



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

Criterion-VII: Institutional Values & Best Practices


Indicator 7.1 Institutional Values & Social Responsibilities

Environmental Promotion Activities: At the Campus

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-PRINCIPAL
Padmabhushan Vasanttraodada 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






 GPS Map Camera



Google

Kavathe Mahankal, Maharashtra, India
2V73+384, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.013225°
Long 74.854333°
21/08/24 02:27 PM GMT +05:30




 GPS Map Camera



Google

Kavathe Mahankal, Maharashtra, India
2V73+MR6, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.014196°
Long 74.854422°
08/09/24 02:31 PM GMT +05:30



 GPS Map Camera

Kavathe Mahankal, Maharashtra, India
2V73+384, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.013203°
Long 74.854297°
21/08/24 02:28 PM GMT +05:30



 GPS Map Camera

Kavathe Mahankal, Maharashtra, India
2V73+384, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.013565°
Long 74.854442°
21/08/24 02:46 PM GMT +05:30



Medicinal Plants Garden Maintained by Department of Botany



Nursery Prepared by Students of Department of Botany



GPS Map Camera

Kavathe Mahankal, Maharashtra, India
2V73+PQM, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.014508°
Long 74.85433°
21/08/24 12:11 PM GMT +05:30

Google

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
Lat 17.013778°
Long 74.854403°
30/05/23 10:05 AM GMT +05:30

Vermicompost Plant



Kavathe Mahankal, Maharashtra, India
2V73+MR6, Kavathe Mahankal, Maharashtra 416405, India
Lat 17.013727°
Long 74.854466°
21/08/24 11:44 AM GMT +05:30

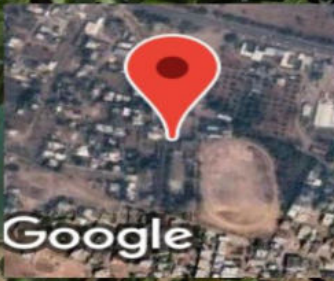
Signposts to promote “Principle of Go Green”



GPS Map Camera

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

सर्व कर्मचारी अभ्यागतांनी व विद्यार्थ्यांनी स्वतःचे ओव्खपत्र सुरक्षा रक्षकास निर्दशनास येईल असे धारण करावे.
महोदयपालय परिचर्या न देऊन ना सदैव मास्कचा पापर करावा.



Google

Tree Plantation Program by Faculty Members



Same Tree after One Year



Tree Planted by Mr. Bhagvan Sonand



Same Tree After 10 years





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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



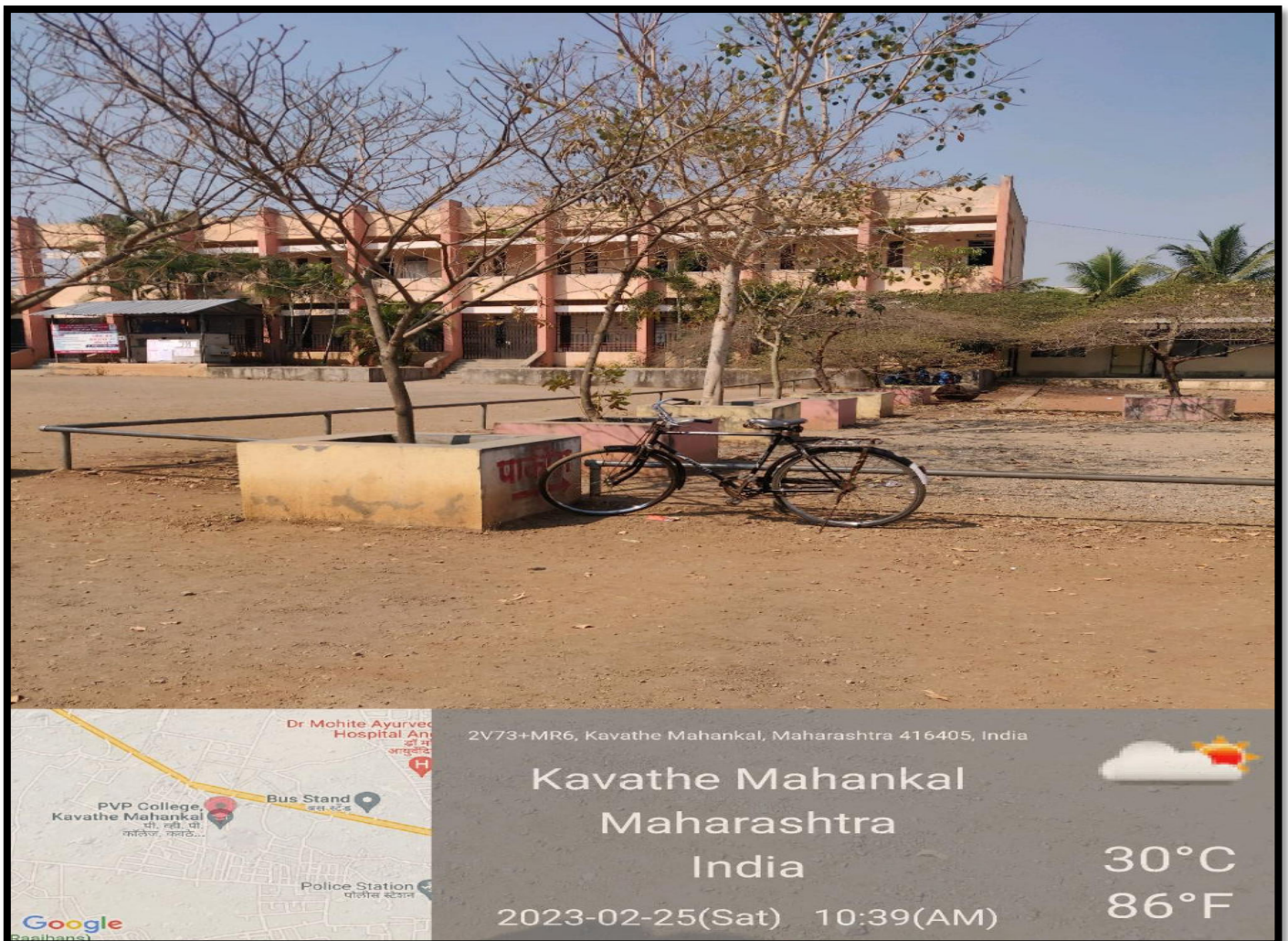
No Vehicles are in Campus on No Vehicle Day



Faculty Members with Bicycles on No Vehicle Day



Parked Bicycles at College Campus





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Website : www.pvpkm.org

RefNo. 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, 06th 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

Title	Guest lecture on "Socioeconomic impact and importance of wildlife"
Day & Date	Friday, 06 th October, 2023
Organizer	Department of Zoology
Chief Guest	Mr. Amol Jadhav Nature conservation Society, Sangali
Co-ordinator	Prof. (Dr.) Suverna B. More Head, Department of Zoology, P. V. P. Mahavidyalaya, KavatheMahankal
President	Principal Prof.(Dr.) M. K. Patil P. V. P. Mahavidyalaya, KavatheMahankal
Present Students	
Background	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"
Objective	1. To create awareness about importance of Careeropportunities in Zoology 2. To encourage more economic activities in rural communities, create more rural employment opportunities.
Conclusion	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 Vasantodada Patil
Mahavidyalaya, K. Mahankal, Dist. Sangli

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

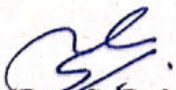
Date:07/10/2023

Report of the Activity

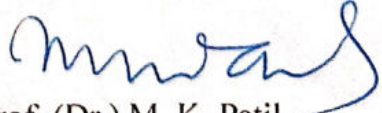
The Department of Zoology, Padmabhushan Vasanthaodada Patil Mahavidyalaya, Kavathe Mahankal is going to organize a Guest lecture on "Socioeconomic impact and importance of wildlife" as a Departmental Activity on 6th October, 2023. This event aimed to promoting interest in wildlife.

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.


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 Vasanthaodada Patil
Mahavidyalaya, K. Mahankal, Dist. Sangli



2473-V11 Kavathe Mahankal, Maharashtra 416405, India

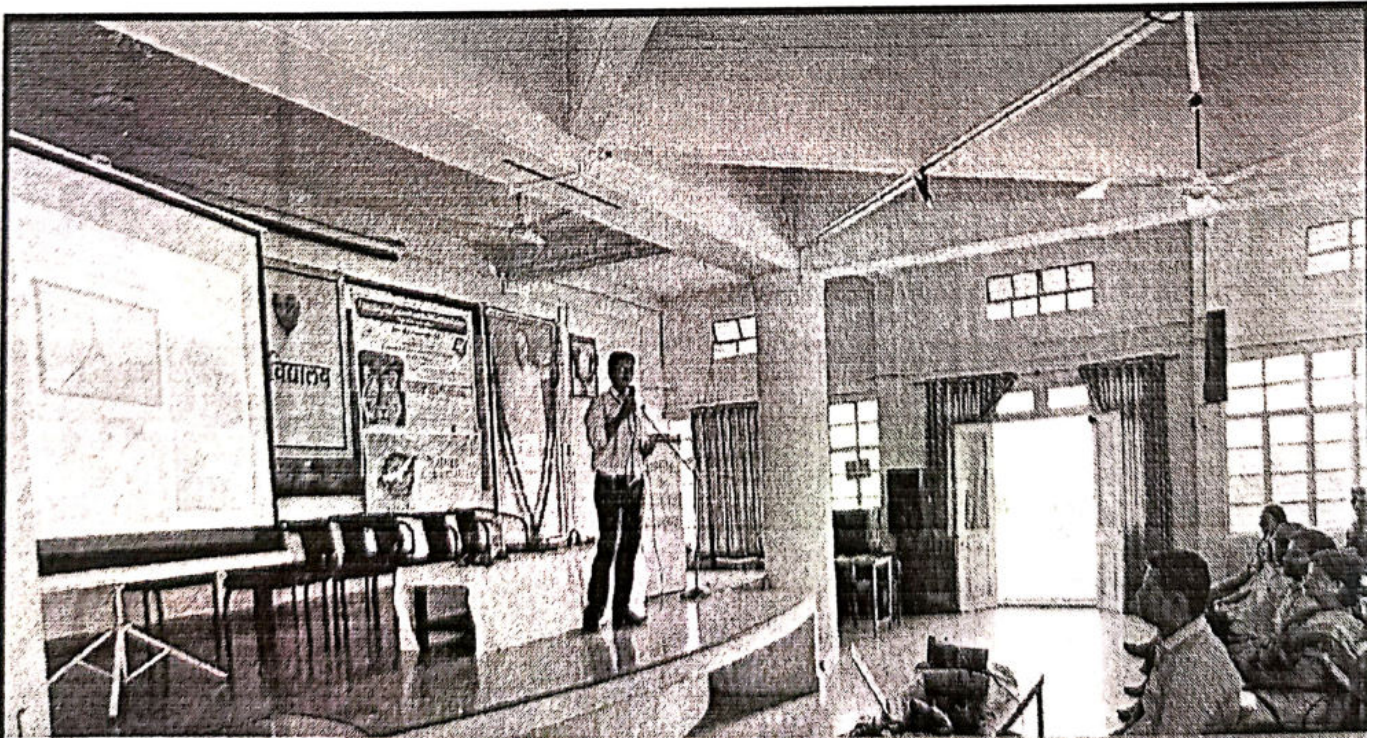
Kavathe Mahankal
Maharashtra
India

28°C

82°F

2023-10-05(Thu) 10:31(AM)

Google



2473-V11 Kavathe Mahankal, Maharashtra 416405, India

Kavathe Mahankal
Maharashtra
India

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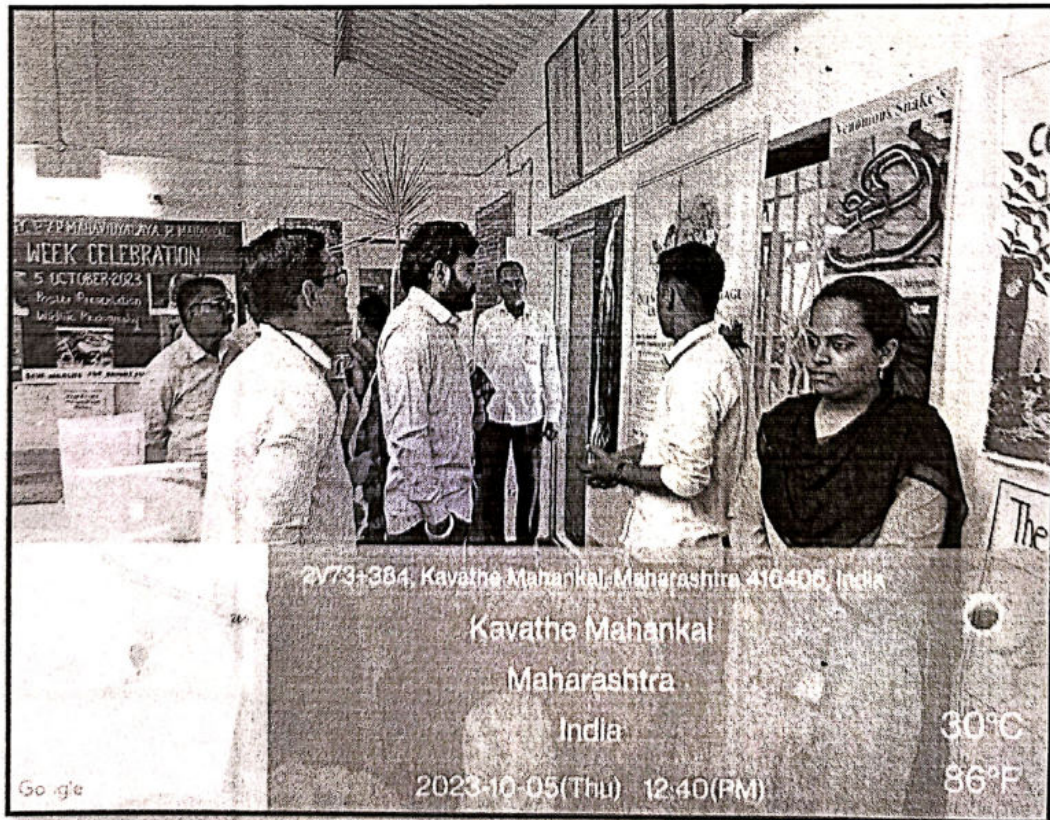
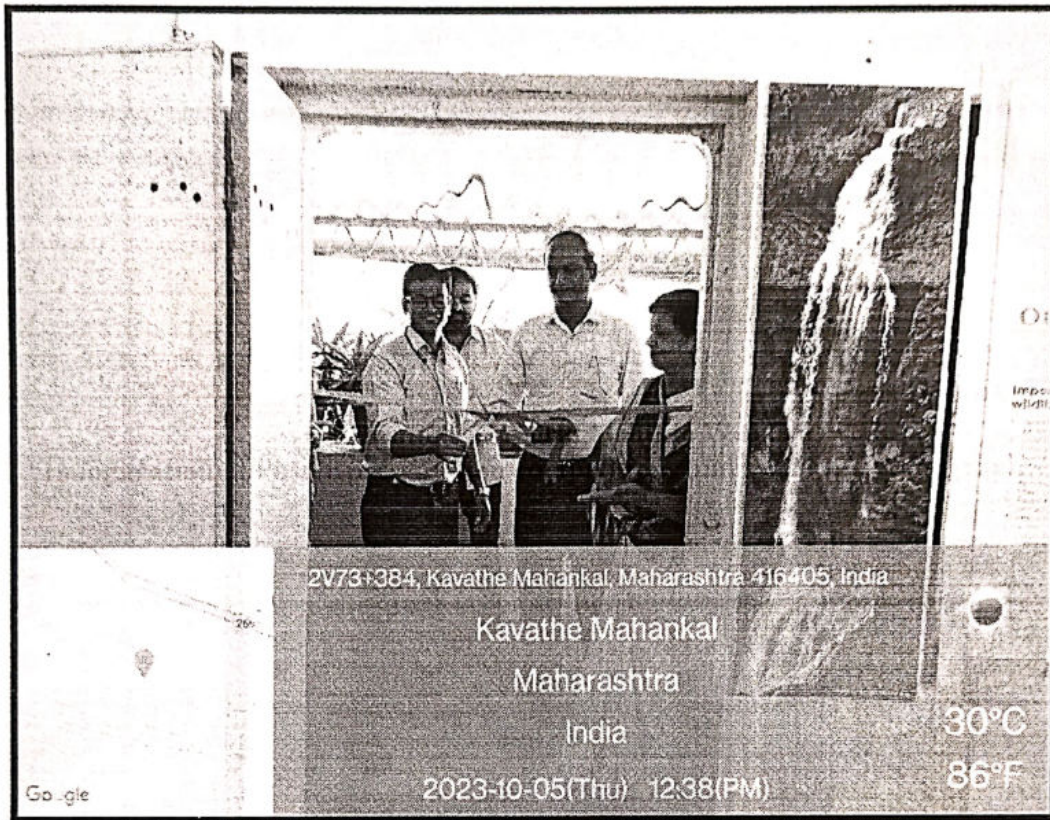
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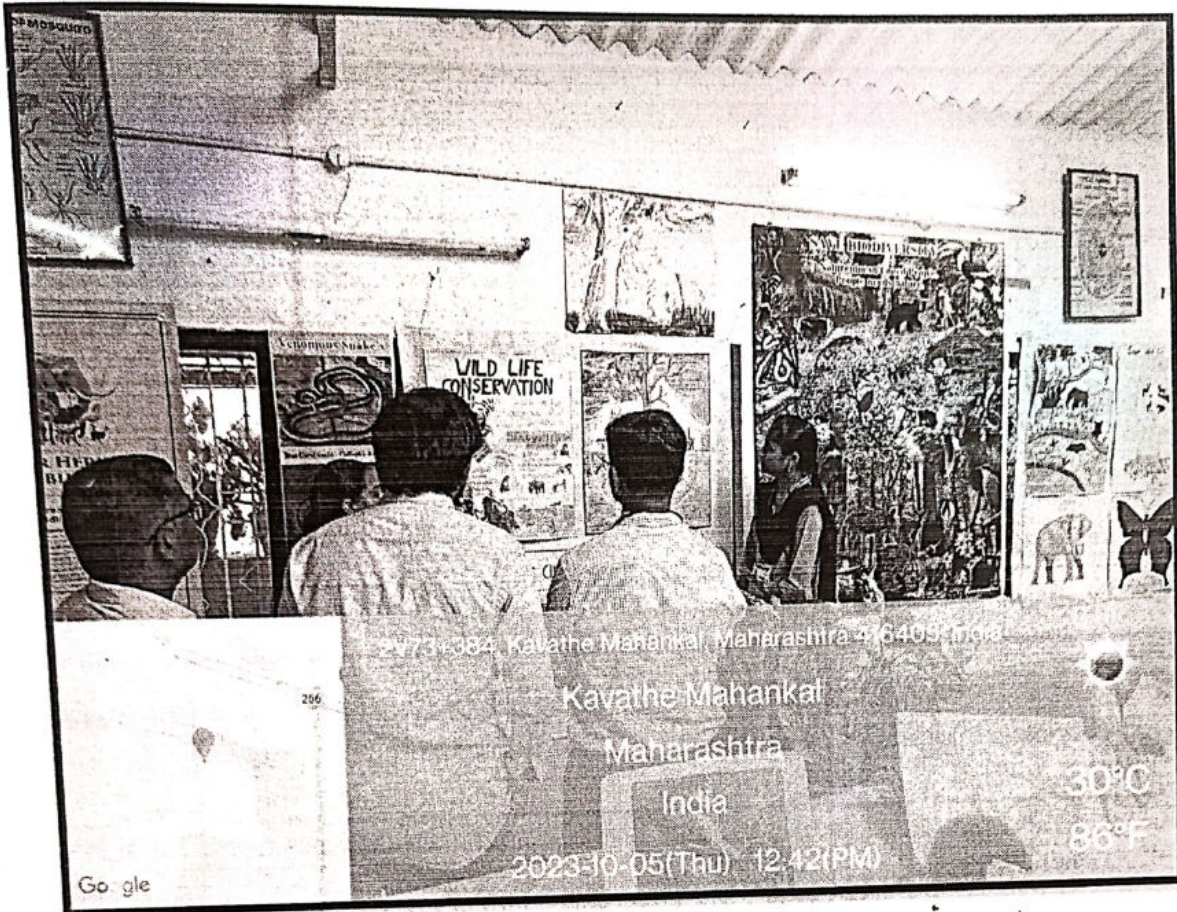
2023-10-05(Thu) 10:54(AM)

Google

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, 06th October, 2023** between 11.00 am to 1.00 pm.

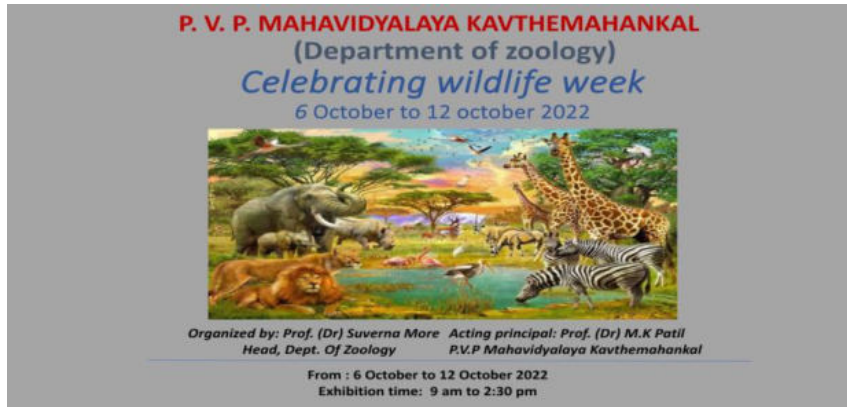
We find that the whole area of your expertise is truly fascinating. Once again, thank you for making the guest lecture successful, and we appreciate your continued support.

Yours faithfully,

Principal
-PRINCIPAL

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

Wildlife week Celebration 6th Oct.to 15th 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 elephant is about an inch thick.
 - ❖ Elephants eat for up to 18 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 12 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



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2V73+3XF, Kavathe Mahankal, Maharashtra 416405, India

Kavathe Mahankal

Maharashtra

India

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



23°C

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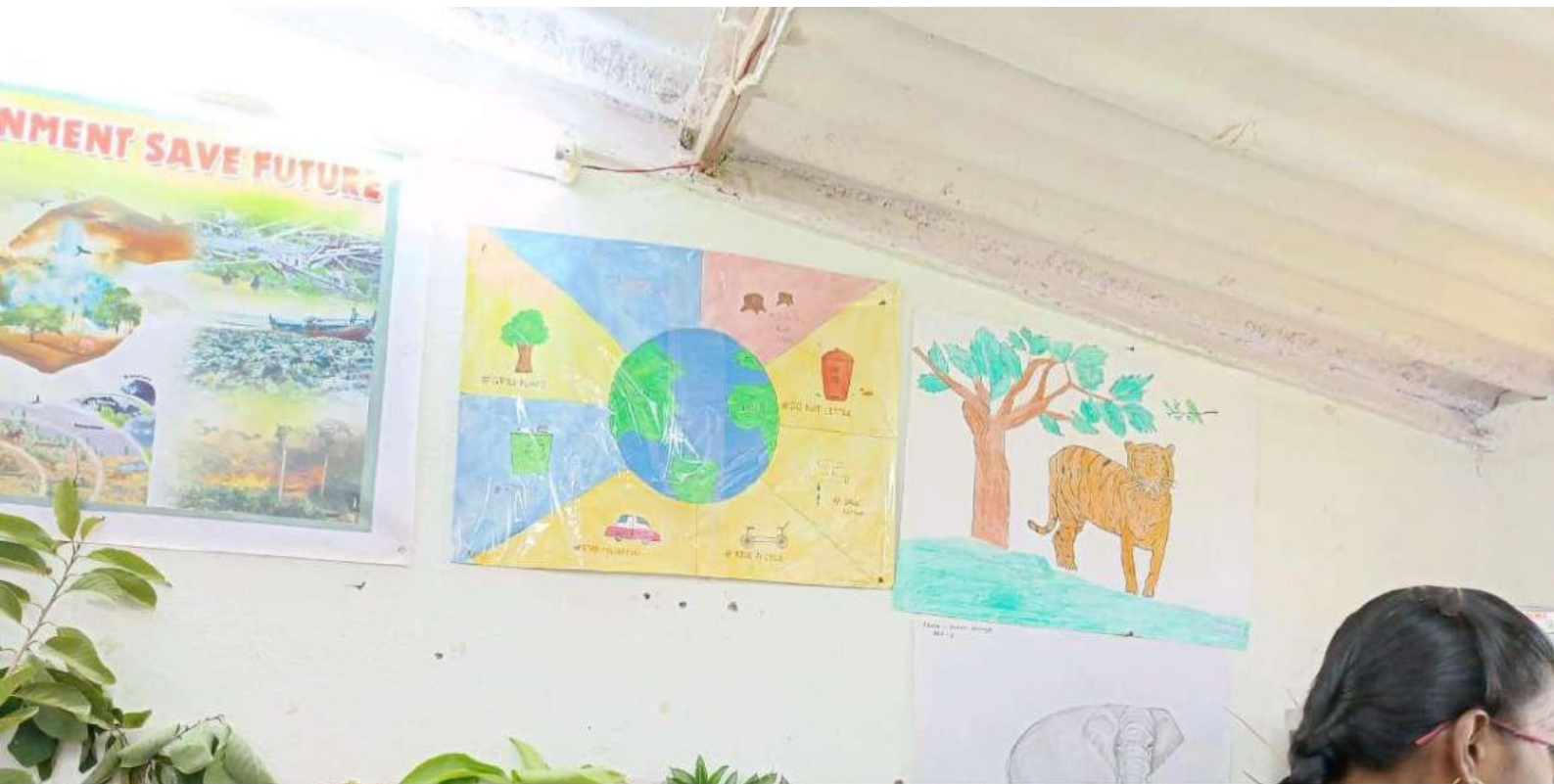


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Kavathe Mahankal
Maharashtra
India

23°C
 73°F

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



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Kavathe Mahankal

Maharashtra

India

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

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Kavathe Mahankal

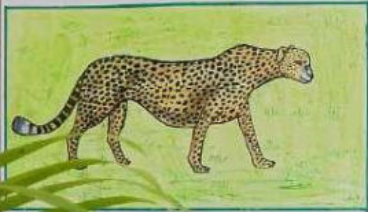
Maharashtra

India

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23°C
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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.

-Vaidraavi Desai, Purbhumi, BSC-1



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

Kavathe Mahankal

Maharashtra

India

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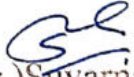
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SHIKSHAN PRASARAK SANSTHA'S
PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA, KAVATHE
MAHANKAL
DEPARTMENT OF ZOOLOGY

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 Vasanttraodada 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 01th to 7th 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

Date: 11/10/2019

WILDLIFE WEEK CELEBRATION

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

On the occasion of world wild life week 1th October to 7th 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.



STOP GLOBAL WARMING

Global warming is one of the biggest environmental problems the world is currently facing. Temperatures continue to rise year after year, causing the polar ice caps to melt and sea levels to rise, which could lead to flooding of coastal areas.

Humans are one of the main causes of global warming. Here are few things we can do to prevent climate change.

- Walk or cycle to school or work.
- Use public transport.
- Turn off lights when you leave a room.
- Use energy saving light bulbs.
- Recycle, reuse and reduce.
- Switch off your TV, computer and other electrical appliances when you are not using them.
- Use a car with a low carbon footprint.
- Cars emit gases that contribute to global warming.

Scientific Name: *Chlorophytum comosum*
Common Name: Spider plant
This plant is known for its ability to remove toxins from the air. It is a popular choice for indoor air purification.

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Common Name: Spider plant
This plant is known for its ability to remove toxins from the air. It is a popular choice for indoor air purification.



AIMS AND OBJECTIVES OF SOOCHY DEPARTMENT

Aims

1. To provide a platform for students to display their projects.
2. To provide a platform for students to display their projects.
3. To provide a platform for students to display their projects.
4. To provide a platform for students to display their projects.
5. To provide a platform for students to display their projects.

Objectives

1. To provide a platform for students to display their projects.
2. To provide a platform for students to display their projects.
3. To provide a platform for students to display their projects.
4. To provide a platform for students to display their projects.
5. To provide a platform for students to display their projects.













AIMS AND OBJECTIVES OF ZOOLOGY DEPARTMENT

Aims :

- To impart the knowledge of animal science to the pupils.
- To make the pupils to use the knowledge in their daily life.
- To make the pupils aware of natural resources and environment.
- To provide practical experience which form a part of their learning process.
- To develop aptitude for scientific work & ability to solve studies in beyond production.
- To encourage the pupils to take life science as a career which is the most vast & deep.
- To make the pupils fit for the society.

Objectives :

- To impart knowledge in the field of education. The students are expected to acquire the knowledge of animal science, natural phenomenon, manipulation of environment to meet the needs of the society.
- To understand the scientific work, concepts, facts, experiments etc.
- To develop interests in the biological subjects. This makes the pupils to be interested in the study of life science.
- To impart the knowledge of the life cycle of various organisms.
- To impart the knowledge of the life cycle of various organisms.
- To impart the knowledge of the life cycle of various organisms.

Malabar Chasing Frog (Rhinophrynus dorsalis)



AIMS AND OBJECTIVES OF ZOOLOGY DEPARTMENT

Aims :

- To impart the knowledge of the organismal and ecological aspects of life to the students.
- To impart the knowledge of the structure and function of the various organs of the body.
- To make the study of life more meaningful and interesting.
- To provide practical experience to the students of the various aspects of life.
- To provide the students with the necessary skills to carry out the practical work.
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Objectives :

- To impart the knowledge of the structure and function of the various organs of the body.
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AIMS AND OBJECTIVES OF ZOOLOGY DEPARTMENT

Aims :

- To provide a sound foundation in zoology to the students of the department.
- To make the students aware of the importance of zoology in the life of the individual and the society.
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Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya



Kavathe Mahankal, Sangli
Affiliated to Shivaji University, Kolhapur

Wild Vegetable Festival

as a

Departmental Activity



Organised by

Department of Botany

Padmabhushan Vasantrodada Patil Mahavidyalaya

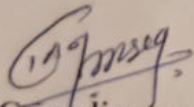
Kavathe Mahankal, 416405.

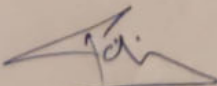


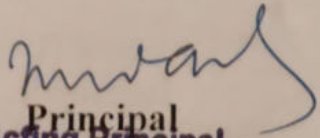
Date: 08/10/2022

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

Title	Wild Vegetable Festival
Day & Date	Friday, 07 th October 2022.
Organizer	Department of Botany.
Funding	-
Chief Guest	Dr. P.M. Chougule Former Vice Principal Smt.K.W.C. College Sangli and Research guide of Botany Shivaji University Kolhapur.
Background	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.
Objective	<ul style="list-style-type: none">• 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• 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.• To develop 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.
Conclusion	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,

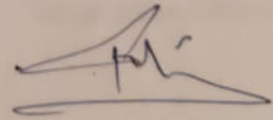
As per your guidelines we are going to organize **Wild Vegetable Festival** as a departmental activity in Department of Botany for our college students. The departmental activity will be completed in one day on the date of 07th October, 2022. This departmental activity will be definitely beneficial for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

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

Thanking you.

Permission granted

Mundani



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

Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

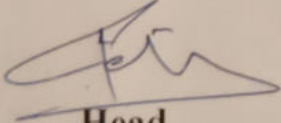
DEPARTMENT OF BOTANY

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 07th October, 2022. The interested students are requested to enroll for participation upto 06th October, 2022.

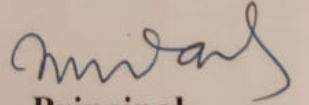
Note: Participants student need to prepare at least one recipe of wild vegetable on the day of occassion.



Head

Head

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



**Principal
Acting Principal**

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

Shikshan Prasarak Sanstha's

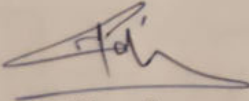
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

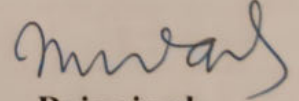
Date: 06-10-2022

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 07th 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

Shikshan Prasarak Sanstha's
Padmabhushan Vasantraodada 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

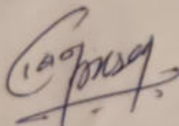
Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal
DEPARTMENT OF BOTANY
Report of the Activity

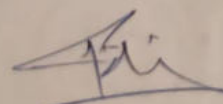
It was the first time, in this year; Wild Vegetable Festival was organized by the Department of Botany in Padmabhushan Vasantrodada Patil Mahavidyalaya. The program was inaugurated by Chief Guest Dr. P. M. Chougule and Principal Dr. M. K. Patil Sir. On the occasion of the inauguration, Head of Department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

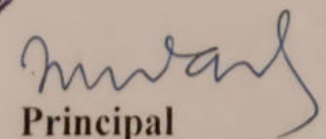
Students of all faculties in institute attended this festival and learned the scientific information of all wild vegetables. The certificates are provided to participated students at the end of Program. The Teacher MLA of Pune Assembly, Hon. Jayant Aasgaonkar also visited the wild vegetable festival. 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. D. 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	विभाग	सही
1	Jyeggu H. Kondekar	BA - III	Jyeggu
2	Rutuja M. Hatekar	BA - II	Hatekar
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 Anamasa A	- II Chemistry	Kamble
8	Patil S.T.	Physics	Patil
9	Salunkhe A.G.	Physics	Salunkhe
10	Maheshwar. J. Mengrulkar.	B.Sc. II nd	Mengrulkar
11	Shiraj D. Patil.	B.Sc. II	Patil
12	Akshaykumar Pandurang Yendar	Geog	Yendar
13	शुभंक शिंदे रमचंद्र	अभियांत्रिकी	Shinde
14	Rohan B. Patil	BSC. II	Rohani
15	Mahesh S. Jadhav.	B.Sc. 2 nd .	M.S. Jadhav.
16	prajwal sanjay patil	BSC - II	Patil
17	Aditya Daganu Waghmare	B.Sc. III	Waghmare
18	shinde digambar Sambhaji	B.Sc. III	Shinde
19	Mohite Madhuri Manohar	MBA II.	Mohite
20	Mohite Komal krushande	MBA II	Mohite
21	Chougule Rahul Tanaji	BSC - III	Chougule
22	Umeshrao Annasa Jangtap	XII - Sci	Jangtap
23	Piyush Nitin Waghmare	XII Scie	P.Ye.
24	Nikhil Balasa 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 Chanzarkhiv	Head Clerk	Chanzarkhiv
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 Jagendra 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)	Daashana Mahavir Gombhir	BSc - I	Daashana
41)	Komal Dagodu Patil	BSC - I	Komal
42)	Pronali Rajendra Patil	BSc - I	Patil
43)	Torane Sunil Nana	Asst. Teacher	Patil
44)	Dhaneshwari Dhanappa Haste	BSC. II (Sup.)	D. Haste
45)	Pratiksha Subhash kedar	Bsc. II	P. Kedar
46)	Sanika Rajaram Salunkhe	BSC. II	Salunkhe
47)	Aditi Bajarang Patil	B.S.C II	Patil
48)	Bhasti Shashikant Chavan	B.S.C II	B. Chavan
49)	Angha vitthal kashid	B.S.C. III	A. Kashid
50)	shinde Pragati Pandit	- / -	P. Kashid
51)	Kashid Rohini Dapurao	B.S.C III	B. Kashid
52)	vijay Suresh Barbale	12 th	V. Barbale
53)	sujeet Nanasa Hajare	Headmaster	S. Hajare
54)	shakaji Babasa kundlikar	Clerk	S. Kundlikar
55)	Chandrasant Tammanna Kumbhar	Asst. Teacher	C. Kumbhar
56)	Ananda Lahu Kambale	Peon	A. Kambale
57)	Mandhar Baburao mali	Headmaster	M. Mali
58)	Shinde Babasa Sitaram.	Headmaster	S. Shinde
59)	Dr. Takaram Mahadev Masal	Headmaster	T. Masal
60)	Sou. Torane V. S.	Teacher	S. 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	BSC-III	Y. Gherade
65)	Patil K. S.	Asst. Teacher (Chem)	K. Patil
66)	Thorat D. P.	Lecturer	D. Thorat
67)	Yashashai Namath Gurov	11 th	Y. N. Gurov
68)	poonam popat Patil	11 th	P. Patil
69)	Firdos Elahi Mulla	11 th	F. E. Mulla
70)	Shinde shubam Ravasahab	12 th	S. Shinde
71)	Nikam Sachin Subas	12 th	N. Nikam
72)	Patil Pooja Balasaheb	Asst. Prof. (Chem)	P. Patil



क्र.सं.	नाम	विभाग	श्री.
73	Gevind Rajaram Patil	office.	
74	Sudashan Balasaheb Shinde	-dt	
75	Vasant Ramchandra Pawar	Zoology	
76	Mahesh Mamdi Kamble	Library	
77	Pankaj Bhimrao Mane	Teacher	
78	Shraddha Shrikant Kosmp	B.Sc-I	
79	Ashwini Nivrutti Shinde	B.Sc-I	
80	Vandana Bhaskar Koli	B.Sc-I	
81	Divyaprabha Dilip Bhasale	B.Sc-I	
82	Dipita Raju Mane	B.Sc-I	
83	Samruddhi Ganesh Pawar	B.Sc-I	
84	madhura Suryakant Anarati	B.Sc-I	
85	Divya Uttam Lamdge	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 Pupat Salunkhe	Teacher (chem)	
93	Ashwini Ajit More	K.H.B	
94	Patil Nikita Manik.	Chem. fch (K.H.B)	
95	Patil Sandip Subhash	commerce	
96	Dhere Ajitrao Dadasaheb	Lecturer	
97	Mane Arvind Sampat	Commerce	
98	Shruti Sanjay patil	BSc I	
99	Gayatri Shivaji mate	-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	

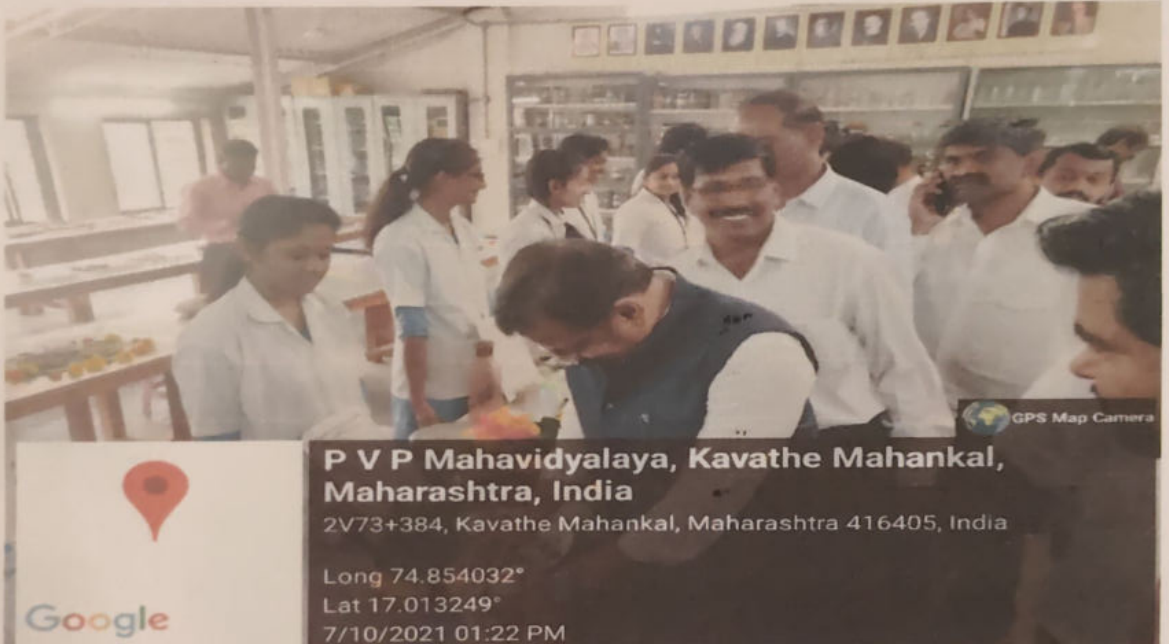
Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada 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>Launaea 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>

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 Vasant Rao Dada 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

Time	Activity	
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 27th 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. PVPMKM/ 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 27th 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, K. 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	[Signature]
2	प्रा. दिपककुमार राऊत सुभवेरी	मानसशास्त्र	[Signature]
3	प्रा. सौ. पी. यु. महापुत्रा	पदार्थविज्ञान	[Signature]
4	प्रा. सौ. व्ही. पी. धातगे.	भूगोल	[Signature]
5	प्रेम्मा चव्हाण	वनस्पतिशास्त्र	[Signature]
6	पवार हरिप्रसाद विठ्ठल	इतिहास	[Signature]
7	एडके सागर हरिचंद्र	—	[Signature]
8	प्रा. अविनायक कांबळे	रसायनशास्त्र	[Signature]
9	प्रा. किरण ल. सकत	अर्थशास्त्र	[Signature]
10	प्रा. सुभाष प्र. शिंदे	वामिज्य	[Signature]
11	प्रा. डॉ. एन. एन. शेडगे	पदार्थविज्ञान	[Signature]
12	प्रा. सुभाष ल. पाटील	वनस्पतिशास्त्र	[Signature]
13	डॉ. करि सुभाष कुण्ठा	रसायनशास्त्र	[Signature]
14	प्रा. पाटील सुभाष विठ्ठल	—	[Signature]
15	प्रा. डॉ. मोहन गोविंद लोढे	मराठी	[Signature]
16	प्रा. व्ही. व्ही. दोशी	संस्कृतशास्त्र	[Signature]
17	प्रा. डॉ. डी. सुभाष	वामिज्य विभाग	[Signature]
18	महडा कांबळे	संस्कृत	[Signature]
19	डॉ. विनोद कांबळे	मानसशास्त्र	[Signature]
20	श्री धनपाल पांडुरंग यादव	भूगोल	[Signature]
21	श्री दिपककुमार राऊत सुभवेरी	मानसशास्त्र	[Signature]
22	सौ. वसुधा व्ही. धातगे.	भूगोल	[Signature]
23	श्री. सागर संपतराव शिंदे	भौतिकशास्त्र	[Signature]
24	कुणाल गौतम प्रेन्नापुरे	इतिहास	[Signature]
25	गणेश दिनकर सातपुते	संस्कृतशास्त्र	[Signature]
26	प्रा. डॉ. सुवर्णा व्ही. सोव	प्राणीशास्त्र	[Signature]
27	पाटील स्नेहल भरोक	प्राणीशास्त्र	[Signature]

अ.न.	विद्यार्थी	विभाग	सहा
1)	अशोकेश्वर लक्ष्मण शेजारे		
2)	सुप्रिया चंद्रकांत शस्त	11 वी (सायन्स)	30/06/12
3)	आन्विका आरशाद मोदी	11 वी (सायन्स)	Pranali
4)	निकिता निहल्ली सुतार	BSC-III	Patil
5)	सुप्रिया विजय पाटील	Botany	Patil
6)	निकिता लक्ष्मण पवार	Botany	Nikita
7)	अतुल विरेंद्रकुमार वारंडे	Botany	Ruk
8)	स्वप्नाली उत्तम पाटील	Botany	Surati
9)	ऐश्वर्या प्रविण माणगावे	Botany	Am
10)	तनुजा शंकर पाटील	Botany	Patil
11)	आश्विनी शिवाजी शिंदे	B.Sc-II	Lickey
12)	प्रणाली राजेंद्र फेडेकर	Botany	Patil
13)	तेजस्विनी भारत जगताप	Botany	Patil
14)	निलिमा गणपतराव सुर्यवंशी	Botany	Patil
15)	वशमिनी लोकाळ सुल्तानी	Botany	Patil
16)	प्रणाली लक्ष्मण पाटील	Botany	Patil
17)	रतन सावंता दुधाळ	Botany	Patil
18)	दिगंबर संभाजी शिंदे	Botany	Patil
19)	शकुंतल गजानन सपकाळ	Botany	Patil
20)	आदित्य दगडू वाघमारे	Botany	Patil
21)	मिना कुमार पाटील	Botany - I	Patil
22)	पतिष्ठा हिनंद पाटील	B.Sc-I	Patil
23)	पूजा संजय हरगे	BSC-I	Patil
24)	श्रुती विनायक शकटे	BSC-I	Patil
25)	सानिका ताजानी जाधव	BSC-I	Patil
26)	आश्विनी वसंतराव भासले	BSC-I	Patil
27)	पूजा विलास लक्ष्मण	Bsc-I	Patil
28)	सानिका मच्छिंद्र पाटील	Bsc-I	Patil
29)	पंजली राजाराम मोदी	BSC-I	Patil
30)	अमोल लक्ष्मण काळे	BSC-III	Patil
31)	अदित्य दगडू वाघमारे	BSC-III	Patil
32)	मोनिका अशोक पाटील	BSC-II (Botany)	Patil
33)	शायत्री मोहन निरुम	-II-	Patil
34)	सई गणेश माळी	BSC-I	Patil
35)	श्रुती रोशन लक्ष्मण	BSC-I	Patil



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 27th 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 27th 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 college Kavthe 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 27th 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 27th 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 27th February 2023.

Dr. B. T. Jadhav
Coordinator

Mr. T. G. Patil
HOD Botany

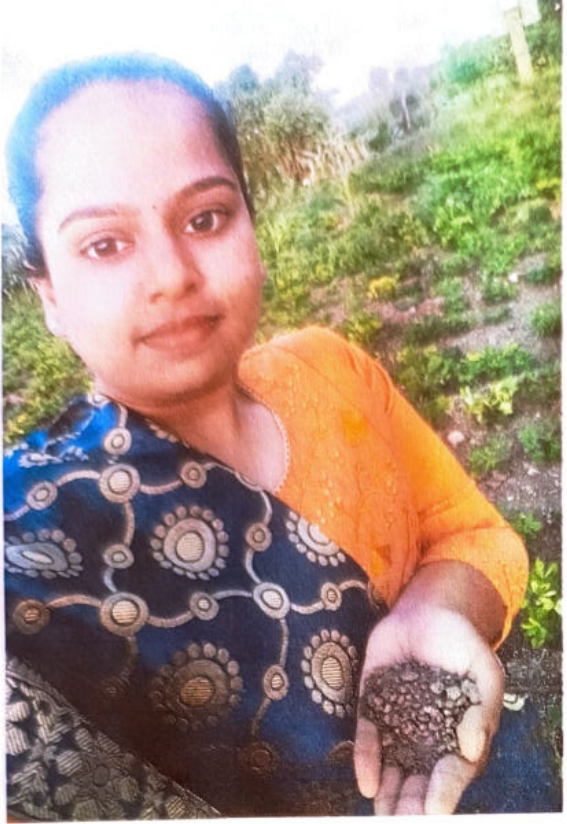
Dr. M. K. Patil
I/C. Principal

**National Service Scheme
Activity Report**

Title	Soil Pollution Awareness Campaign
Day & Date	21/09/2023
Organizer	NSS
Co-ordinator	Surendranath Babar, Dr Netaji Pol
Background	On the 21st of September, 2023, the National Service Scheme (NSS) unit of Padmabhushan Vasantrodada 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.
Objective	<ol style="list-style-type: none">1. Raise Awareness: Educate students and the community about the causes and effects of soil pollution.2. Promote Conservation: Encourage sustainable practices to protect soil health.3. Engage Youth: Involve students in an interactive activity that fosters a connection with the environment.4. Leverage Social Media: Use WhatsApp to amplify the message and reach a broader audience.
Conclusion/ Outcomes	The soil pollution awareness campaign organized by the NSS unit of Padmabhushan Vasantrodada 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)

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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".

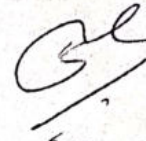
Respected sir,

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 31st July, 2023.



Coordinator



Head

Head

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

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

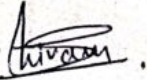
DEPARTMENT OF ZOOLOGY

Vermicomposting

Date: 01-08-2023

NOTICE

All the enrolled students are hereby informed that, the lectures of the course will be started from 2nd 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 Vasantraodada 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.


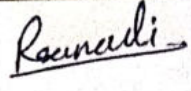

To acquaint students with some basic concepts of Vermicomposting

Padmabhushan Vasantrodada 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 Vasanttraodada 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
	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	29-10-23	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	17-9-23	19-9-23	21-9-23	24-9-23	27-9-23	30-9-23	3-10-23	11-10-23	19-10-23	20-10-23
1.	Jadhav Sanika Tanaji	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2.	Patil Shruti Snajay	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
4.	Patil Pooja Ashok	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
6.	Bhosale Ashwini Vasant	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
8.	Nagane Akanksha Hanmant	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
10.	Salunkhe Snehal Uttam	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
12.	Shinde Pranav Murlidhar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13.	Naik Sachin Ganesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14.	Kshirsagar Rutesh Ranesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15.	Patil Sudhir Pratap	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

Awam

Co.ordinator

RP

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	04-10-23	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 Vasantodada 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 th 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) 20⁰C to 25⁰C (b) 25⁰C to 30⁰C (c) 30⁰C to 35⁰C (d) 35⁰C to 40⁰C.

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 Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF ZOOLOGY

Data Analysis using MS Excel

Practical Examination

Duration: 3 Hours

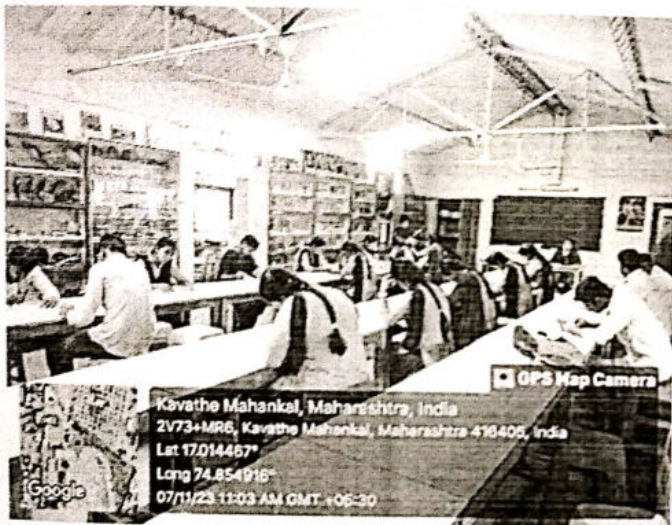
Total Marks :50

Instructions: 1) All questions are compulsory

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

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

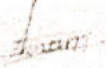


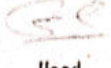
Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal
Affiliated to Shivaji University, Kolhapur

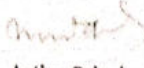
DEPARTMENT OF ZOOLOGY

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"

Title	Career Oriented Course in "Vermicomposting"
Duration	2 nd August 2023 to 30 th October 2023
Organizer	Department of Zoology, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Prof. Dr. Suvarna B. More Dr. Reshma A. Sanadi Mr. Shivam. P. Jaganade
Coordinator	Mr. Shivam. P. Jaganade
Background	Now a days, students must have some knowledge of Organic farming by using Organic manures like vermicompost. So this course is intended.
Objective	<ol style="list-style-type: none">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.
Outcomes	<ol style="list-style-type: none">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.

Conclusion	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. “So Garbage is nothing but Gold. Thus this course is fruitful and motivational for participated students.
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Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

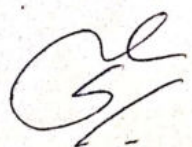
DEPARTMENT OF ZOOLOGY

Career Oriented Course in “Vermicomposting”

Brief Summary

Sr. No.	Organizing department	Department of Zoology		
		Male	Female	Total
1	Type of Activity	Career Oriented Course in “Vermicomposting”		
2	Duration of Activity	2 nd August 2023 to 31 st 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 Vasantrodada 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 Vasantrodada 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 th January 2023 to 10 th 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">❖ 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.
Outcomes	<ul style="list-style-type: none">❖ 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 have knowledge about the collection and preservation techniques of medicinal plants.❖ To know about medicinal plant diversity, ancient medicinal systems and local healthcare.
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

Padmashushan Vasantnandada Patil
Mahavidyalaya, Mahankal Dist. Solapur

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 th January 2023 to 10 th 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 Vasantrodada 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.

Mudgal

Acting Principal
Padmabhushan Vasantrodada 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 10th 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



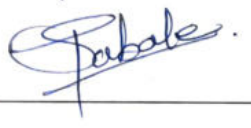

Contact us on:
Mob No. 9822495288

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

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

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*, *Emblica 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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DEPARTMENT OF BOTANY

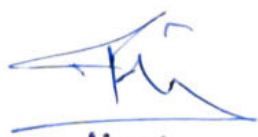
Identification and Uses of Medicinal Plants

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 10th January to 10th April in second semester.


Course Co-ordinator


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

Notice

Date: 07-01-2023

All the enrolled students are informed that, the lectures and practicals of the course will be started from **10th 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

Sr. No.	Name of Student	Roll No.
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
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9.	Jadhav Tejshri Raosaheb	11/01/23	Jadhav
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		17/01/23	Jadhav
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10.	Jagtap Prajakta Yashwant	11/01/23	Pajtap
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01/03/23	RVK		
06/03/23	RVK		
13/03/23	RVK		
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15/03/23	RVK		
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27/03/23	RVK		
28/03/23	RVK		
29/03/23	RVK		
03/04/23	RVK		
05/04/23	RVK		
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
		06/02/23	PAK
		07/02/23	PAK
		08/02/23	PAK
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		15/02/23	PAK
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27/03/23	PAK		
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
		14/02/23	Aish
		15/02/23	Aish
20/02/23	Aish		
21/02/23	Aish		
22/02/23	Aish		
27/02/23	Aish		
28/02/23	Aish		
01/03/23	Aish		
06/03/23	Aish		
13/03/23	Aish		
14/03/23	Aish		
15/03/23	Aish		
20/03/23	Aish		
21/03/23	Aish		
27/03/23	Aish		
28/03/23	Aish		
29/03/23	Aish		
03/04/23	Aish		
05/04/23	Aish		
15.	Mulani Sharmin Shoukat	11/01/23	QMin
		16/01/23	QMin
		17/01/23	QMin
		18/01/23	QMin
		23/01/23	QMin
		24/01/23	QMin
		25/01/23	QMin
		31/01/23	QMin
		01/02/23	QMin
		06/02/23	QMin
		07/02/23	QMin
		08/02/23	QMin
		13/02/23	QMin
		14/02/23	QMin
		15/02/23	QMin
20/02/23	QMin		
21/02/23	QMin		
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27/02/23	QMin		
28/02/23	QMin		
01/03/23	QMin		
06/03/23	QMin		
13/03/23	QMin		
14/03/23	QMin		
15/03/23	QMin		
20/03/23	QMin		
21/03/23	QMin		
27/03/23	QMin		
28/03/23	QMin		
29/03/23	QMin		
03/04/23	QMin		
05/04/23	QMin		


Sr. No.	Student Name	Date
16.	Nikam Gayatri Mohan	11/01/23
		16/01/23
17.	Patil Pranali Laxman	17/01/23
		18/01/23
18.	Patil Rutuja Ashok	23/01/23
		24/01/23
19.	Patil Rutuja Shankar	25/01/23
		31/01/23
20.	Patil Sonal Shrikant	01/02/23
		06/02/23
21.	Patil Supriya Vijay	07/02/23
		08/02/23
22.	Patil Swapnali Uttam	13/02/23
		14/02/23
23.	Pawar Kiran Tanaji	15/02/23
		20/02/23
		21/02/23
		22/02/23
		27/02/23
		28/02/23
		01/03/23
		06/03/23
		13/03/23
		14/03/23
		15/03/23
		20/03/23
		21/03/23
		27/03/23
		28/03/23
		29/03/23
		03/04/23
		05/04/23

Sr. No.	Student Name	Date
		11/01/23
16/01/23		
17/01/23		
18/01/23		
23/01/23		
24/01/23		
25/01/23		
31/01/23		
01/02/23		
06/02/23		
07/02/23		
08/02/23		
13/02/23		
14/02/23		
15/02/23		
20/02/23		
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22/02/23		
27/02/23		
28/02/23		
01/03/23		
06/03/23		
13/03/23		
14/03/23		
15/03/23		
20/03/23		
21/03/23		
27/03/23		
28/03/23		
29/03/23		
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	Patil	Patil	Patil	Patil
19	Patil Rutuja Shankar	Pspn	Pspn	Pspn	Pspn	Pspn	Pspn
20	Patil Sonal Shrikant	Patil	Patil	Patil	Patil	Patil	Patil
21	Patil Supriya Vijay	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI
22	Patil Swapnali Uttam	SUPATI	SUPATI	SUPATI	SUPATI	SUPATI	SUPATI
23	Pawar Kiran Tanaji	KTP	KTP	KTP	KTP	KTP	KTP
24	Pawar Nikita Laxman	Pn	Pn	Pn	Pn	Pn	Pn
25	Salunkhe Sanika Kailas	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe
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.	Pn	Pn	Pn	Pn	Pn	Pn
35	Sutar Nikita Nivrutti	Datar	Datar	Datar	Datar	Datar	Datar
36	Waghmare Aditya Dagadu	Adw	Adw	Adw	Adw	Adw	-AB-
37	Yamgar Pooja Tatoba	PKhel	PKhel	PKhel	PKhel	PKhel	PKhel


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

Padmabhushan Vasantrodada 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>Pule</u>	<u>Pule</u>
2	Bandgar Sarika Birbal	<u>Sbandgar</u>	<u>Sbandgar</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>Bdevkate</u>	<u>Bdevkate</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>Pajtap</u>	<u>Pajtap</u>
11	Jagtap Tejaswini Bharat	<u>Bharat</u>	<u>Bharat</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>Aish.</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>Prpatil</u>	<u>Prpatil</u>

Sr. No.	Date Student Name	Theory 20/04/23	Practical 21/04/23
		18	Patil Rutuja Ashok
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>NLP</u>	<u>NLP</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>SAS</u>	<u>SAS</u>
28	Shejal Sayajirao Laxman	<u>SSL</u>	<u>SSL</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>PSK</u>	<u>PSK</u>
32	Surwanshi Pratiksha A.	<u>SPA</u>	<u>SPA</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>NTN</u>	<u>NTN</u>
36	Waghmare Aditya Dagadu	<u>AWD</u>	<u>AWD</u>
37	Yamgar Pooja Tatoba	<u>YPT</u>	<u>YPT</u>


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

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.											
		Lecture Dates										
3	Mr. Patil S. B.											
		Practical Dates										
4	Mr. Sabale S. M.											

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


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,

Examination	Date	Time	Venue
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) *Zingiber officinale*

b) *Papaver somniferum*

c) *Emblica officinalis*

d) *Rauwolfia serpentina*

2) The name serpentine refers to

a) *Rauwolfia serpentina*

b) *Withania somnifera*

c) *Emblica officinalis*

d) *Tinospora cordifolia*

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

d) Organic acid

6) The name of chemical constituent zingiberine refers to

a) *Zingiber*

b) *Withania*

c) *Rauwolfia*

d) *Tinospora*

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.

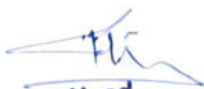
Q.3 Evaluate the macroscopic and organoleptic character of given material B


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
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 Vasantrodada 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 st August 2023 to 21 st 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">❖ 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.
Outcomes	<ul style="list-style-type: none">❖ 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.
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 Vasantodada 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 st August 2023 to 21 st 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 Vasantodada 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.

Mundal
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 31st July, 2023.


Course Coordinator


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

Brochure

Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya



Kayathe 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


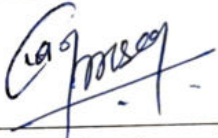
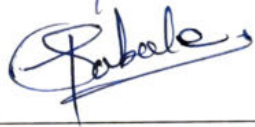

Contact us on:
Mob No. 9822495288

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

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

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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 01st August to 20th October in first semester.



Course Co-ordinator



**Head
HEAD**

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

Padmabhushan Vasanthaodada 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 **1st 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


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Kavathe Mahankal

Sr. No.	Date	Student Name
8.	* Bedage Sakshi Sanjay	01/08/2023 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 29/08/2023 30/08/2023 04/09/2023 05/09/2023 06/09/2023 11/09/2023 12/09/2023 13/09/2023 25/09/2023 26/09/2023 27/09/2023 03/10/2023 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	

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	<u>Pvt</u>	<u>Pvt</u>	<u>Pvt</u>
19	* Harage Pooja Sanjay	<u>Harage</u>	<u>Harage</u>	<u>Harage</u>	<u>Harage</u>	<u>Harage</u>
20	* Vhanmane Aarti Vilas	<u>Avt</u>	<u>Avt</u>	<u>Avt</u>	<u>Avt</u>	<u>Avt</u>
21	* Limkar Vaibhavi Balasaheb	<u>Bimkar</u>	<u>Bimkar</u>	<u>Bimkar</u>	<u>Bimkar</u>	<u>Bimkar</u>
22	* Kamble Vaishnavi Pradhan	<u>Kam</u>	<u>Kam</u>	<u>Kam</u>	<u>Kam</u>	<u>Kam</u>
23	* Banasode Shruti Roshan	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>
24	Deshmukh Pratapsinh Bhausaheb	<u>Deshmukh</u>	<u>Deshmukh</u>	<u>Deshmukh</u>	<u>Deshmukh</u>	<u>Deshmukh</u>
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	<u>M.S.Jadhav</u>	<u>M.S.Jadhav</u>	<u>M.S.Jadhav</u>	<u>M.S.Jadhav</u>	<u>M.S.Jadhav</u>
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, KavatheMahankal.
DEPARTMENT OF BOTANY
Nursery Management
Exam Attendance

Sr. No.	Date Student Name	Theory	Practical
		20/10/2023	21/10/2023
1	* Mali Sayee Ganesh	<u>Mali</u>	<u>Mali</u>
2	* Patil Sanika Machindra	<u>Sanika</u>	<u>Sanika</u>
3	Chavan Amit Vinayak	<u>Amit</u>	<u>Amit</u>
4	Chougule Ganesh Rajaram	<u>Ganesh</u>	<u>Ganesh</u>
5	* Patil Minal Kumar	<u>Minal</u>	<u>Minal</u>
6	* Koshti Shraddha Shrikant	<u>Shraddha</u>	<u>Shraddha</u>
7	* Kadam Snehal Dadaso	<u>Snehal</u>	<u>Snehal</u>
8	* Bedage Sakshi Sanjay	<u>Sakshi</u>	<u>Sakshi</u>
9	* Bedage Aishwarya Dattatray	<u>Aishwarya</u>	<u>Aishwarya</u>
10	* Patil Pratiksha Hitendra	<u>Pratiksha</u>	<u>Pratiksha</u>
11	* Shinde Pranali Baban	<u>Pranali</u>	<u>Pranali</u>
12	* Kadam Namrata Balaso	<u>Namrata</u>	<u>Namrata</u>
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	<u>Snehal</u>	<u>Snehal</u>
18	* Shinde Vaishnavi Shivaji	<u>Shinde</u>	<u>Shinde</u>
19	* Vhanmane Pooja Vilas	<u>Pooja</u>	<u>Pooja</u>

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>DB</u>	<u>DB</u>
25	Mali Namdev Dadasaheb	<u>DM</u>	<u>DM</u>
26	Masal Rupesh Shivaji	<u>MR</u>	<u>MR</u>
27	* Mane Dipika Raju	<u>MR</u>	<u>MR</u>
28	Gaikwad Ritesh Laxman	<u>RG</u>	<u>RG</u>
29	Khot Pradip Shrirang	<u>PK</u>	<u>PK</u>
30	Jadhav Mahesh Shivshankar	<u>M.S. Jadhav</u>	<u>M.S. Jadhav.</u>
31	Patil Dhiraj Dattatray	<u>PD</u>	<u>PD.</u>
32	Kumbhar Suyog Jotiram	<u>SK</u>	<u>SK</u>
33	Shinde Chaitanya	<u>CS</u>	<u>CS</u>
34	*Desai Rutuja Appa	<u>RD</u>	<u>RD</u>
35	*Kalekar Anushka Ramchandra	<u>AK</u>	<u>AK</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



Padmabhushan Vasanthaodada Patil Mahavidyalaya, Kavathe Mahankal.

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,

Examination	Date	Time	Venue
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
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Padmabhushan Vasandraodada 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) 28th February b) 5th June c) 7th August d) 10th 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 astest.
 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


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DEPARTMENT OF BOTANY

Nursery Management

Practical Examination

Date: 21/10/2023

Marks: 30

Time: 2:30pm to Onwards

- 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.


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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
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Shikshan Prasarak Sanstha's
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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



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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
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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.

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