.
- iii. Study of various species of Earthworms
    - i. Introduction
    - ii. Brief introduction about species diversity
    - iii. Epigeic species
    - iv. Endogenic species
    - v. Anecic species
    - vi. Varieties of Earthworm
      - a) Night crawlers
      - b) Field worms
      - c) Manure worms
      - d) Red worms
  - iv. Culturing of Earthworms

## **B. Vermicomposting**

### **I. Introduction**

### **II. Types of Earthworms suitable for vermicomposting.**

### **III. Shed construction**

### **IV. Various methods of Vermicomposting**

- i. Heap method
- ii. Pit method
- iii. Bed method
- iv. Daily maintenance method
- v. Harvesting of vermicomposting
- vi. Screening {filtration} and packing

### **V. Study of Raw Materials for vermicomposting**

- i. Introduction
- ii. Food preference by earthworms
- iii. Various types of raw materials

Eg. Organic product, vegetables, F.Y.M, Leaf litter, byproduct of agriculture after crop-harvesting etc.

### **VI. Applications of Vermicompost in Agri & Horticulture**

**VII. Major ingredients and their percentage in vermicompost**

**VIII. Effect of vermicompost on soil fertility.**

**IX. Setting of a large vermicomposting unit**

- i. Introduction
- ii. Basic requirements designing and planning
- iii. Size, shape & infrastructure [Space required]
- iv. Protective measures
- v. Various equipments like screen, packing bags, packing machine, weight balance etc.
- vi. Water management
- vii. Economics

**X. Vermiwash**

- i. Introduction
- ii. Methods of preparation & collection
- iii. It's chemical composition & its uses

**XI. Benefits of Vermicomposting**

- i. Waste & pollution management
- ii. Production of superior quality manure from inferior wastes.
- iii. It's field applications & better results

**XII. Environmental assessment**

- i. The benefits of vermicompost in environment
- ii. Best methods for pollution control
- iii. Proper use of various biodegradable wastes
- iv. To keep the environment clean & healthy

**XIII. Marketing & Economy output.**

## PRACTICAL

### Paper I- Vermiculture

(08 hours)

- I. Systemic position and external characteristic
- II. Dissection of digestive system
- III. Dissection of nervous system
- IV. Dissection of reproductive system
- V. Study of Cloaca
- VI. Observation of Gut Microflora
  - i. Preparation of material
  - ii. Preparation of slide
  - iii. Staining and Observation
  - iv. Identification of Microorganisms
- VII. Preparation of Protective shade
  - i. Observation of various types of material used for shade construction
- VIII. Arranging different types of composting unit
  - i. Study & observation of various compost materials
  - ii. Preparation of compost beds
- IX. Collection and packing of vermicompost
- X. Collection of Vermi-wash
- XI. Various uses of vermi-wash

### Paper II- Vermicomposting

- I. Identification of various species
  - a. Epigic
  - b. Anecic
  - c. Endogenic
- II. Dissection of Reproductive system and Mounting of ovary, testes, spermatheca
- III. Observation of cocoon
- IV. Various methods and materials required for the vermicomposting
  - i. Shed construction
  - ii. Materials required
- V. Study of various composting methods
  - i. Heap methods
  - ii. Pit methods
  - iii. Bed methods

- VI. Preparation of material for composting**
  - i. Collecting of material
  - ii. Processing of material
  - iii. Removal of unwanted material
  - iv. Slurry Preparation
- VII. Study of various types of wastes**
  - i. Organic wastes
  - ii. Dry wastes
  - iii. Field waste
- VIII. Methods of reducing size of wastes**
- IX. Microbial Inoculation**
- X. Methods of harvesting and packing of vermicompost**
- XI. Insitu application of vermicompost for potted and observation of result**
- XII. Setting of small scale composting units**
- XIII. Preparation of vermiwash and its applications**
- XIV. Comparative study of vermicompost and chemically fertilized agricultural lands.**


**TIMETABLE FOR CERTIFICATE COURSE IN Vermiculture and  
vermicomposting technology (2023-24)**

**B. Sc. II and B.Sc. III**

Day	Lecturer: Prof. (Dr.) S. B. More			
Monday	***	07-08-2023	14-08-2023	***
Tuesday	***	08-08-2023	***	***
Wednesday	02-08-2023	***	23-08-2023	***
Thursday	03-08-2023	***	24-08-2023	31-08-2023
Friday	04-08-2023	11-08-2023	***	***
Saturday	***	12-08-2023	***	***

Day	Lecturer: Dr. R. A. Sanadi				
Monday	***	04-09-2023	***	18-09-2023	***
Tuesday	***	***	***		***
Wednesday	***	***	13-09-2023	20-09-2023	***
Thursday	***	***	***	***	***
Friday	***	08-09-2023	15-09-2023	***	29-09-2023
Saturday	02-09-2023	09-09-2023	***	***	30-09-2023

Day	Lecturer: Mr. S. P. Jaganade				
Monday	***	***	***	23-10-2023	
Tuesday	03-10-2023	10-10-2023	***	***	***
Wednesday	04-10-2023	11-10-2023	***	***	***
Thursday	***	***	19-10-2023	***	***
Friday	06-10-2023	***	20-10-2023	***	***
Saturday	***	14-10-2023	***	***	***

  
Head

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

DEPARTMENT OF ZOOLOGY

Vermicomposting

Attendance (B. Sc. III)

Theory

Sr. No.	Name	1-9-23	4-8-23	7-9-23	18-9-23	24-8-23	4-9-23	9-9-23	13-9-23	18-9-23	27-9-23	30-9-23	3-10-23	11-10-23	19-10-23	20-10-23
1.	Patil Rutuja Ashok	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2.	Salunkhe Sanika Kailas	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3.	Phakade Pratibha Mohan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4.	Shirke Ashwini Shivaji	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5.	Jadhav Pornima Sanjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6.	Kharade Rupali Ramchandra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7.	Kshirsagar Anisha Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8.	Bhosale Sanika Sanjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9.	Mane Rutuja Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10.	Bhosale Sandhyarani Amol	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11.	Kambale Rohan Rajesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12.	Kambale Shridhar Mohan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13.	Chavan Bhushan Rajendra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4.	Bansode Sagar Sambhaji	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5.	Mane Vishwajeet Santosh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

*(Signature)*

Co-ordinator.

*(Signature)*

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

DEPARTMENT OF ZOOLOGY

Vermicomposting

Attendance (B. Sc. III) Practical

Sr. No.	Name	3-9-23	3-8-23	11-8-23	14-8-23	23-8-23	31-9-23	2-9-23	9-9-23	15-9-23	20-9-23	04-10-23	6-10-23	10-10-23	14-10-23	23-10-23
1.	Patil Rutuja Ashok	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2.	Salunkhe Sanika Kailas	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3.	Phakade Pratibha Mohan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4.	Shirke Ashwini Shivaji	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5.	Jadhav Pornima Sanjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6.	Kharade Rupali Ramchandra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7.	Kshirsagar Anisha Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8.	Bhosale Sanika Sanjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9.	Mane Rutuja Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10.	Bhosale Sandhyarani Amol	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11.	Kambale Rohan Rajesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12.	Kambale Shridhar Mohan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13.	Chavan Bhushan Rajendra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14.	Bansode Sagar Sambhaji	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15.	Mane Vishwajeet Santosh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

*Anvika*  
Co-ordinator

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

DEPARTMENT OF ZOOLOGY

Vermicomposting

Attendance (B. Sc. II) Theory

Sr. No.	Name	2-8-23	4-9-23	7-8-23	9-9-23	12-9-23	14-9-23	16-9-23	18-9-23	20-9-23	22-9-23	24-9-23	26-9-23	28-9-23	30-9-23	2-10-23	4-10-23	6-10-23	8-10-23	10-10-23	12-10-23	14-10-23	16-10-23	18-10-23	20-10-23	
1.	Jadhav Sanika Tanaji	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2.	Patil Shruti Snajay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3.	Zure Shruti Shankar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4.	Patil Pooja Ashok	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5.	Jadhav Varsha Ramdas	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6.	Bhosale Ashwini Vasantao	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7.	Jadhav Amruta Ravsaheb	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8.	Nagane Akanksha Hanmant	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9.	Bhosale Sanika Dattatray	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10.	Salunkhe Snehal Uttam	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11.	Jankar Yash Balkrushna	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12.	Shinde Pranav Murlidhar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3.	Naik Sachin Ganesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4.	Kshirsagar Rutesh Ranesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5.	Patil Sudhir Pratap	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

*Awam*

Co.ordinator

*SR*

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

DEPARTMENT OF ZOOLOGY

Vermicomposting

Attendance (B. Sc. II) Practical

Sr. No.	Name	3-8-23	8-8-23	11-8-23	14-8-23	23-8-23	31-8-23	2-9-23	9-9-23	15-9-23	20-9-23	27-9-23	6-10-23	10-10-23	14-10-23	23-10-23
1.	Jadhav Sanika Tanaji	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
2.	Patil Shruti Snajay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3.	Zure Shruti Shankar	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
4.	Patil Pooja Ashok	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
5.	Jadhav Varsha Ramdas	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
6.	Bhosale Ashwini Vasant	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
7.	Jadhav Amruta Ravsaheb	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
8.	Nagane Akanksha Hanmant	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
9.	Bhosale Sanika Dattatray	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
10.	Salunkhe Snehal Uttam	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
11.	Jankar Yash Balkrushna	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
12.	Shinde Pranav Murlidhar	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
13.	Naik Sachin Ganesh	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
14.	Kshirsagar Rutesh Ganesh	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
15.	Patil Sudhir Pratap	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES

*[Signature]*  
Co-ordinator.

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

15.

Mane Vishwajeet Santosh

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF ZOOLOGY

### Vermicomposting

Date: 01-11-2023

### NOTICE

All the enrolled students are informed that, the timetable for theory examination and practical examination of the course in "Vermicomposting" is as below,

Examination	Time
Theory and Practical	Tuesday 7 <sup>th</sup> November 2023 Theory- (10.00 a.m. to 11.00 a.m.) Practical- (12.00 p.m. to 03.00 p.m.)



Co-ordinator



Head

Head

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



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

**C.O.C. Vermicomposting Theory Question Paper**

Name of Student:

Day & Date:

Class: .....

Total Marks: 50

Que. Choose Correct Answer of the following.

1. The highly decomposed organic matter rich in minerals like nitrogen, phosphorus, and potassium, in particular, produced from the activity of earthworms is called \_\_\_\_\_.

- (a) Humus    (b) Vermicompost    (c) Worm casting    (d) Compost bedding

2. Which of the following chemicals is used for protecting vermi-bed from ants?

- (a) DDT    (b) Griseofulvin    (c) Chloramphenicol    (d) Chlorpyriophosphate

3. Vermicompost is used as a biofertilizer because it is rich in \_\_\_\_\_.

- (a) Calcium    (b) Nitrogen    (c) Phosphorus    (d) All of the above

4. Which of the following are the best worms used for composting?

- (a) Maggots    (b) Pink worms    (c) Red wigglers    (d) All of the above

5. The maximum temperature required for vermicomposting is \_\_\_\_\_.

- (a) 20<sup>o</sup>C to 25<sup>o</sup>C    (b) 25<sup>o</sup>C to 30<sup>o</sup>C    (c) 30<sup>o</sup>C to 35<sup>o</sup>C    (d) 35<sup>o</sup>C to 40<sup>o</sup>C.

6. Which of the following is not raw material required for preparing composts?

- (a) Cow dung    (b) Weed biomass    (c) Dry straw and leaves    (d) All of the above

7. The moisture level required for vermicomposting should be between \_\_\_\_\_.

- (a) Below 30 %    (b) 40 and 50 %    (c) 70 and 80 %    (d) Above 90 %

8. Which of the following is not a drawback of vermicomposting?

- (a) Time-consuming process    (b) Require regular monitoring  
(c) Require minimum temperature    (d) Enriches soil with microorganisms

9. Which of the following is true about vermicompost?

- (a) Vermicompost is red in colour    (b) Vermicompost is black in colour  
(c) Vermicompost is white in colour    (d) Vermicompost is brown in colour

10. Which of the following products cannot be used for vermicomposting?

- (a) Cow dung    (b) Plant materials    (c) Animal Wastes    (d) All of the above

11. Which of the following is not a major objective of Vermicomposting?

- a) To elevate the value of original material    b) To accelerate the rate of degradation  
c) To obtain toxic products    d) To obtain products free of any pollutants

12. Which among the following is not a major reason for choosing earthworms for Vermicomposting?

- a) Low incubation time    b) Digestion rate    c) Adaptability    d) Low growth rate

13. Which of the following species of earthworms is not suitable for Vermicomposting?

- a) Epifilis    b) Endogens    c) Aneciques    d) Plasmodium

14. Which of the following species is most stable in Indian conditions?

- a) Perionyx    b) Epifilis    c) Endogens    d) Aneciques

15. Earthworms subsidize to the burial of wastes?

- a) True    b) False

16. Which of the following is not a method of worm cast harvesting or manufacturing?

- a) Homogenization                      b) Active feeding
- c) Drying under adequate light      d) Separation of cocoons

**17. What is the major advantage of three-tire vermi-culture technology?**

- a) It can be applied to both solid and liquid wastes
- b) It cannot be applied to both solid and liquid wastes
- c) It involves chemical treatment
- d) It can degrade organic wastes

**18. Meat involved in composting?**

- a) Beetle      b) Leech      c) Snail      d) Earthworm

**19. Vermicomposting is a natural process of**

- a) Producing compost      b) Waste management creates it
- c) Producing worms      d) Destroying worms

**20. In earthworms, typhlosole is a**

- a) Fold of intestine      b) Formation of the circulatory system
- c) Defence mechanism      d) Excretory structure

**21. Which of the following is not the main reason for choosing Vermicomposting worms?**

- a) Low incubation time      b) Digestion rate      c) Adaptability      d) Low growth rate

**22. Which of the following is a mixture of ingredients used to fertilize and improve the soil?**

- a) Phosphatic fertilizers      b) Mycelium      c) Compost      d) Alfa-alfa

**23. Which of the following form the first layer of compost?**

- a) Branches and twigs      b) Leaves      c) Grass clipping      d) Kitchen scraps

**24. What is the width of the second layer of compost?**

- a) 4-6 inches      b) 4-10 inches      c) 6-10 inches      d) 3-15 inches

**25. What type of bin is best for vermicomposting?**

- a) Plastic      b) Wood      c) Metal      d) All of these

**Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF ZOOLOGY**

**Data Analysis using MS Excel**

**Practical Examination**

**Duration: 3 Hours**

**Total Marks :50**

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**Instructions: 1) All questions are compulsory**

Que 1. Preparation of Vermibeds	<b>20M</b>
Que 2. Identification and release of earthworm species for preparation of vermicompost	<b>10M</b>
Que 3. Economic Importance of Vermicompost and Vermiwash	<b>10M</b>
Que 4. Viva voce	<b>10M</b>

Photos:

### Theory Examination



### Practical Examination



Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF ZOOLOGY

Data Analysis using MS Excel

### Result

Sr. No	Name	Class	Marks			Remark
			Theory	Practical	Total	
1.	Jadhav Sanika Tanaji	B. Sc. II	44	46	90	O
2.	Patil Shruti Sanjay	B. Sc. II	AB	AB	AB	ABSENT
3.	Zure Shruti Shankar	B. Sc. II	38	42	80	A
4.	Patil Pooja Ashok	B. Sc. II	40	46	86	A
5.	Jadhav Varsha Ramdas	B. Sc. II	42	43	85	A
6.	Bhosale Ashwini Vasanttrao	B. Sc. II	44	45	89	A
7.	Jadhav Amruta Ravsaheb	B. Sc. II	42	46	88	A
8.	Nagane Akanksha Hanmant	B. Sc. II	42	44	86	A
9.	Bhosale Sanika Dattatrya	B. Sc. II	44	44	88	A
10.	Salunkhe Snehal Uttam	B. Sc. II	46	43	89	A
11.	Jankar Yash Balkrurushna	B. Sc. II	42	45	87	A
12.	Shinde Pranav Murlidhar	B. Sc. II	40	46	86	A
13.	Naik Sachin Ganesh	B. Sc. II	42	46	88	A
14.	Kshirsagar Rutesh Ganesh	B. Sc. II	44	43	87	A
15.	Patil Sudhir Pratap	B. Sc. II	38	47	85	A
16.	Patil Rutuja Ashok	B. Sc. III	46	48	94	O
17.	Salunkhe Sanika Kailas	B. Sc. III	44	47	91	O

18.	Phakade Pratibha Mohan	B. Sc. III	40	47	87	A
19.	Shirke Ashwini Shivaji	B. Sc. III	42	47	89	A
20.	Jadhav Pornima Sanjay	B. Sc. III	46	46	92	O
21.	Kharade Rupali Ramchandra	B. Sc. III	44	48	92	O
22.	Kshirsagar Anisha Anil	B. Sc. III	48	48	96	O
23.	Bhosale Sanika Sanjay	B. Sc. III	44	46	90	O
24.	Mane Rutuja Anil	B. Sc. III	38	46	84	A
25.	Bhosale Sandhyarani Amol	B. Sc. III	40	44	84	A
26.	Kambale Rohan Rajesh	B. Sc. III	36	45	81	A
27.	Kambale Shridhar Mohan	B. Sc. III	40	46	86	A
28.	Chavan Bhushan Rajendra	B. Sc. III	40	47	87	A
29.	Bansode Sagar Sambhaji	B. Sc. III	42	48	90	O
30.	Mane Vishwajeet Santosh	B. Sc. III	32	48	80	A

(\*A - Satisfactory    \*\*O - Outstanding)



Head

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

## CERTIFICATE

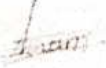



Shikshan Prasarak Sanstha's  
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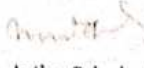
### DEPARTMENT OF ZOOLOGY

## C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. \_\_\_\_\_ of  
Class \_\_\_\_\_ has successfully completed the Short Term Career Oriented Certificate Course  
entitled 'Vermicomposting', and secured grade \_\_\_\_\_ during the academic year 2023-24.

  
Course Co-Ordinator  
Mr. S. P. Jaganade

  
Head  
Department of ZOOLOGY  
Prof. (Dr.) S. B. More

  
Acting Principal  
Prof. (Dr.) M. K. Patil

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF ZOOLOGY

### Report on Career Oriented Course in "Vermicomposting"

<b>Title</b>	<b>Career Oriented Course in "Vermicomposting"</b>
<b>Duration</b>	2 <sup>nd</sup> August 2023 to 30 <sup>th</sup> October 2023
<b>Organizer</b>	Department of Zoology, P.V.P. Mahavidyalaya Kavathe Mahankal
<b>Funding</b>	--
<b>BOS / Faculty</b>	Prof. Dr. Suvarna B. More Dr. Reshma A. Sanadi Mr. Shivam. P. Jaganade
<b>Coordinator</b>	Mr. Shivam. P. Jaganade
<b>Background</b>	Now a days, students must have some knowledge of Organic farming by using Organic manures like vermicompost. So this course is intended.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To acquaint students with some basic concepts of Vermicomposting.</li><li>2. To aware students about the importance of organic manure.</li><li>3. To know the process of vermicomposting.</li></ol>
<b>Outcomes</b>	<ol style="list-style-type: none"><li>1. To have basic knowledge of vermiculture, vermicomposting and vermiwash.</li><li>2. To develop aptitude for scientific work and scientific ability to develop vermicompost.</li><li>3. To aware the peoples of natural resources and environment.</li><li>4. It helps to create organic manures which is useful to farmers for organic farming, by means of which it helps to provide healthy food and avoid pollution.</li></ol>

<b>Conclusion</b>	Students got sufficient knowledge about the vermitechnology, Preparation of vermicompost and vermiwash. It helps to community to reduce pollution and to got healthy future by organic farming and organic food. The course creates interest in students for preparation of vermicompost by using domestic waste and garbage from each community. <b>“So Garbage is nothing but Gold.</b> Thus this course is fruitful and motivational for participated students.
-------------------	--

**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.**


## DEPARTMENT OF ZOOLOGY

Career Oriented Course in “Vermicomposting”

### Brief Summary

Sr. No.	Organizing department	Department of Zoology		
1	Type of Activity	Career Oriented Course in “Vermicomposting”		
2	Duration of Activity	2 <sup>nd</sup> August 2023 to 31 <sup>st</sup> October 2023		
3	Venue	Department of Zoology		
4	Participation			
	Students	Male	Female	Total
	B. Sc. II	10	5	15
	B. Sc. III	10	5	15
	Total	20	10	30
5	Result	A-Grade	O-Grade	Total
	B. Sc. II	13	01	14
	B. Sc. III	07	08	15
	Total	20	9	29

  
Coordinator

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

Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya**



Kavathe Mahankal , Sangli  
Affiliated to Shivaji University, Kolhapur

## **Career Oriented Course**

### *A Career Oriented Course in Identification and Uses of Medicinal Plants*

Prepared by

**Department of Botany**

**Padmabhushan Vasantodada Patil Mahavidyalaya**

Kavathe Mahankal 416405

## DEPARTMENT OF BOTANY

### Report on Career Oriented Course in "Identification and Uses of Medicinal Plants"

Title	Career Oriented Course in "Identification and Uses of Medicinal Plants"
Duration	10 <sup>th</sup> January 2023 to 10 <sup>th</sup> April 2023
Organizer	Department of Botany, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Asso. Prof. T. G. Patil Asso. Prof. Dr. B. T. Jadhav Mr. S. B. Patil Mr. S. M. Sabale
Coordinator	Asso. Prof. Dr. B. T. Jadhav
Background	Now days we should conduct a massive campaign to create awareness on importance of medicinal plants. The medicinal plant awareness programme carried out on student level can be more effective. So this course is intended.
Objective	<ul style="list-style-type: none"><li>❖ To identify medicinal plants.</li><li>❖ To create optimum awareness and interest amongst students for medicinal plants.</li><li>❖ To conserve the biodiversity of medicinal plants.</li><li>❖ To develop awareness for utilization of herbal medicine for home remedy.</li></ul>
Outcomes	<ul style="list-style-type: none"><li>❖ To gain some basic knowledge of medicinal plants and how the medicinal plants are identified.</li><li>❖ To have the skill of field work and understand the importance of field work.</li><li>❖ To have knowledge about the collection and preservation techniques of medicinal plants.</li><li>❖ To know about medicinal plant diversity, ancient medicinal systems and local healthcare.</li></ul>
Conclusion	Students got sufficient knowledge about medicinal plants and there uses. Course creates awareness about to conservation of medicinal plants. Thus this course is helpful and motivational for participated students.



Acting Principal

Padmalakshmi Vasantkradada Patil  
Mahavidyalaya, Mahankal Dist-Sarg.

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF BOTANY


Report on Career Oriented Course in "Identification and Uses of Medicinal Plants"

### Brief Summary

Sr. No.	Organizing department	Department of Botany			
1	Type of Activity	Career Oriented Course in "Identification and Uses of Medicinal Plants"			
2	Duration of Activity	10 <sup>th</sup> January 2023 to 10 <sup>th</sup> April 2023			
3	Venue	Botany Lab, Department of Botany			
4	Participation				
	Students	Male	Female	Total	
	B. Sc. III & B. Sc. II	05	32	37	
5	Result	A-Grade	B-Grade	C-Grade	Total
	B. Sc. III & B. Sc. II	37	0	0	37

  
Coordinator

  
Acting Principal  
Padmabhushan Vasanttraodada Patil  
Mahavidyalaya, Kavathe Mahankal Dist-Sangli

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

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## Department of Botany

Head of Department,  
Department of Botany  
P. V. P. Mahavidyalaya,  
KavatheMahankal, Dist. Sangli,  
Maharashtra 416405  
Date: 03/01/2023

To,  
The Principal,  
Padmabhushan Vasantraodada Patil Mahavidyalaya,  
KavatheMahankal, Dist. Sangli,  
Maharashtra 416405

**Subject:** Seeking a permission to start the career-oriented course in  
"Identification and Uses of Medicinal Plants".

Respected sir,

As per your guidelines we are going to start a career oriented course in "Identification and Uses of Medicinal Plants" in Department of Botany for our college students. This course will be of 48 hours and will be completed during January 2023 to April 2023. The course will be definitely very beneficiary for students.

I request you to give permission to start the above course in the Department.

Thanking you.

*Permission granted.*

*Murad*

**Acting Principal**  
Padmabhushan Vasantraodada Patil  
Mahavidyalaya, Kavathe Mahankal, Dist-Sangli

Yours faithfully,

*[Signature]*  
**Head**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

Date: 03-10-2022

**NOTICE**

All the students in P. V. P. Mahavidyalaya, KavatheMahankal are informed that, Department of Botany is going to start the career-oriented course in "Identification and uses of Medicinal Plants". The interested students are requested to enroll upto 10<sup>th</sup> January, 2023.

  
Course Coordinator

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

# Brochure

Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantrodada Patil Mahavidyalaya**



Kavathe Mahankal, Sangli  
Affiliated to Shivaji University, Kolhapur

*Department of Botany*



Open for  
Enrollment

*A Career Oriented Course*

*in Identification and Uses of Medicinal Plants*

Starting From 10 January 2023

**Specifications:**

- ❖ Well equipped labs
- ❖ Experienced teachers
- ❖ Free Certificate

**Join Now**


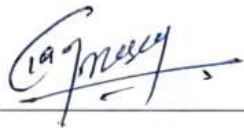
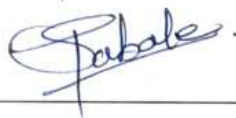

Contact us on:  
Mob No. 9822495288

**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Board of Studies**

Sr. No.	Name	Designation	Signature
1.	Asso. Prof. T. G. Patil	President	
2.	Asso. Prof. Dr. B. T. Jadhav	Member	
3.	Mr. S. M. Sabale	Member	
4.	Mr. S. B. Patil	Member	



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

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

Medicinal plants are considered as rich resources of ingredients which can be used in drug development either pharmacopial, non-pharmacopial or synthetic drugs. The plants that possess therapeutic properties beneficial pharmacological effects on the animal and human body are generally designated as medicinal plants. The plants serve as therapeutic agents as well as important raw materials for manufacture of traditional and modern medicine. In India the use of different parts of several medicinal plants to cure specific ailments from ancient time. The indigenous system of medicine namely Ayurvedic, Siddha, Buddha and Unani have been in existence for several centuries. But today we avoid the medicinal plants and accept the new pharmaceutical and synthetic medicinal practices which are not beneficial for human body. The pharmaceutical and synthetic medicine made some side effects on our body.

Now days we should conduct a massive campaign to create awareness on importance of medicinal plants. The medicinal plant awareness programme carried out on student level can be more effective, so in this awareness programme our institute starting a carrier oriented course in Identification and Uses of Medicinal Plants for students.

**Aims and Objectives:**

- ❖ To identify medicinal plants.
- ❖ To create optimum awareness and interest amongst students for medicinal plants.
- ❖ To conserve the biodiversity of medicinal plants.
- ❖ To develop awareness for utilization of herbal medicine for home remedy.

**Duration:**

The course will be completed in 50 hours (3 months).

**Eligibility of the student:**

- ❖ The student must have the basic knowledge of Botany.
- ❖ Student must have passed H. Sc. Examination.
- ❖ Student studying in institute for B.Sc.

**Course outcomes:**

By the end of this course students are expected,

- ❖ To gain some basic knowledge of medicinal plants and how the medicinal plants are identified.
- ❖ To have the skill of field work and understand the importance of field work.
- ❖ To know about the collection and preservation techniques of medicinal plants.
- ❖ To know about medicinal plant diversity, ancient medicinal systems and local healthcare.

### **Evaluation Method:**

All the students will be continuously evaluated by,

1. Internal evaluation	10M
2. Theory examination	50 M
3. Practical examination	30 M
4. Oral	10M
<hr/>	
	100 M

### **Nature of Theory Question Paper.**

Q. 1. 25 Multiple choice question. (50 marks)

### **Nature of practical Examination.**

During Practical examination student have to perform three practical. Examination will be of five hours. Oral examination is conducted during practical exam.

**Grades:** A grade= above 60, B grade = above 50, C grade = above 40

**Certification:** A certificate will be issued on successful completion of the course.

# CARRIER ORIENTED COURSE

Duration: 3 Months (50 Hours)

Syllabus - Theory (32 Hours)

## Unit: 1 – Introduction to Medicinal Plants

11L

- 1.1 – Definition, History, Importance and Future Prospects
- 1.2 – Past and Present Status
- 1.3 – Medicinal Plant Diversity and Local Healthcare
- 1.4 – Medicinal Plant Conservation- issues and approaches
- 1.5 – Data Collection and representation

## Unit: 2 – Medicinal Plants I

07L

- 2.1 – A brief account of following medicinal plants, their constituents used in indigenous system and their uses. Root: *Withania somnifera*, *Asparagus racemosus*
- 2.2 – Rhizome: *Zingiber officinale*, *Curcuma longa*
- 2.3 – Stem: *Tinospora cordifolia*, *Plumbago zeylanica*, *Azadirachta indica*
- 2.4 – Bark: *Cinnamomum verum*

## Unit: 3 – Medicinal Plants II

07L

- 3.1 - A brief account of following medicinal plants, their constituents used in indigenous system and their uses. Leaf: *Aloe vera*, *Justicia adhatoda*, *Tridax procumbens*, *Tribulus terrestris*, *Calotropis gigantia*, *Piper betle*
- 3.2 – Flower bud: *Syzygium aromaticum*
- 3.3 – Flower: *Hibiscus rosa-sinensis*, *Rosa indica*, *Tagetes erecta*

## Unit: 4 – Medicinal Plants III

07L

- 4.1 - A brief account of following medicinal plants, their constituents used in indigenous system and their uses. Fruit: *Aegle marmelos*, *Annona squamosa*, *Citrus medica*, *Terminalia arjuna*, *Embllica officinalis*
- 4.2 – Seed: *Abrus precatorius*, *Bixa orellana*, *Jatropha curcus*, *Trigonella foenum-graecum*

## Practical (18 Hours)

1. Study of exomorphic characters: Study of stem, root, leaf, inflorescence, flower, fruit, and seed of any two medicinal plants.
2. Macroscopic and organoleptic evaluation of *Kalancho*, *Acorus*, *Syzygium cumini*, *Piper nigrum*
3. Microscopic evaluation of *Ficus*, *Foeniculum vulgare*.
4. Herbal preparation – Ointment.
5. Ethnobotanical study of *Santalum album* and *Morinda citrifolia*.
6. Taxonomical identification of medicinal plants.



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

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**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**TIMETABLE**

Day	Monday	Tuesday	Wednesday	Friday
Theory/ Practical	Theory	Theory	Theory	Practical
Lecturer	TGP	BTJ	SBP	SMS

- The time of theory lectures will be 9:30am to 10:30am in Botany department.
- The time for practical will be 8:00am to 11:00am in Botany laboratory.
- This lecture schedule is followed from 10<sup>th</sup> January to 10<sup>th</sup> April in second semester.

  
Course Co-ordinator

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

Padmabhushan Vasanthaodada Patil Mahavidyalaya, Kavathe Mahankal.

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Notice**

Date: 07-01-2023

All the enrolled students are informed that, the lectures and practicals of the course will be started from **10<sup>th</sup> January** as per timetable. All the lectures and practical's will be conducted in Botany department.

  
Course Coordinator

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

**Padmabhushan Vasanthaodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Admission List**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Roll No.</b>
1	Athavale Pramodini Savant	B01
2	Bandgar Sarika Birbal	B02
3	Bhosale Sandhyarani Amol	B03
4	Bhusnar Snehal Namdev	B04
5	Choudhary Geeta Dayaram	B05
6	Deshinge Aditi Maruti	B06
7	Devkate Payal Balaso	B07
8	Dudhal Ratan Savanta	B08
9	Jadhav Tejashri Raosaheb	B09
10	Jagtap Prajakta Yashwant	B10
11	Jagtap Tejaswini Bharat	B11
12	Karande Rutuja Virendra	B12
13	Kolekar Pranali Rajendra	B13
14	Mangave Aishwarya Pravin	B14
15	Mulani Sharmin Shoukat	B15
16	Nikam Gayatri Mohan	B16
17	Patil Pranali Laxman	B17
18	Patil Rutuja Ashok	B18
19	Patil Rutuja Shankar	B19
20	Patil Sonal Shrikant	B20
21	Patil Supriya Vijay	B21
22	Patil Swapnali Uttam	B22
23	Pawar Kiran Tanaji	B23
24	Pawar Nikita Laxman	B24
25	Salunkhe Sanika Kailas	B25
26	Sapkal Rahul Gajanan	B26
27	Savale Sakshi Arun	B27
28	Shejal Sayajirao Laxman	B28

29	Shinde Digamber Sambhaji	B29
30	Shinde Shailaja Dilip	B30
31	Sonavane Pooja Shrikant	B31
32	Surwanshi Pratiksha Ajayraj	B32
33	Suryawanshi Nilima Ganpatrao	B33
34	Suryawanshi Rutuja Ramchandra	B34
35	Sutar Nikita Nivrutti	B35
36	Waghmare Aditya Dagadu	B36
37	Yamgar Pooja Tatoba	B37



**Head**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankai Dist-Sangli**



Sr. No.	Student Name	Date	
8.	Dudhal Ratan Savanta	11/01/23	Beetal
		16/01/23	Beetal
		17/01/23	Beetal
		18/01/23	Beetal
		23/01/23	Beetal
		24/01/23	Beetal
		25/01/23	Beetal
		31/01/23	Beetal
		01/02/23	Beetal
		06/02/23	Beetal
		07/02/23	Beetal
		08/02/23	Beetal
		13/02/23	Beetal
		14/02/23	Beetal
		15/02/23	Beetal
20/02/23	Beetal		
21/02/23	Beetal		
22/02/23	Beetal		
27/02/23	Beetal		
28/02/23	Beetal		
01/03/23	Beetal		
06/03/23	Beetal		
13/03/23	Beetal		
14/03/23	Beetal		
15/03/23	Beetal		
20/03/23	Beetal		
21/03/23	Beetal		
27/03/23	Beetal		
28/03/23	Beetal		
29/03/23	Beetal		
03/04/23	Beetal		
05/04/23	Beetal		
9.	Jadhav Tejashri Raosaheb	11/01/23	Jadhav
		16/01/23	Jadhav
		17/01/23	Jadhav
		18/01/23	Jadhav
		23/01/23	Jadhav
		24/01/23	Jadhav
		25/01/23	Jadhav
		31/01/23	Jadhav
		01/02/23	Jadhav
		06/02/23	Jadhav
		07/02/23	Jadhav
		08/02/23	Jadhav
		13/02/23	Jadhav
		14/02/23	Jadhav
		15/02/23	Jadhav
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21/02/23	Jadhav		
22/02/23	Jadhav		
27/02/23	Jadhav		
28/02/23	Jadhav		
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06/03/23	Jadhav		
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27/03/23	Jadhav		
28/03/23	Jadhav		
29/03/23	Jadhav		
03/04/23	Jadhav		
05/04/23	Jadhav		
10.	Jagtap Prajakta Yashwant	11/01/23	Pajtap
		16/01/23	Pajtap
		17/01/23	Pajtap
		18/01/23	Pajtap
		23/01/23	Pajtap
		24/01/23	Pajtap
		25/01/23	Pajtap
		31/01/23	Pajtap
		01/02/23	Pajtap
		06/02/23	Pajtap
		07/02/23	Pajtap
		08/02/23	Pajtap
		13/02/23	Pajtap
		14/02/23	Pajtap
		15/02/23	Pajtap
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21/02/23	Pajtap		
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27/02/23	Pajtap		
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14/03/23	Pajtap		
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27/03/23	Pajtap		
28/03/23	Pajtap		
29/03/23	Pajtap		
03/04/23	Pajtap		
05/04/23	Pajtap		
11.	Jagtap Tejaswini Bharat	11/01/23	Beetal
		16/01/23	Beetal
		17/01/23	Beetal
		18/01/23	Beetal
		23/01/23	Beetal
		24/01/23	Beetal
		25/01/23	Beetal
		31/01/23	Beetal
		01/02/23	Beetal
		06/02/23	Beetal
		07/02/23	Beetal
		08/02/23	Beetal
		13/02/23	Beetal
		14/02/23	Beetal
		15/02/23	Beetal
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21/02/23	Beetal		
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27/02/23	Beetal		
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28/03/23	Beetal		
29/03/23	Beetal		
03/04/23	Beetal		
05/04/23	Beetal		
12.	Karande Rutuja Virendra	11/01/23	PVK
		16/01/23	PVK
		17/01/23	PVK
		18/01/23	PVK
		23/01/23	PVK
		24/01/23	PVK
		25/01/23	PVK
		31/01/23	PVK
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28/03/23	PVK		
29/03/23	PVK		
03/04/23	PVK		
05/04/23	PVK		
13.	Kolekar Pranali Rajendra	11/01/23	PAK
		16/01/23	PAK
		17/01/23	PAK
		18/01/23	PAK
		23/01/23	PAK
		24/01/23	PAK
		25/01/23	PAK
		31/01/23	PAK
		01/02/23	PAK
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28/03/23	PAK		
29/03/23	PAK		
03/04/23	PAK		
05/04/23	PAK		
14.	Mangave Aishwarya Pravin	11/01/23	Aish
		16/01/23	Aish
		17/01/23	Aish
		18/01/23	Aish
		23/01/23	Aish
		24/01/23	Aish
		25/01/23	Aish
		31/01/23	Aish
		01/02/23	Aish
		06/02/23	Aish
		07/02/23	Aish
		08/02/23	Aish
		13/02/23	Aish
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		15/02/23	Aish
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28/03/23	Aish		
29/03/23	Aish		
03/04/23	Aish		
05/04/23	Aish		
15.	Mulani Sharmin Shoukat	11/01/23	Qmni
		16/01/23	Qmni
		17/01/23	Qmni
		18/01/23	Qmni
		23/01/23	Qmni
		24/01/23	Qmni
		25/01/23	Qmni
		31/01/23	Qmni
		01/02/23	Qmni
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29/03/23	Qmni		
03/04/23	Qmni		
05/04/23	Qmni		





Sr. No.	Student Name	Date
		11/01/23
16/01/23		
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23/01/23		
24/01/23		
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03/04/23		
05/04/23		



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



Sr. No.	Date Student Name	12/01/23	27/01/23	03/02/23	17/02/23	03/03/23	24/03/23
		18	Patil Rutuja Ashok	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
19	Patil Rutuja Shankar	Psp	Psp	Psp	Psp	Psp	Psp
20	Patil Sonal Shrikant	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
21	Patil Supriya Vijay	<del>ABRATI</del>	<del>ABRATI</del>	<del>ABRATI</del>	<del>ABRATI</del>	<del>ABRATI</del>	<del>ABRATI</del>
22	Patil Swapnali Uttam	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>
23	Pawar Kiran Tanaji	KTP	KTP	KTP	KTP	KTP	KTP
24	Pawar Nikita Laxman	Pn	Pn	Pn	Pn	Pn	Pn
25	Salunkhe Sanika Kailas	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>
26	Sapkal Rahul Gajanan	Pas	Pas	Pas	Pas	Pas	Pas
27	Savale Sakshi Arun	SA	SA	SA	SA	SA	SA
28	Shejal Sayajirao Laxman	Psn	Psn	Psn	Psn	Psn	Psn
29	Shinde Digamber Sambhaji	Seel	Seel	Seel	Seel	Seel	Seel
30	Shinde Shailaja Dilip	SIS	SIS	SIS	SIS	SIS	SIS
31	Sonavane Pooja Shrikant	PSS	PSS	PSS	PSS	PSS	PSS
32	Surwanshi Pratiksha A.	PA	PA	PA	PA	-AB-	PA
33	Suryawanshi Nilima G.	SuryN.	SuryN.	SuryN.	SuryN.	SuryN.	-SuryN..
34	Suryawanshi Rutuja R.	P	P	P	P	P	P
35	Sutar Nikita Nivrutti	<del>Datar</del>	<del>Datar</del>	<del>Datar</del>	<del>Datar</del>	<del>Datar</del>	<del>Datar</del>
36	Waghmare Aditya Dagadu	Adw	Adw	Adw	Adw	Adw	-AB-
37	Yamgar Pooja Tatoba	<del>PKhel</del>	<del>PKhel</del>	<del>PKhel</del>	<del>PKhel</del>	<del>PKhel</del>	<del>PKhel</del>

  
 Head

Department of Botany  
 P.V.P. Mahavidyalaya  
 Kavathe Mahankal Dist-Sangli

**Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.**  
**DEPARTMENT OF BOTANY**  
**Identification and Uses of Medicinal Plants**  
**Exam Attendance**

Sr. No.	Date Student Name	Theory	Practical
		20/04/23	21/04/23
1	Athavale Pramodini Savant	<u>Pate</u>	<u>Pate</u>
2	Bandgar Sarika Birbal	<u>bandgar</u>	<u>bandgar</u>
3	Bhosale Sandhyarani Amol	<u>Bhosale</u>	<u>Bhosale</u>
4	Bhusnar Snehal Namdev	<u>SNB</u>	<u>SNB</u>
5	Choudhary Geeta Dayaram	<u>Geeta</u>	<u>Geeta</u>
6	Deshinge Aditi Maruti	<u>Aditi</u>	<u>Aditi</u>
7	Devkate Payal Balaso	<u>Devkate</u>	<u>Devkate</u>
8	Dudhal Ratan Savanta	<u>Dudhal</u>	<u>Dudhal</u>
9	Jadhav Tejashri Raosaheb	<u>Jadhav</u>	<u>Jadhav</u>
10	Jagtap Prajakta Yashwant	<u>Jagtap</u>	<u>Jagtap</u>
11	Jagtap Tejaswini Bharat	<u>Jagtap</u>	<u>Jagtap</u>
12	Karande Rutuja Virendra	<u>RVK</u>	<u>RVK</u>
13	Kolekar Pranali Rajendra	<u>PRK</u>	<u>PRK</u>
14	Mangave Aishwarya Pravin	<u>Aish.</u>	<u>Aishi</u>
15	Mulani Sharmin Shoukat	<u>Sharmin</u>	<u>Sharmin</u>
16	Nikam Gayatri Mohan	<u>Ganikam</u>	<u>Ganikam</u>
17	Patil Pranali Laxman	<u>Pranali</u>	<u>Pranali</u>

Sr. No.	Date Student Name	Theory	Practical
		20/04/23	21/04/23
18	Patil Rutuja Ashok	<u>Rutuja</u>	<u>Rutuja</u>
19	Patil Rutuja Shankar	<u>Rsp</u>	<u>Rsp</u>
20	Patil Sonal Shrikant	<u>Sonal</u>	<u>Sonal</u>
21	Patil Supriya Vijay	<u>SPV</u>	<u>SPV</u>
22	Patil Swapnali Uttam	<u>SPU</u>	<u>SPU</u>
23	Pawar Kiran Tanaji	<u>KTP</u>	<u>KTP</u>
24	Pawar Nikita Laxman	<u>NL</u>	<u>NL</u>
25	Salunkhe Sanika Kailas	<u>SKK</u>	<u>SKK</u>
26	Sapkal Rahul Gajanan	<u>RSG</u>	<u>RSG</u>
27	Savale Sakshi Arun	<u>SA</u>	<u>SA</u>
28	Shejal Sayajirao Laxman	<u>SL</u>	<u>SL</u>
29	Shinde Digamber Sambhaji	<u>SDS</u>	<u>SDS</u>
30	Shinde Shailaja Dilip	<u>SSD</u>	<u>SSD</u>
31	Sonavane Pooja Shrikant	<u>PS</u>	<u>PS</u>
32	Surwanshi Pratiksha A.	<u>SA</u>	<u>SA</u>
33	Suryawanshi Nilima G.	<u>SUN</u>	<u>SUN</u>
34	Suryawanshi Rutuja R.	<u>SR</u>	<u>SR</u>
35	Sutar Nikita Nivrutti	<u>NNS</u>	<u>NNS</u>
36	Waghmare Aditya Dagadu	<u>AW</u>	<u>AW</u>
37	Yamgar Pooja Tatoba	<u>PK</u>	<u>PK</u>

  
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**Kavathe Mahankal Dist-Sangli**

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants

Teacher Attendance

Sr. No.	Name of Faculty	Lecture Dates										
		16/01/23	23/01/23	06/02/23	13/02/23	20/02/23	27/02/23	06/03/23	13/03/23	20/03/23	27/03/23	03/04/23
1	Mr. Patil T. G.											
		Lecture Dates										
2	Dr. Jadhav B. T.	17/01/23	24/01/23	31/01/23	07/02/23	14/02/23	21/02/23	28/02/23	14/03/23	21/03/23	28/03/23	
		Lecture Dates										
3	Mr. Patil S. B.	11/01/23	18/01/23	25/01/23	01/02/23	08/02/23	15/02/23	22/02/23	01/03/23	15/03/23	29/03/23	05/03/23
		Practical Dates										
4	Mr. Sabale S. M.	12/01/23	27/01/23	03/02/23	17/02/23	03/03/23	24/03/23					

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Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal Dist-Sangli.

**Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**


**NOTICE**

**13/04/2023**

All the enrolled students are informed that, the timetable for theory examination and practical examination of the course in "Identification and Uses of Medicinal Plants" is as below,

<b>Examination</b>	<b>Date</b>	<b>Time</b>	<b>Venue</b>
Theory	20/04/2023	9:00am to 11:00am	Botany Lecture Hall
Practical	21/04/2023	9:00am to Onwards	Botany Laboratory

  
Co-ordinator

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

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF BOTANY

### Identification and Uses of Medicinal Plants

#### Theory Examination

Date: 20/04/2023

Marks: 50

Time: 9:00am to 11:00am

Roll No.

---

**Instructions:** 1) All questions are compulsory

2) All questions carry equal marks

Q.1 Choose the correct alternatives of the following questions. Each question carries two marks.

1) The botanical name of ginger is .....

- |                               |                                |
|-------------------------------|--------------------------------|
| a) <i>Zingiber officinale</i> | b) <i>Papaver somniferum</i>   |
| c) <i>Emblia officinalis</i>  | d) <i>Rauwolfia serpentina</i> |

2) The name serpentine refers to .....

- |                                |                                |
|--------------------------------|--------------------------------|
| a) <i>Rauwolfia serpentina</i> | b) <i>Withania somnifera</i>   |
| c) <i>Emblia officinalis</i>   | d) <i>Tinospora cordifolia</i> |

3) *Tinospora cordifolia* is .....

- |                   |                 |
|-------------------|-----------------|
| a) A small tree   | b) A big tree   |
| c) Climbing shrub | d) A small herb |

4) A drug of commerce liquorice is obtained from ..... part of plant *Glycyrrhiza glabra*.

- |           |            |
|-----------|------------|
| a) Leaves | b) Fruits  |
| c) Roots  | d) Flowers |

5) A most important chief constituent of opium is .....

- |               |                 |
|---------------|-----------------|
| a) Amino acid | b) Protein      |
| c) Morphine   | c) Organic acid |

6) The name of chemical constituent zingiberine refers to .....

- |                     |                     |
|---------------------|---------------------|
| a) <i>Zingiber</i>  | b) <i>Withania</i>  |
| c) <i>Rauwolfia</i> | c) <i>Tinospora</i> |





**Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Practical Examination**

**Date: 21/04/2023**

**Marks: 30**

**Time: 9:00am to onwards**

---

**Instructions:** 1) All questions are compulsory

2) All questions carry equal marks

**Q.1** Study of exomorphic characters: Study of stem, root, leaf, inflorescence, flower, fruit, and seed of given plant material A.

**Q.2** Prepare a Herbal Ointment.

**Q.3** Evaluate the macroscopic and organoleptic character of given material B

  
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**Kavathe Mahankal Dist-Sangli**

**Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.**  
**DEPARTMENT OF BOTANY**  
**Identification and Uses of Medicinal Plants**  
**Result**

Sr. No.	Roll No.	Evaluation Student Name	Internal	Theory	Practical	Oral	Total	Grade
1	B01	Athavale Pramodini Savant	9	46	23	8	86	A
2	B02	Bandgar Sarika Birbal	8	48	25	8	89	A
3	B03	Bhosale Sandhyarani Amol	8	48	23	7	86	A
4	B04	Bhusnar Snehal Namdev	8	48	24	8	88	A
5	B05	Choudhary Geeta Dayaram	9	44	24	8	85	A
6	B06	Deshinge Aditi Maruti	7	46	25	7	85	A
7	B07	Devkate Payal Balaso	8	44	26	9	87	A
8	B08	Dudhal Ratan Savanta	7	48	24	8	87	A
9	B09	Jadhav Tejashri Raosaheb	9	48	23	9	89	A
10	B10	Jagtap Prajakta Yashwant	8	44	23	9	84	A
11	B11	Jagtap Tejaswini Bharat	10	44	29	10	93	A
12	B12	Karande Rutuja Virendra	7	48	26	8	89	A
13	B13	Kolekar Pranali Rajendra	8	36	28	9	81	A
14	B14	Mangave Aishwarya Pravin	9	42	28	9	88	A
15	B15	Mulani Sharmin Shoukat	7	46	28	10	91	A
16	B16	Nikam Gayatri Mohan	8	44	26	10	88	A
17	B17	Patil Pranali Laxman	9	44	28	8	89	A

18	B18	Patil Rutuja Ashok	8	46	27	7	88	A
19	B19	Patil Rutuja Shankar	7	38	28	9	82	A
20	B20	Patil Sonal Shrikant	10	38	28	9	85	A
21	B21	Patil Supriya Vijay	8	34	23	8	73	A
22	B22	Patil Swapnali Uttam	9	48	24	7	88	A
23	B23	Pawar Kiran Tanaji	8	38	25	9	80	A
24	B24	Pawar Nikita Laxman	7	26	25	8	66	A
25	B25	Salunkhe Sanika Kailas	9	32	25	8	74	A
26	B26	Sapkal Rahul Gajanan	8	42	26	9	85	A
27	B27	Savale Sakshi Arun	9	30	26	8	73	A
28	B28	Shejal Sayajirao Laxman	6	46	24	7	83	A
29	B29	Shinde Digamber Sambhaji	7	50	22	8	87	A
30	B30	Shinde Shailaja Dilip	6	50	22	8	86	A
31	B31	Sonavane Pooja Shrikant	7	50	25	10	92	A
32	B32	Suryawanshi Pratiksha A.	8	50	24	9	91	A
33	B33	Suryawanshi Nilima G.	10	48	24	10	92	A
34	B34	Suryawanshi Rutuja R.	6	48	26	8	88	A
35	B35	Sutar Nikita Nivrutti	10	46	26	7	89	A
36	B36	Waghmare Aditya Dagadu	9	46	22	8	85	A
37	B37	Yamgar Pooja Tatoba	6	42	22	7	77	A

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



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal**  
Affiliated to Shivaji University, Kolhapur

## DEPARTMENT OF BOTANY

# C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Athavale Pramodini Savant* of Class *B. Sc. II* has successfully completed the Short Term Career Oriented Certificate Course entitled 'Identification and Uses of Medicinal Plants', and secured grade "*A*" during the academic year 2022-23.

Course Co-Ordinator  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
Prof. (Dr.) M. K. Patil



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal**  
Affiliated to Shivaji University, Kolhapur

## DEPARTMENT OF BOTANY

# C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Bandgar Sarika Birbal* of Class *B. Sc. III* has successfully completed the Short Term Career Oriented Certificate Course entitled 'Identification and Uses of Medicinal Plants', and secured grade "*A*" during the academic year 2022-23.

Course Co-Ordinator  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
Prof. (Dr.) M. K. Patil

Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya**  
Kavathe Mahankal, Sangli  
Affiliated to Shivaji University, Kolhapur

*A Career Oriented Course  
in Nursery Management*

Prepared by

**Department of Botany**


**Padmabhushan Vasantodada Patil Mahavidyalaya**

Kavathe Mahankal 416405

## DEPARTMENT OF BOTANY

### Report on Career Oriented Course in "Nursery Management"

Title	Career Oriented Course in "Nursery Management"
Duration	1 <sup>st</sup> August 2023 to 21 <sup>st</sup> October 2023
Organizer	Department of Botany, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Asso. Prof. T. G. Patil Asso. Prof. Dr. B. T. Jadhav Mr. S. B. Patil Mr. S. M. Sabale
Coordinator	Asso. Prof. Dr. B. T. Jadhav
Background	A nursery is a place where plants are propagated and grown to a desired size. In a word, a nursery is a centre of seedling production where seedlings are produced and taken care of until transplantation in the main field. The nursery management course provide an business opportunity for students.
Objective	<ul style="list-style-type: none"><li>❖ The main objective of the nursery is to grow plants in an open environment.</li><li>❖ To maintain a good quality of plants and protect the plants from pests and diseases.</li><li>❖ It was the responsibility of the commercial nursery growers to develop good quality of plants for their customers.</li></ul>
Outcomes	<ul style="list-style-type: none"><li>❖ To gain some basic knowledge different plant species and how the seedlings are grown.</li><li>❖ To know about the different horticultural techniques, plant propagation techniques.</li><li>❖ To know about selling and packing of plantlets.</li><li>❖ To aware about different problems when creating a good nursery.</li></ul>
Conclusion	Students got sufficient knowledge about Nursery. Course creates a skill of plant propagation, selling of plantlets, packing of plantlets. Thus this course is helpful to students for carrier aspects.

  
**PRINCIPAL**  
Padmabhushan Vasantraodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF BOTANY

Report on Career Oriented Course in "Nursery Management"

### Brief Summary

Sr. No.	Organizing department	Department of Botany			
1	Type of Activity	Career Oriented Course in "Nursery Management"			
2	Duration of Activity	1 <sup>st</sup> August 2023 to 21 <sup>st</sup> October 2023			
3	Venue	Botany Lab, Department of Botany			
4	Participation				
	Students	Male	Female	Total	
	B. Sc. III & B. Sc. II	11	24	35	
5	Result	A-Grade	B-Grade	C-Grade	Total
	B. Sc. III & B. Sc. II	35	0	0	35

  
Coordinator

  
-PRINCIPAL  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

  
HEAD  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

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## Department of Botany

Head of Department,  
Department of Botany  
P. V. P. Mahavidyalaya,  
KavatheMahankal, Dist. Sangli,  
Maharashtra 416405  
Date: 20/07/2023

To,  
The Principal,  
PadmabhushanVasatraodada Patil Mahavidyalaya,  
KavatheMahankal, Dist. Sangli,  
Maharashtra 416405

**Subject:** Seeking a permission to start the career-oriented course in  
"Nursery Management".

Respected sir,

As per your guidelines we are going to start a career oriented course in "Nursery Management" in Department of Botany for our college students. This course will be of 43 hours and will be completed during August 2023 to October 2023. The course will be definitely beneficiary for students.

I request you to give permission to start the above course in the Department.

Thanking you.

Permission granted.

*Mundale*  
20/7/23

  
Yours faithfully,  
**HEAD**

Department of Botany  
P. V. P. Mahavidyalaya  
Kavathe Mahankal

**Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF BOTANY**

Date: 21-07-2022

**NOTICE**

All the students in P. V. P. Mahavidyalaya, Kavathe Mahankal are informed that, Department of Botany is going to start the career-oriented course in "Nursery Management". The interested students are requested to enroll upto 31<sup>st</sup> July, 2023.

  
Course Coordinator

  
Head  
**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

## Brochure

Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantodada Patil Mahavidyalaya**



Kavathe Mahankal, Sangli  
Affiliated to Shivaji University, Kolhapur

### *Department of Botany*



Open for  
Enrollment

### *A Career Oriented Course in Nursery Management*

Starting From 01 August 2023

#### Specifications:

- ❖ Well equipped labs
- ❖ Experienced teachers
- ❖ Free Certificate

Join Now


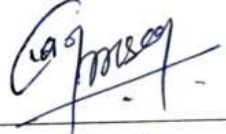


Contact us on:  
Mob No. 9822495288

PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.

DEPARTMENT OF BOTANY

Nursery Management

Board of Studies

Sr. No.	Name	Designation	Signature
1.	Asso. Prof. T. G. Patil	President	
2.	Asso. Prof. Dr. B. T. Jadhav	Member	
3.	Mr. S. M. Sabale	Member	
4.	Mr. S. B. Patil	Member	

## **DEPARTMENT OF BOTANY**

### **Nursery Management**

A nursery is a place where plants are propagated and grown to a desired size. In a word, a nursery is a centre of seedling production where seedlings are produced and taken care of until transplantation in the main field. Mostly the plants concerned are for gardening, forestry or conservation biology, rather than agriculture. They include retail nurseries, which sell to the general public; wholesale nurseries, which sell only to businesses such as other nurseries and commercial gardeners; and private nurseries, which supply the needs of institutions or private estates. Some will also work in plant breeding. For the developing nursery requires a perfect management. Nursery provide a good business opportunity to growers.

Now days we should conduct a massive campaign to create awareness on carrier oriented courses. For this purpose we implement the carrier oriented course in Nursery Management in our institute. The nursery management programme carried out on student level can be more effective.

### **Aims and Objectives:**

- ❖ The main objective of the nursery is to grow plants in an open environment.
- ❖ To maintain a good quality of plants and protect the plants from pests and diseases.
- ❖ It was the responsibility of the commercial nursery growers to develop good quality of plants for their customers.

### **Duration:**

The course will be completed in 43 hours (3 months).

### **Eligibility of the student:**

- ❖ The student must have the basic knowledge of Botany.
- ❖ Student must have passed H. Sc. Examination.
- ❖ Student studying in institute for B.Sc.

## Course outcomes:

By the end of this course students are expected,

- ❖ To gain some basic knowledge different plant species and how the seedlings are grown.
- ❖ To know about the different horticultural techniques, plant propagation techniques.
- ❖ To know about selling and packing of plantlets.
- ❖ To aware about different problems when creating a good nursery.

## Evaluation Method:

All the students will be continuously evaluated by,

1. Theory examination	50 M
2. Practical examination	30 M
3. Oral	20M

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100 M

## Nature of Theory Question Paper.

Q. 1. 25 Multiple choice question. (50 marks)

## Nature of practical Examination.

During Practical examination student have to perform three practical. Examination will be of five hours. Oral examination is conducted during practical exam.

**Grades:** A grade= above 60, B grade = above 50, C grade = above 40

**Certification:** A certificate will be issued on successful completion of the course.

## CARRIER ORIENTED COURSE

Duration: 3 Months (43 Hours)

### Theory (28 Hours)

- Unit-I:** 08
- Propagation- Importance and potentialities.
  - Sexual and asexual methods of propagation.
  - Advantages and disadvantages of propagation.
- Unit-II:** 09
- Methods of vegetative propagation: Cutting, budding, layering and grafting techniques.
  - Preparation of nursery bed, orchard layout, system of crop planting, pot mixture and making.
- Unit-III:** 06
- Problems of horticulture crops
  - Factors influencing rooting of cutting, layering and grafting.
- Unit- IV:** 05
- Use of growth regulators in propagation, media for propagation of plants in nursery beds.

### Practical (15 Hours)

- Preparation of different types of cuttings, budding.
- Preparation of different types of layering and grafting.
- Uprooting, digging nursery plant.
- Labelling of nursery plant.
- Packing of nursery plant.

## References

1. Dr.Arunkumar Singh and Abhinavkumar (2020). Propagation and nursery management.
2. R.R.Sharma and Manish Srivastav (2004). Plant propagation and nursery management.
3. B.S. Chundawat (2017). Plant propagation and nursery management



**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

**Padmabhushan Vasant Rao Dada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF BOTANY**

**Nursery Management**

**TIMETABLE**

Day	Monday	Tuesday	Wednesday	Friday
Theory/ Practical	Theory	Theory	Theory	Practical
Lecturer	SMS	BTJ	SBP	TGP

- The time of theory lectures will be 2:30pm to 3:30pm in Botany department.
- The time for practical will be 2:30pm to onwards in Botany laboratory.
- This lecture schedule is followed from 01<sup>st</sup> August to 20<sup>th</sup> October in first semester.



**Course Co-ordinator**



**Head  
HEAD**

**Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal**

**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.**

**DEPARTMENT OF BOTANY**

**Nursery Management**

**Notice**

Date: 28-07-2023

All the enrolled students are informed that, the lectures and practicals of the course will be started from **1<sup>st</sup> August** as per timetable. All the lectures and practicals will be conducted in Botany department.

  
Course Coordinator

  
**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

Padmabhushan Vasanttraodada Patil Mahavidyalaya, KavatheMahankal.

## DEPARTMENT OF BOTANY

### Nursery Management

### Admission List

Sr. No.	Name of Student	Roll No.
1	* Mali Sayee Ganesh	B01
2	* Patil Sanika Machindra	B02
3	Chavan Amit Vinayak	B03
4	Chougule Ganesh Rajaram	B04
5	* Patil Minal Kumar	B05
6	* Koshti Shraddha Shrikant	B06
7	* Kadam Snehal Dadaso	B07
8	* Bedage Sakshi Sanjay	B08
9	* Bedage Aishwarya Dattatray	B09
10	* Patil Pratiksha Hitendra	B10
11	* Shinde Pranali Baban	B11
12	* Kadam Namrata Balaso	B12
13	* Kadam Sayali Sandip	B13
14	* Borkar Renuka Suresh	B14
15	* Mane Sanika Subhash	B15
16	* Mane Snehal Sanjay	B16
17	* Shinde Vaishnavi Shivaji	B17
18	* Vhanmane Pooja Vilas	B18
19	* Harage Pooja Sanjay	B19
20	* Vhanmane Aarti Vilas	B20
21	* Limkar Vaibhavi Balasaheb	B21
22	* Kamble Vaishnavi Pradhan	B22
23	* Banasode Shruti Roshan	B23
24	Deshmukh Pratapsinh Bhausahab	B24
25	Mali Namdev Dadasahab	B25
26	Masal Rupesh Shivaji	B26
27	* Mane Dipika Raju	B27
28	Gaikwad Ritesh Laxman	B28

29	Khot Pradip Shirang	B29
30	Jadhav Mahesh Shivshankar	B30
31	Patil Dhiraj Dattatray	B31
32	Kumbhar Suyog Jotiram	B32
33	Shinde Chaitanya	B33
34	*Desai Rutuja Appa	B34
35	*Kalekar Anushka Ramchandra	B35

  
**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal



Sr. No.	Date	Student Name
8.	01/08/2023	* Bedage Sakshi Sanjay
	02/08/2023	
	07/08/2023	
	08/08/2023	
	09/08/2023	
	14/08/2023	
	21/08/2023	
	22/08/2023	
	23/08/2023	
	28/08/2023	
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	04/10/2023	
	09/10/2023	
	10/10/2023	
	11/10/2023	
	16/10/2023	
	17/10/2023	
9		* Bedage Aishwarya Dattatray
10		* Patil Pratiksha Hitendra
11		* Shinde Pranali Baban
12		* Kadam Namrata Balaso
13		* Kadam Sayali Sandip
14		* Borkar Renuka Suresh
15		* Mane Sanika Subhash





Sr. No.	Student Name	Date		
31.	Patil Dhiraj Dattatray	<del>ARK</del>	Patil	01/08/2023
		<del>ARK</del>	Patil	02/08/2023
		<del>ARK</del>	Patil	07/08/2023
		<del>ARK</del>	Patil	08/08/2023
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		<del>ARK</del>	Patil	11/09/2023
		32.	Kumbhar Suyog Jotiram	<del>ARK</del>
<del>ARK</del>	GTK			02/08/2023
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33.	Shinde Chaitanya			<del>ARK</del>
		<del>ARK</del>	Shinde	02/08/2023
		<del>ARK</del>	Shinde	07/08/2023
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		34.	*Desai Rutuja Appa	<del>ARK</del>
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<del>ARK</del>	Desai			11/09/2023
35.	*Kalekar Anushka Ramchandra			<del>ARK</del>
		<del>ARK</del>	Desai	02/08/2023
		<del>ARK</del>	Desai	07/08/2023
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		<del>ARK</del>	Desai	04/09/2023
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		<del>ARK</del>	Desai	11/09/2023

**Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.**  
**DEPARTMENT OF BOTANY**

**Nursery Management**  
**Practical Attendance**

Sr. No.	Date  Student Name	11/08/2023	25/08/2023	08/09/2023	29/09/2023	06/10/2023
		1	* Mali Sayee Ganesh	<u>Mali</u>	<u>Mali</u>	<u>Mali</u>
2	* Patil Sanika Machindra	<u>Sanika Patil</u>	<u>Sanika Patil</u>	<u>Sanika Patil</u>	<u>Sanika Patil</u>	<u>Sanika Patil</u>
3	Chavan Amit Vinayak	<u>Amit</u>	<u>Amit</u>	<u>Amit</u>	<u>Amit</u>	<u>Amit</u>
4	Chougule Ganesh Rajaram	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>
5	* Patil Minal Kumar	<u>M Patil</u>	<u>M Patil</u>	<u>M Patil</u>	<u>M Patil</u>	<u>M Patil</u>
6	* Koshti Shraddha Shrikant	<u>S Koshti</u>	<u>S Koshti</u>	<u>S Koshti</u>	<u>S Koshti</u>	<u>S Koshti</u>
7	* Kadam Snehal Dadaso	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
8	* Bedage Sakshi Sanjay	<u>S Bedage</u>	<u>S Bedage</u>	<u>S Bedage</u>	<u>S Bedage</u>	<u>S Bedage</u>
9	* Bedage Aishwarya Dattatray	<u>A Bedage</u>	<u>A Bedage</u>	<u>A Bedage</u>	<u>A Bedage</u>	<u>A Bedage</u>
10	* Patil Pratiksha Hitendra	<u>P Patil</u>	<u>P Patil</u>	<u>P Patil</u>	<u>P Patil</u>	<u>P Patil</u>
11	* Shinde Pranali Baban	<u>P Shinde</u>	<u>P Shinde</u>	<u>P Shinde</u>	<u>P Shinde</u>	<u>P Shinde</u>
12	* Kadam Namrata Balaso	<u>N Kadam</u>	<u>N Kadam</u>	<u>N Kadam</u>	<u>N Kadam</u>	<u>N Kadam</u>
13	* Kadam Sayali Sandip	<u>S.S. Kadam</u>	<u>S.S. Kadam</u>	<u>S.S. Kadam</u>	<u>S.S. Kadam</u>	<u>S.S. Kadam</u>
14	* Borkar Renuka Suresh	<u>R.S. Borkar</u>	<u>R.S. Borkar</u>	<u>R.S. Borkar</u>	<u>R.S. Borkar</u>	<u>R.S. Borkar</u>
15	* Mane Sanika Subhash	<u>S.S. Mane</u>	<u>S.S. Mane</u>	<u>S.S. Mane</u>	<u>S.S. Mane</u>	<u>S.S. Mane</u>
16	* Mane Snehal Sanjay	<u>S Mane</u>	<u>S Mane</u>	<u>S Mane</u>	<u>S Mane</u>	<u>S Mane</u>
17	* Shinde Vaishnavi Shivaji	<u>V Shinde</u>	<u>V Shinde</u>	<u>V Shinde</u>	<u>V Shinde</u>	<u>V Shinde</u>

Sr. No.	Date Student Name	11/08/2023	25/08/2023	08/09/2023	29/09/2023	06/10/2023
		18	* Vhanmane Pooja Vilas	Pvt	Pvt	Pvt
19	* Harage Pooja Sanjay	Harage	Harage	Harage	Harage	Harage
20	* Vhanmane Aarti Vilas	Avt	Avt	Avt	Avt	Avt
21	* Limkar Vaibhavi Balasaheb	Bimkar	Bimkar	Bimkar	Bimkar	Bimkar
22	* Kamble Vaishnavi Pradhan	Kad	Kad	Kad	Kad	Kad
23	* Banasode Shruti Roshan	GRB	GRB	GRB	GRB	GRB
24	Deshmukh Pratapsinh Bhausaheb	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
25	Mali Namdev Dadasaheb	<u>Mali</u>	<u>Mali</u>	<u>Mali</u>	<u>Mali</u>	<u>Mali</u>
26	Masal Rupesh Shivaji	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>
27	* Mane Dipika Raju	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>
28	Gaikwad Ritesh Laxman	<u>Raitwad</u>	<u>Raitwad</u>	<u>Raitwad</u>	<u>Raitwad</u>	<u>Raitwad</u>
29	Khot Pradip Shrirang	<u>SKhot</u>	<u>SKhot</u>	<u>SKhot</u>	<u>SKhot</u>	<u>SKhot</u>
30	Jadhav Mahesh Shivshankar	M.S.Jadhav	M.S.Jadhav	M.S.Jadhav	M.S.Jadhav	M.S.Jadhav.
31	Patil Dhiraj Dattatray	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
32	Kumbhar Suyog Jotiram	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>
33	Shinde Chaitanya	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
34	*Desai Rutuja Appa	<u>RDesai</u>	<u>RDesai</u>	<u>RDesai</u>	<u>RDesai</u>	<u>RDesai</u>
35	*Kalekar Anushka Ramchandra	<u>ARK</u>	<u>ARK</u>	<u>ARK</u>	<u>ARK</u>	<u>ARK</u>

**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.**  
**DEPARTMENT OF BOTANY**  
**Nursery Management**  
**Exam Attendance**

Sr. No.	Date Student Name	Theory	Practical
		20/10/2023	21/10/2023
1	* Mali Sayee Ganesh	Mali	Mali
2	* Patil Sanika Machindra	Patil	Patil
3	Chavan Amit Vinayak	Amit	Amit
4	Chougule Ganesh Rajaram	Ganesh	Ganesh
5	* Patil Minal Kumar	Patil	Patil
6	* Koshti Shraddha Shrikant	Koshti	Koshti
7	* Kadam Snehal Dadaso	Kadam	Kadam
8	* Bedage Sakshi Sanjay	Bedage	Bedage
9	* Bedage Aishwarya Dattatray	Bedage	Bedage
10	* Patil Pratiksha Hitendra	Patil	Patil
11	* Shinde Pranali Baban	Shinde	Shinde
12	* Kadam Namrata Balaso	Kadam	Kadam
13	* Kadam Sayali Sandip	S.S. Kadam	S.S. Kadam
14	* Borkar Renuka Suresh	R.S. Borkar	R.S. Borkar
15	* Mane Sanika Subhash	S.S. Mane	S.S. Mane
17	* Mane Snehal Sanjay	Mane	Mane
18	* Shinde Vaishnavi Shivaji	Shinde	Shinde
19	* Vhanmane Pooja Vilas	Vhanmane	Vhanmane

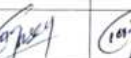
Sr. No.	Date	Theory	Practical
	Student Name	20/04/23	21/04/23
20	* Vhanmane Aarti Vilas	<u>AV</u>	<u>AV</u>
21	* Limkar Vaibhavi Balasaheb	<u>VB</u>	<u>VB</u>
22	* Kamble Vaishnavi Pradhan	<u>KV</u>	<u>KV</u>
23	* Banasode Shruti Roshan	<u>SRB</u>	<u>SRB</u>
24	Deshmukh Pratapsinh Bhausaheb	<u>Deshmukh</u>	<u>Deshmukh</u>
25	Mali Namdev Dadasaheb	<u>Nmani</u>	<u>Nmani</u>
26	Masal Rupesh Shivaji	<u>Rupesh</u>	<u>Rupesh</u>
27	* Mane Dipika Raju	<u>Mane</u>	<u>Mane</u>
28	Gaikwad Ritesh Laxman	<u>Raikwad</u>	<u>Raikwad</u>
29	Khot Pradip Shrirang	<u>PKhot</u>	<u>PKhot</u>
30	Jadhav Mahesh Shivshankar	<u>M.S. Jadhav</u>	<u>M.S. Jadhav</u>
31	Patil Dhiraj Dattatray	<u>Patil</u>	<u>Patil</u>
32	Kumbhar Suyog Jotiram	<u>SK</u>	<u>SK</u>
33	Shinde Chaitanya	<u>Shinde</u>	<u>Shinde</u>
34	*Desai Rutuja Appa	<u>Desai</u>	<u>Desai</u>
35	*Kalekar Anushka Ramchandra	<u>ARK</u>	<u>ARK</u>

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Nursery Management

Teacher Attendance

Sr. No	Name of Faculty	Lecture Dates									
		07/08/23	14/08/23	21/08/23	28/08/23	04/09/23	11/09/23	25/09/23	09/10/23	16/10/23	
1	Mr. Sabale S. M.										
		Lecture Dates									
2	Dr. Jadhav B. T.	01/08/23	08/08/23	22/08/23	29/08/23	05/09/23	12/09/23	26/09/23	03/10/23	10/10/23	17/10/23
											
		Lecture Dates									
3	Mr. Patil S. B.	02/08/23	09/08/23	23/08/23	30/08/23	06/09/23	13/09/23	27/09/23	04/10/23	11/10/23	
											
		Practical Dates									
4	Mr. Patil T. G.	11/08/2023	25/08/2023	08/09/2023	29/09/2023	06/10/2023					
											

Photo



**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Nursery Management**

**NOTICE**

**14/10/2023**

All the enrolled students are informed that, the timetable for theory examination and practical examination of the course in "Nursery Management" is as below,

<b>Examination</b>	<b>Date</b>	<b>Time</b>	<b>Venue</b>
Theory	20/10/2023	2:30pm to 4.30pm	Botany Lecture Hall
Practical	21/10/2023	2:30pm to Onwards	Botany Laboratory

  
Co-ordinator

  
**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF BOTANY

### Nursery Management

### Theory Examination

Date: 20/10/2023

Marks: 50

Time: 2:30pm to 4.30pm

Roll No.

**Instructions:** 1) All questions are compulsory

2) All questions carry equal marks

Q.1 Choose the correct alternatives of the following questions. Each question carries two marks.

1) Pomoculture is the study of .....

a) Fruit plants      b) Flowering plants      c) Vegetables      d) Ornamental plants

2) Floriculture is the study of cultivation of .....

a) Fruit plants      b) Flowering plants      c) Vegetables      d) Ornamental plants

3) Olericulture is the study of cultivation of ..... plants.

a) Seedless fruit      b) Flowering      c) Vegetables      d) Fruit

4) King of fruit is called .....

a) Mango      b) Guava      c) Apple      d) Banana

5) A low branch with a node is bent down and covered with soil in .....

a) Grafting      b) Budding      c) Layering      d) Marcotting

6) Grafting is the ..... method of reproduction.

a) Sexual      b) Vegetative      c) Apomixis      d) All of these

7) The part of plant on which grafting is done is called .....

a) Stock      b) Scion      c) Stem      d) Leaf

8) The part of plant which is inserted on stock is called .....

a) Stock      b) Scion      c) Root stock      d) Bud

9) Sexual propagation is carried out by using .....

a) Seeds      b) Roots      c) Stem      d) Leaf

10) Air layering is known as .....

a) Budding      b) Grafting      c) Gootee      d) Cutting

11) World environment day on .....

a) 28<sup>th</sup> February      b) 5<sup>th</sup> June      c) 7<sup>th</sup> August      d) 10<sup>th</sup> April

12) Seed treatment is done to control ..... disease.

a) Soil born      b) Air born      c) Seed born      d) None of these

- 13) The word horticulture is derived from .....
- a) Greek                      b) Latin                      c) Arotic                      d) French
- 14) Cutting is a ..... method of reproduction.
- a) Vegetative              b) Sexual                      c) Natural                      d) All of these
- 15) For successful grafting stocks scion shall be of.....
- a) Same species              b) Different class              c) Similar group              d) Different species
- 16) The art of making animal shapes in plants called .....
- a) Topiary                      b) Pinching off              c) Edging                      d) Hardening
- 17) Seed viability test is called as .....test.
- a) Ragdoll                      b) Tetrazolium              c) Vigour                      d) Germination
- 18) The plant part used for tissue culture is .....
- a) Stem cell                      b) Guard cell                      c) Proplant                      d) Explant
- 19) After transplanted seedlings, the seedling should be placed in .....
- a) Coller                      b) Direct sulight              c) Under mist                      d) Under a bench
- 20) Growing plants out of their normal season by use of an artificial environments known as .....
- a) Forcing                      b) Propagating                      c) Cultivating                      d) None of these
- 21) For bedding plants, the production and marketing period is primarily in the .....
- a) Winter                      b) Summer                      c) Spring                      d) Fall
- 22) Nursery plant containers are sized by the.....
- a) Inch                      b) Centimeter                      c) Gallon                      d) Cubic yard
- 23) Container grown nursery stock is usually planted in .....
- a) Early spring              b) Winter                      c) Summer                      d) Late spring
- 24) A plant too small for landscape use but ideal for growing into a larger size called.....
- a) Cutting                      b) Seedling                      c) Liner                      d) Sapling
- 25) Small trees are lined out at ..... age.
- a) 1-2 years old              b) 3-6 years old                      c) 2-4 years old                      d) 3-5 years old

  
**HEAD**  
 Department of Botany  
 P.V.P. Mahavidyalaya  
 Kavathe Mahankal

**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Nursery Management**

**Practical Examination**

**Date: 21/10/2023**

**Marks: 30**

**Time: 2:30pm to Onwards**

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- Instructions:**
- 1) All questions are compulsory
  - 2) All questions carry equal marks

**Q.1** Prepare a any type of budding on given sample A.

**Q.2** Prepare a any type of layering on given sample B.

**Q.3** Prepare a proper labeling for given nursery plant.



**HEAD**  
Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal

**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.**

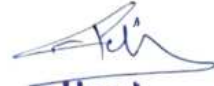
**DEPARTMENT OF BOTANY**

**Nursery Management**

**Result**

Sr. No.	Roll No.	Evaluation Student Name	Theory	Practical	Oral	Total	Grade
1	B01	* Mali Sayee Ganesh	46	28	19	93	A
2	B02	* Patil Sanika Machindra	42	27	19	88	A
3	B03	Chavan Amit Vinayak	40	27	15	82	A
4	B04	Chougule Ganesh Rajaram	42	25	15	82	A
5	B05	* Patil Minal Kumar	38	26	18	82	A
6	B06	* Koshti Shraddha Shrikant	36	24	18	78	A
7	B07	* Kadam Snehal Dadaso	40	25	17	82	A
8	B08	* Bedage Sakshi Sanjay	44	27	19	90	A
9	B09	* Bedage Aishwarya Dattatray	42	27	19	88	A
10	B10	* Patil Pratiksha Hitendra	42	24	17	83	A
11	B11	* Shinde Pranali Baban	34	25	17	76	A
12	B12	* Kadam Namrata Balaso	38	24	18	80	A
13	B13	* Kadam Sayali Sandip	38	25	16	79	A
14	B14	* Borkar Renuka Suresh	40	26	14	80	A
15	B15	* Mane Sanika Subhash	40	27	18	85	A
16	B16	* Mane Snehal Sanjay	42	26	19	87	A
17	B17	* Shinde Vaishnavi Shivaji	40	24	19	83	A
18	B18	* Vhanmane Pooja Vilas	42	24	18	84	A
19	B19	* Harage Pooja Sanjay	42	25	18	85	A
20	B20	* Vhanmane Aarti Vilas	40	26	17	83	A
21	B21	* Limkar Vaibhavi Balasaheb	42	24	18	84	A
22	B22	* Kamble Vaishnavi Pradhan	36	25	17	78	A
23	B23	* Banasode Shruti Roshan	42	26	14	85	A
24	B24	Deshmukh Pratapsinh Bhauasaheb	38	26	16	80	A
25	B25	Mali Namdev Dadasaheb	38	24	17	79	A

26	B26	Masal Rupesh Shivaji	42	26	15	83	A
27	B27	* Mane Dipika Raju	44	25	14	83	A
28	B28	Gaikwad Ritesh Laxman	42	26	18	86	A
29	B29	Khot Pradip Shrirang	46	26	16	88	A
30	B30	Jadhav Mahesh Shivshankar	42	24	17	83	A
31	B31	Patil Dhiraj Dattatray	46	24	17	87	A
32	B32	Kumbhar Suyog Jotiram	38	25	18	81	A
33	B33	Shinde Chaitanya	42	23	14	79	A
34	B34	*Desai Rutuja Appa	42	23	14	79	A
35	B35	*Kalekar Anushka Ramchandra	50	24	15	89	A



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



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal**  
Affiliated to Shivaji University, Kolhapur

# DEPARTMENT OF BOTANY

## C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Mali Sayee Ganesh* of Class *B. Sc. II* has successfully completed the Short Term Career Oriented Certificate Course entitled 'Nursery Management', and secured grade "A" during the academic year 2023-24.

Course Co-Ordinator  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
Prof. (Dr.) M. K. Patil



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal**  
Affiliated to Shivaji University, Kolhapur

# DEPARTMENT OF BOTANY

## C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Patil Sanika Machindra* of Class *B. Sc. II* has successfully completed the Short Term Career Oriented Certificate Course entitled 'Nursery Management', and secured grade "A" during the academic year 2023-24.

Course Co-Ordinator  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
Prof. (Dr.) M. K. Patil



Shikshan Prasarak Sanstha's  
**Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal**  
Affiliated to Shivaji University, Kolhapur

# DEPARTMENT OF BOTANY

## C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Chavan Amit Vinayak* of Class *B. Sc. II* has successfully completed the Short Term Career Oriented Certificate Course entitled 'Nursery Management', and secured grade "A" during the academic year 2023-24.

Course Co-Ordinator  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
Prof. (Dr.) M. K. Patil



**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**  
KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405  
**Principal Prof. (Dr.) M. K. Patil** M.Sc., M. Phil., Ph.D. Mob.9421185277  
Phone-02341-295220 Email: kmpvp@rediffmail.com Website: www.pvpkm.ac.in  
**Jr. College Index No. J 22.04.002**

Photos of Environmental Promotion Activities: Beyond the Campus: Tree plantation, Cleanliness Drives and Other activities

**Activity of throwing Seed ball at Dandoba Hill**



## Kamandalu River Cleaning Campaign



## Tree Plantation Program at Vithurayachiwadi



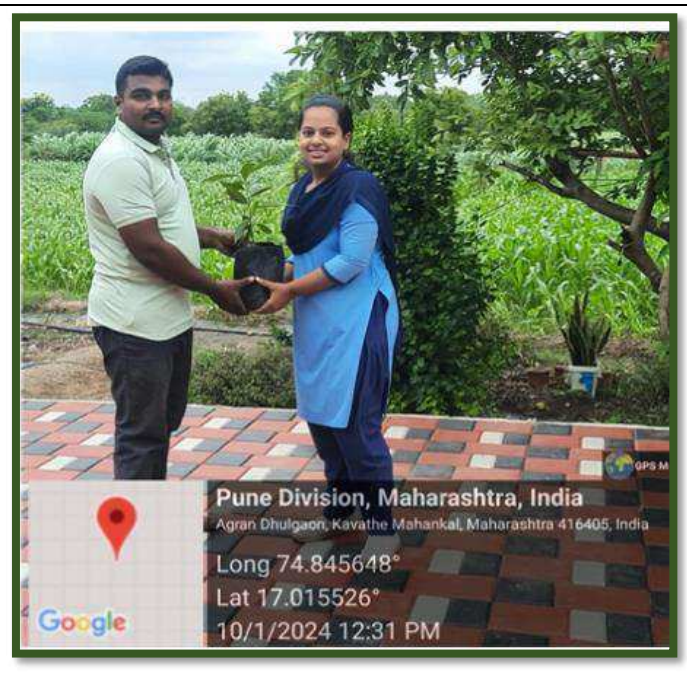
## Cleaning Drive at Thabadewadi



## Tree Plantation Program at Meghraja Hill



## Gifting the tree plants to Peoples in society



**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal**

**DEPARTMENT OF NCC**

**NOTICE**


Date- 18 January 2024

All NCC cadets are hereby informed that a **Tree Plantation Programme** is scheduled for 23 January 2024. This event is part of our community service efforts to promote environmental awareness and sustainability. It is mandatory for all cadets to be present and actively participate in this significant event.

**Note -**

- Arrive on time and in proper uniform.
- Bring a water bottle and sun protection.
- Be prepared for physical activities; the event will be held outdoors.




  
Mr. D. M. Godase  
CTO  
Department of NCC


Date: 23/01/2024

**'Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**  
**Report of the Activity**

<b>Title</b>	Tree Plantation Program
<b>Day &amp; Date</b>	Tuesday, 23 January 2024
<b>Organizer</b>	Department of NCC, Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.
<b>Funding</b>	-
<b>Head</b>	<b>Mr. D.M. Godase</b> CTO, Department of NCC
<b>Co-ordinator</b>	Mr. D.M. Godase CTO, Department of NCC
<b>Background</b>	The newly established NCC department at our college aims to in still discipline, leadership, and patriotism among students. It offers a platform for holistic development through various training programs and activities. With a focus on community service and national defence, the NCC department encourages active participation and commitment from students.
<b>Objective</b>	<ol style="list-style-type: none"><li>1 To promote environmental conservation, enhance community awareness and engagement, and in still a sense of responsibility and practical skills in NCC cadets through active participation in tree planting activities.</li><li>2 To contribute to a greener environment by planting trees, fostering environmental stewardship, and encouraging teamwork and social responsibility among NCC cadets.</li></ol>
<b>Conclusion</b>	The "Tree Plantation Programme" held on 23 January 2024, was a resounding success, fulfilling its objectives of enhancing the green cover and fostering environmental consciousness. Through active participation, NCC cadets demonstrated their commitment to ecological preservation and community service. The event not only enriched the local biodiversity but also provided valuable hands-on experience in sustainable practices. By uniting cadets, faculty, and the community, we collectively contributed to a healthier environment and a brighter future.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
Principal  
**PRINCIPAL,**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist-Sangli

Date: 23/01/2024

**'Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**  
**Report of the Tree Plantation Program**


On January 23, 2024, the National Cadet Corps (NCC) unit from Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal successfully conducted a Tree Plantation Programme at Dandoba Hill in Kavathe Mahankal Tahsil, District Sangli. This event was a part of our ongoing efforts to promote environmental sustainability and engage cadets in meaningful community service. With 18 first-year NCC cadets participating, the event was marked by enthusiasm and a collective commitment to environmental preservation.

The programme commenced at 8:00 AM with the cadets assembling at the designated spot on Dandoba Hill. After a brief introduction about the significance of the tree plantation and its long-term environmental benefits, cadets were given instructions on the proper techniques for planting saplings. Each cadet was provided with tools and saplings, and under the guidance of the coordinators, they began planting trees across the hillside. The chosen location, Dandoba Hill, is known for its ecological diversity and scenic beauty, making it an ideal site for such an initiative.

Throughout the morning, the cadets demonstrated remarkable teamwork and diligence. They planted over 50 Trees, including a variety of native species that are well-suited to the local climate and soil conditions. This selection was aimed at enhancing the biodiversity of the area and ensuring the sustainability of the planted trees. The cadets not only planted the saplings but also learned about the importance of each species and the role they play in the ecosystem. This hands-on experience was invaluable in fostering a deeper understanding and appreciation of nature among the cadets.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
Principal  
PRINCIPAL,  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**

**DEPARTMENT OF NCC  
ATTENDANCE SHEET**

**Name of Activity: Tree Plantation**

**Day & Date: Tuesday, 23 January 2024**

Sr. No.	Name of Student	Year	Sign
1	SAGAR SANJIV GORAD	I	S. S. Gorad.
2	HARSHAD SATISH PATIL	I	Patil
3	SACHIN BHIWA KHOT	I	Khot
4	AVINASH MANIK BAJBALE	I	AMB
5	SOURABH TANAJI MALAME	I	SM
6	JITENDRA GORAKHNATH BAJBALE	I	JGB
7	SATISH MOHAN GHATGE	I	S. M. Ghatge
8	SWAYAM CHANDRAKANT SABALE	I	S. C. Sabale
9	OM SANJAY JADHAV	I	oj
10	ATHARV PRABHAKAR SURYAWANSHI	I	Arav
11	ROHAN SUNIL SUTAR	I	R. Sutar
12	ANIL PRAKASH PANDHARE	I	A. P. Pandhare
13	VARSHA VITTHAL KADAM	I	V. Kadam
14	SANJANA SADASHIV HIPPARKAR	I	S. S. Hipparkar
15	SONALI BABASAHEB PADALKAR	I	S. Padalkar
16	RIYA JAGANNATH WAYADANDE	I	R. W.
17	SANJANA SAMBHAJI PATOLE	I	S. Patole
18	VRUSHALI RAMHARI KHOT	I	V. Khot





# PHOTOPLATES OF TREE PLANTATION PROGRAM



**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**


**DEPARTMENT OF NCC**

**NOTICE**

Date- 21 February 2024

All NCC cadets are hereby informed that a Tree Plantation Programme is scheduled for 26 February 2024. We have created three groups, each consisting of six cadets. Group II will participate in the Tree Plantation and Cleanliness Camp in Lonarwadi village. This event is part of the extension activity organized by our NCC unit. It is mandatory for all cadets group II to be present and actively participate in this significant event.




  
Mr. D. M. Godase  
CTO  
Department of NCC


Date: 26/02/2024

**‘Shikshan Prasarak Sanstha’s**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**  
**Report of the Activity**

<b>Title</b>	Tree Plantation Program and Cleanliness Camp
<b>Day &amp; Date</b>	Monday, 26 <sup>th</sup> February 2024
<b>Organizer</b>	Department of NCC, Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.
<b>Funding</b>	-
<b>Head</b>	<b>Mr. D.M. Godase</b> CTO, Department of NCC
<b>Co-ordinator</b>	Mr. D.M. Godase CTO, Department of NCC
<b>Background</b>	The newly established NCC department at our college aims to in still discipline, leadership, and patriotism among students. It offers a platform for holistic development through various training programs and activities. With a focus on community service and national defence, the NCC department encourages active participation and commitment from students.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. Promote environmental awareness and sustainability among cadets.</li><li>2. Enhance community engagement through tree planting and cleanliness activities.</li><li>3. Foster teamwork and leadership skills within NCC cadets.</li><li>4. Contribute to the beautification and ecological health of Lonarwadi village.</li><li>5. Encourage a sense of responsibility and civic duty in cadets.</li></ol>
<b>Conclusion</b>	The Tree Plantation and Cleanliness Drive on 26 February 2024 was a resounding success, showcasing the dedication and teamwork of our NCC cadets. Their efforts, along with the enthusiastic participation of the Z.P. School students and Grampanchayat members, made a significant impact on the environmental and communal well-being of Lonarwadi village. This initiative highlighted the importance of collective action in achieving environmental goals. Overall, it was a commendable effort that set a positive example for future activities.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
Principal

**-PRINCIPAL**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

Date: 26/02/2024


**'Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**

**Report of the Tree Plantation and Cleanliness Camp**


On 26 February 2024, a group of Seven NCC cadets from our college participated in a one-day Tree Plantation and Cleanliness Drive in Lonarwadi village. This event was part of our NCC unit's extension activity aimed at promoting environmental sustainability and community engagement. The programme witnessed active participation from the Zilla Parishad School, Lonarwadi, and the local Gram panchayat, making it a collaborative and successful event.

Cadets Satish Ghatage and Sagar Gorad took the initiative in leading the tree plantation activity at the Z.P. School in Lonarwadi. They were joined by the school's teacher and twenty enthusiastic students, who together planted several trees within the school premises. This effort was aimed at enhancing the greenery of the school environment and instilling a sense of environmental responsibility among the students. The collaborative spirit and active involvement of the students and the teacher contributed significantly to the success of this initiative.

Meanwhile, cadets Avinash Bajbale and Jitendra Bajbale spearheaded the cleanliness campaign in the village, working closely with the members of the Grampanchayat, including the peon and clerk. Their efforts focused on cleaning public areas and raising awareness about the importance of maintaining cleanliness for a healthy community. Cadets Sourabh Malame Swayam Sabale and Anil Pandhare also participated actively, ensuring that the event ran smoothly and effectively. The combined efforts of the cadets and the local community resulted in a cleaner and greener Lonarwadi, showcasing the power of collective action and community involvement.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
Principal

-PRINCIPAL  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

DEPARTMENT OF NCC  
ATTENDANCE SHEET

Name of Activity: Tree Plantation and Cleanliness Camp

Day & Date: Monday, 26<sup>th</sup> February 2024



Sr. No.	Name of Student	Year	Sign
1	SAGAR SANJIV GORAD	I	S.S. Gorad.
2	AVINASH MANIK BAJBALE	I	AMB
3	SOURABH TANAJI MALAME	I	SM
4	JITENDRA GORAKHNATH BAJBALE	I	JTB
5	SATISH MOHAN GHATGE	I	S.M. Ghatge
6	SWAYAM CHANDRAKANT SABALE	I	S.C. Sabale
7	ANIL PRAKASH PANDHARE	I	A.P. Pandhare

# PHOTOPLATES OF TREE PLANTATION AND CLEANLINESS CAMP



\* स्थापना : १०/११/१९६६



पर्यावरण संतुलित समृद्ध गांव

// स्वच्छतेतून समृद्धीकडे //



# ग्रामपंचायत लोणारवाडी.

ता. कवठे महाकाळ, जि. सांगली. (महाराष्ट्र)



- \* ग्रामपंचायत कराची रकम मुदतीत भरून सहकार्य करा. स्थानिक जन्म-मृत्यूची नोंद २१ दिवसांच्या आत ग्रा. पं. कडे करणे अनिवार्य आहे.
- \* आपले घर व परिसर स्वच्छ ठेवा. गटारी वाहत्या ठेवून आपले कुटुंब आरोग्य संपन्न ठेवा. \* विचार करा एकाचा, मार्ग कुटुंब कल्याणाचा.
- \* झाडे लावा झाडे जगवा. \* ग्रामपंचायत मार्गदर्शनाखाली शौचालय बांधकाम करून सहकार्य करावे व शौचालयाचा वापर करा.



आपला गांव स्वच्छ करूया, स्वच्छ भारत अभियानात सहभागी होऊ या \*

दिनांक : 26/04/2024

प्रति

परमशुभ वकालदेस महाविद्यार्थ्य  
कवठे महाकाळ

विद्यय रण की ही विद्यया र्यांमिडु स्वच्छता केनेकावेत  
सरपंच । ग्रामपंचायत लोणारवाडी यामिडु  
महाकेय

परीत विद्ययाक उडयउत मीगे लोणारवाडी  
येथे परमशुभ वकालदेस महाविद्यार्थ्यांमिडु लोणारवाडी  
गावापेथे कॅम्प भासोगीन केलेला होत स  
वकालदेस ग्रामपंचायत कडुन घेवयावे

कवठे

आपला विद्यार्थ्य

ग्रामपंचायत लोणारवाडी  
ता.क.महाकाळ, जि.सांगली

दि. 26/07/2024.



\* जि.प. प्राथमिक शाळा  
लोणारवाडी, ता. कवठेमहाकाळ \*

प्राति,  
पद्मब्रूवण वसंतदादा मठील  
महाविद्यालय कवठेमहाकाळ.

यांच्या महाविद्यालयातील NCC कॅडेट  
यांच्याभाकित शालेय आवारात वृक्षारोपण  
केले.

*As* वरिष्ठ मुख्याध्यापक  
जि.प. शाळा लोणारवाडी  
ता. कवठेमहाकाळ, जि. सांगली



**Activity Report  
of  
Memorandum of Understanding (MOU)**

**Between**

**Padambhushan Vasantrodada Patil Mahavidyalaya,  
Kavathe Mahankal**

**And**

**Society for Environment and Biodiversity Conservation  
(SEBC)**



**Organised by,**

**Department of Botany**

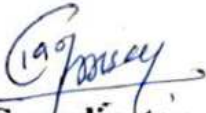
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**





Date: 1<sup>st</sup> Feb, 2024

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal  
**DEPARTMENT OF BOTANY**  
Report of the Activity

<b>Title</b>	<b>Activity- Field Botany and Ecology Course at Dajipur under MOU</b>
<b>Day &amp; Date</b>	29 <sup>th</sup> to 31 <sup>st</sup> January, 2024.
<b>Organizer</b>	Department of Botany.
<b>Participants</b>	Teachers: 04, Students: 08, Total: 12
<b>Coordinator</b>	<b>Dr. B. T. Jadhav</b>
<b>Background</b>	The Department of Botany dedicated to promoting natural resource conservation and environmental sustainability, recently organized a Field Botany and Ecology Course under the activity of MOU. This activity is to provide a platform for participants to gain their knowledge in the field of botany, ecology and environmental sustainability.
<b>Objective</b>	<ul style="list-style-type: none"><li>• To inspire students to explore and interest in the various aspects of field Botany and ecology</li><li>• To understand the concept of ecology.</li><li>• To observe the botanical and ecological resources by the custodians.</li><li>• To promote collaboration and exchange of ideas among the participants, academicians, and experts in the field.</li></ul>
<b>Outcomes</b>	<ul style="list-style-type: none"><li>• Students understand the natural livelihood of the forest and the importance of it.</li><li>• Students got knowledge about the field botany and ecology.</li><li>• Students understand the traditional construction techniques using natural resources.</li><li>• Awareness created by local custodians regarding their food culture, traditions, beliefs, sacred places, and sacred plants is created ecological balance which is helpful for students.</li></ul>
<b>Conclusion</b>	Field botany and ecology course proved to be a successful endeavour; achieving its objectives of encouraging students and providing a platform for express the knowledge in the field of botany and ecology. It gives the important opportunity for participants to enhance their knowledge, Research ability, creativity, communication and presentation skills.

  
**Co-ordinator**  
Dr. B. T. Jadhav

  
**Head**  
Mr. T. G. Patil  
**Head**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

  
**Principal**  
Prof. Dr. M. K. Patil  
**PRINCIPAL,**  
**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, K. Mahankal, Dist-Sangli**

## Department of Botany

Head of Department,  
Department of Botany,  
P. V. P. Mahavidyalaya,  
Kavathe Mahankal,  
Dist. - Sangli, 416405  
Date: 25/01/2024

To,  
The Principal,  
Padmabhushan Vasantodada Patil Mahavidyalaya,  
Kavathe Mahankal, Dist. Sangli,  
Maharashtra 416405

**Subject:** Seeking a permission to organise the activity, “**Field Botany and Ecology Course**” under the **Memorandum of Understanding (MOU)** with Society for Environment and Biodiversity Conservation at Dajipur Wildlife Sanctuary.

Respected sir,

As per your guidelines we are going to organise the activity, “**Field Botany and Ecology Course**” under the Memorandum of Understanding (MOU) with Society for Environment and Biodiversity Conservation at Dajipur Wildlife Sanctuary for the students of B. Sc. III. This activity will be organised during 29<sup>th</sup> January, 2024 to 31<sup>st</sup> January, 2024. The activity will be definitely beneficial for students.

I request you to give permission to organise the activity under Memorandum of Understanding

Thanking you.



*Permission granted.*

*Mundal*

Yours faithfully,

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

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalay, Kavathe Mahankal  
Department of Botany

Notice

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Date: 25 Jan, 2024.

All the students of B.Sc III Department of Botany hereby informed that, Department of Botany is going to organize the activity, **Field Botany and Ecology Course** under the **Memorandum of Understanding (MOU)** with Society for Environment and Biodiversity Conservation at Dajipur Wildlife Sanctuary. The B.Sc. III students are requested to enroll upto 27<sup>th</sup> January, 2024.



Co-ordinator

Department of Botany  
P.V.P. Mahavidyalaya  
Kavathe Mahankal Dist-Sangli







**Society For Environment and Biodiversity Conservation (SEBC)**

Trust Registration No. Maharashtra/5498/Ratnagiri

Pune Office : 64/4, Kavade Mala, Ghorpadi Gaon, Pune - 411001

Ratnagiri Office : B/1/2, Raviraj Building, Rajendranagar, Nachane,  
Ratnagiri - 415 612

MAHARASHTRA, INDIA

Contact: +91-9730156865, 7798049593

Email: sebcwesternghats@gmail.com

**APPRECIATION LETTER**

As per the Memorandum of Understanding between Society for Environment and Biodiversity Conservation (SEBC), Pune and Padmabhushan Vasantrodada Patil Mahavidyalay, Kavathe Mahankal, students and staff of Botany Department has actively participated in Field Based activities viz, remote forest village visit, medicinal plants survey analysis, ethno-botany, biodiversity and ecology study in Dajipur Wildlife Sanctuary, A UNESCO World Heritage Site during 29<sup>th</sup> to 31<sup>st</sup> January, 2024. Their efforts for understanding regional flora and unique nature is highly appreciated.

Dr. Shrinath Kavade  
President, SEBC, PUNE





## **Report of the Activity**

**Activity Name - Field Botany and Ecology Course**

**Date-29<sup>th</sup> to 31<sup>st</sup> January 2024**

As per the Memorandum of Understanding between Society for Environment and Biodiversity Conservation (SEBC), Pune and Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal, B.Sc.III students and staff of Department of Botany has actively participated in Field Based activities viz, remote forest village visit, medicinal plants survey analysis, ethno-botany, biodiversity and ecology study in Dajipur Wildlife Sanctuary, A UNESCO World Heritage Site during 29<sup>th</sup> to 31<sup>st</sup> January, 2024.

A field botany and ecology course sounds like a fantastic opportunity for students to explore the natural world, such a course would typically cover topics such as: plant identification and classification, ecological principles and concepts field techniques for sampling and data collection, vegetation survey and assessment methods, plant community ecology and dynamics, interactions between plants and their environment conservation biology and management applications.

During this activity we conducted different activities for students to make interest in this field. On the first day we went for Jungle Safari. During Jungle Safari students get knowledge about wildlife and their conservation. After Jungle Safari at evening we organise a movie screening in which students seen the wildlife related videos and movies. On the second day morning there is yoga and meditation practices, which gives healthcare values to students. After breakfast we went for trekking in Dajipur Wildlife Sanctuary. At the time of trekking students get knowledge about identification of plants; RET listed plants and importance of their conservation. At the night of second day night the group discussion organised by NGO members and students interacted with NGO members and local peoples. On the third day we visited to sacred groove, in which local people communicate to the students give the knowledge about plant related tradition and culture.

# Field Botany and Ecology Course

## Photographs of the Activity



In Dajipur Wildlife Sactuary



Nature Information Centre



Forest Department Office, Dajipur



Wild Dajipur Homestay



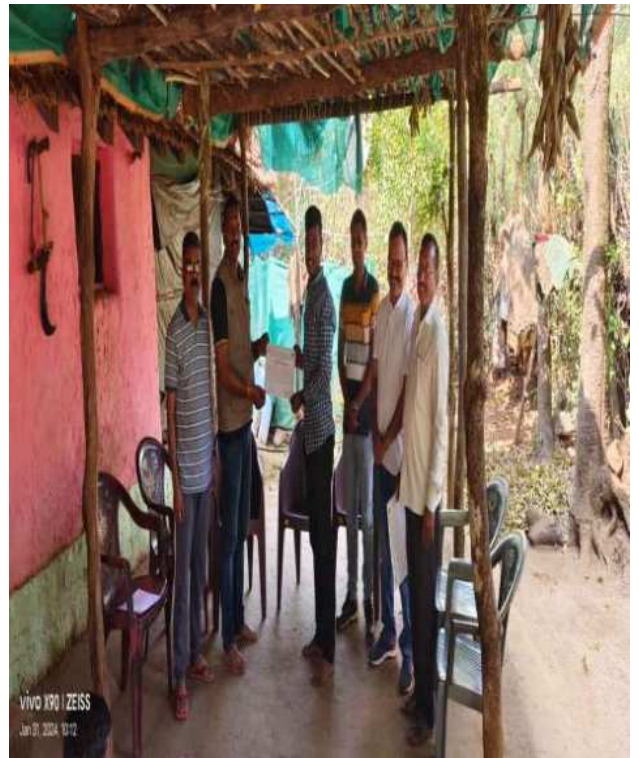
Yoga Training



With Community Members



Discussion with NGO Members



Giving a Letter of Appreciation

**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal**


**DEPARTMENT OF NCC**

**NOTICE**

Date- 28 September 2023

All NCC cadets informs to participate in this commemoration of one day before Gandhi Jayanti, Department of NCC organizing cleanliness drive on October 1, 2023, at 9.00 a.m. We kindly request for your participation in cleaning the bus stand and judiciary court area of Kavthe Mahankal.




  
Mr. D. M. Godase  
CTO  
Department of NCC


Date: 01/10/2023

**'Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**  
**Report of the Activity**

<b>Title</b>	Cleanliness Drive on the Occasion of Gandhi Jayanti.
<b>Day &amp; Date</b>	Sunday, 01 October 2023
<b>Organizer</b>	Department of NCC, Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.
<b>Funding</b>	-
<b>Head</b>	Mr. D.M. Godase CTO, Department of NCC
<b>Co-ordinator</b>	Mr. D.M. Godase CTO, Department of NCC
<b>Background</b>	The newly established NCC department at our college aims to in still discipline, leadership, and patriotism among students. It offers a platform for holistic development through various training programs and activities. With a focus on community service and national defense, the NCC department encourages active participation and commitment from students.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. Promote a clean and hygienic environment in the college and surrounding areas.</li><li>2. Raise awareness about the importance of cleanliness for personal health and community well-being.</li><li>3. In still a sense of civic responsibility and environmental stewardship among NCC cadets and the broader student body.</li><li>4. Contribute to the beautification and maintenance of public spaces, fostering pride in our campus and locality.</li><li>5. Align with the principles of Mahatma Gandhi, emphasizing the significance of cleanliness in nation-building and social progress.</li></ol>
<b>Conclusion</b>	In this cleanliness drive, a total of 18 cadets alongside additional student volunteers actively participated, showcasing remarkable teamwork and commitment. Their collective efforts not only revitalized the surroundings but also underscored the importance of community engagement and responsibility. This event exemplified the impactful collaboration between the NCC unit and NSS students, all of whom were thanked by the administration for their excellent cleanliness of the bus stand and court area.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
**PRINCIPAL,**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist-Sangli

Date: 01/10/2023

**‘Shikshan Prasarak Sanstha’s**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF NCC**

**Report of the Cleanliness Drive on the Occasion of Gandhi Jayanti.**


In anticipation of Gandhi Jayanti, Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal, organized a proactive cleanliness drive on October 01, 2023. The event saw enthusiastic participation from 18 NCC cadets and numerous other students who volunteered to contribute to the initiative. The objective was to rejuvenate the bus stand campus and the tahsil judiciary court campus, aligning with the spirit of Mahatma Gandhi's principles of cleanliness and community service.

We extend our heartfelt gratitude to Principal Dr. M.K. Patil, President Balasaheb Taty Shinde, and Secretary of the college, Sudarshan Shinde, for their unwavering support and encouragement in organizing this initiative. We also acknowledge the cooperation of the Bus Stand Kavathe Mahankal Depot Manager and the Judiciary Court staff, whose assistance was instrumental in the successful execution of the cleanliness drive.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal, takes pride in the success of this cleanliness drive, recognizing it as a testament to the college community's commitment to upholding Gandhian values and fostering a cleaner, healthier environment for all.

  
Mr. D. M. Godase  
Co-Ordinator



  
Prof. (Dr.) M. K. Patil  
Principal  
PRINCIPAL,  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist- Sangli

**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal**

**DEPARTMENT OF NCC**

**ATTENDANCE SHEET**

**Name of Activity: Cleanliness Drive on the Occasion of Gandhi Jayanti.**

**Day & Date: 01 October 2023**

Sr. No.	Name of Student	Year	Sign
1	SAGAR SANJIV GORAD	I	S.S. Gorad.
2	HARSHAD SATISH PATIL	I	H. Patil
3	SACHIN BHIWA KHOT	I	S. Khot
4	AVINASH MANIK BAJBALE	I	A. Bajbale
5	SOURABH TANAJI MALAME	I	S. Malame
6	JITENDRA GORAKHNATH BAJBALE	I	J. Bajbale
7	SATISH MOHAN GHATGE	I	S. Ghatge
8	SWAYAM CHANDRAKANT SABALE	I	S.C. Sabale
9	OM SANJAY JADHAV	I	O. Jadhav
10	ATHARV PRABHAKAR SURYAWANSHI	I	A. Suryawanshi
11	ROHAN SUNIL SUTAR	I	R. Sutar
12	ANIL PRAKASH PANDHARE	I	A.P. Pandhare
13	VARSHA VITTHAL KADAM	I	V. Kadam
14	SANJANA SADASHIV HIPPARKAR	I	S.S. Hipparkar
15	SONALI BABASAHEB PADALKAR	I	S. Padalkar
16	RIYA JAGANNATH WAYADANDE	I	R. Wayadande
17	SANJANA SAMBHAJI PATOLE	I	S. Patole
18	VRUSHALI RAMHARI KHOT	I	V.R. Khot



## PHOTO PLATES OF CLEANLINESS DRIVE



### Certificate of Appreciation

This is to certify that

**Sagar Gorad**

Has contributed in  
 Shramdaan for Swachh Bharat  
 On  
 1st October, 2023, at 10 AM

A Swachh Bharat Mission Initiative

### Certificate of Appreciation

This is to certify that

**Varsha.V. Kadam**

Has contributed in  
 Shramdaan for Swachh Bharat  
 On  
 1st October, 2023, at 10 AM

A Swachh Bharat Mission Initiative



16-14

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**



**National Service Scheme**  
**Activity Report**

<b>Title</b>	<b>Cleaning Drive at Court Area'</b>
<b>Day &amp; Date</b>	01/10/23
<b>Organizer</b>	NSS No of Part : 30
<b>Co-ordinator</b>	<b>Surendranath Babar</b>
<b>Background</b>	On October 1, 2023, the National Service Scheme (NSS) initiated a cleaning drive campaign at the Court Area of Kavathe Mahankal. The campaign aimed to address the issue of environmental cleanliness, promote community involvement in sanitation efforts, and raise awareness about the importance of maintaining a clean and hygienic environment.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To mobilize NSS volunteers and community members to participate in a collective effort to clean and beautify the court premises.</li><li>- To promote the adoption of responsible waste management practices and encourage the proper disposal of waste.</li></ul>
<b>Conclusion/ Outcomes</b>	The cleaning drive at the court area by the NSS unit of [Your Institution's Name] was a resounding success. It not only achieved its primary goal of cleaning the court premises but also promoted environmental awareness and community spirit. The NSS unit plans to organize similar drives in other areas to continue contributing to the Swachh Bharat Abhiyan and inculcate the value of cleanliness among the youth.

  
**Surendranath Babar**  
Program Officer  
**PROGRAM OFFICER**  
**National Service Scheme**  
P. V. P. Mahavidyalaya,  
Kavathe Mahankal.

  
**Principal**  
**PRINCIPAL,**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist- Sangli



Cleaning Drive At Court Area

Shikshan Prasarak Sanstha's  
Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal



National Service Scheme  
Activity Report

Title	'Brook Cleaning Campaign'
Day & Date	29/03/2023
Organizer	NSS No of part : 43
Co-ordinator	Prof Sanjay Patil, Prof Netaji Pol
Background	The National Service Scheme (NSS) orchestrated a significant environmental initiative, the Brook Cleaning Campaign, on March 29, 2023. The campaign aimed to address environmental concerns related to water bodies, specifically focusing on cleaning and preserving the local brook while fostering community engagement in environmental conservation efforts.
Objective	The primary objective of the Brook Cleaning Campaign was to raise awareness about the importance of maintaining clean water bodies and actively involve the community in cleaning and preserving the local brook. The campaign sought to underscore the significance of preserving natural habitats and preventing pollution.
Conclusion/ Outcomes	The Brook Cleaning Campaign organized by NSS on March 29, 2023, emerged as a testament to collective environmental responsibility and community action. The active participation of NSS volunteers and community members showcased the power of collaborative efforts in addressing environmental challenges. The campaign not only cleansed the brook but also instilled a sense of responsibility and awareness among participants regarding the importance of preserving natural water bodies. Ongoing collaborations with local authorities will be pivotal in maintaining the positive impact of this campaign and fostering a sustainable environment for future generations.

  
Sanjay Patil

NSS Program Officer

**PROGRAM OFFICER**  
**National Service Scheme**  
**P. V. P. Mahavidyalaya,**  
**Kavathe Mahankal.**



Principal  
**PRINCIPAL,**


Padmabhushan Vasanttraodada Patil  
Mahavidyalaya, K. Mahankal, Dist-Sangli




**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**National Service Scheme**  
**Activity Report**



<b>Title</b>	<b>"Swachhata Campaign"</b>
<b>Day &amp; Date</b>	05/07/2023
<b>Organizer</b>	NSS      No of Part : 25
<b>Co-ordinator</b>	<b>Surendranath Babar, Dr Metaji Pol</b>
<b>Background</b>	On 05/07/2023, the National Service Scheme (NSS) organized a Swachhata Campaign at Thabadewadi Primary School, with the objective of promoting cleanliness and hygiene practices among the residents. The campaign aimed to create awareness about the importance of maintaining a clean environment and fostering community participation in waste management initiatives.
<b>Objective</b>	- To mobilize volunteers and community members to participate in cleanliness drives. -To initiate waste segregation and disposal practices for a cleaner environment.
<b>Conclusion/ Outcomes</b>	The Swachhata Campaign conducted by NSS volunteers at Jadhavwadi Village on 05/07/2023, yielded positive outcomes in promoting cleanliness, hygiene, and community participation. By fostering awareness and active involvement in waste management initiatives, the campaign created a cleaner and healthier environment for the villagers. Such endeavours underscore the pivotal role of grassroots initiatives in advancing the Swachh Bharat Mission and promoting sustainable development goals.

  
Surendranath Babar  
NSS Program Officer

**PROGRAM OFFICER**  
**National Service Scheme**  
**P. V. P. Mahavidyalaya,**  
**Kavathe Mahankal.**

  
Principal  
**PRINCIPAL,**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist. Sangli



Primary School Campus Cleaning

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**



**National Service Scheme**  
**Activity Report**

<b>Title</b>	“Plastic Free Bus Stop”
<b>Day &amp; Date</b>	20/09/2023
<b>Organizer</b>	NSS      No of Part : 27
<b>Co-ordinator</b>	<b>Prof Netaji Pol, Surendranath Babar</b>
<b>Background</b>	The National Service Scheme (NSS) at Padmabhushan Vasantrodada Patil Mahavidyalaya launched a significant initiative to make a prominent bus stop in Kavathe Mahankal a "Plastic Free Bus Stop." This program was in alignment with our commitment to environmental sustainability and responsible citizenship. The event aimed to eliminate plastic waste at the bus stop and raise awareness about the harmful effects of plastic pollution.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To promote environmental consciousness and the importance of reducing plastic usage.</li><li>2. To engage NSS volunteers and the community in the removal of plastic waste from public spaces.</li><li>3. To encourage commuters and local businesses to adopt eco-friendly alternatives to plastic.</li></ol>
<b>Conclusion/ Outcomes</b>	The "Plastic Free Bus Stop" program organized by the NSS was a resounding success in terms of achieving its objectives. It not only transformed the bus stop into an eco-friendly space but also instilled a sense of responsibility and environmental awareness among NSS volunteers and the local community. The event showcased the power of collective action in combating plastic pollution and promoting sustainable living.

  
Netaji Pol  
NSS Program Officer

**PROGRAM OFFICER**  
**National Service Scheme**  
**P. V. P. Mahavidyalaya,**  
**Kavathe Mahankal.**

  
Principal  
**PRINCIPAL,**  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, K. Mahankal, Dist-Sangli



Plastic Free Bus Stop

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal



National Service Scheme  
Activity Report

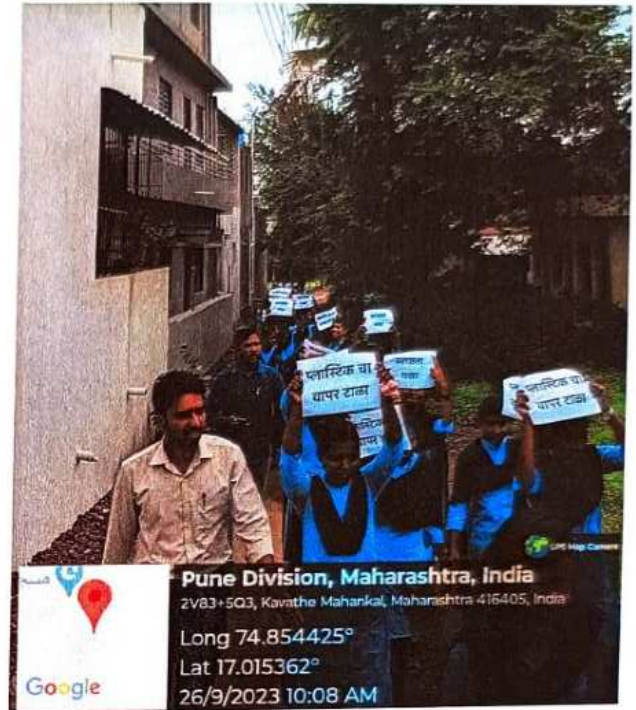
<b>Title</b>	“Swachhata Hi Seva”
<b>Day &amp; Date</b>	26/09/2023
<b>Organizer</b>	NSS No of Part : 26
<b>Co-ordinator</b>	Surendranath Babar
<b>Background</b>	The National Service Scheme (NSS) at Padmabhushan Vasantdada Patil Mahavidyalaya, Kavathe Mahankal, took a significant step towards promoting cleanliness and sanitation through the "Swachhata Hi Seva" programme. This initiative aimed to raise awareness about the importance of cleanliness and foster a sense of responsibility among the students and the community. The program included a Swachhata awareness campaign and a Swachhata pledge-taking ceremony.
<b>Objective</b>	The Swachhata Hi Seva programme was conducted with great enthusiasm, bringing together NSS volunteers and local community members. The initiative aimed to promote the Swachh Bharat Abhiyan and instill a sense of civic responsibility among the participants.
<b>Conclusion/ Outcomes</b>	The Swachhata Hi Seva programme, bus depot cleaning, and Swachhata Oath-taking ceremony organized by the National Service Scheme at Padmabhushan Vasantdada Patil Mahavidyalaya, Kavathe Mahankal, were successful in raising awareness about cleanliness and promoting community involvement. These initiatives not only contributed to a cleaner environment but also served as a platform for students and the community to come together and work towards a common goal.

  
Surendranath Babar

NSS Program Officer.  
**PROGRAM OFFICER**  
**National Service Scheme**  
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Principal

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Mahavidyalaya, K.Mahankal, Dist-Sangli



Swacchata hi Sewa

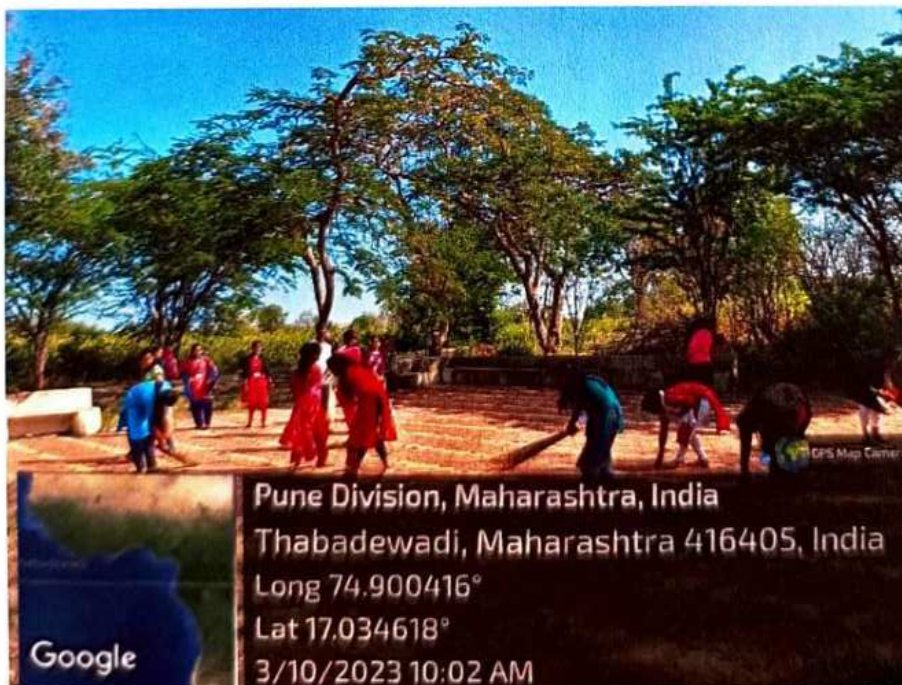
**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**National Service Scheme**  
**Activity Report**



<b>Title</b>	'Crematory Cleaning Drive'
<b>Day &amp; Date</b>	03/10/2023
<b>Organizer</b>	NSS      No of Part : 25
<b>Co-ordinator</b>	<b>Surendranath Babar, Dr Netaji Pol</b>
<b>Background</b>	On October 3, 2023, the National Service Scheme (NSS) volunteers organized a Crematory Cleaning Drive at Thabadewadi Village. The initiative aimed to clean and maintain the cremation grounds in the village, ensuring dignity and respect for the departed souls and their families. The drive also sought to promote community participation in environmental cleanliness and sanitation efforts.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To clean the cremation grounds to maintain a hygienic environment.</li><li>- To promote awareness about the importance of cleanliness and sanitation in public spaces.</li><li>- To foster community engagement and participation in environmental conservation initiatives.</li></ul>
<b>Conclusion/ Outcomes</b>	The Crematory Cleaning Drive organized by NSS volunteers at Thabadewadi Village on October 3, 2023, exemplified the spirit of service and community engagement. By coming together to clean and maintain the cremation grounds, volunteers demonstrated their commitment to upholding dignity, respect, and environmental stewardship. Such initiatives not only contribute to the beautification of public spaces but also foster a sense of belonging and responsibility towards the community.

  
**Surendranath Babar**  
Program Officer  
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**National Service Scheme**  
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Cleaning Drive at Crematory

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal  
National Service Scheme  
Activity Report



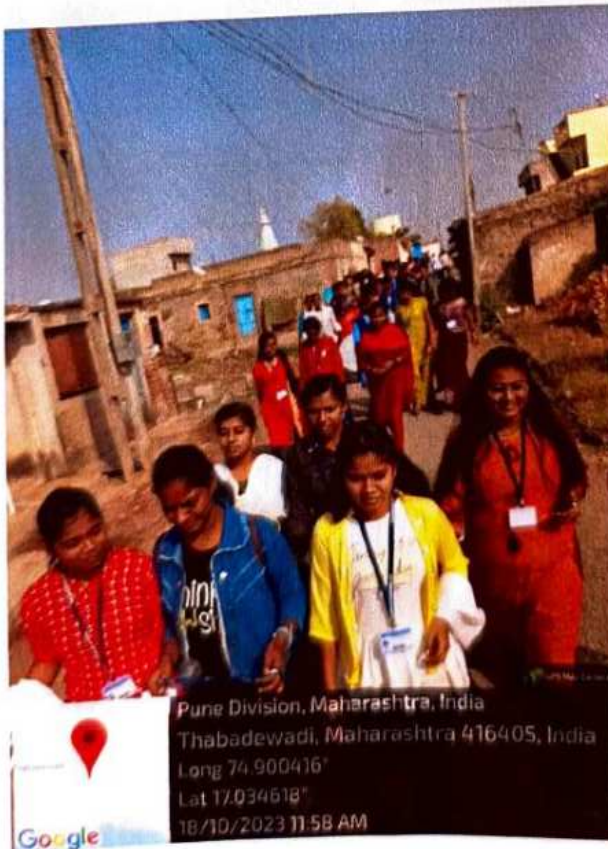
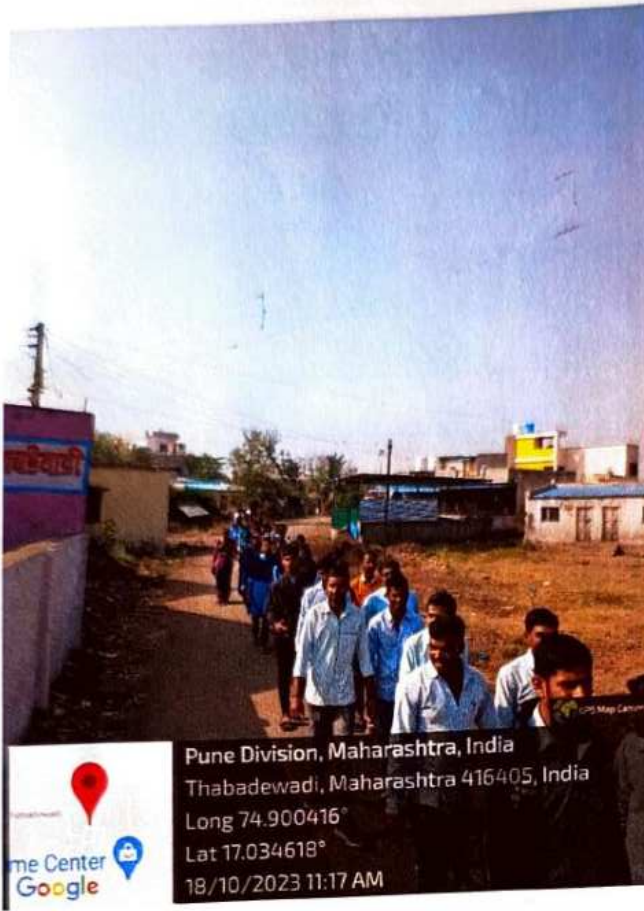
<b>Title</b>	"Say No To Plastic, Awareness Rally"
<b>Day &amp; Date</b>	18/10/2023
<b>Organizer</b>	NSS      No of part : 28
<b>Co-ordinator</b>	<b>Dr Netaji Pol, Surendranath Babar</b>
<b>Background</b>	On October 18, 2023, the National Service Scheme (NSS) volunteers organized a "Say No to Plastic" rally for awareness in Thabadewadi Village. The objective of the rally was to educate the community about the detrimental effects of plastic pollution on the environment and advocate for the reduction and elimination of single-use plastics. It aimed to mobilize community support for sustainable alternatives and promote environmental conservation efforts.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To raise awareness about the adverse impacts of plastic pollution on ecosystems, wildlife, and human health.</li><li>- To advocate for the reduction and elimination of single-use plastics through community action and policy support.</li><li>- To promote the adoption of eco-friendly alternatives and sustainable practices to mitigate plastic pollution.</li></ul>
<b>Conclusion/ Outcomes</b>	The "Say No to Plastic" rally organized by NSS volunteers at Thabadewadi Village on October 18, 2023, served as a powerful platform for advocating environmental conservation and promoting sustainable living practices. By mobilizing community support and raising awareness about the harmful effects of plastic pollution, the rally contributed to fostering a culture of environmental responsibility and promoting a cleaner and greener future for Thabadewadi Village and beyond.

  
Dr Netaji Pol

Program Officer

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Principal -  
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**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, K. Mahankal, Dist- Sangli**



Say No To Plastic

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal**  
**National Service Scheme**  
**Activity Report**



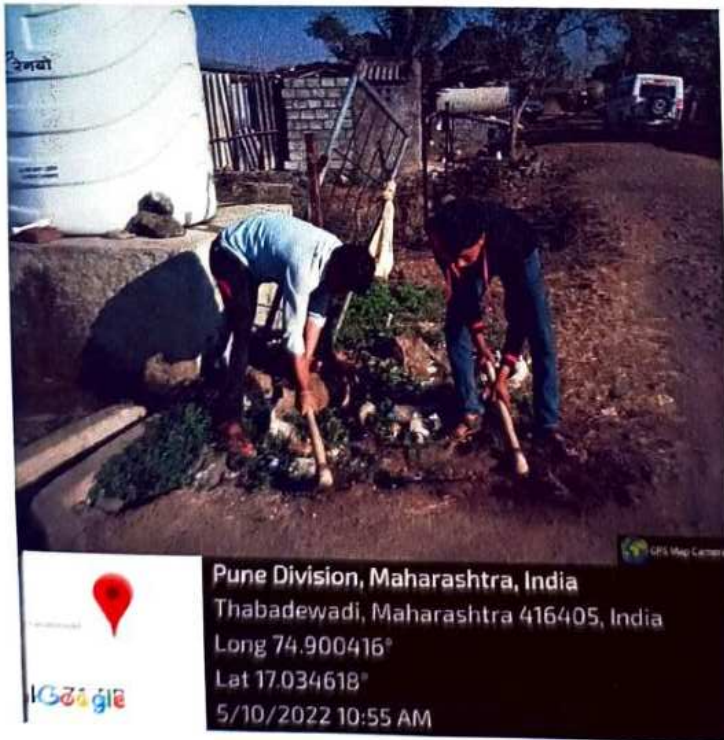
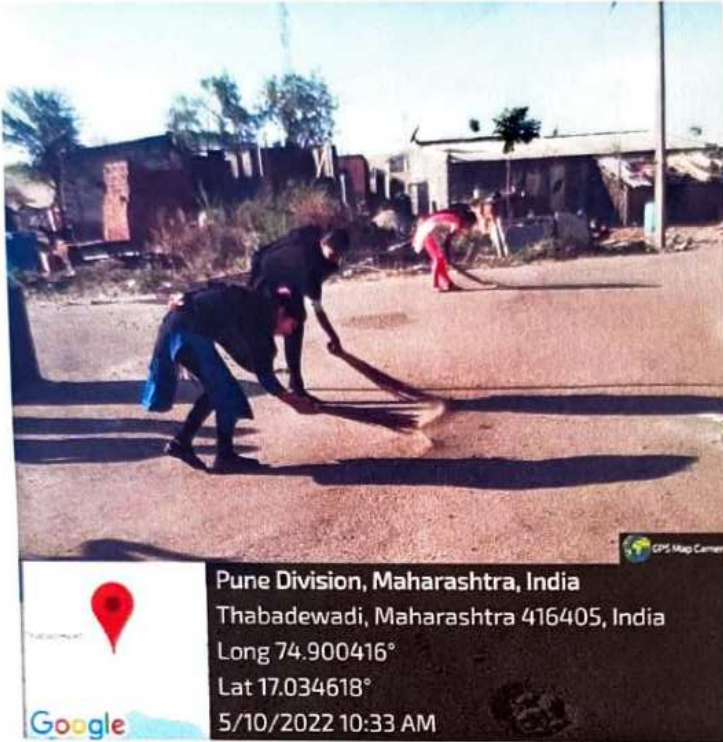
<b>Title</b>	'Cleaning Drive'
<b>Day &amp; Date</b>	05/10/2022
<b>Organizer</b>	NSS      No of Part : 25
<b>Co-ordinator</b>	<b>Sanjay Patil, Dr Netaji Pol</b>
<b>Background</b>	On October 5, 2022, the National Service Scheme (NSS) initiated a cleaning drive campaign at Vithurayachi Wadi Village. The campaign aimed to address the issue of environmental cleanliness, promote community involvement in sanitation efforts, and raise awareness about the importance of maintaining a clean and hygienic environment.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To mobilize NSS volunteers and community members to participate in a collective effort to clean and beautify the village.</li><li>- To promote the adoption of responsible waste management practices and encourage the proper disposal of waste.</li><li>- To foster a sense of ownership and pride among residents in maintaining the cleanliness and hygiene of their surroundings.</li></ul>
<b>Conclusion/ Outcomes</b>	The cleaning drive campaign initiated by NSS at Vithurayachi Wadi Village on October 5, 2022, exemplified the spirit of community service and environmental responsibility. By mobilizing volunteers and community members to take action against littering and pollution, the campaign contributed to creating a cleaner and more livable village environment. Such initiatives underscore the importance of collective efforts in addressing environmental challenges and promoting sustainable development.

  
Sanjay Patil

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Principal

**Acting Principal**  
**Padmabhushan Vasantodada Patil**  
**Mahavidyalaya, Kavathe Mahankal, Dist. Sangli**



Cleaning Campaign

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal  
National Service Scheme  
Activity Report



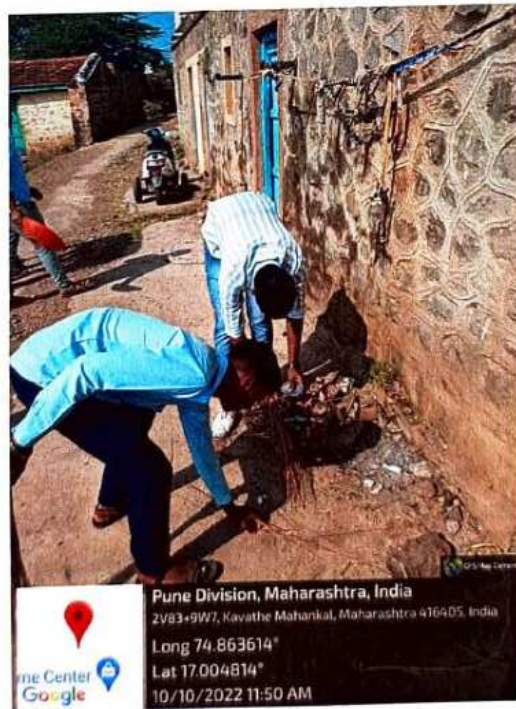
<b>Title</b>	“Plastic Free Roadsides”
<b>Day &amp; Date</b>	10/10/2022
<b>Organizer</b>	NSS      No of Part : 25
<b>Co-ordinator</b>	Dr N S Pol, Mr Sanjay Patil
<b>Background</b>	The National Service Scheme (NSS) at Padmabhushan Vasantrodada Patil Mahavidyalaya launched a significant initiative to make a prominent bus stop in Kavathe Mahankal a "Plastic Free Roadsides". This program was in alignment with our commitment to environmental sustainability and responsible citizenship. The event aimed to eliminate plastic waste at the bus stop and raise awareness about the harmful effects of plastic pollution.
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To promote environmental consciousness and the importance of reducing plastic usage.</li><li>2. To engage NSS volunteers and the community in the removal of plastic waste from public spaces.</li><li>3. To encourage commuters and local businesses to adopt eco-friendly alternatives to plastic.</li></ol>
<b>Conclusion/ Outcomes</b>	The "Plastic Free Bus Stop" program organized by the NSS was a resounding success in terms of achieving its objectives. It not only transformed the bus stop into an eco-friendly space but also instilled a sense of responsibility and environmental awareness among NSS volunteers and the local community. The event showcased the power of collective action in combating plastic pollution and promoting sustainable living.

  
Netaji Pol

NSS Program Officer  
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Kavathe Mahankal.



Principal  
Acting Principal  
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Mahavidyalaya, Kavathe Mahankal, Dist. Sangli



Plastic Free Roadsides

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal  
National Service Scheme  
Activity Report



<b>Title</b>	"Bunding on Creeks"
<b>Day &amp; Date</b>	21/12/2022
<b>Organizer</b>	NSS No of Part : 18
<b>Co-ordinator</b>	Sanjay Patil, Netaji Pol
<b>Background</b>	On December 21, 2022, the National Service Scheme (NSS) organized a bunding activity on creeks for water conservation at Vithurayachiwadi. The objective of the initiative was to harness rainwater runoff by constructing bunds along creeks, thereby replenishing groundwater resources, preventing soil erosion, and promoting sustainable water management practices.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To conserve rainwater and enhance groundwater recharge by constructing bunds along creeks.</li><li>- To mitigate soil erosion and protect agricultural land and natural habitats.</li><li>- To raise awareness about the importance of water conservation and community participation in sustainable water management initiatives.</li></ul>
<b>Conclusion/ Outcomes</b>	The bunding activity organized by NSS at Vithurayachiwadi on December 21, 2022, exemplified the spirit of community-led environmental conservation and water stewardship. By harnessing rainwater runoff through the construction of bunds along creeks, the initiative promoted sustainable water management practices and contributed to the resilience of local ecosystems and livelihoods. Such collaborative efforts underscore the importance of community participation in addressing water scarcity and building climate resilience.

  
Sanjay Patil

NSS Program Officer  
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Kavathe Mahankal.

  
Hc Principal  
Acting Principal  
Padmabhushan Vasantaoada Patil  
Mahavidyalaya, Kavathe Mahankal, Dist-Sangli



Bunding

**Shikshan Prasarak Sanstha's**  
**Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal**  
**National Service Scheme**  
**Activity Report**



<b>Title</b>	<b>"Tree Plantation Drive"</b>
<b>Day &amp; Date</b>	02/02/2021
<b>Organizer</b>	NSS      No of Part. : 23
<b>Co-ordinator</b>	<b>Sanjay Patil, Netaji Pol</b>
<b>Background</b>	On Feb 2nd, 2021, the National Service Scheme (NSS) conducted a Tree Plantation Drive at the Vithurayachi Wadi. The objective of the drive was to promote environmental sustainability, enhance green cover, and raise awareness about the importance of tree planting in mitigating climate change.
<b>Objective</b>	<ul style="list-style-type: none"><li>- To promote environmental consciousness and stewardship among NSS volunteers and community members.</li><li>- To contribute to the preservation and enhancement of biodiversity in the local ecosystem.</li><li>- To engage in a collaborative effort to combat climate change and its adverse effects through tree plantation initiatives.</li></ul>
<b>Conclusion/ Outcomes</b>	The Tree Plantation Drive conducted by NSS at the Vithurayachi Wadi Village on Feb 2nd, 2021, exemplified the spirit of environmental stewardship and community engagement. By coming together to plant trees, participants contributed to the preservation of nature and the creation of a healthier environment for present and future generations. Such initiatives underscore the commitment of NSS towards promoting sustainable development and fostering a culture of environmental responsibility.

  
D S Patil

NSS Program Officer  
**PROGRAM OFFICER**  
**National Service Scheme**  
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**Kavathe Mahankal.**

  
Principal  
**PRINCIPAL,**

Padmabhushan Vasantaoada Patil  
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