

Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya



Kavathe Mahankal, Sangli
Affiliated to Shivaji University, Kolhapur

*A Career Oriented Course
in Nursery Management*

Prepared by

Department of Botany

Padmabhushan Vasantrodada Patil Mahavidyalaya

Kavathe Mahankal 416405

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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.

Amudant
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

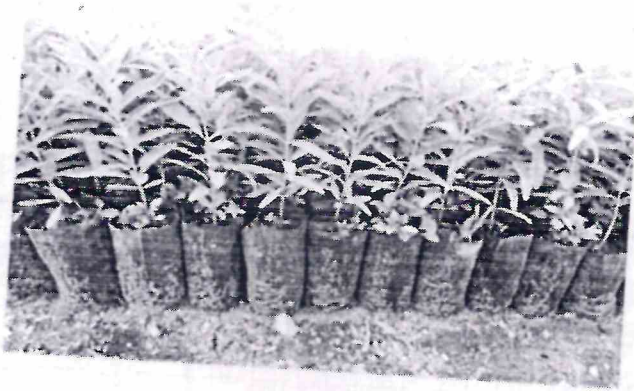
Brochure

Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya



Kavathe Mahankal, Sangli
Affiliated to Shivaji University, Kolhapur

Department of Botany



Open for
Enrollment

A Career Oriented Course in Nursery Management

Starting From 01 August 2023

Specifications:

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

Join Now


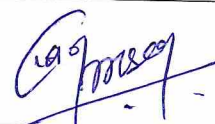


Contact us on:
Mob No. 9822495288

Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal.

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	

PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.

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
<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 (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 managemen



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

PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.

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 Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Nursery Management

Notice

Date: 28-07-2023

All the enrolled students are informed that, the lectures and practicals of the course will be started from **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, Kavathe Mahankal.

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 Dadasaheb	B25
26	Masal Rupesh Shivaji	B26
27	* Mane Dipika Raju	B27
28	Gaikwad Ritesh Laxman	B28

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


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

Sr. No.	Student Name	Date
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	

Sr. No.	Student Name	Date	
24.	Deshmukh Pratapsinh Bhausaheb	<u>Deshmukh</u>	01/08/2023
		<u>Deshmukh</u>	02/08/2023
		<u>Deshmukh</u>	07/08/2023
		<u>Deshmukh</u>	08/08/2023
		<u>Deshmukh</u>	09/08/2023
		<u>Deshmukh</u>	14/08/2023
		<u>Deshmuki</u>	21/08/2023
		<u>Deshmukh</u>	22/08/2023
		<u>Deshmukh</u>	23/08/2023
		<u>Deshmukh</u>	28/08/2023
		<u>Deshmukh</u>	29/08/2023
		<u>Deshmukh</u>	30/08/2023
		<u>Deshmukh</u>	04/09/2023
		<u>Deshmukh</u>	05/09/2023
25.	Mali Namdev Dadasaheb	<u>Ameri</u>	01/09/2023
		<u>Ameri</u>	02/09/2023
		<u>Ameri</u>	07/09/2023
		<u>Ameri</u>	08/09/2023
		<u>Ameri</u>	09/09/2023
		<u>Ameri</u>	14/09/2023
		<u>Ameri</u>	21/09/2023
		<u>Ameri</u>	22/09/2023
		<u>Ameri</u>	23/09/2023
		<u>Ameri</u>	28/09/2023
		<u>Ameri</u>	29/09/2023
		<u>Ameri</u>	30/09/2023
		<u>Ameri</u>	04/10/2023
		<u>Ameri</u>	05/10/2023
26.	Masal Rupesh Shivaji	<u>Rupesh</u>	01/10/2023
		<u>Rupesh</u>	02/10/2023
		<u>Rupesh</u>	07/10/2023
		<u>Rupesh</u>	08/10/2023
		<u>Rupesh</u>	09/10/2023
		<u>Rupesh</u>	14/10/2023
		<u>Rupesh</u>	21/10/2023
		<u>Rupesh</u>	22/10/2023
		<u>Rupesh</u>	23/10/2023
		<u>Rupesh</u>	28/10/2023
		<u>Rupesh</u>	29/10/2023
		<u>Rupesh</u>	30/10/2023
		<u>Rupesh</u>	04/11/2023
		<u>Rupesh</u>	05/11/2023
27.	* Mane Dipika Raju	<u>Mane</u>	01/11/2023
		<u>Mane</u>	02/11/2023
		<u>Mane</u>	07/11/2023
		<u>Mane</u>	08/11/2023
		<u>Mane</u>	09/11/2023
		<u>Mane</u>	14/11/2023
		<u>Mane</u>	21/11/2023
		<u>Mane</u>	22/11/2023
		<u>Mane</u>	23/11/2023
		<u>Mane</u>	28/11/2023
		<u>Mane</u>	29/11/2023
		<u>Mane</u>	30/11/2023
		<u>Mane</u>	04/12/2023
		<u>Mane</u>	05/12/2023
28.	Gaikwad Ritesh Laxman	<u>Gaikwad</u>	01/12/2023
		<u>Gaikwad</u>	02/12/2023
		<u>Gaikwad</u>	07/12/2023
		<u>Gaikwad</u>	08/12/2023
		<u>Gaikwad</u>	09/12/2023
		<u>Gaikwad</u>	14/12/2023
		<u>Gaikwad</u>	21/12/2023
		<u>Gaikwad</u>	22/12/2023
		<u>Gaikwad</u>	23/12/2023
		<u>Gaikwad</u>	28/12/2023
		<u>Gaikwad</u>	29/12/2023
		<u>Gaikwad</u>	30/12/2023
		<u>Gaikwad</u>	04/01/2024
		<u>Gaikwad</u>	05/01/2024
29.	Khot Pradip Shirrang	<u>Khot</u>	01/01/2024
		<u>Khot</u>	02/01/2024
		<u>Khot</u>	07/01/2024
		<u>Khot</u>	08/01/2024
		<u>Khot</u>	09/01/2024
		<u>Khot</u>	14/01/2024
		<u>Khot</u>	21/01/2024
		<u>Khot</u>	22/01/2024
		<u>Khot</u>	23/01/2024
		<u>Khot</u>	28/01/2024
		<u>Khot</u>	29/01/2024
		<u>Khot</u>	30/01/2024
		<u>Khot</u>	04/02/2024
		<u>Khot</u>	05/02/2024
30.	Jadhav Mahesh Shivshankar	<u>Jadhav</u>	01/02/2024
		<u>Jadhav</u>	02/02/2024
		<u>Jadhav</u>	07/02/2024
		<u>Jadhav</u>	08/02/2024
		<u>Jadhav</u>	09/02/2024
		<u>Jadhav</u>	14/02/2024
		<u>Jadhav</u>	21/02/2024
		<u>Jadhav</u>	22/02/2024
		<u>Jadhav</u>	23/02/2024
		<u>Jadhav</u>	28/02/2024
		<u>Jadhav</u>	29/02/2024
		<u>Jadhav</u>	30/02/2024
		<u>Jadhav</u>	04/03/2024
		<u>Jadhav</u>	05/03/2024

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.
DEPARTMENT OF BOTANY

**Nursery Management
 Practical Attendance**

Sr. No.	Date Student Name	Date				
		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>	<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 Chavan</u>	<u>Amit Chavan</u>	<u>Amit Chavan</u>	<u>Amit Chavan</u>	<u>Amit Chavan</u>
4	Chougule Ganesh Rajaram	<u>Ganesh Chougule</u>	<u>Ganesh Chougule</u>	<u>Ganesh Chougule</u>	<u>Ganesh Chougule</u>	<u>Ganesh Chougule</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>S. Kadam</u>	<u>S. Kadam</u>	<u>S. Kadam</u>	<u>S. Kadam</u>	<u>S. Kadam</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>PV</u>	<u>PV</u>	<u>PV</u>
19	* Harage Pooja Sanjay	<u>PHAGE</u>	<u>PHAGE</u>	<u>PHAGE</u>	<u>PHAGE</u>	<u>PHAGE</u>
20	* Vhanmane Aarti Vilas	<u>AV</u>	<u>AV</u>	<u>AV</u>	<u>AV</u>	<u>AV</u>
21	* Limkar Vaibhavi Balasaheb	<u>BLINKAR</u>	<u>BLINKAR</u>	<u>BLINKAR</u>	<u>BLINKAR</u>	<u>BLINKAR</u>
22	* Kamble Vaishnavi Pradhan	<u>KV</u>	<u>KV</u>	<u>KV</u>	<u>KV</u>	<u>KV</u>
23	* Banasode Shruti Roshan	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>	<u>SRB</u>
24	Deshmukh Pratapsinh Bhausahab	<u>DESHMUKH</u>	<u>DESHMUKH</u>	<u>DESHMUKH</u>	<u>DESHMUKH</u>	<u>DESHMUKH</u>
25	Mali Namdev Dadasahab	<u>DMALI</u>	<u>DMALI</u>	<u>DMALI</u>	<u>DMALI</u>	<u>DMALI</u>
26	Masal Rupesh Shivaji	<u>MSR</u>	<u>MSR</u>	<u>MSR</u>	<u>MSR</u>	<u>MSR</u>
27	* Mane Dipika Raju	<u>DMANE</u>	<u>DMANE</u>	<u>DMANE</u>	<u>DMANE</u>	<u>DMANE</u>
28	Gaikwad Ritesh Laxman	<u>GAIKWAD</u>	<u>GAIKWAD</u>	<u>GAIKWAD</u>	<u>GAIKWAD</u>	<u>GAIKWAD</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 Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Nursery Management

Exam Attendance

Sr. No.	Date Student Name	Theory	Practical
		20/10/2023	21/10/2023
1	* Mali Sayee Ganesh	<u>Amali</u>	<u>Amali</u>
2	* Patil Sanika Machindra	<u>Amali</u>	<u>Amali</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>MKPatil</u>	<u>MKPatil</u>
6	* Koshti Shraddha Shrikant	<u>Shanti</u>	<u>Shanti</u>
7	* Kadam Snehal Dadaso	<u>Snehal</u>	<u>Snehal</u>
8	* Bedage Sakshi Sanjay	<u>Bedage</u>	<u>Bedage</u>
9	* Bedage Aishwarya Dattatray	<u>Abedage</u>	<u>Abedage</u>
10	* Patil Pratiksha Hitendra	<u>Pratik</u>	<u>Pratik</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	<u>S.S. Kadam</u>	<u>S.S. Kadam</u>
14	* Borkar Renuka Suresh	<u>R.S. Borkar</u>	<u>R.S. Borkar</u>
15	* Mane Sanika Subhash	<u>S.S. Mane</u>	<u>S.S. Mane</u>
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
		20/04/23	21/04/23
	Student Name		
20	* Vhanmane Aarti Vilas	<u>AV</u>	<u>AV</u>
21	* Limkar Vaibhavi Balasaheb	<u>BLMkar</u>	<u>BLMkar</u>
22	* Kamble Vaishnavi Pradhan	<u>KV</u>	<u>KV</u>
23	* Banasode Shruti Roshan	<u>SRB</u>	<u>SRB</u>
24	Deshmukh Pratapsinh Bhausaheb	<u>Deshmukh</u>	<u>Deshmukh</u>
25	Mali Namdev Dadasaheb	<u>Mali</u>	<u>Mali</u>
26	Masal Rupesh Shivaji	<u>Masal</u>	<u>Masal</u>
27	* Mane Dipika Raju	<u>Mane</u>	<u>Mane</u>
28	Gaikwad Ritesh Laxman	<u>Raikwad</u>	<u>Raikwad</u>
29	Khot Pradip Shirang	<u>PKhot</u>	<u>PKhot</u>
30	Jadhav Mahesh Shivshankar	<u>M.S. Jadhav</u>	<u>M.S. Jadhav</u>
31	Patil Dhiraj Dattatray	<u>Patil</u>	<u>Patil</u>
32	Kumbhar Suyog Jotiram	<u>SK</u>	<u>SK</u>
33	Shinde Chaitanya	<u>Shinde</u>	<u>Shinde</u>
34	*Desai Rutuja Appa	<u>Desai</u>	<u>Desai</u>
35	*Kalekar Anushka Ramchandra	<u>ARK</u>	<u>ARK</u>

Padmabhushan Vasanttraodada Patil Mahavidyalaya, KavatheMahankal.
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.	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	<i>Sabale</i>	
		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
		<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>	<i>Jadhav</i>
		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	
		<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>
		Practical Dates									
4	Mr. Patil T. G. Mr.	11/08/2023		25/08/2023		08/09/2023		29/09/2023		06/10/2023	
		<i>Patil</i>		<i>Patil</i>		<i>Patil</i>		<i>Patil</i>		<i>Patil</i>	

Padmabhushan Vasantodada 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
Kavathe Mahankal

Padmabhushan Vasanthaodada 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 questions 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 ofplants.
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) Tetrzolium 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 Vasanttraodada Patil Mahavidyalaya, KavatheMahankal.
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 Bhausahab	38	26	16	80	A
25	B25	Mali Namdev Dadasaheb	38	24	17	79	A

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



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



Shikshan Prasarak Sanstha's

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal

Affiliated to Shivaji University, Kolhapur

DEPARTMENT OF BOTANY

C E R T I F I C A T E

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

Course Co-Ordinator
Dr. B. T. Jadhav

Head
Department of Botany
Mr. T. G. Patil


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





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

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

Course Co-Ordinator
Dr. B. T. Jadhav

Head
Department of Botany
Mr. T. G. Patil

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



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. *Chougule Ganesh Rajaram* 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 Minal Kumar* 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

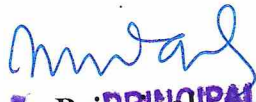
Head
Department of Botany
Mr. T. G. Patil

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

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
Mahavidyalaya, K. Mahankal, Dist. I

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.


DEPARTMENT OF BOTANY

Report on Career Oriented Course in "Nursery Management"

Brief Summary

Sr. No.	Organizing department	Department of Botany			
1	Type of Activity	Career Oriented Course in "Nursery Management"			
2	Duration of Activity	1 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 Vasantrodada Patil
Mahavidyalaya, K. Mahankal, Dist. Sangli


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